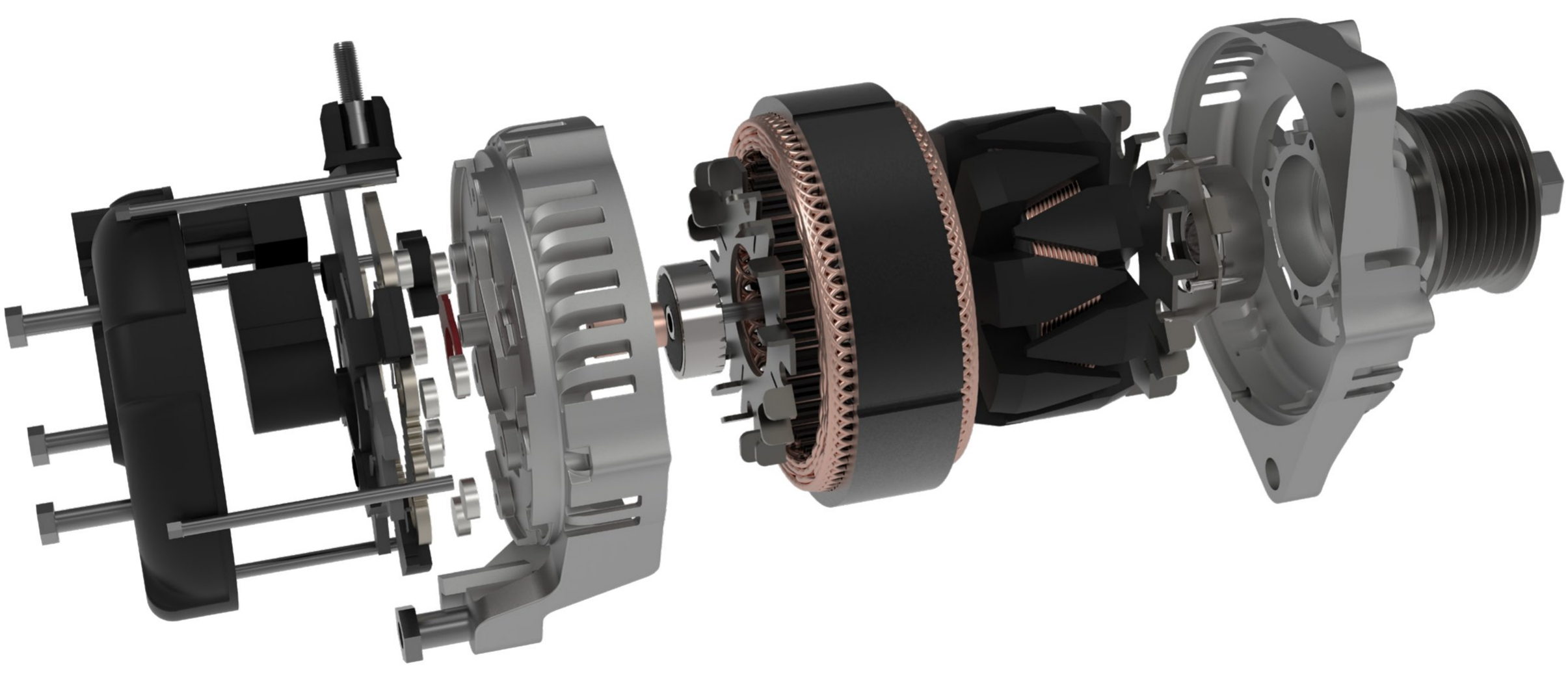
ALTERNATOR PARTS

DOMESTIC, IMPORT & HEAVY DUTY



TRANSPO ELECTRONICS™

It's in our DNA

87-500-07

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POWER ON WITH TRANSPO TECHNOLOGY.

VOLTAGE REGULATOR PROTECTION FEATURES

Load dump protected against transient voltage spikes avoiding potential battery damage.
Low saturation voltage results in lower heat dissipation.

HIGH OUTPUT RECTIFIER ASSEMBLIES

Designed with higher power open junction press fit super cool diodes.
Welded connections.

OE BEARINGS

Triple lip full contact polyacrylic seal to ensure proper and continuous lubrication.

BRUSHES

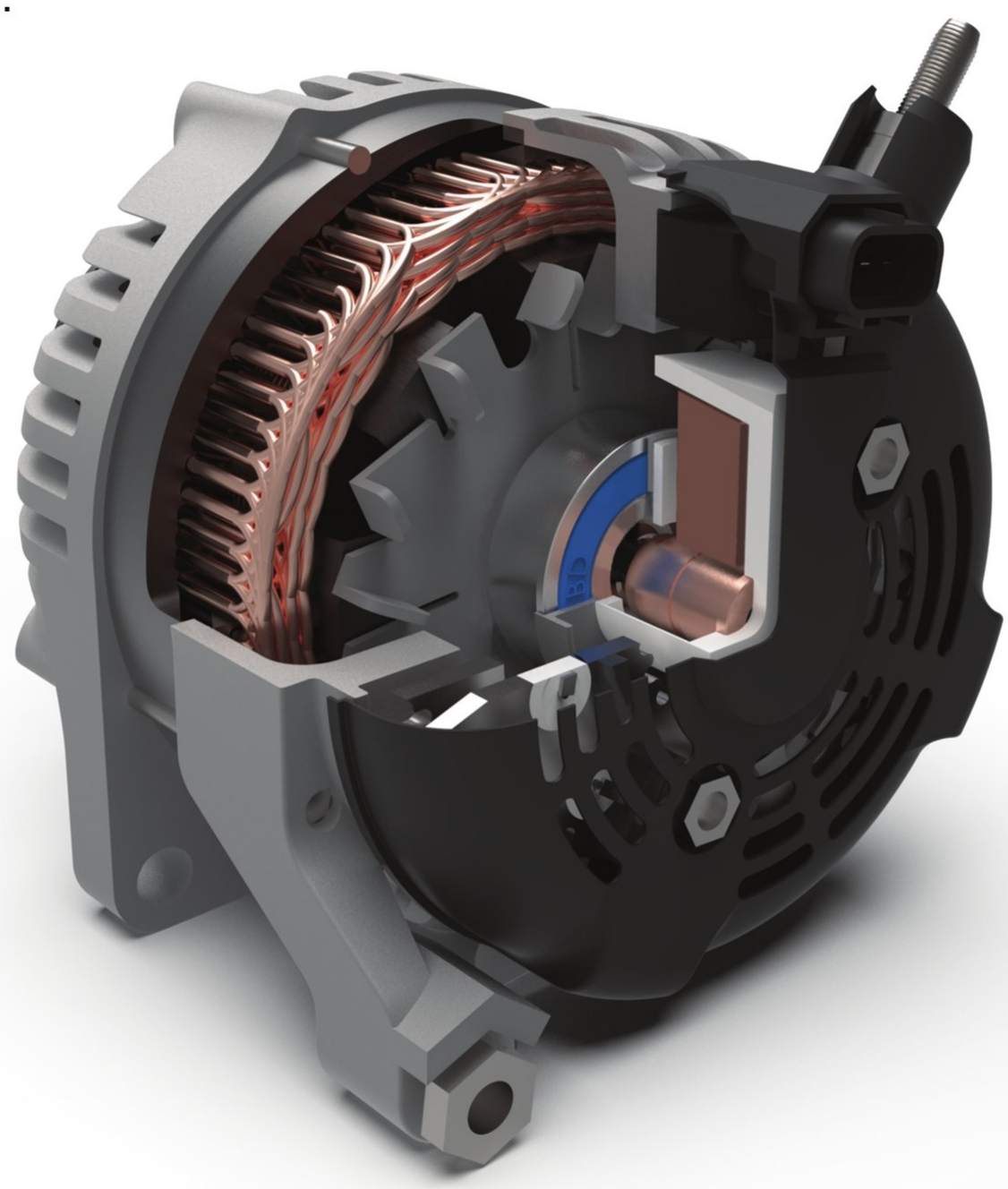
Automotive grade brushes.

OE CLUTCH PULLEYS

True OEM multi needle bearing design to deliver proper torque, extending life cycle.

ROTOR & STATOR

Designed with insulated windings to deliver the required output to match vehicle demand.



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ABBREVIATION GUIDE

Abbreviation	Description
-	Negative
+	Positive
1V	1-Groove V-Belt Pulley
1X	.0025 in. undersize
2V	2-Groove V-Belt Pulley
2X	.0050 in. undersize
3S	3-Groove Serpentine Belt Pulley
3V	3-Groove V-Belt Pulley
3X	.0075 in. undersize
4/6S	4-Groove + 6-Groove Serpentine Belt Pulley
4S	4-Groove Serpentine Belt Pulley
4X	.0100 in. undersize
5S	5-Groove Serpentine Belt Pulley
6S	6-Groove Serpentine Belt Pulley
7S	7-Groove Serpentine Belt Pulley
8S	8-Groove Serpentine Belt Pulley
9S	9-Groove Serpentine Belt Pulley
A	Amp
AC	Alternating Current
Adj.	Adjusting or adjustable
Alt.	Alternator
Amp	Amperes
ARM	Armature Terminal
AS	External Sense (system reference voltage)
Assy.	Assembly
Assys.	Assemblies
AT	Automatic Transmission
Auto	Automobile
AUX	Auxiliary Terminal
B-	Battery Negative or Ground Terminal
B+	Battery Positive Terminal
BAT	Battery Terminal
Batt.	Battery
BH	Brush Holder
BK	Back
BL	Blue
BLK	Black
BO	Bosch
Brg.	Bearing
Brl.	Barrel
BSF	British Standard Fine
C	Computer Terminal
C.E.	Commutator End
C.S.	Center Support
CCW	Counter Clockwise
CFC	Chlorofluorocarbon
CH	Chrysler
CJ	Cajavec
Ctr.	Center
Cut.	Cutter
CV	CAV
CW	Clockwise
D	Diameter or Dummy Terminal or Drive (input from vehicle PCM)
D-	Ground or Earth Terminal
D.E.	Drive End
D+	Trio Terminal
Dbl.	Double
DD	Direct Drive
DF	Field Terminal
Dia.	Diameter
Dim	Dimension
DR	Delco

Abbreviation	Description
DU	Ducellier
EF	External Fan
EL	Electrodyne
Elec.	Electrical
EP	Electroprecizia Romanian
ER	External Regulated
ER/EF	External Regulated and External Fan
ER/IF	External Regulated and Internal Fan
Ext.	Extension or External
F	Field Terminal or Fahrenheit or Flats (measured across the hex flats)
FC	Field Coil
FD	Ford
FE	FEMSA
FLD	Field Terminal
Fld.	Field
Flg.	Flange
Form.	Forming
FR	Field Report or Computer Input Terminal
Ft.	Foot
FWD	Front Wheel Drive
GEN	Generator Terminal
GRD	Ground Terminal
Grd.	Ground
H	Height
Hi	High
HI	Hitachi
Hi-Temp	High Temperature
HL	Hi-Lo
HP	Horse Power
Hsg.	Housing
HT	Height or High Torque
I	Indicator Light Terminal
ID	Inside Diameter or Identification
IF	Internal Fan
IG	Ignition Terminal
IGN	Ignition Terminal
IK	Iskra
IMS	Integral Magnetic Switch
Incl.	Includes
IND	Indicator Light Terminal or Industrial
Int.	Internal
IR	Internal Regulated
IR/EF	Internal Regulated and External Fan
IR/IF	Internal Regulated and Internal Fan
ISOL	Isolation
kW	Kilowatt
L	Length or Liter or Indicator Light Terminal
L.H.	Lever Housing
LA	Lada
lb.	Pound
LH	Lever Housing or Left Hand Side
LI	Load Indication
LL	Lead Length
LN	Leece-Neville
LRC	Load Response Control
LU	Lucas
mA	Milliamp (.001 amp)
MD	Mando
MF	Microfarad
Mfd.	Manufactured
MI	Mitsubishi
Min.	Minimum

ABBREVIATION GUIDE

Abbreviation	Description
ml	Milliliter
MM	Magneti-Marelli
mm	Millimeter
MO	Motorola
MT	Mitsuba or Manual Transmission
mtd.	Mounted
Mtg.	Mounting
N	No
N/C	No Connection at Terminal
NA	Not Available
ND	Nippondenso
Ndl.	Needle
NE	Niehoff
NEG	Negative
Neg.	Negative
NK	Nikko
No.	Number
Nos.	Numbers
NPT	National Pipe Thread
OAL	Overall Length
OCP	Overcrank Protection
OD	Outside Diameter
OE	Original Equipment
OEM	Original Equipment Manufacturer
Opt.	Option
OSGR	Offset Gear Reduction
oz	Ounce
P	Phase (output to vehicle PCM)
PCM	Powertrain Control Module
PF	Press-Fit
pg	Page
PI	Pressed In
PL	Prestolite
PLGR	Planetary Gear Reduction
PMDD	Permanent Magnet Direct Drive
PMGR	Permanent Magnet Gear Reduction
PMOSGR	Permanent Magnet Offset Gear Reduction
POS	Positive
Pos.	Positive
PR	Paris Rhone
Prod.	Production
R	Relay Terminal
Ref.	Reference
Reg.	Regulator
Req.	Required
RH	Right Hand Side
R-Term.	Relay Terminal
RWD	Rear Wheel Drive
S.R.E.	Slip Ring End
sec.	Second
Sgl.	Single
SNIP	Small Non-indexing Positorque
Soln.	Solenoid
SPL	Spline
STA	Stator
S-Term.	Switch Terminal
S-Terminal	Switch Terminal
Str.	Starter
Strs.	Starters
SV	SEV Marchal
Sys.	System
T	Teeth, Thickness or Terminal
Temp.	Temperature

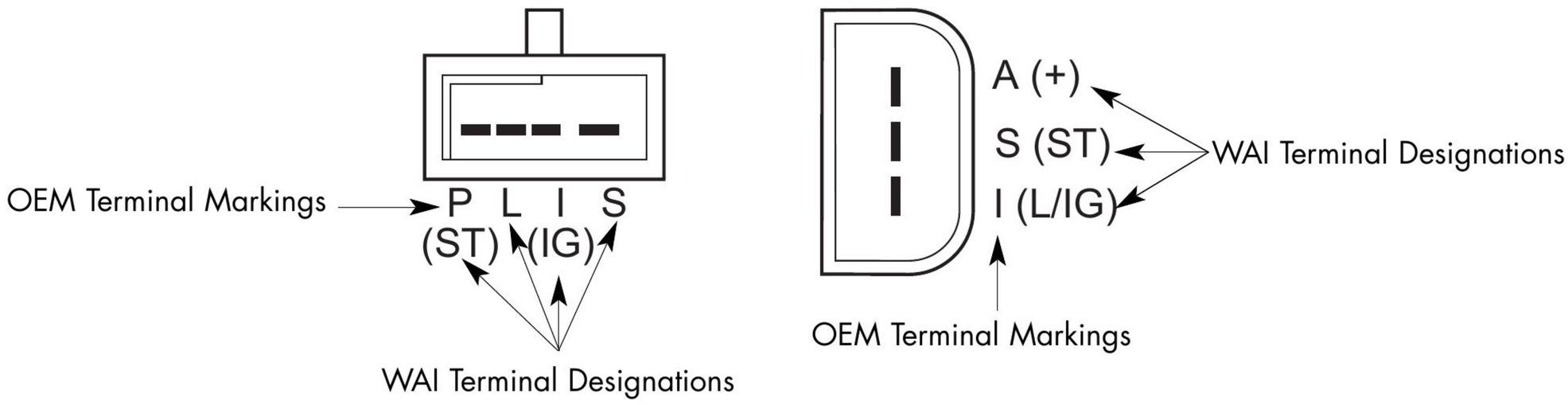
Abbreviation	Description
Term.	Terminal
Terms.	Terminals
Thd.	Thread
Thk.	Thick
uA	Microamp (.000001 amp)
Undsz	Undersize
UT	United Technologies
V	Volt or V-Belt
VA	Valeo
Volt Set	Voltage Setting
Vset	Voltage Set Point
W	Width
w/	With
wo/	Without
Y	Yes
YEL	Yellow

REGULATOR TERMINAL REFERENCE GUIDE

REGULATOR TERMINAL DESIGNATIONS										
Electrical System	**Field**	**Battery Sense**	**Ground (Earth)**	**Trio**	**Indicator Light**	**Ignition**	**Auxiliary**	**Stator**	**Field Report**	**Computer Input**
Bosch	DF	B+, S	D-	D+	61, L	15	AUX	W, STA	DFM, FR	COM
CAV	DF	D+	D-	D+	L			STA		
Chrysler	FLD	B+	B-		L	IGN		STA		
Delco	F, FLD	B+	B-, GRD	D+	L	I, IGN		P, STA	F, FR	F, FR
Delco-Europe	DF	S	D-	D+	D+			STA		
Femsa	DF	B+	D-	D+	L, 61			STA		
Ford	FLD	A, AS, B+, S	B-		L, I, I/L		AUX	STA	GLI, LI	PCM, RC
Hitachi - ER	F	B+	E		L	IGN	AUX	N		
Hitachi - IR	FLD	B+, S	E	D+	L	IGN		STA	P	C, D
Iskra	DF	B+	D-	D+	L, 61			STA		
Lada	DF	B+, SENSE	E	L	IGN			STA		
Leece-Neville	F	B+	B-	TRIO	L	IGN		STA		
Lucas	DF	B+, D+	D-	D+	IND	IGN		STA		
Magneti Marelli	DF, 67	B+, 30	D-	D+	IND	IGN		STA		BECM
Magneton Pal	DF	B+		D+	L	IGN		STA		
Mando	FLD	B+	B-	D+	L					
Mitsubishi - ER	F	B+	E	D+	L, N	IGN	AUX	STA		
Mitsubishi - IR	F	B+, S	E	D+	L, N	IGN	AUX	STA	FR, P	D, FR, G
Motorola	FLD	S, +	B-	D+	L	IGN		STA		
Niehoff	FLD	S, +	B-	D+	L	IGN		STA		
Nikko	FLD	B+, S	B-	D+	L	IGN		STA		
Nippondenso - ER	F	B+	E	D+	L	IGN	AUX	STA		
Nippondenso - IR	F	B+, S	E	D+	L	IGN	AUX	STA	FR	ELD
Prestolite	FLD	B+	B-	TRIO	L	IGN		STA		
Valeo*	DF	B+, S, +	D-	D+	L, IND	IGN		W, STA	F	PCM

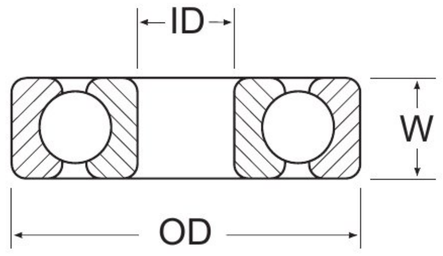
*Valeo includes: Ducellier, French Motorola, Paris Rhone, SEV Marchal

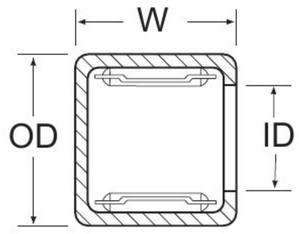
If the WAI terminal designation is different from the OEM terminal then the WAI designation will be displayed inside parentheses.



DIMENSION REFERENCE GUIDE

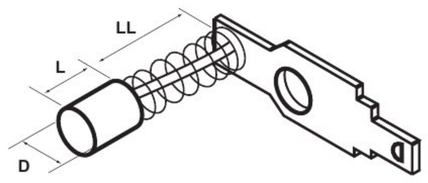
BALL BEARINGS & ROLLER BEARINGS

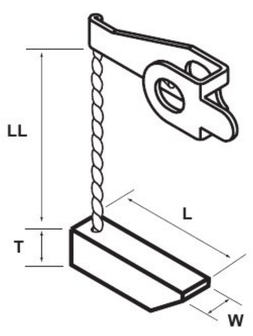


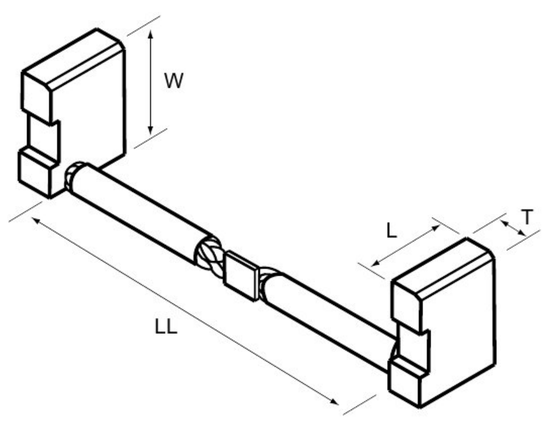


ID = Inside Diameter
OD = Outside Diameter
W = Width

BRUSHES

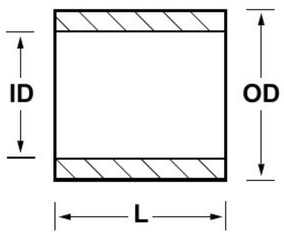






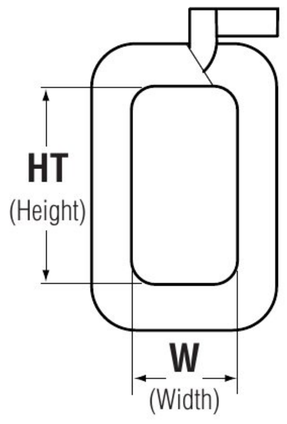
D = Brush Diameter
L = Brush Length
LL = Lead Length
T = Brush Thickness*
W = Brush Width*
*Thickness vs width: thickness will always be the smaller dimension.

BUSHINGS



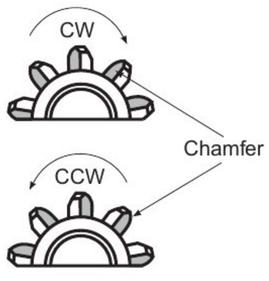
ID = Inside Diameter
OD = Outside Diameter
L = Length

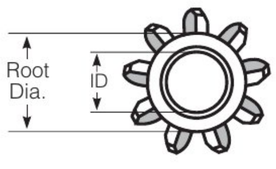
FIELD COILS



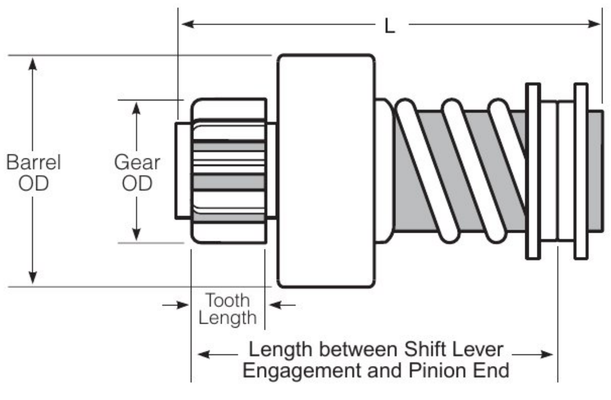
HT = Height of pole shoe opening
W = Width of pole shoe opening

STARTER DRIVES



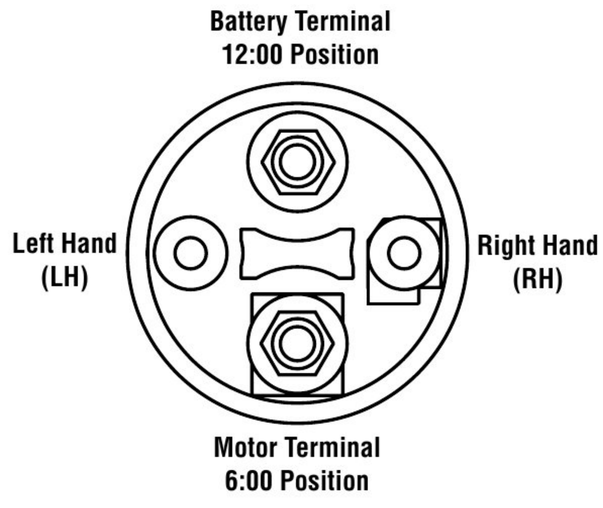


T= No. of Teeth
SPL= No. of Splines



CW = Clockwise Rotation
CCW = Counter Clockwise Rotation
Gear OD = Outside Diameter of pinion gear
ID = Inside Diameter for armature shaft
L = Overall Length
T = Number of pinion gear teeth
SPL = Number of splines mating with armature

SOLENOID SWITCHES

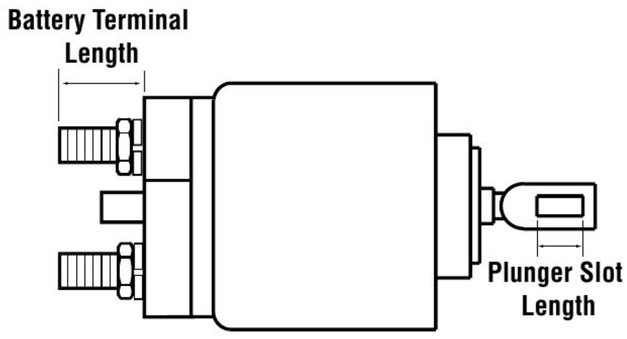


Location of the Switch or Relay Terminals

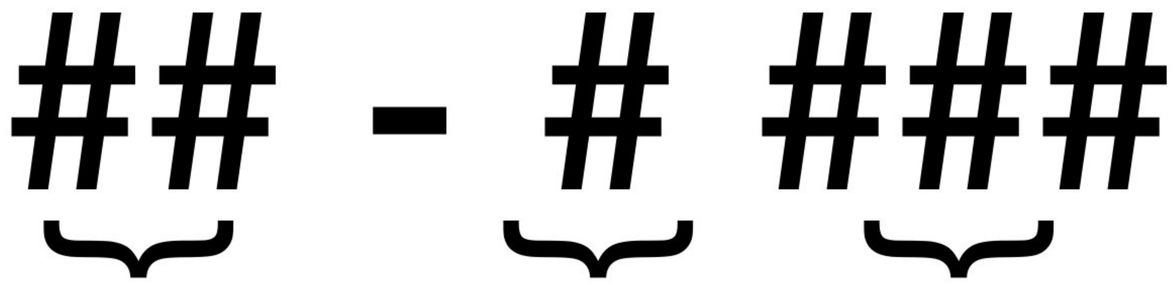
References to the location of the switch or relay terminals are made viewing the front of the solenoid cap with the battery terminal at the 12:00 clock position and the motor terminal at the 6:00 clock position.
RH = Right Hand; **LH** = Left Hand

Length of Battery Terminal

References to the length of the battery terminal are measured from the end of the battery terminal to the solenoid cap surface.



NUMBERING SYSTEM GUIDE



WAI PRODUCT CODE
Identifies the part category and is indicated by the numbers before the dash.

WAI ELECTRICAL SYSTEM CODE
Identifies the electrical-system manufacturer and is indicated by the numbers after the dash.

SEQUENTIAL NUMBER CODE
Identifies a particular type of part within a part category and is indicated by the numbers after the electrical code.

WAI Product Code (## - # ###)

UNITS

1- Alternators
2- Starters
3- Generators

BEARINGS

6- Ball Bearings
8- Roller Bearings and Races
10- Special Ball Bearings
12- Tolerance Rings

ALTERNATORS & PARTS

20- Domestic Alternators ①
21- Frames, Drive-End
22- Frames, Slip Ring-End
24- Pulleys
25- Fans & Baffles
26- Alternator Kits
27- Stators
28- Rotors
31- Rectifiers ③
32- Diodes
33- Diode Trios ③
35- Voltage Regulators ③
38- Brushes
39- Brush Holders
41- Gaskets & Seals
42- Insulators
46- Misc. Alternator Parts
48- Sub-Assys.
49- Misc. Kits

STARTERS & PARTS

4- Accurate New Starter Drives
7- Accurate New Solenoids
9- Accurate New Switches
50- Domestic Starters ②
51- Frames, Drive-End
52- Frames, Commutator-End
53- Frames, Center-Support
54- Starter Drives
55- Shift Levers
56- Starter Kits
57- Field Housings
58- Pole Shoes
59- Field Coils
61- Armatures
62- Bushings
66- Solenoids
67- Switches
68- Brushes
69- Brush Holders
71- Gaskets & Seals
72- Insulators
76- Misc. Starter Parts
78- Sub-Assys.
79- Misc. Kits

GENERATOR & MOTOR PARTS

81- Generator Parts
82- Motor Parts

HARDWARE

84- Hardware, Standard
85- Hardware, Metric

EQUIPMENT & SHOP SUPPLIES

87- Catalogs
88- Equipment
89- Shop Supplies

① 20- domestic alternator part numbers are being replaced by 1- part numbers.
② 50- domestic starter part numbers are being replaced by 2- part numbers.
③ Most Rectifiers, Regulators & Trios are now under the Transpo part numbers.

WAI Electrical System Code (## - # ###)

DOMESTIC

-1 Delco
-2 Ford
-3 Chrysler
-4 Motorola
-5 Leece-Neville
-6 Prestolite
-7 Miscellaneous

IMPORT, ASIAN

-81 Hitachi
-82 Nippondenso
-83 Mitsubishi
-84 Nikko
-85 Mitsuba
-86 Mando
-89 Miscellaneous Asian

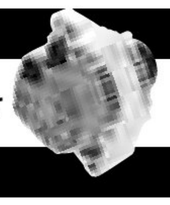
IMPORT, EUROPEAN

-91 Bosch
-92 Lucas
-93 Marelli
-94 Valeo
-95 Iskra
-99 Miscellaneous European

Note: Electrical System Code does not apply to...
Units: 1-, 2-, 3- part numbers
Universal parts: Bearings (6-, 10-), Hardware (84-, 85-), Shop Supplies (87-, 88-, 89-)
Transpo & Accurate part numbers

WAI Sequential Number Code (## - # ###)

1 - ALTERNATORS



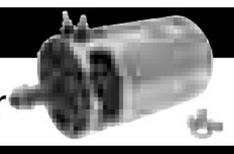
1-1000 to -9999 Complete Alternator

2 - STARTERS



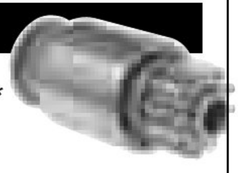
2-1000 to -9999 Complete Starter

3 - GENERATORS



3-1000 to -9999 Complete Generator

4 - ACCURATE STARTER DRIVES



4-100 to -9999 Accurate New Starter Drives*
*Note: WAI drives are 54- part number.

6 - BALL BEARINGS



6-100	6000 Series
6-200	6200 Series
6-300	6300 Series
6-400	6400 Series
6-600	600 Series
6-700	R Series
6-900	6900 Series
6-2200	62200 Series
6-2300	62300 Series
6-3200	W6200 Series
6-3300	W6300 Series
6-8000	8000 Series

Suffix (Example):

6-203	Open Bearing (No Suffix)
6-203- 1	Single Shield (Z)
6-203- 2	Double Shields (ZZ)
6-203- 3	Single Seal (RS)
6-203- 4	Double Seals (2RS)

7 - ACCURATE SOLENOID SWITCHES



7-100 to -9999 Accurate New Solenoids*
*Note: WAI solenoids are 66- part number.

8 - NEEDLE/ROLLER BEARINGS & RACES



8-# 00 to 999 Needle/Roller Brg. & Race

9 - ACCURATE SWITCHES

9-100 to -9999 Accurate New Series Parallel Switches*
*Note: WAI switches are 67- part number.

10 - SPECIAL BEARINGS



10-000 to 9999 Special Bearing

12 - TOLERANCE RINGS



12-000 to 9999 Tolerance Ring

20 - ALTERNATORS

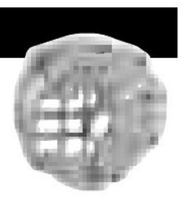
Note: 20- part numbers are being replaced with 1- numbers

21 - DRIVE END FRAMES, ALT.



21-# 00 to 999 D.E. Frame

22 - SLIP RING END FRAMES, ALT.



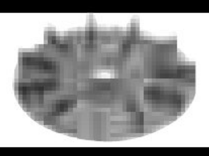
22-# 00 to 999 S.R.E. Frame

24 - PULLEYS



24-# 100 to 249	Small Bore V-Belt Pulley
24-# 250 to 499	Small Bore Multi-Belt Pulley
24-# 500 to 749	Large Bore V-Belt Pulley
24-# 750 to 999	Large Bore Multi-Belt Pulley

25 - FANS & BAFFLES



25-# 00 to 89	Fan
25-# 90 to 99	Baffle

26 - ALTERNATOR KITS

26-# 00 to 999 Alternator Kit

27 - STATORS



27-# 00 to 199	Stator
27-# 200 to 299	Lamination
27-# 300 to 499	Misc. Stator Part
27-# 500 to 599	Slot Insulation
27-# 600 to 699	Wedges

Suffix (Example):

27-101	New Stator (No Suffix)
27-101- 9	Rewound Stator

28 - ROTORS



28-# 00 to 199	Rotor
28-# 200 to 299	Coil Assy
28-# 300 to 349	Bobbin
28-# 350 to 399	Core
28-# 400 to 599	Misc. Rotor Part
28-# 600 to 699	Pole Piece
28-# 700 to 849	Shaft
28-# 850 to 999	Slip Ring

Suffix (Example):

28-113	New Rotor (No Suffix)
28-113- 9	Rewound Rotor

31 - RECTIFIERS



31-# 00 to 199	Rectifier*
31-# 200 to 299	Heat Sink
31-# 300 to 399	Insulator
31-# 400 to 599	Misc. Rectifier Part
31-# 600 to 699	Terminal Block

*Note: most rectifiers are now Transpo part numbers

32 - DIODES



32-# 00 to 999 Diode*
*Note: most diodes are WAI part numbers

33 - DIODE TRIOS



33-# 00 to 999 Diode Trio
*Note: most diode trios are Transpo part numbers

35 - VOLTAGE REGULATORS



35-# 00 to 999 Voltage Regulator*
*Note: most regulators are Transpo part numbers

WAI Sequential Number Code (## - # ###)

38 - BRUSHES, ALTERNATOR



38-# 00 to 799	Brush
38-# 800 to 999	Brush Kit

39 - BRUSH HOLDERS, ALTERNATOR



39-# 00 to 199	Brush Holder Assy.
39-# 200 to 399	Brush Holder
39-# 400 to 499	Insulator
39-# 500 to 699	Misc. Brush Holder Part
39-# 700 to 799	Brush Spring

41 - GASKETS & SEALS, ALTERNATOR



41-# 100 to 299	Gasket or Seal
41-# 300 to 499	Grommet, Boot
41-# 500 to 699	O-Ring
41-# 700 to 899	Oil Seal, Dust Seal

42 - INSULATORS, ALTERNATOR



42-# - 100 to 999	Insulator

46 - MISC. PARTS, ALTERNATOR



46-# 100 to 149	Capacitor
46-# 150 to 199	Terminal Post
46-# 200 to 249	Terminal Block
46-# 250 to 299	Lead
46-# 300 to 399	Connector or Bracket
46-# 400 to 499	Cover
46-# 500 to 549	Retainer
46-# 550 to 599	Sleeve
46-# 600 to 699	Spacer
46-# 700 to 799	Metal Stamping
46-# 800 to 849	Plug or Harness
46-# 850 to 999	Misc. Alternator Part

48 - SUB-ASSEMBLIES, ALTERNATOR

48-# 00 to 999	Sub-Assembly

49 - MISC. KITS, ALTERNATOR



49-# 100 to 499	Repair Kit
49-# 500 to 699	Terminal Kit

50 - STARTERS

Note: 50- part numbers are being replaced with 2- numbers.

51 - DRIVE END HOUSINGS, STR.



51-# 00 to 999	D.E. Housing

52 - COMMUTATOR END FRAMES, STR.



52-# 00 to 999	C.S. Frame

53 - CENTER SUPPORTS, STR.



53-# 00 to 999	

54 - STARTER DRIVES



54-# 00 to 199	Starter Drive*
54-# 200 to 399	Pinion*
54-# 400 to 499	Clutch*
54-# 500 to 599	Roller
54-# 600 to 699	Drive Spring
54-# 700 to 799	Drive Body
54-# 800 to 999	Misc. Drive Part

*Note: Accurate drives are 4- part number.

55 - SHIFT LEVERS



55-# 00 to 199	Shift Lever
55-# 200 to 299	Pin
55-# 300 to 399	Button
55-# 400 to 499	Misc. Shift Lever Part

56 - STARTER KITS

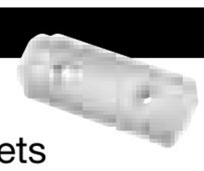
56-# 00 to 999	Starter Kit

57 - FIELD HOUSINGS



57-# 00 to 199	Field Case
57-# 200 to 299	Field Case Assy.
57-# 300 to 399	Field Case Kit
57-# 400 to 499	Sub-Assembly
57-# 500 to 599	Misc. Field Case Part

58 - POLE SHOES



58-# 00 to 499	Pole Shoe
58-# 500 to 999	Permanent Magnets

59 - FIELD COILS



59-# 00 to 899	Field Coil
59-# 900 to 999	Shunt Coil

61 - ARMATURES, STARTER



61-# 00 to 199	Armature
61-# 200 to 299	Commutator
61-# 300 to 399	Hairpin Coil
61-# 400 to 499	Slot Insulation
61-# 500 to 599	End Fiber Insulator
61-# 600 to 699	Lamination
61-# 700 to 799	Misc. Armature Part
61-# 800 to 999	Shaft

Suffix (Example):

61-127	New Armature (No Suffix)
61-101-9	Remanufactured Armature

62 - BUSHINGS, STARTER



62-# 100 to 199	.000" - .199" ID
62-# 200 to 299	.200" - .299" ID
62-# 300 to 399	.300" - .399" ID
62-# 400 to 499	.400" - .499" ID
62-# 500 to 599	.500" - .599" ID
62-# 600 to 699	.600" - .699" ID
62-# 700 to 799	.700" - .799" ID
62-# 800 to 899	.800" - .899" ID
62-# 900 to 999	.900" - up ID

Suffix (Example):

62-1400	Standard Size (No Suffix)
62-1400-1	.0025" Undersize (X)
62-1400-2	.0050" Undersize (XX)
62-1400-3	.0075" Undersize (XXX)
62-1400-4	.0100" Undersize (XXXX)
62-1400-7	Oversize Bushing
62-1400-8	Split Bushing

WAI Sequential Number Code (## - # ###)

66 - SOLENOID SWITCHES



66-# 00 to 199	Solenoid Switch Assy.*
66-# 200 to 299	Cap Assy. or Plate Assy.
66-# 300 to 349	Cap or Plate
66-# 350 to 399	Stationary Contact or Term.
66-# 400 to 449	Gasket, Seal or Insulator
66-# 450 to 499	Solenoid Coil
66-# 500 to 549	Soln. Body w/ Coil Assy.
66-# 550 to 599	Spring
66-# 600 to 649	Plunger
66-# 650 to 699	Movable Contact
66-# 700 to 749	Movable Contact Assy.
66-# 750 to 999	Misc. Solenoid Part

*Note: Accurate solenoids are 7- part number.

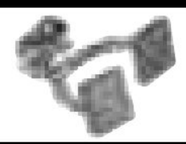
67 - SWITCHES



67-# 00 to 199	Switch Assy.*
67-# 200 to 249	Cap Assy
67-# 250 to 299	Cap
67-# 300 to 349	Coil Assy.
67-# 350 to 399	Coil
67-# 400 to 449	Breaker Point or Collar Assy.
67-# 450 to 499	Breaker Point or Collar
67-# 500 to 549	Gasket, Seal or Insulator
67-# 550 to 599	Spring
67-# 600 to 649	Plunger
67-# 650 to 699	Movable Contact
67-# 700 to 749	Movable Contact Assy.
67-# 800 to 999	Misc. Switch Part

*Note: Accurate switches are 7-, 9- part numbers.

68 - BRUSHES, STARTER



68-# 00 to 799	Brush
68-# 800 to 999	Brush Kit

69 - BRUSH HOLDERS, STARTER



69-# 00 to 199	Brush Holder Assy.
69-# 200 to 399	Brush Holder
69-# 400 to 499	Insulator
69-# 500 to 699	Misc. Brush Holder Part
69-# 700 to 799	Brush Spring

71 - GASKETS & SEALS, STARTER



71-# 100 to 299	Gasket or Seal
71-# 300 to 499	Grommet, Boot or Plug
71-# 500 to 699	O-Ring
71-# 700 to 899	Oil Seal

72 - INSULATORS, STARTER



72-# 100 to 999	Insulator

76 - MISC. PARTS, STARTER

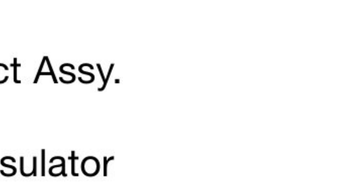


76-# 100 to 199	Band or Cover
76-# 200 to 249	Sleeve
76-# 250 to 299	Bracket or Connector
76-# 300 to 499	Metal Stamping
76-# 500 to 549	Contact Post or Spring
76-# 550 to 599	Terminal Post
76-# 600 to 699	Lead Wire
76-# 700 to 749	Spring
76-# 800 to 999	Misc. Starter Part

78 - SUB ASSEMBLIES, STARTER

78-# 00 to 999	Sub-Assembly

79 - MISC. KITS, STARTER



79-# 100 to 299	Repair Kit
79-# 300 to 499	Seal Kit
79-# 500 to 699	Terminal Kit

81 - GENERATOR PARTS



81-# 100 to 199	Armature
81-# 200 to 299	Brush
81-# 300 to 399	Bushing
81-# 400 to 499	End Frame
81-# 500 to 599	Field Coil
81-# 600 to 699	Misc. Generator Part
81-# 700 to 774	Pulley
81-# 775 to 799	Fan
81-# 800 to 999	Repair Kit
81-# 900 to 999	Generator Regulator

82 - MOTOR PARTS



82-# 100 to 149	Armature
82-# 150 to 199	Brush
82-# 200 to 249	Bushing
82-# 250 to 299	End Frame
82-# 300 to 349	Field Case or Case Assy.
82-# 350 to 399	Field Coil
82-# 400 to 449	Terminal Post
82-# 450 to 499	Contact or Contact Assy.
82-# 500 to 549	Repair Kit
82-# 600 to 699	Gasket, Seal or Insulator
82-# 700 to 799	Metal Stamping
82-# 850 to 899	Complete Motor
82-# 900 to 999	Misc. Motor Part

84 - HARDWARE, STANDARD



84-1	Screw
84-2	Nut
84-3	Rivet
84-4	Metal Washer
84-5	Pin
84-6	Woodruff Key
84-7	Insulating Washer
84-8	Retainer
84-9	Special Fastener

Sizes:

84-# 100 to 199	No. 2 - 6 (.086" - .163")
84-# 200 to 299	No. 8 (.164" - .189")
84-# 300 to 399	No. 10 - 12 (.190" - .249")
84-# 400 to 499	1/4 - 5/16 (.250" - .374")
84-# 500 to 599	3/8 - 7/16 (.375" - .499")
84-# 600 to 699	1/2 - 5/8 (.500" - .749")
84-# 700 to 799	3/4 - Up (.750" - up)
84-# 900 to 999	Misc. Standard Hardware

WAI Sequential Number Code (## - # ###)

85 - HARDWARE, METRIC



85-1	Screw
85-2	Nut
85-3	Rivet
85-4	Metal Washer
85-5	Pin
85-6	Woodruff Key
85-7	Insulating Washer
85-8	Retainer
85-9	Special Fastener
Sizes:	
85-# 100 to 199	1 - 2 mm
85-# 200 to 299	3 - 4 mm
85-# 300 to 399	5 - 6 mm
85-# 400 to 499	7 - 8 mm
85-# 500 to 599	10 - 12 mm
85-# 600 to 699	14 - 16 mm

87 - CATALOGS

87-100 to 999	Catalogs

88 - EQUIPMENT

88-100 to 999	Equipment or Accessories

89 - SHOP SUPPLIES

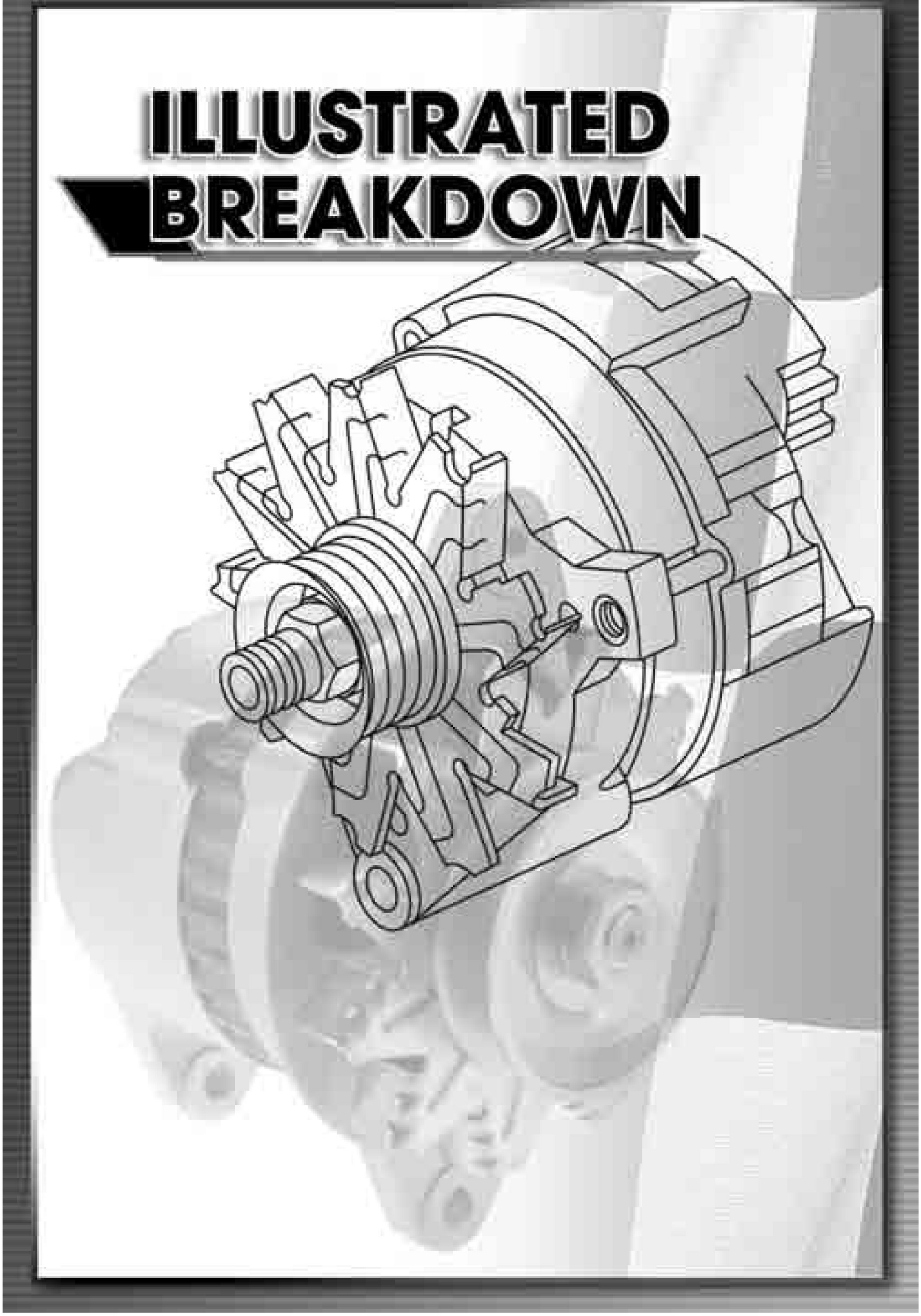
89-100 to 999	Shop Supplies



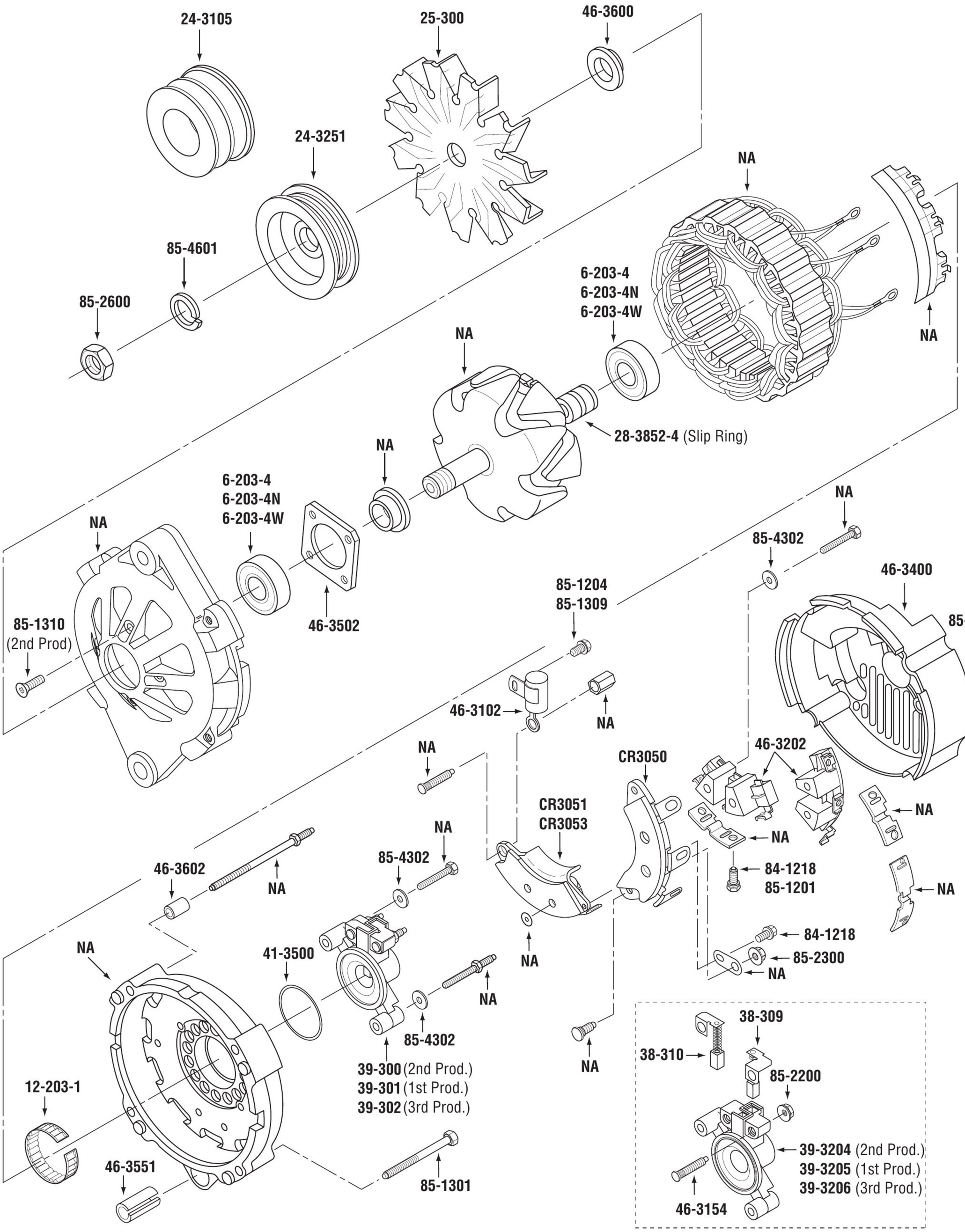
TRANSPO Part Number Code (######)

BM	Ignition Module - Bosch
BR	Regulator/Rectifier - Briggs Stratton
C	Regulator - Chrysler
CE	Regulator - CAV
CM	Ignition Module - Chrysler
CR	Rectifier - Chrysler
D	Regulator - Delco
DE	Regulator - Delco (non-USA)
DER	Rectifier - Delco (non-USA)
DET	Diode Trio - Delco (non-USA)
DM	Ignition Module - Delco
DR	Rectifier - Delco
DT	Tester - Diode or Diode Trio - Delco
F	Regulator - Ford
FB	Regulator - Ford
FM	Ignition Module - Ford
FR	Rectifier - Ford
GCR	Rectifier - EZ-GO
GH	Regulator/Rectifier - Grasshopper
GR	Regulator - Ford
H	Regulator - Harley Davidson
HEC	Ignition Module w/ Coil - Bosch
HM	Ignition Module - Hitachi
HN	Ignition Module - Honda
IB	Regulator - Bosch
IBR	Rectifier - Bosch
ID	Regulator - Ducellier/Valeo
IDR	Rectifier - Ducellier/Valeo
IF	Regulator - Femsa
IH	Regulator - Hitachi
IHR	Rectifier - Hitachi
IK	Regulator - Iskra
IL	Regulator - Lucas
ILR	Rectifier - Lucas
IM	Regulator - Mitsubishi
IMR	Rectifier - Mitsubishi
IN	Regulator - Nippondenso
INP	Terminal Block - Nippondenso
INR	Rectifier - Nippondenso
IP	Regulator - Paris Rhone/Valeo
IPR	Rectifier - Paris Rhone/Valeo
IR	Regulator - Lada
IS	Regulator - SEV/Valeo
ISR	Rectifier - SEV/Valeo
IW	Regulator - Sawafuji
IX	Regulator - Marelli
IXR	Rectifier - Marelli
IY	Regulator - Mando
IYR	Rectifier - Mando
IZ	Regulator - Nikko
JDR	Regulator/Rectifier - John Deere
KH	Rectifier - Kohler
KNR	Rectifier - Kawasaki
KNV	Regulator - Kawasaki
KW	Regulator/Rectifier - Kawasaki
L	Regulator - Leece-Neville
LM	Ignition Module - Lucas
LR	Rectifier - Leece-Neville
M	Regulator - Motorola
MAP	Sensor - MAP
MER	Rectifier - Motorola/Valeo
MM	Ignition Module - Mitsubishi
MP	Regulator - Magneton Pal
MR	Rectifier - Motorola
NM	Ignition Module - Nippondenso
P	Regulator - Prestolite
PR	Rectifier - Prestolite
RM	Ignition Module - Lada
RT	Tester - Rotor
S	Regulator/Rectifier - Motorcycle
ST	Tester - Stator
TRI	Repair Circuit
TRR	Regulator/Rectifier - Mercury Marine
V	Regulator - Voyager Series
VM	Ignition Module - Valeo
VR	Voltage Reducer
VRC	Tester - Regulator
WAF	Wire Harness
XM	Ignition Module - Marelli

ILLUSTRATED BREAKDOWN

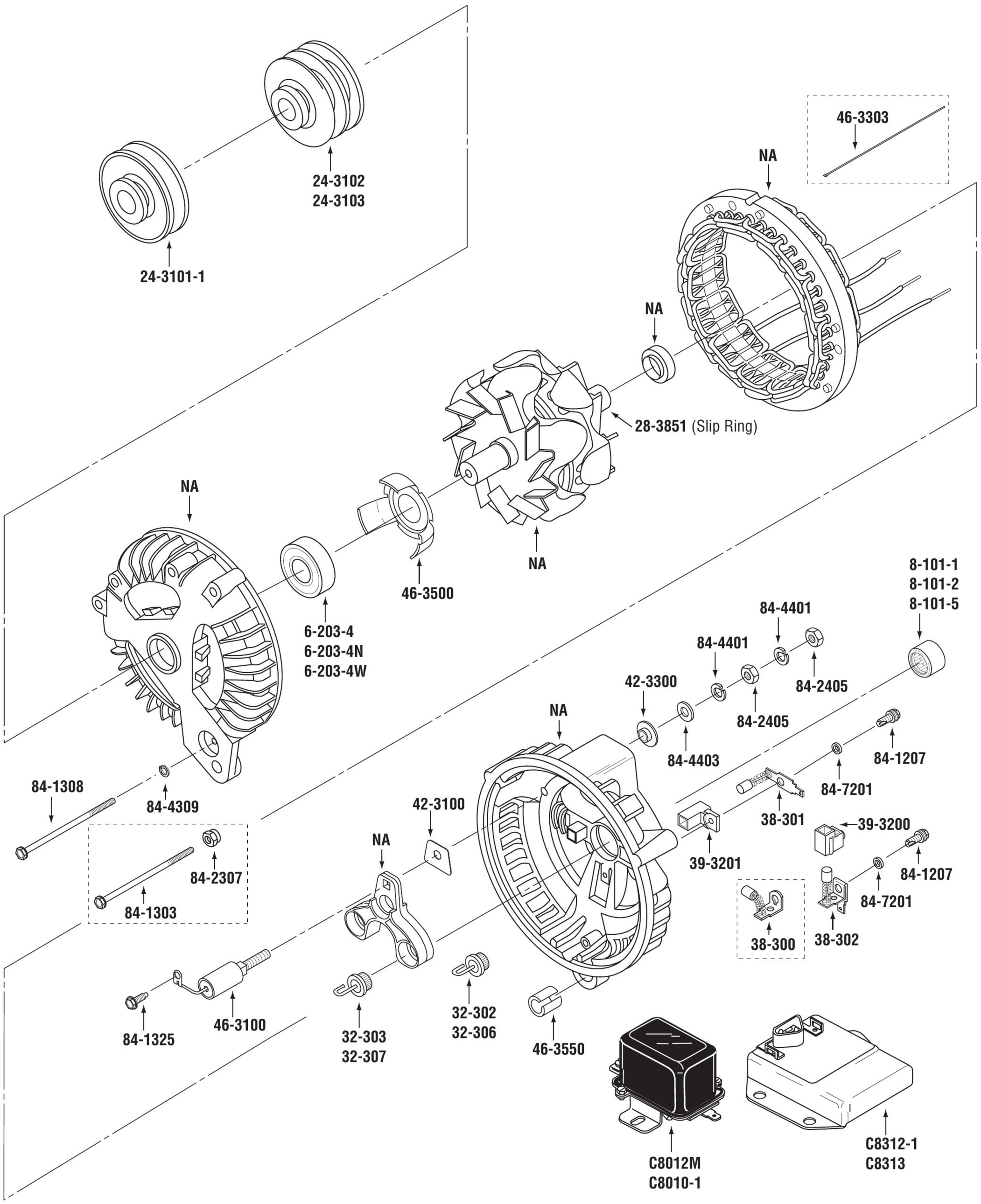


CHRYSLER 40/90 AMP, 50/120 AMP



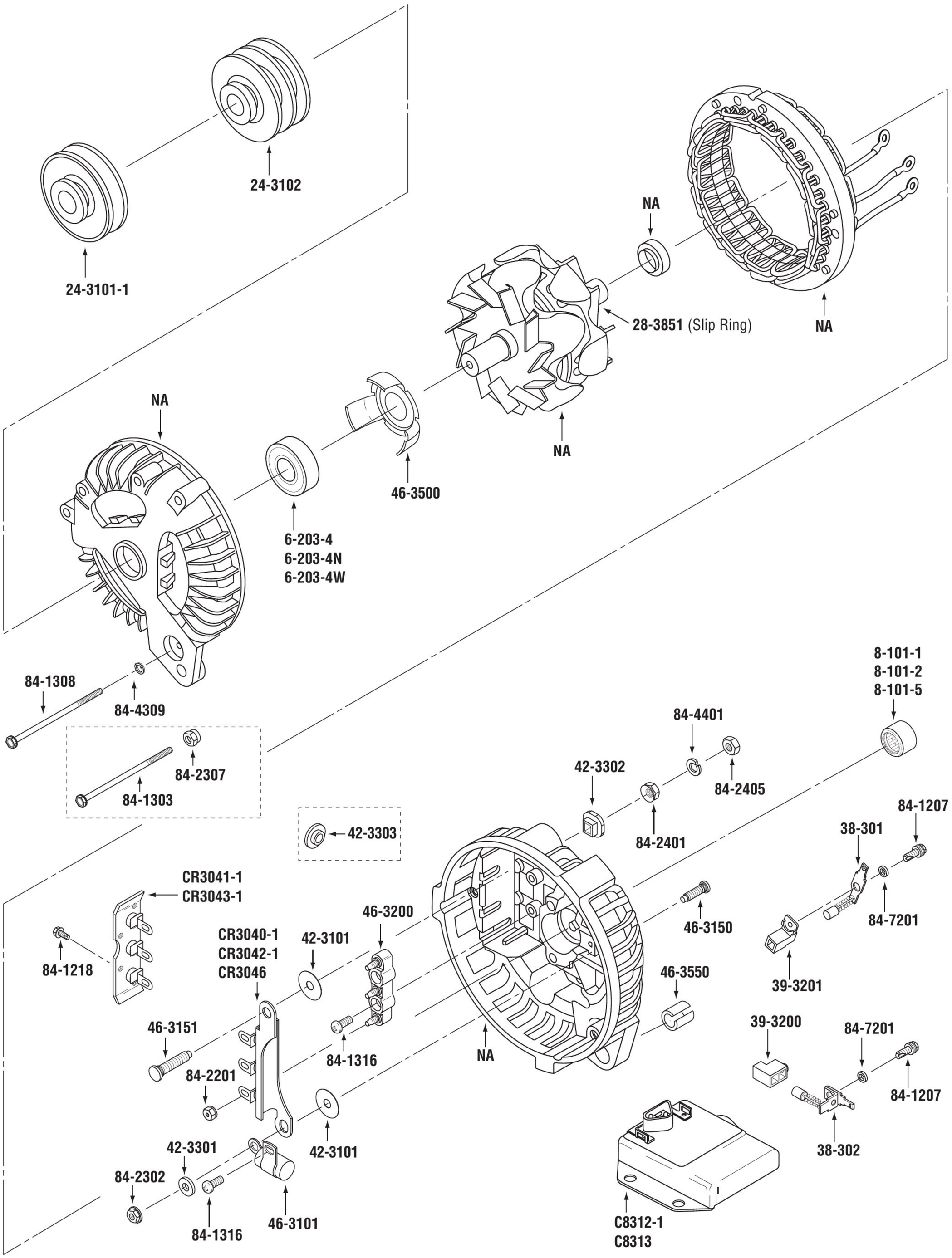
WAI No.	Description
6-203-4	BALL BEARING - D.E., S.R.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E., S.R.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E., S.R.E. (Dbl. Sealed, WBD)
12-203-1	TOLERANCE RING - 3rd Prod. Alts.
24-3105	2-GROOVE PULLEY (75mm OD)
24-3251	4-GROOVE PULLEY (72mm OD)
25-300	FAN
28-3852-4	SLIP RING - Rotor
38-309	BRUSH - Ref# C-20
38-310	BRUSH - Ref# C-21
39-300	BRUSH HOLDER ASSY. - Used on S.R.E. Frames w/ O-Ring (4mm Mtg. Holes)
39-301	BRUSH HOLDER ASSY. - Used on S.R.E. Frames w/ O-Ring (5mm Mtg. Holes)
39-302	BRUSH HOLDER ASSY. - Used on S.R.E. Frames w/ Tolerance Ring (4mm Mtg. Holes)
39-3204	BRUSH HOLDER - Used in 39-300 Brush Hold. Assy.
39-3205	BRUSH HOLDER - Used in 39-301 Brush Hold. Assy. (5mm Mtg. Holes)
39-3206	BRUSH HOLDER - Used in 39-302 Brush Hold. Assy. (4mm Mtg. Holes)
41-3500	O-RING - S.R.E. Frame, 1st, 2nd Prod. Alts.
46-3102	CAPACITOR
46-3154	TERMINAL POST - Brush Holder (M4 x 0.7 x 30mm)
46-3202	TERMINAL BLOCK (4mm Mtg. Holes)
46-3400	COVER - S.R.E. Frame, 40/90A Alts.
46-3502	BEARING RETAINER - D.E. Frame
46-3551	MOUNTING BUSHING - S.R.E. Frame
46-3600	SPACER - Fan (17mm ID x 32mm OD x 5mm L)
46-3602	SPACER - Thru Bolt
84-1218	SCREW - Rectifier, Term. Block (8-32 x 3/8 L, Hex)
85-1201	SCREW - Terminal Block (M4 x 0.7 x 13mm L, Hex)
85-1204	SCREW - Capacitor (M4 x 0.7 x 10mm L, Hex)
85-1301	THRU BOLT (M5 x 0.8 x 70mm L)
85-1309	SCREW - Capacitor (M5 x 0.8 x 12mm L, Hex)
85-1310	SCREW - Brg. Retainer, 2nd Prod. Alts. (M5 x 0.8 x 16mm L, Phillips)
85-2200	HEX NUT - Terminal Post (M4 x 0.7 x 9mm F x 4mm T, w/ Att. Washer)
85-2300	HEX NUT - Cover (M5 x 0.8 x 8mm F x 4.5mm T, w/ Att. Washer)
85-2600	HEX NUT - Pulley (M16 x 1.5 x 24mm F x 8mm T)
85-4302	FLAT WASHER - Brush Holder, Term. Block (5mm ID)
85-4601	LOCK WASHER - Pulley (16mm ID, Split)
CR3050	RECTIFIER (wo/ Term.)
CR3051	RECTIFIER (M6 x 1.0 Term., 50A Diodes)
CR3053	RECTIFIER (M6 x 1.0 Term., 70A Diodes)

CHRYSLER ROUND BACK



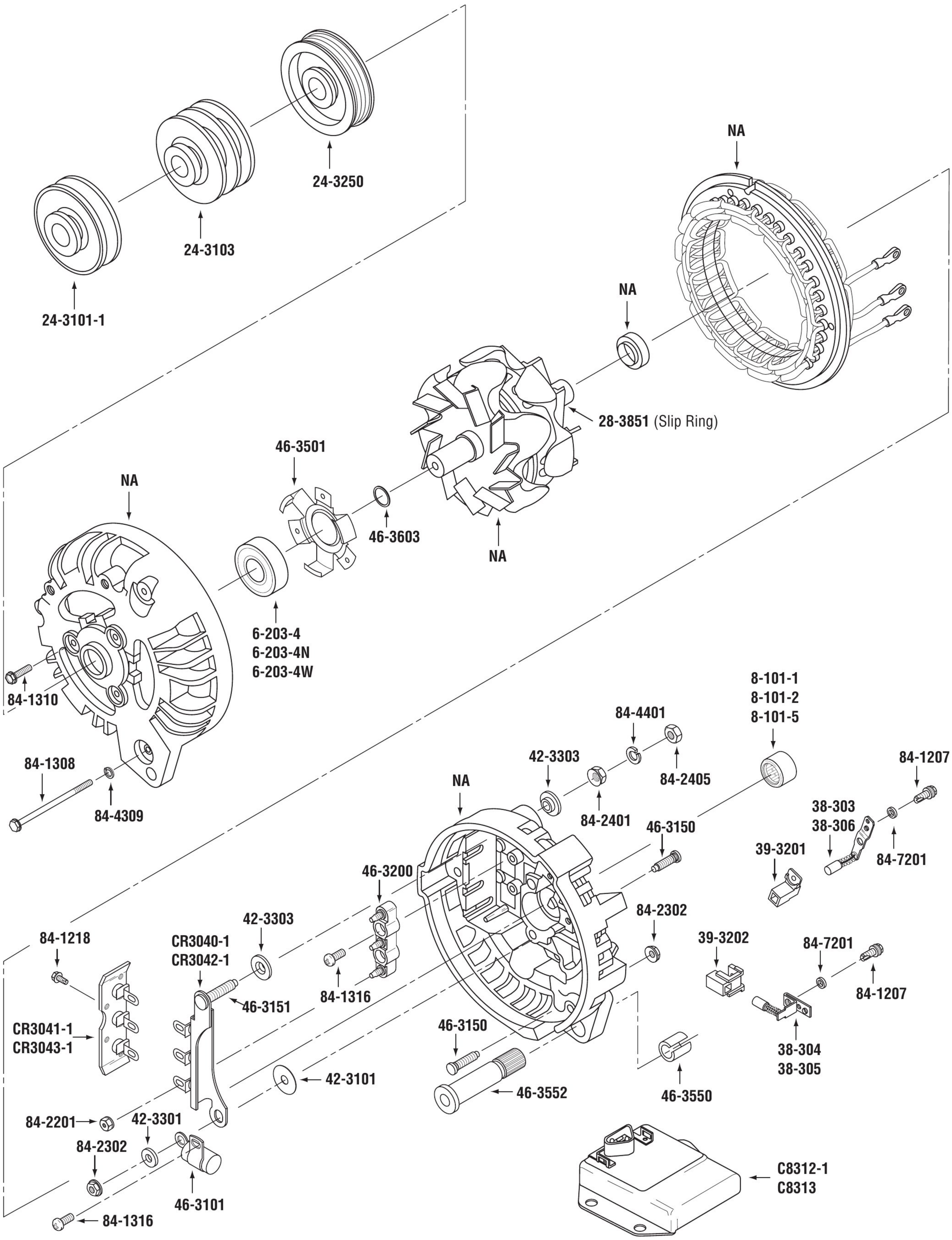
WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
24-3101-1	1-GROOVE PULLEY (68mm OD, Machined Steel Pulley)
24-3102	2-GROOVE PULLEY (13mm Belts x 82mm OD)
24-3103	2-GROOVE PULLEY (10mm Belts x 68mm OD, Machined Steel Pulley)
28-3851	SLIP RING - Rotor
32-302	NEGATIVE DIODE (25A/100V)
32-303	POSITIVE DIODE (25A/100V)
32-306	NEGATIVE DIODE (35A/200V)
32-307	POSITIVE DIODE (35A/200V)
38-300	BRUSH - Ref# C-1, Early Style
38-301	BRUSH - Ref# C-8
38-302	BRUSH - Ref# C-1T
39-3200	BRUSH HOLDER - Used w/ 38-300, 38-302 Brush
39-3201	BRUSH HOLDER - Used w/ 38-301 Brush
42-3100	INSULATOR - Heat Sink (Mica)
42-3300	INSULATOR - Capacitor Post
46-3100	CAPACITOR
46-3303	REPAIR CONNECTOR - Stator Lead
46-3500	BEARING RETAINER - D.E. Frame
46-3550	MOUNTING BUSHING - S.R.E. Frame
84-1207	SCREW - Brush Holder (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1303	SALVAGE THRU BOLT - Used w/ 84-2307 Lock Nut (10-32 x 3-3/4 L)
84-1308	THRU BOLT (10-32 x 3-1/8 L)
84-1325	SCREW - Capacitor Lead (10-32 x 3/8 L, Slotted Hex, Thd. Cut.)
84-2307	HEX NUT - Salvage Thru Bolt (10-32 x 3/8 F x 1/4 T, Nylon Lock)
84-2405	HEX NUT - Capacitor Lead (1/4-20 x 7/16 F x 7/32 T)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4401	LOCK WASHER - Capacitor Lead (1/4 ID, Split)
84-4403	FLAT WASHER - Capacitor Lead (1/4 ID)
84-7201	INSULATING WASHER - Brush Holder (1/4 ID)
C8010-1	REGULATOR (Solid State)
C8012M	REGULATOR (Mechanical)
C8312-1	REGULATOR (Solid State)
C8313	REGULATOR (Solid State, Heavy Duty)

CHRYSLER SQUARE BACK



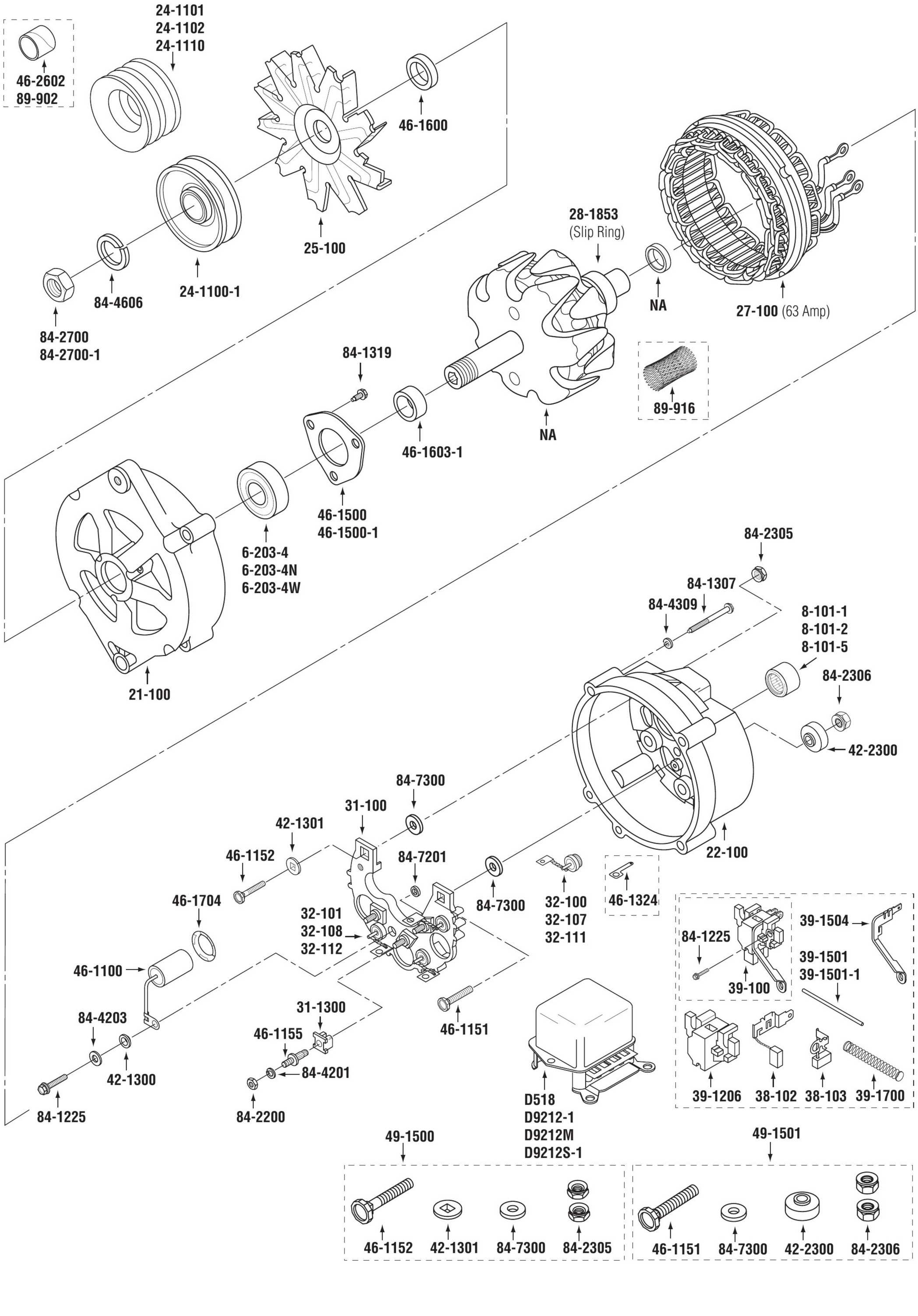
WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
24-3101-1	1-GROOVE PULLEY (68mm OD, Machined Steel Pulley)
24-3102	2-GROOVE PULLEY (13mm Belts x 82mm OD)
28-3851	SLIP RING - Rotor
38-301	BRUSH - Ref# C-8
38-302	BRUSH - Ref# C-1T
39-3200	BRUSH HOLDER - Used w/ 38-302 Brush
39-3201	BRUSH HOLDER - Used w/ 38-301 Brush
42-3101	INSULATOR - Heat Sink (Mica)
42-3301	INSULATOR - Capacitor
42-3302	INSULATOR - Batt. Term. (Square)
42-3303	INSULATOR - Batt. Term. (Round)
46-3101	CAPACITOR
46-3150	STUD - Capacitor, Heat Sink (10-24 x 15/l6)
46-3151	BATTERY TERMINAL (1/4-20 x 1-5/16)
46-3200	TERMINAL BLOCK
46-3500	BEARING RETAINER - D.E. Frame
46-3550	MOUNTING BUSHING - S.R.E. Frame
84-1207	SCREW - Brush Holder (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1218	SCREW - Neg. Rectifier (8-32 x 3/8 L, Hex)
84-1303	SALVAGE THRU BOLT - Used w/ 84-2307 Lock Nut (10-32 x 3-3/4 L)
84-1308	THRU BOLT (10-32 x 3-1/8 L)
84-1316	SCREW - Capacitor, Term. Block (10-24 x 1/2 L, Phillips, Thd. Cut.)
84-2201	HEX NUT - Stator Term. (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2302	HEX NUT - Capacitor (10-24 x 3/8 F x 9/32 T, Serrated Flange)
84-2307	HEX NUT - Salvage Thru Bolt (10-32 x 3/8 F x 1/4 T, Nylon Lock)
84-2401	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 3/16 T, w/ Att. Washer)
84-2405	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 7/32 T)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term. (1/4 ID, Split)
84-7201	INSULATING WASHER - Brush Holder (1/4 ID)
C8312-1	REGULATOR (Solid State)
C8313	REGULATOR (Solid State, Heavy Duty)
CR3040-1	POSITIVE RECTIFIER - w/ Batt. Post (25A Diodes)
CR3041-1	NEGATIVE RECTIFIER (25A Diodes)
CR3042-1	POSITIVE RECTIFIER - w/ Batt. Post (50A Diodes)
CR3043-1	NEGATIVE RECTIFIER (50A Diodes)
CR3046	POSITIVE RECTIFIER - wo/ Batt. Post (25A Diodes)

CHRYSLER SQUARE BACK, REVISED



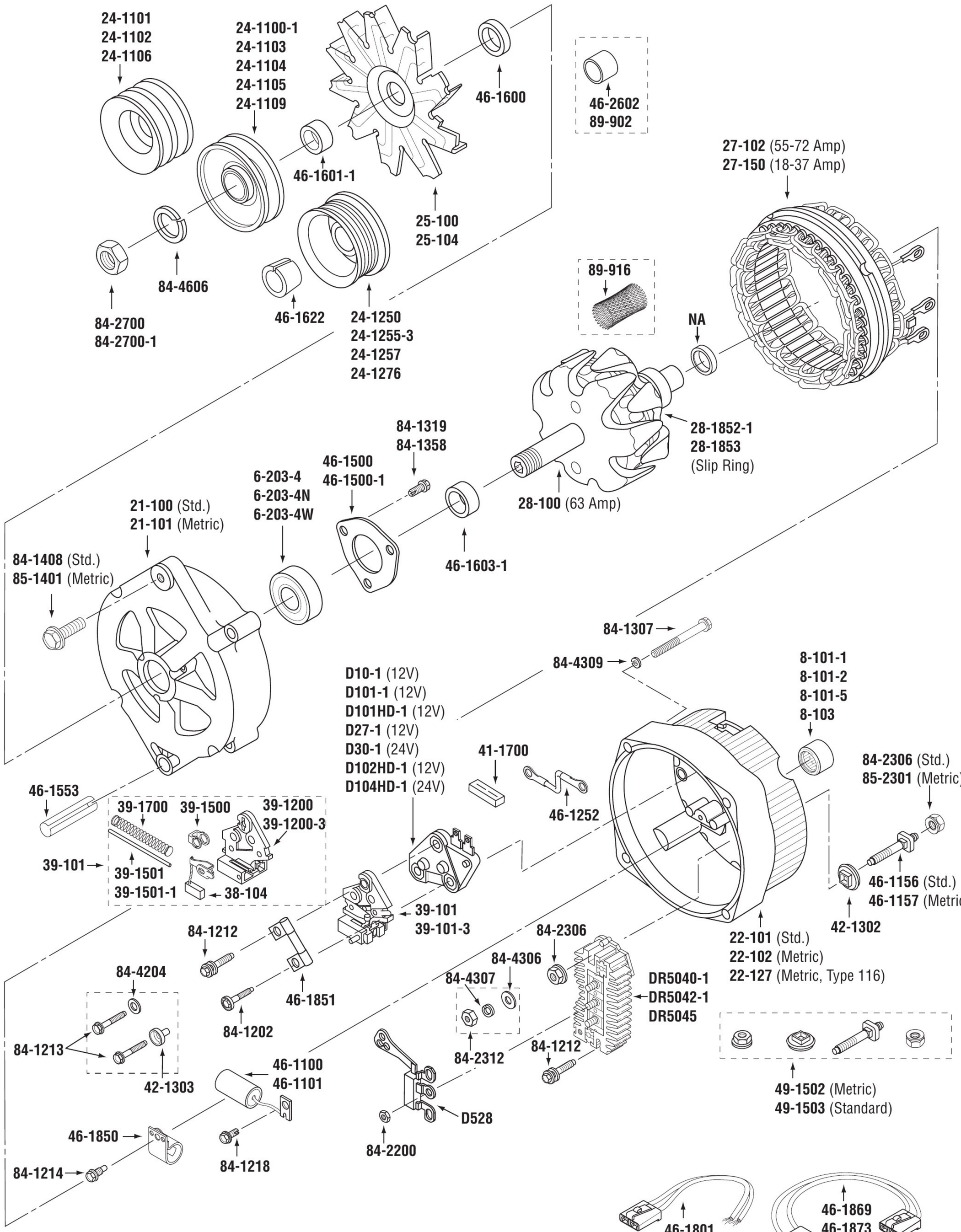
WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
24-3101-1	1-GROOVE PULLEY (68mm OD, Machined Steel Pulley)
24-3103	2-GROOVE PULLEY (10mm Belts x 68mm OD, Machined Steel Pulley)
24-3250	4-GROOVE PULLEY (72mm OD)
28-3851	SLIP RING - Rotor
38-303	BRUSH - Ref# C-16
38-304	BRUSH - Ref# C-15
38-305	BRUSH - Ref# C-17 (8-32 Terminal)
38-306	BRUSH - Ref# C-18 (8-32 Terminal)
39-3201	BRUSH HOLDER - Used w/ 38-303, 38-306 Brush
39-3202	BRUSH HOLDER - Used w/ 38-304, 38-305 Brushes
42-3101	INSULATOR - Heat Sink (Mica)
42-3301	INSULATOR - Capacitor
42-3303	INSULATOR - Batt. Term. (Round)
46-3101	CAPACITOR
46-3150	STUD - Capacitor, Heat Sink (10-24 x 15/l6)
46-3151	BATTERY TERMINAL (1/4-20 x 1-5/16)
46-3200	TERMINAL BLOCK
46-3501	BEARING RETAINER - D.E. Frame
46-3550	MOUNTING BUSHING - S.R.E. Frame
46-3552	MOUNTING FERRULE
46-3603	SPACER - Rotor
84-1207	SCREW - Brush Holder (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1218	SCREW - Neg. Rectifier (8-32 x 3/8 L, Hex)
84-1308	THRU BOLT (10-32 x 3-1/8 L)
84-1310	SCREW - Brg. Retainer (10-16 x 3/4 L, Hex)
84-1316	SCREW - Capacitor, Term. Block (10-24 x 1/2 L, Phillips, Thd. Cut.)
84-2201	HEX NUT - Stator Term. (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2302	HEX NUT - Capacitor (10-24 x 3/8 F x 9/32 T, Serrated Flange)
84-2401	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 3/16 T, w/ Att. Washer)
84-2405	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 7/32 T)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term. (1/4 ID, Split)
84-7201	INSULATING WASHER - Brush Holder (1/4 ID)
C8312-1	REGULATOR (Solid State)
C8313	REGULATOR (Solid State, Heavy Duty)
CR3040-1	POSITIVE RECTIFIER - w/ Batt. Post (25A Diodes)
CR3041-1	NEGATIVE RECTIFIER (25A Diodes)
CR3042-1	POSITIVE RECTIFIER - w/ Batt. Post (50A Diodes)
CR3043-1	NEGATIVE RECTIFIER (50A Diodes)

DELCO 10DN SERIES



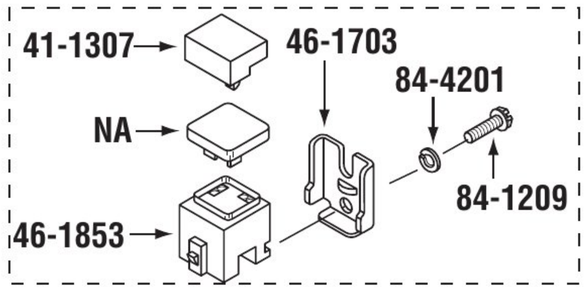
WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
21-100	D.E. FRAME (5/16-18 Mtg. Ear)
22-100	S.R.E. FRAME
24-1100-1	1-GROOVE PULLEY (10mm Belt x 67mm OD)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)
24-1102	2-GROOVE PULLEY (13mm Belts x 71mm OD)
24-1110	2-GROOVE PULLEY (10mm Belts x 69mm OD)
25-100	FAN
27-100	STATOR - 37-63A
28-1853	SLIP RING - Rotor (18.3mm ID x 30mm OD)
31-100	POSITIVE RECTIFIER (35A Diodes)
31-1300	INSULATOR - Rectifier
32-100	NEGATIVE DIODE (25A/50V)
32-101	POSITIVE DIODE (25A/50V)
32-107	NEGATIVE DIODE (25A/100V)
32-108	POSITIVE DIODE (25A/100V)
32-111	NEGATIVE DIODE (35A)
32-112	POSITIVE DIODE (35A)
38-102	BRUSH - Ref# R-99
38-103	BRUSH - Ref# R-100
39-100	BRUSH HOLDER ASSY.
39-1206	BRUSH HOLDER
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1504	TERMINAL - Brush Holder
39-1700	BRUSH SPRING - Brush
42-1300	INSULATOR - Capacitor Mtg.
42-1301	INSULATOR - Grd. Term.
42-2300	INSULATOR - Batt. Term. (1/4 ID, Red)
46-1100	CAPACITOR (.5mf)
46-1151	BATTERY TERMINAL (12-24 x 1-3/8)
46-1152	GROUND TERMINAL (10-32 x 1-1/4)
46-1155	STUD - Rectifier
46-1324	REPAIR LEAD - Diode
46-1500	BEARING RETAINER - D.E. Frame
46-1500-1	BEARING RETAINER - D.E. Frame
46-1600	SPACER - Fan (22.23mm OD x 5mm L)
46-1603-1	SPACER - Rotor (22.23mm OD x 9.5mm L)
46-1704	CAPACITOR RETAINER
46-2602	SPACER - Packaging (Metal)
49-1500	TERMINAL KIT - Grd.
49-1501	TERMINAL KIT - Battery
84-1225	SCREW - Brush Holder, Capacitor (8-32 x 1 L, Hex, Thd. Form.)
84-1307	THRU BOLT (10-24 x 2-1/8 L)
84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2305	HEX NUT - Grd. Term. (10-32 x 3/8 F x 1/8 T, w/ Att. Washer)
84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4201	LOCK WASHER - Rectifier (#8 ID, Split)
84-4203	FLAT WASHER - Rectifier (#8 ID)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
84-7201	INSULATING WASHER - Capacitor Screw (1/4 ID)
84-7300	INSULATING WASHER - Batt. Term., Grd. Term. (#12 ID)
89-902	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
D518	REGULATOR - 24V (Solid State)
D9212-1	REGULATOR - 12V (Solid State)
D9212M	REGULATOR - 12V (Electro-mechanical Relay)
D9212S-1	REGULATOR - 12V (Solid State, Heavy Duty)

DELCO 10SI SERIES

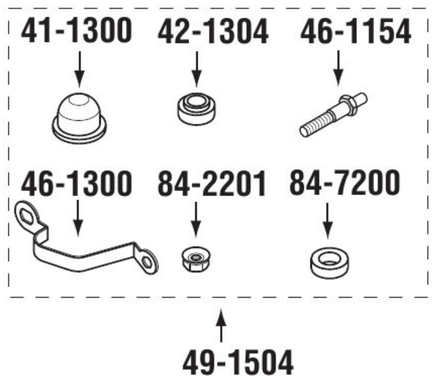


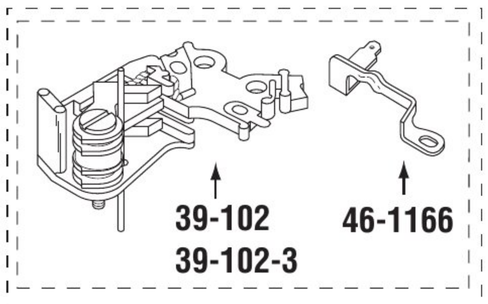
WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
8-103	NEEDLE BEARING - S.R.E., Type 116 & 136
21-100	D.E. FRAME (5/16-18 Mtg. Ear)
21-101	D.E. FRAME (M8 x 1.25 Mtg. Ear)
22-101	S.R.E. FRAME (5/16-18 Mtg. Hole)
22-102	S.R.E. FRAME (M8 x 1.25 Mtg. Hole)
22-127	S.R.E. FRAME - Type 116 (M8 x 1.25 Mtg. Hole)
24-1100-1	1-GROOVE PULLEY (10mm Belt x 67mm OD)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)
24-1102	2-GROOVE PULLEY (13mm Belts x 71mm OD)
24-1103	1-GROOVE PULLEY - Used w/ 46-1601-1 Spacer (10mm Belt x 66mm OD)
24-1104	1-GROOVE PULLEY (13mm Belt x 81mm OD)
24-1105	1-GROOVE PULLEY (16mm Belt x 106 OD)
24-1106	2-GROOVE PULLEY (16mm Belts x 111mm OD)
24-1109	1-GROOVE PULLEY (13mm Belt x 66mm OD)
24-1250	6-GROOVE PULLEY (62mm OD)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)
24-1257	5-GROOVE PULLEY (54mm OD)
24-1276	8-GROOVE PULLEY - Used w/ 46-1622 Taper Collar (62mm OD)
25-100	FAN
25-104	FAN - Type 136
27-102	STATOR - 55-72A/12V
27-150	STATOR - 18-37A/12-24V
28-100	ROTOR - 37-63A
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)
28-1853	SLIP RING - Rotor (18.3mm ID x 30mm OD)
38-104	BRUSH - Ref# R-103
38-105	BRUSH - Type 116, 136, Ref# R-117
38-105-3	BRUSH - Type 116, 136, Ref# R-117
39-101	BRUSH HOLDER ASSY.
39-101-3	BRUSH HOLDER ASSY.

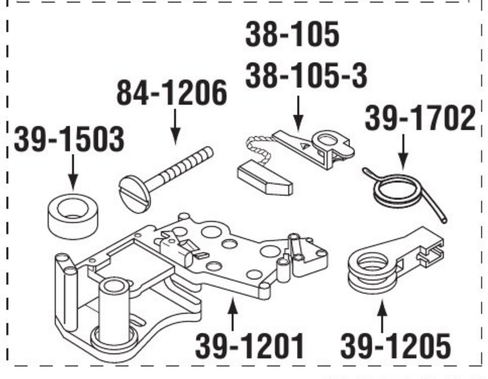
WAI No.	Description
39-102	BRUSH HOLDER ASSY. - Type 116, 136
39-102-3	BRUSH HOLDER ASSY. - Type 116, 136
39-1200	BRUSH HOLDER (Universal Aftmrkt Design)
39-1200-3	BRUSH HOLDER (Universal Aftmrkt Design)
39-1201	BRUSH HOLDER - Type 116, 136
39-1205	BRUSH ARM
39-1500	CLIP - Brush Holder
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1503	SPACER - Brush Holder
39-1700	BRUSH SPRING - Brush
39-1702	BRUSH SPRING - Brush
41-1104	SEAL - Batt. Term., Marine Applications
41-1300	BOOT - Relay Term. (Rubber)
41-1307	PLUG - Regulator Terminals (Web type)
41-1700	SEAL - Regulator Terminals
42-1302	INSULATOR - Batt. Term., used w/ 46-1157 Batt. Term.
42-1303	INSULATOR - Brush Holder Screw
42-1304	INSULATOR - Relay Term.
46-1100	CAPACITOR (.5mf)
46-1101	CAPACITOR (1.5mf)
46-1154	RELAY TERMINAL (Pin Type Post)
46-1156	BATTERY TERMINAL (12-24)
46-1157	BATTERY TERMINAL (12-24 Int., M6 x 1.0 Ext.)
46-1166	RELAY TERMINAL - Type 116 & 136
46-1177	RELAY TERMINAL (Universal Design)
46-1252	WIRE LEAD - Rect. to Reg. Stud
46-1300	CONNECTOR - Rect. to Relay Term.
46-1315	CONNECTOR - Ground, Marine Applications
46-1455	COVER - Spark Arresting, Marine Applications
46-1460	CHAFF SHIELD - Agricultural applications
46-1500	BEARING RETAINER - D.E. Frame
46-1500-1	BEARING RETAINER - D.E. Frame
46-1553	SLEEVE - D.E. Frame (Reduces Metric Pivot Hole to 3/8)
46-1600	SPACER - Fan (22.23mm OD x 5mm L)
46-1601-1	SPACER - Pulley (25.5mm OD x 10mm L)
46-1603-1	SPACER - Rotor (22.23mm OD x 9.5mm L)
46-1622	TAPER COLLAR - Used w/ 24-1276 Pulley

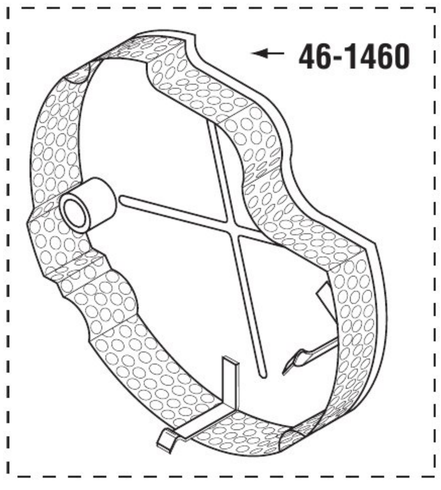


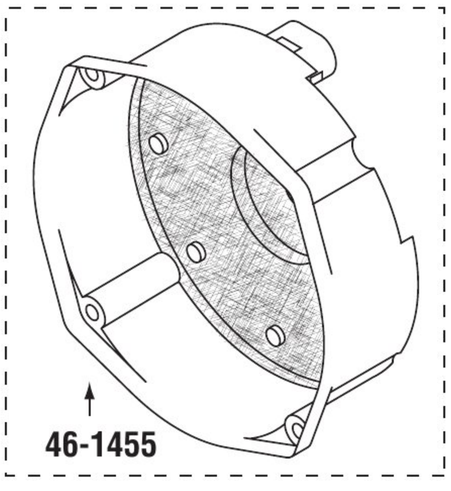


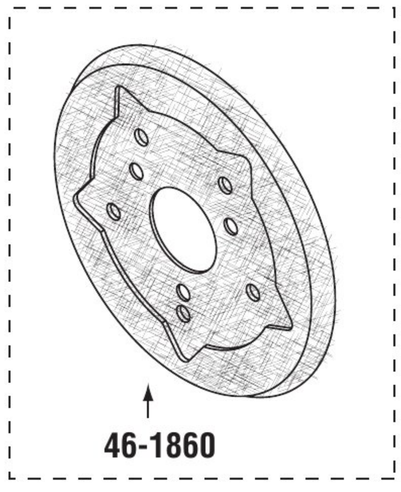


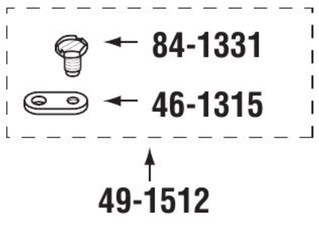


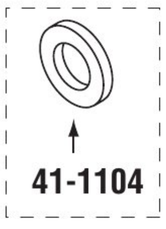




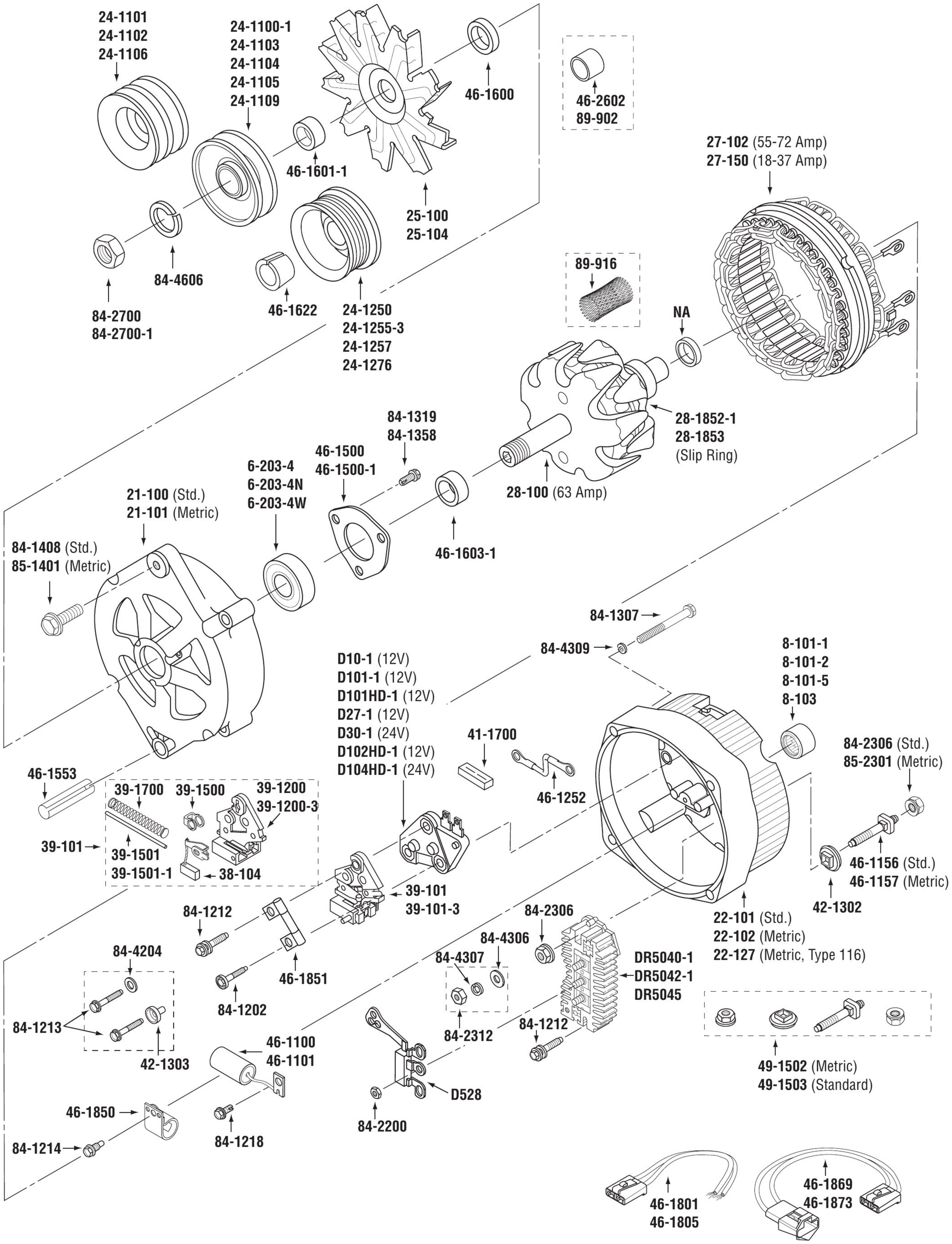






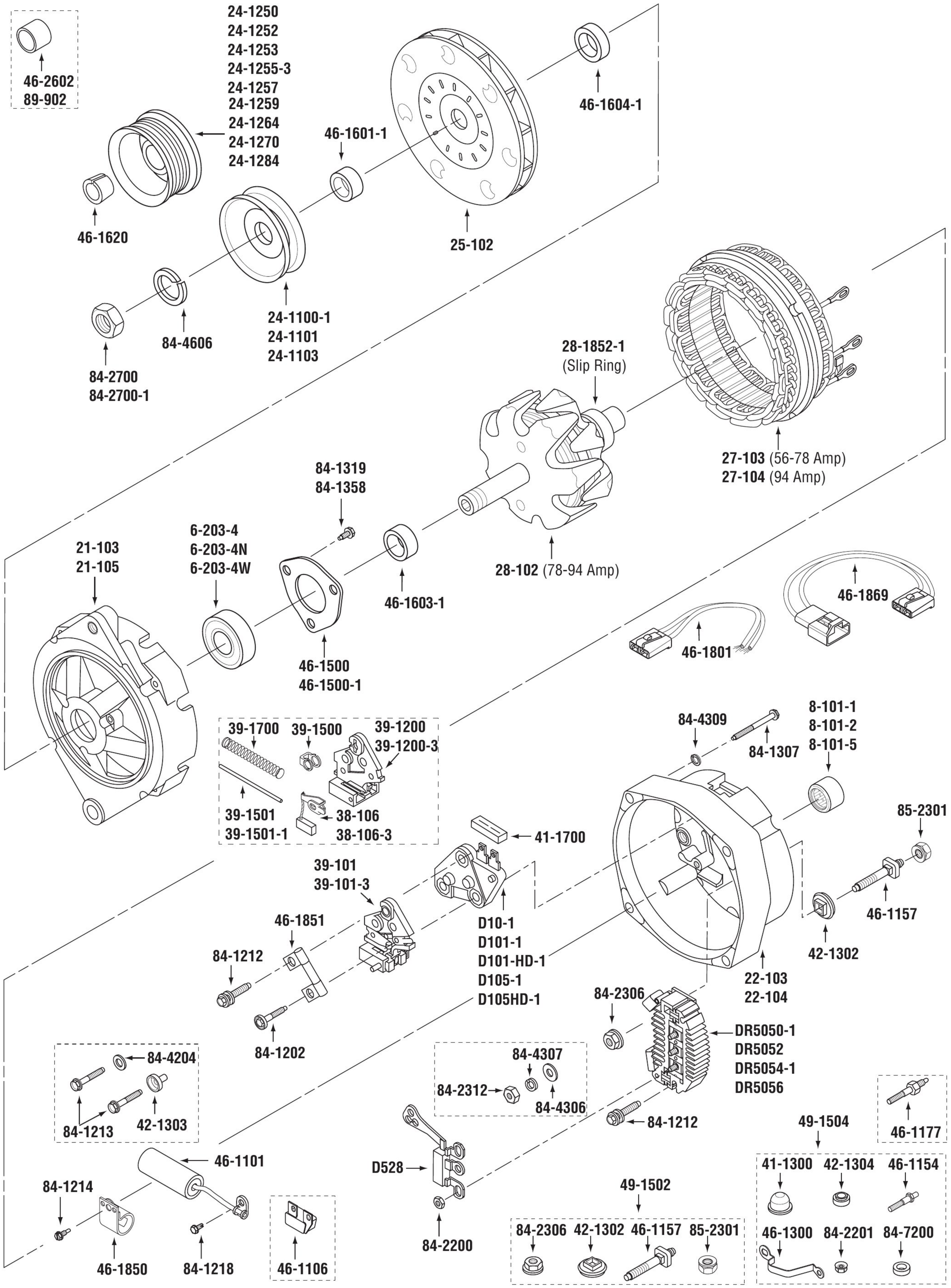


DELCO 10SI SERIES (cont'd.)



WAI No.	Description
46-1703	BRACKET - Volt. Adj. Block
46-1801	REPAIR HARNESS - Regulator
46-1805	2-WIRE PLUG CONNECTION - Marine Applications
46-1850	BRACKET - Capacitor
46-1851	RESISTOR (40 Ohm)
46-1853	VOLTAGE ADJUSTMENT BLOCK
46-1860	SPARK ARRESTING SCREEN - Marine Applications
46-1869	PLUG EXTENSION (Additional Clock Positions)
46-1873	PLUG ADAPTER (Anti-feed back harness for AMC)
46-2602	SPACER - Packaging (Metal)
49-1502	TERMINAL KIT - Battery (12-24 Int., M6 x 1.0 Ext.)
49-1503	TERMINAL KIT - Battery (Standard Thd)
49-1504	TERMINAL KIT - Relay
49-1512	GROUND CONNECTOR KIT - Marine Applications
84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
84-1206	SCREW - Brush Holder (8-32 x 1-5/16 L, Slotted Binding)
84-1209	SCREW - Volt. Adj. Block (8-32 x 5/8 L, Slotted Hex)
84-1212	SCREW - Rectifier, Regulator (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1213	SCREW - Brush Holder (8-32 x 1-1/8 L, Hex)
84-1214	SCREW - Capacitor Brkt. (8-32 x 1/2 L, Slotted Hex)
84-1218	SCREW - Capacitor Lead (8-32 x 3/8 L, Hex)
84-1307	THRU BOLT (10-24 x 2-1/8 L)
84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
84-1331	SCREW - Ground (10-32 x 3/8 L, Slotted Hex)
84-1358	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Cut.)
84-1408	SCREW - Adj. Ear (5/16-18 x 1 L, Hex)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2201	HEX NUT - Relay Term. (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
84-2312	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4201	LOCK WASHER - Volt. Adj. Block (#8 ID, Split)
84-4204	FLAT WASHER - Brush Holder (#8 ID)
84-4306	FLAT WASHER - Batt. Term. (#12 ID)
84-4307	LOCK WASHER - Batt. Term. (#12 ID, Split)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
84-7200	INSULATING WASHER - Relay Term. (#10 ID)
85-1401	BOLT - Adj. Ear (M8 x 1.25 x 25mm L, Hex)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
89-902	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
D10-1	REGULATOR - 12V (14.8 Vset)
D27-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D101-1	REGULATOR - 12V (14.8 Vset, 5A Field)
D101HD-1	REGULATOR - 12V (14.8 Vset, 5A Field, Heavy Duty)
D102HD-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, Heavy-Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
D528	DIODE TRIO (Black Case)
DR5040-1	RECTIFIER (25A Diodes)
DR5042-1	RECTIFIER (50A Diodes)
DR5045	RECTIFIER (Positive Ground)

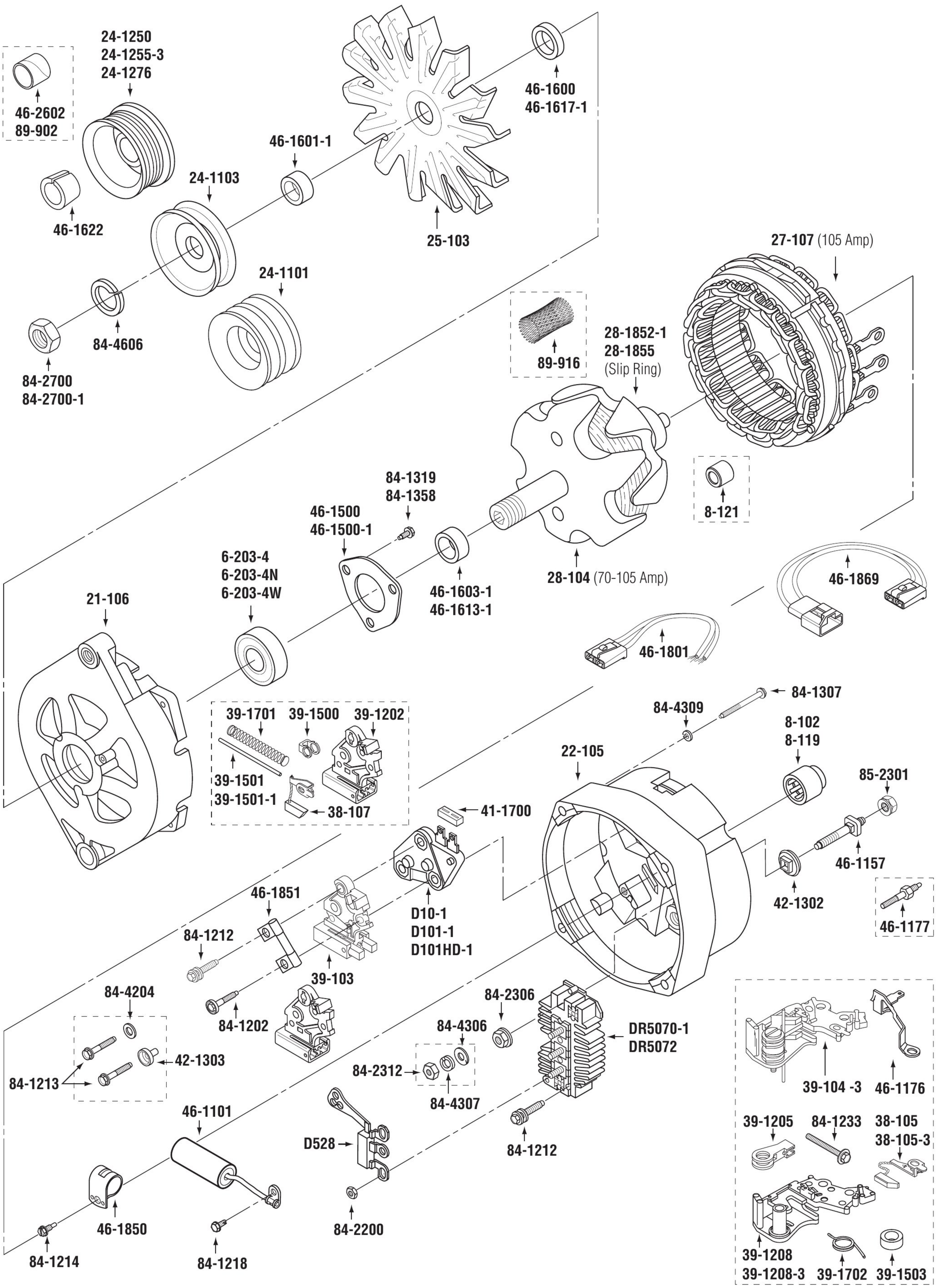
DELCO 12SI SERIES



WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
21-103	D.E. FRAME (Extended Mtg. Foot)
21-105	D.E. FRAME
22-103	S.R.E. FRAME (M8 x 1.25 Mtg. Hole)
22-104	S.R.E. FRAME (M8 x 1.25, M10 x 1.50 Mtg. Holes)
24-1100-1	1-GROOVE PULLEY (10mm Belt x 67mm OD)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)
24-1103	1-GROOVE PULLEY - Used w/ 46-1601-1 Spacer (10mm Belt x 66mm OD)
24-1250	6-GROOVE PULLEY (62mm OD)
24-1252	4-GROOVE PULLEY - 9mm Hub to 1st Groove (57mm OD)
24-1253	4-GROOVE PULLEY (52mm OD)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)
24-1257	5-GROOVE PULLEY (54mm OD)
24-1259	5-GROOVE PULLEY - 9mm Hub to 1st Groove (62mm OD)
24-1264	4-GROOVE PULLEY - 10.5mm Hub to 1st Groove (57mm OD)
24-1270	8-GROOVE PULLEY (59mm OD)
24-1284	5-GROOVE PULLEY - 9.5mm Hub to 1st Groove (64mm OD)
25-102	FAN
27-103	STATOR - 56-78A
27-104	STATOR - 94A
28-102	ROTOR - 78-94A
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)
38-106	BRUSH - Ref# R-130
38-106-3	BRUSH - Ref# R-130
39-101	BRUSH HOLDER ASSY.
39-101-3	BRUSH HOLDER ASSY.
39-1200	BRUSH HOLDER (Universal Aftmrkt Design)
39-1200-3	BRUSH HOLDER (Universal Aftmrkt Design)
39-1500	CLIP - Brush Holder
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1700	BRUSH SPRING - Brush
41-1300	BOOT - Relay Term. (Rubber)
41-1700	SEAL - Regulator Terminals
42-1302	INSULATOR - Batt. Term., used w/ 46-1157 Batt. Term.
42-1303	INSULATOR - Brush Holder Screw
42-1304	INSULATOR - Relay Term.
46-1101	CAPACITOR (1.5mf)
46-1106	CAPACITOR - Late Style
46-1154	RELAY TERMINAL (Pin Type Post)
46-1157	BATTERY TERMINAL (12-24 Int., M6 x 1.0 Ext.)

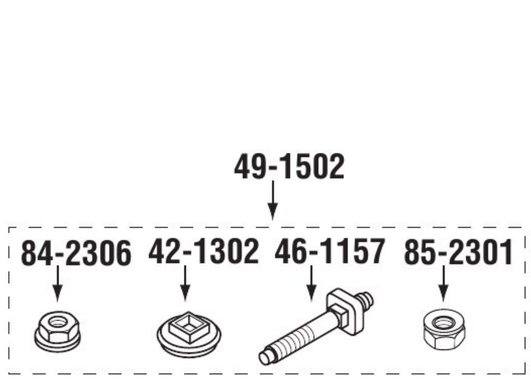
WAI No.	Description
46-1177	RELAY TERMINAL (Universal Design)
46-1300	CONNECTOR - Rect. to Relay Term.
46-1500	BEARING RETAINER - D.E. Frame
46-1500-1	BEARING RETAINER - D.E. Frame
46-1601-1	SPACER - Pulley (25.5mm OD x 10mm L)
46-1603-1	SPACER - Rotor (22.23mm OD x 9.5mm L)
46-1604-1	SPACER - Fan (25.5mm OD x 7mm L)
46-1620	TAPER COLLAR - Used w/24-1270 Pulley
46-1801	REPAIR HARNESS - Regulator
46-1850	BRACKET - Capacitor
46-1851	RESISTOR (40 Ohm)
46-1869	PLUG EXTENSION (Additional Clock Positions)
46-2602	SPACER - Packaging (Metal)
49-1502	TERMINAL KIT - Battery (12-24 Int., M6 x 1.0 Ext.)
49-1504	TERMINAL KIT - Relay
84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1213	SCREW - Brush Holder (8-32 x 1-1/8 L, Hex)
84-1214	SCREW - Capacitor Brkt. (8-32 x 1/2 L, Slotted Hex)
84-1218	SCREW - Capacitor Lead (8-32 x 3/8 L, Hex)
84-1307	THRU BOLT (10-24 x 2-1/8 L)
84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
84-1358	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Cut.)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2201	HEX NUT - Relay Term. (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
84-2312	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4204	FLAT WASHER - Brush Holder (#8 ID)
84-4306	FLAT WASHER - Batt. Term. (#12 ID)
84-4307	LOCK WASHER - Batt. Term. (#12 ID, Split)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
84-7200	INSULATING WASHER - Relay Term. (#10 ID)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
89-902	SPACER - Packaging (Cardboard)
D10-1	REGULATOR (14.8 Vset)
D101-1	REGULATOR (14.8 Vset, 5A Field)
D101HD-1	REGULATOR (14.8 Vset, 5A Field, Heavy Duty)
D105-1	REGULATOR (14.8 Vset, 7A Field)
D105HD-1	REGULATOR (14.8 Vset, 7A Field, Heavy Duty)
D528	DIODE TRIO (Black Case)
DR5050-1	RECTIFIER - 56-78A Alts. (25A Diodes)
DR5052	RECTIFIER - 56-78A Alts. (50A Diodes)
DR5054-1	RECTIFIER - 94A Alts. (50A Diodes)
DR5056	RECTIFIER - 94A Alts. (70A Diodes)

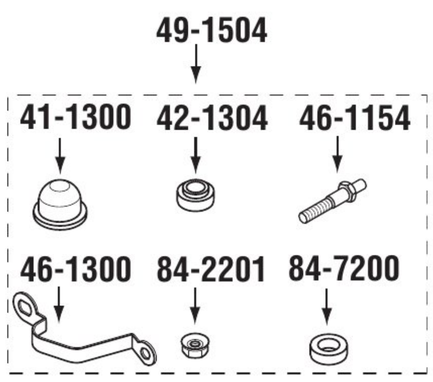
DELCO 15SI SERIES



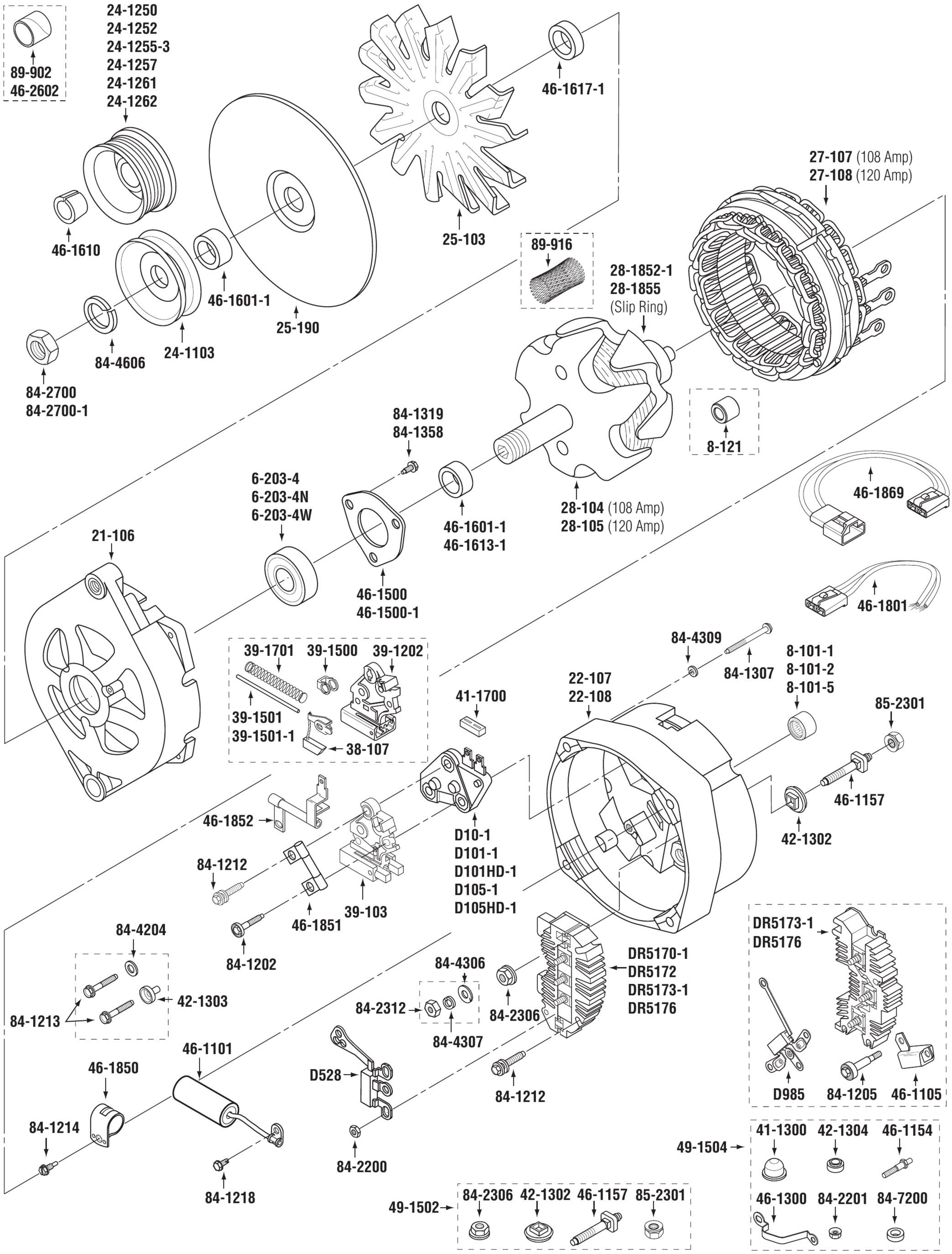
WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-102	NEEDLE BEARING - S.R.E.
8-119	NEEDLE BEARING - S.R.E., Type 116
8-121	INNER RACE - Rotor
21-106	D.E. FRAME
22-105	S.R.E. FRAME - Type 116 (M10 x 1.5 Mtg. Hole)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)
24-1103	1-GROOVE PULLEY - Used w/ 46-1601-1 Spacer (10mm Belt x 66mm OD)
24-1250	6-GROOVE PULLEY - 9mm Hub to 1st Groove (62mm OD)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)
24-1276	8-GROOVE PULLEY - Used w/ 46-1622 Taper Collar (62mm OD)
25-103	FAN
27-107	STATOR - 105A
28-104	ROTOR - 70-105A
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)
28-1855	SLIP RING - Rotor (17.3mm ID x 29.3mm OD, Molded Leads)
38-105	BRUSH - Type 116, Ref# R-117
38-105-3	BRUSH - Type 116, Ref# R-117
38-107	BRUSH - Ref# R-119
39-103	BRUSH HOLDER ASSY.
39-104-3	BRUSH HOLDER ASSY. - Type 116
39-1202	BRUSH HOLDER
39-1205	BRUSH ARM
39-1208	BRUSH HOLDER
39-1208-3	BRUSH HOLDER
39-1500	CLIP - Brush Holder
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1503	SPACER - Brush Holder
39-1701	BRUSH SPRING - Brush
39-1702	BRUSH SPRING - Brush
41-1300	BOOT - Relay Term. (Rubber)
41-1700	SEAL - Regulator Terminals
42-1302	INSULATOR - Batt. Term., used w/ 46-1157 Batt. Term.
42-1303	INSULATOR - Brush Holder Screw
42-1304	INSULATOR - Relay Term.
46-1101	CAPACITOR (1.5mf)
46-1154	RELAY TERMINAL (Pin Type Post)
46-1157	BATTERY TERMINAL (12-24 Int., M6 x 1.0 Ext.)
46-1176	RELAY TERMINAL
46-1177	RELAY TERMINAL (Universal Design)
46-1300	CONNECTOR - Rect. to Relay Term.
46-1500	BEARING RETAINER - D.E. Frame

WAI No.	Description
46-1500-1	BEARING RETAINER - D.E. Frame
46-1600	SPACER - Fan (22.23mm OD x 5mm L)
46-1601-1	SPACER - Pulley (25.5mm OD x 10mm L)
46-1603-1	SPACER - Rotor (22.23mm OD x 9.5mm L)
46-1613-1	SPACER - Rotor (25.5mm OD x 8.5mm L)
46-1617-1	SPACER - Fan (25.5mm OD x 5.8mm L)
46-1622	TAPER COLLAR - Used w/ 24-1276 Pulley
46-1801	REPAIR HARNESS - Regulator
46-1850	BRACKET - Capacitor
46-1851	RESISTOR (40 Ohm)
46-1869	PLUG EXTENSION (Additional Clock Positions)
46-2602	SPACER - Packaging (Metal)
49-1502	TERMINAL KIT - Battery (12-24 Int., M6 x 1.0 Ext.)
49-1504	TERMINAL KIT - Relay
84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1213	SCREW - Brush Holder (8-32 x 1-1/8 L, Hex)
84-1214	SCREW - Capacitor Brkt. (8-32 x 1/2 L, Slotted Hex)
84-1218	SCREW - Capacitor Lead (8-32 x 3/8 L, Hex)
84-1233	SCREW - Brush Holder (8-32 x 1-1/2 L, Hex, w/ Att. Flat Washer)
84-1307	THRU BOLT (10-24 x 2-1/8 L)
84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
84-1358	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Cut.)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2201	HEX NUT - Relay Term. (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
84-2312	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4204	FLAT WASHER - Brush Holder (#8 ID)
84-4306	FLAT WASHER - Batt. Term. (#12 ID)
84-4307	LOCK WASHER - Batt. Term. (#12 ID, Split)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
84-7200	INSULATING WASHER - Relay Term. (#10 ID)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
89-902	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
D10-1	REGULATOR (14.8 Vset)
D101-1	REGULATOR (14.8 Vset, 5A Field)
D101HD-1	REGULATOR (14.8 Vset, 5A Field, Heavy Duty)
D528	DIODE TRIO (Black Case)
DR5070-1	RECTIFIER - 70A Alts. (25A Diodes)
DR5072	RECTIFIER - 70-105A Alts. (50A Diodes)





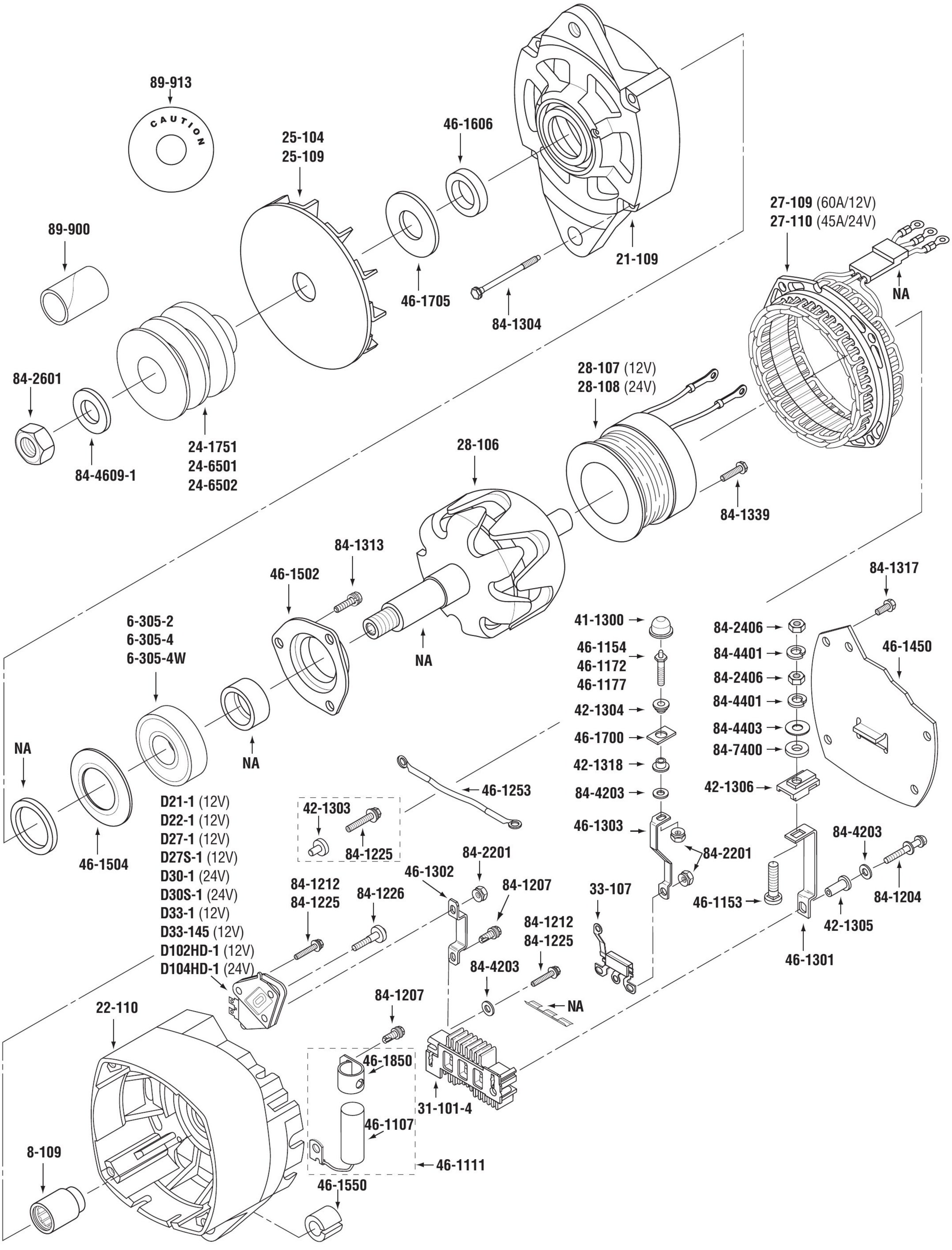
DELCO 17SI SERIES



WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
8-121	INNER RACE - Rotor
21-106	D.E. FRAME
22-107	S.R.E. FRAME - 120A Alts.
22-108	S.R.E. FRAME - 97-108A Alts..
24-1103	1-GROOVE PULLEY - Used w/ 46-1601-1 Spacer (10mm Belt x 66mm OD)
24-1250	6-GROOVE PULLEY (62mm OD)
24-1252	4-GROOVE PULLEY (57mm OD)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)
24-1257	5-GROOVE PULLEY (54mm OD)
24-1261	6-GROOVE PULLEY (52mm OD)
24-1262	6-GROOVE PULLEY - Used w/ 46-1610 Taper Collar (57mm OD)
25-103	FAN
25-190	BAFFLE - Fan
27-107	STATOR - 108A
27-108	STATOR - 120A
28-104	ROTOR - 108A
28-105	ROTOR - 120A
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)
28-1855	SLIP RING - Rotor (17.3mm ID x 29.3mm OD, Molded Leads)
38-107	BRUSH - Ref# R-119
39-103	BRUSH HOLDER ASSY.
39-1202	BRUSH HOLDER
39-1500	CLIP - Brush Holder
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1701	BRUSH SPRING - Brush
41-1300	BOOT - Relay Term. (Rubber)
41-1700	SEAL - Regulator Terminals
42-1302	INSULATOR - Batt. Term., used w/ 46-1157 Batt. Term.
42-1303	INSULATOR - Brush Holder Screw
42-1304	INSULATOR - Relay Term.
46-1101	CAPACITOR (1.5mf)
46-1105	CAPACITOR - 120A Alts.
46-1154	RELAY TERMINAL (Pin Type Post)
46-1157	BATTERY TERMINAL (12-24 Int., M6 x 1.0 Ext.)
46-1300	CONNECTOR - Rect. to Relay Term.
46-1500	BEARING RETAINER - D.E. Frame
46-1500-1	BEARING RETAINER - D.E. Frame
46-1601-1	SPACER - Pulley, Rotor (25.5mm OD x 10mm L)
46-1610	TAPER COLLAR - Used w/ 24-1262 Pulley
46-1613-1	SPACER - Rotor (25.5mm OD x 8.5mm L)
46-1617-1	SPACER - Fan (25.5mm OD x 5.8mm L)

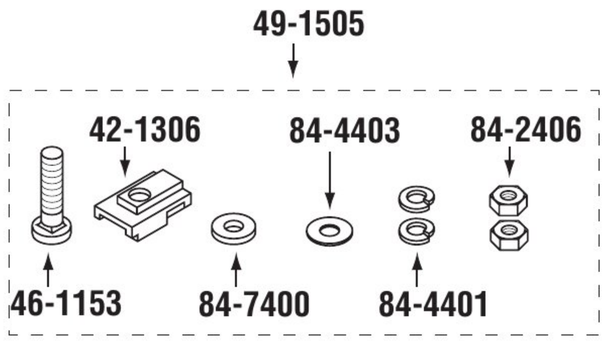
WAI No.	Description
46-1801	REPAIR HARNESS - Regulator
46-1850	BRACKET - Capacitor
46-1851	RESISTOR (40 Ohm)
46-1852	RESISTOR & REG. SENSE TERMINAL - 1105491 Alt. (200 Ohm)
46-1869	PLUG EXTENSION (Additional Clock Positions)
46-2602	SPACER - Packaging (Metal)
49-1502	TERMINAL KIT - Battery (12-24 Int., M6 x 1.0 Ext.)
49-1504	TERMINAL KIT - Relay
84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
84-1205	SCREW W/ INSULATOR - Capacitor (8-32 x 1-1/4 L, Hex, w/ Att. Washer)
84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1213	SCREW - Brush Holder (8-32 x 1-1/8 L, Hex)
84-1214	SCREW - Capacitor Brkt. (8-32 x 1/2 L, Slotted Hex)
84-1218	SCREW - Capacitor Lead (8-32 x 3/8 L, Hex)
84-1307	THRU BOLT (10-24 x 2-1/8 L)
84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
84-1358	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Cut.)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2201	HEX NUT - Relay Term. (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
84-2312	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4204	FLAT WASHER - Brush Holder (#8 ID)
84-4306	FLAT WASHER - Batt. Term. (#12 ID)
84-4307	LOCK WASHER - Batt. Term. (#12 ID, Split)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
84-7200	INSULATING WASHER - Relay Term. (#10 ID)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
89-902	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
D10-1	REGULATOR (14.8 Vset)
D101-1	REGULATOR (14.8 Vset, 5A Field)
D101HD-1	REGULATOR (14.8 Vset, 5A Field, Heavy Duty)
D105-1	REGULATOR (14.8 Vset, 7A Field)
D105HD-1	REGULATOR (14.8 Vset, 7A Field, Heavy Duty)
D528	DIODE TRIO (Black Case)
D985	DIODE TRIO - 120A Alts. (Black Case)
DR5170-1	RECTIFIER - 97-108A Alts. (25A Diodes)
DR5172	RECTIFIER - 97-108A Alts. (50A Diodes)
DR5173-1	RECTIFIER - 120A Alts. (Wide-Fin Heat Sink, 6-Non-Avalanche Diodes)
DR5176	RECTIFIER - 120A Alts. (Saw-Fin Heat Sink, 3-Avalanche Diodes)

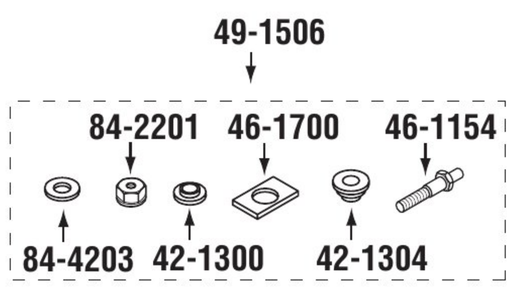
DELCO 20SI SERIES

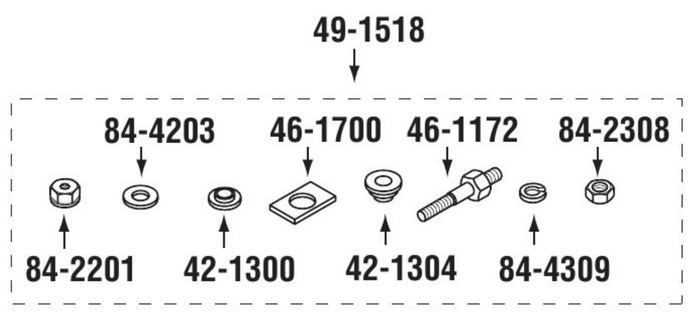


WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-109	NEEDLE BEARING
21-109	D.E. FRAME
22-110	RECTIFIER END FRAME
24-1751	7-GROOVE PULLEY (57mm OD)
24-6501	2-GROOVE PULLEY - Caterpillar No. 9S6129 (22mm Belts x 95mm OD w/ Keyway)
24-6502	2-GROOVE PULLEY - Caterpillar No. 5S7609 (16mm Belts x 95mm OD w/ Keyway)
25-104	FAN - Bidirectional (Steel)
25-109	FAN - Bidirectional (Cast Aluminum)
27-109	STATOR - 60A/12V
27-110	STATOR - 45A/24V
28-106	ROTOR
28-107	STATIONARY COIL - 12V
28-108	STATIONARY COIL - 24V
31-101-4	RECTIFIER (50A Diodes, OE Style Heat Sink, Open Base)
33-107	DIODE TRIO
41-1300	BOOT - Relay Term. (Rubber)
42-1300	INSULATOR - Relay Terminal
42-1303	INSULATOR - Regulator Screw
42-1304	INSULATOR - Relay Term.
42-1305	INSULATOR - Rectifier Screw
42-1306	INSULATOR - Batt. Term.
42-1318	INSULATOR - Relay Term.
46-1107	CAPACITOR
46-1111	CAPACITOR (w/ 46-1850 Bracket)
46-1153	BATTERY TERMINAL (1/4-28 x 1-3/16)
46-1154	RELAY TERMINAL (Pin Type Post)
46-1172	RELAY, I-TERMINAL - 1117643, 645 Alts. (8-32 Int., 10-24 Ext.)
46-1177	RELAY TERMINAL (Universal Design)
46-1253	WIRE LEAD - Regulator to I-Term.
46-1301	CONNECTOR - Batt. Term. to Rectifier
46-1302	CONNECTOR - Rect. to Reg. Stud
46-1303	CONNECTOR - Rect. to Relay Term.
46-1450	COVER PLATE
46-1502	BEARING RETAINER - D.E. Frame
46-1504	RETAINER PLATE - D.E. Brg.
46-1550	MOUNTING BUSHING - Rectifier End Frame
46-1606	SPACER - Fan (35.5mm OD x 8mm L)
46-1700	WASHER PLATE - Relay Term.
46-1705	DEBRIS SHIELD - D.E. Bearing

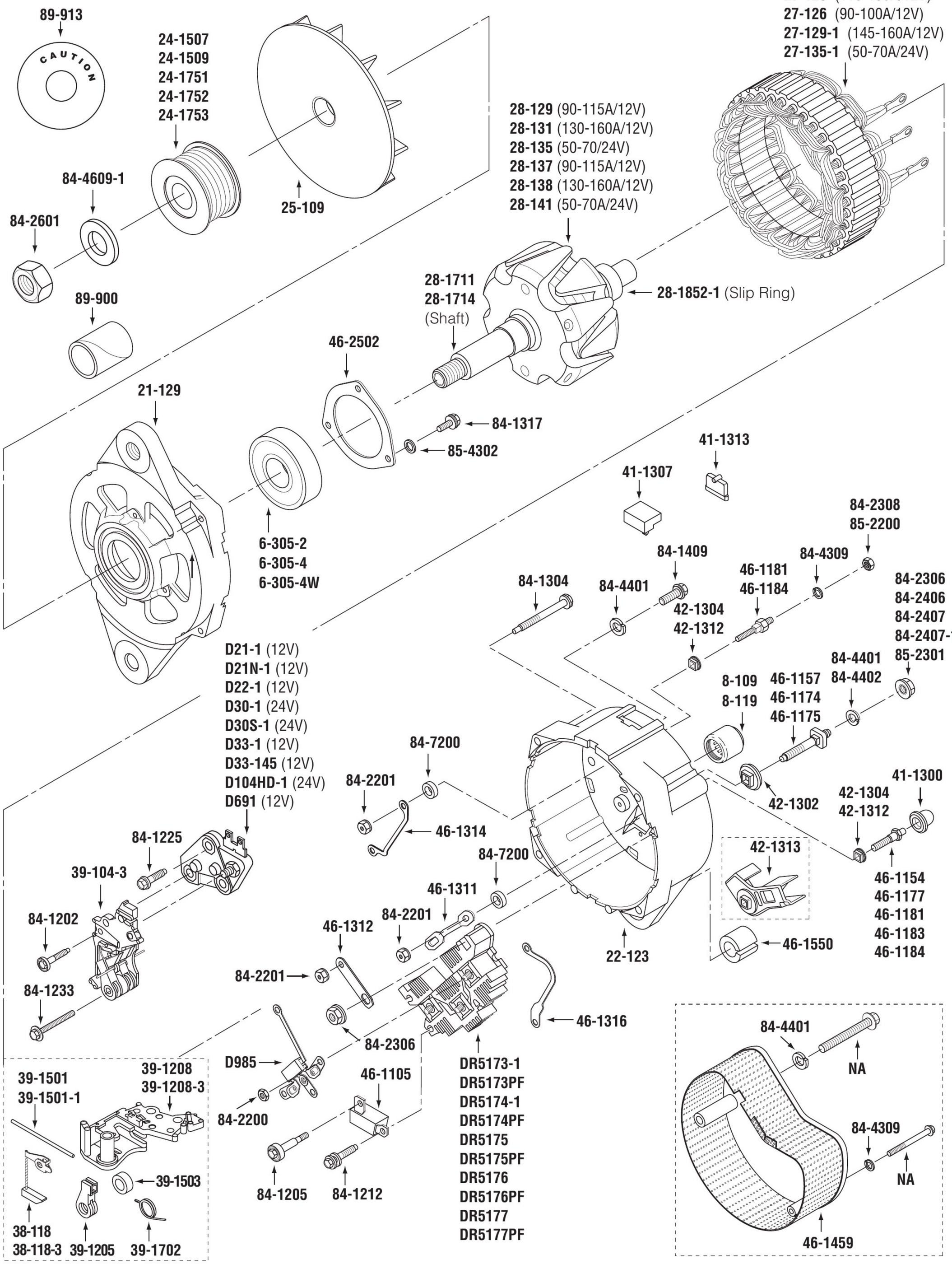
WAI No.	Description
46-1850	BRACKET - Capacitor
49-1505	TERMINAL KIT - Battery
49-1506	TERMINAL KIT - Relay
49-1518	TERMINAL KIT - Relay, 1117643, 645 Alts
84-1204	SCREW - Rectifier (8-32 x 1-5/16 L, Hex, Thd. Form.)
84-1207	SCREW - Rectifier (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1212	SCREW - Rectifier, Regulator (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1225	SCREW - Rectifier, Regulator (8-32 x 1 L, Hex, Thd. Form.)
84-1226	SCREW W/ INSULATOR - Regulator (8-32 x 31/32 L, Hex, w/ Att. Washer, Thd. Form.)
84-1304	THRU BOLT (10-24 x 2-1/2 L)
84-1313	SCREW - Brg. Retainer (10-24 x 3/4 L, Hex, Thd. Form.)
84-1317	SCREW - Cover Plate (10-24 x 1/2 L, Hex, Thd. Form.)
84-1339	SCREW - Stationary Coil (10-24 x 13/16 L, Hex)
84-2201	HEX NUT - Relay Term., Regulator Stud (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2308	HEX NUT - Relay Term. (10-24 x 3/8 F x 1/8 T)
84-2406	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 3/16 T)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4203	FLAT WASHER - Rectifier, Relay Term. (#8 ID)
84-4309	LOCK WASHER - Relay Term. (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term. (1/4 ID, Split)
84-4403	FLAT WASHER - Batt. Term. (1/4 ID)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-7400	INSULATING WASHER - Batt. Term. (1/4 ID)
89-900	SPACER - Packaging (Cardboard)
89-913	CAUTION TAG (Cautions the installer to remove pulley nut with the unit in horizontal position only.)
D21-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D22-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset)
D27-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D27S-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, S-Series)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
D33-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.1 Vset, Heavy Duty)
D33-145	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset, Heavy Duty)
D102HD-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, Heavy-Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)





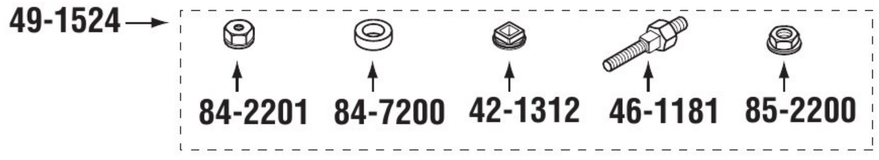


DELCO 21SI SERIES



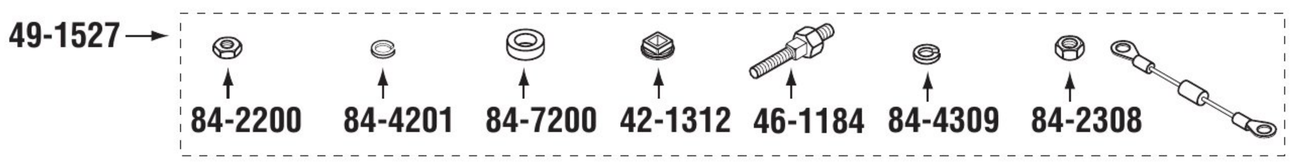
WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-109	NEEDLE BEARING - S.R.E. (31.5mm L)
8-119	NEEDLE BEARING - S.R.E. (22mm L)
21-129	D.E. FRAME
22-123	S.R.E. FRAME - Used w/ 8-119 Ndl. Brg. (22mm L)
24-1507	2-GROOVE PULLEY (85mm OD)
24-1509	2-GROOVE PULLEY (13mm Belts x 90mm OD)
24-1751	7-GROOVE PULLEY (57mm OD)
24-1752	8-GROOVE PULLEY (87mm OD)
24-1753	8-GROOVE PULLEY (70mm OD)
25-109	FAN - Bidirectional (Cast Aluminum)
27-125	STATOR - 115-130A/12V
27-126	STATOR - 90-100A/12V
27-129-1	STATOR - 145-160A/12V
27-135-1	STATOR - 50-70A/24V
28-129	ROTOR - 90-115A/12V, used w/ short 8-119 Brg.
28-131	ROTOR - 130-160A/12V, used w/ short 8-119 Brg.
28-135	ROTOR - 50-70A/24V, used w/ short 8-119 Brg.
28-137	ROTOR - 90-115A/12V, used w/ long 8-109 Brg.
28-138	ROTOR - 130-160A/12V, used w/ long 8-109 Brg.
28-141	ROTOR - 50-70A/24V, used w/ long 8-109 Brg.
28-1711	SHAFT - Rotors w/ short 8-119 Brg.
28-1714	SHAFT - Rotors w/ long 8-109 Brg.
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)
38-118	BRUSH
38-118-3	BRUSH
39-104-3	BRUSH HOLDER ASSY.
39-1205	BRUSH ARM
39-1208	BRUSH HOLDER
39-1208-3	BRUSH HOLDER
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1503	SPACER - Brush Holder
39-1702	BRUSH SPRING - Brush
41-1300	BOOT - Relay Term. (Rubber)
41-1307	PLUG - Regulator Terminals (Web type)
41-1313	BOOT - Regulator Terminals
42-1302	INSULATOR - Batt. Term., used w/ 46-1157 Batt. Term.
42-1304	INSULATOR - Relay, I-Terminal (Round Hole)
42-1312	INSULATOR - Relay, I-Terminal (Square Hole)
42-1313	INSULATOR - Batt. Term. (w/ Cable Guide)
46-1105	CAPACITOR
46-1154	RELAY TERMINAL (Pin Type Post)
46-1157	BATTERY TERMINAL (12-24 Int., M6 x 1.0 Ext.)
46-1174	BATTERY TERMINAL (5/16-18 Ext. Thd.)
46-1175	BATTERY TERMINAL (1/4-28 Ext. Thd.)
46-1177	RELAY TERMINAL (Universal Design)
46-1181	RELAY, I-TERMINAL (M4 x 0.7 Ext. Thd.)
46-1183	RELAY TERMINAL (Universal Design)
46-1184	RELAY, I-TERMINAL (10-24 Ext. Thd.)
46-1311	CONNECTOR - Rect. to Relay in R-Location
46-1312	CONNECTOR - Regulator to Battery Terminal
46-1314	CONNECTOR - Regulator to I-Terminal
46-1316	CONNECTOR - Rect. to Relay in I-Location
46-1459	DEBRIS SHIELD - S.R.E. Frame
46-1550	MOUNTING BUSHING - S.R.E. Frame
46-2502	BEARING RETAINER - D.E. Frame
49-1502	TERMINAL KIT - Battery (12-24 Int., M6 x 1.0 Ext.)
49-1521	TERMINAL KIT - Battery (1/4-28 Ext. Thd.)
49-1522	TERMINAL KIT - Battery (5/16-18 Ext. Thd.)
49-1523	TERMINAL KIT - Relay (10-24 Ext. Thd.)
49-1524	TERMINAL KIT - Relay, I-Terminal (M4 x 0.7 Ext. Thd.)
49-1525	TERMINAL KIT - Relay (Pin Type Post)
49-1526	TERMINAL KIT - Relay (Universal 10-24 Ext. Thd. & Pin Type Post)
49-1527	TERMINAL KIT - I-Term., w/ Anti-feedback Diode
84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
84-1205	SCREW W/ INSULATOR - Rectifier (8-32 x 1-1/4 L, Hex, w/ Att. Washer)
84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1225	SCREW - Regulator (8-32 x 1 L, Hex, Thd. Form.)
84-1233	SCREW - Brush Holder (8-32 x 1-1/2 L, Hex, w/ Att. Flat Washer)
84-1304	THRU BOLT (10-24 x 2-1/2 L)
84-1317	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Form.)
84-1409	SCREW - Ground (1/4-20 x 5/8 L, Hex, Thd. Form.)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2201	HEX NUT - Relay, I-Terminals, Regulator Stud (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)

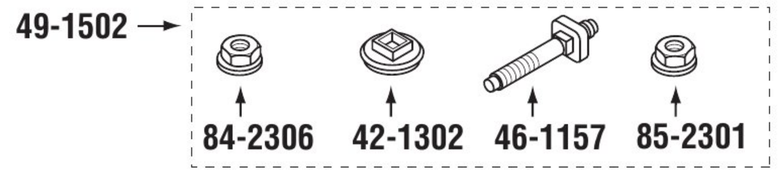


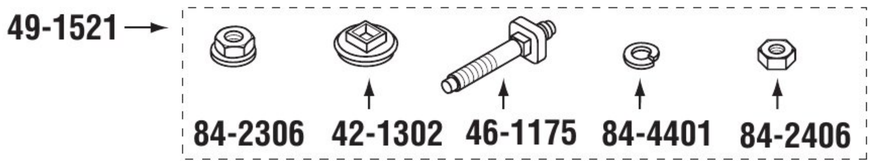


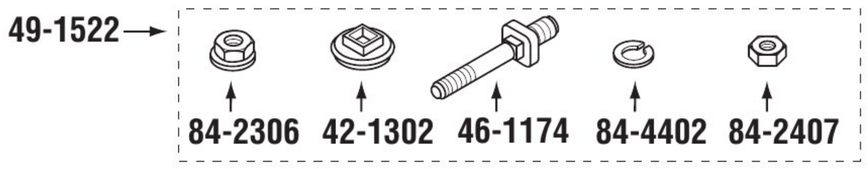




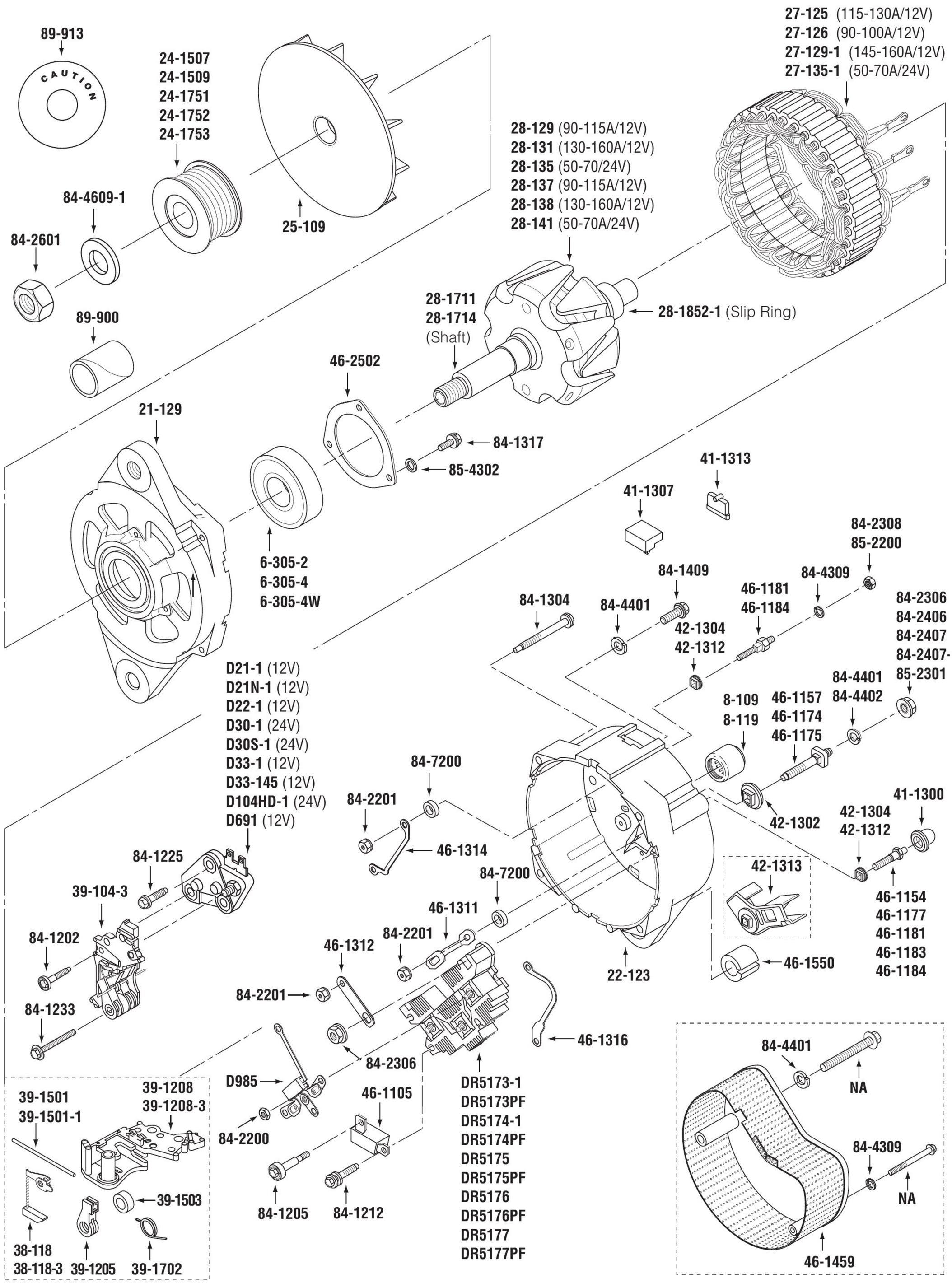






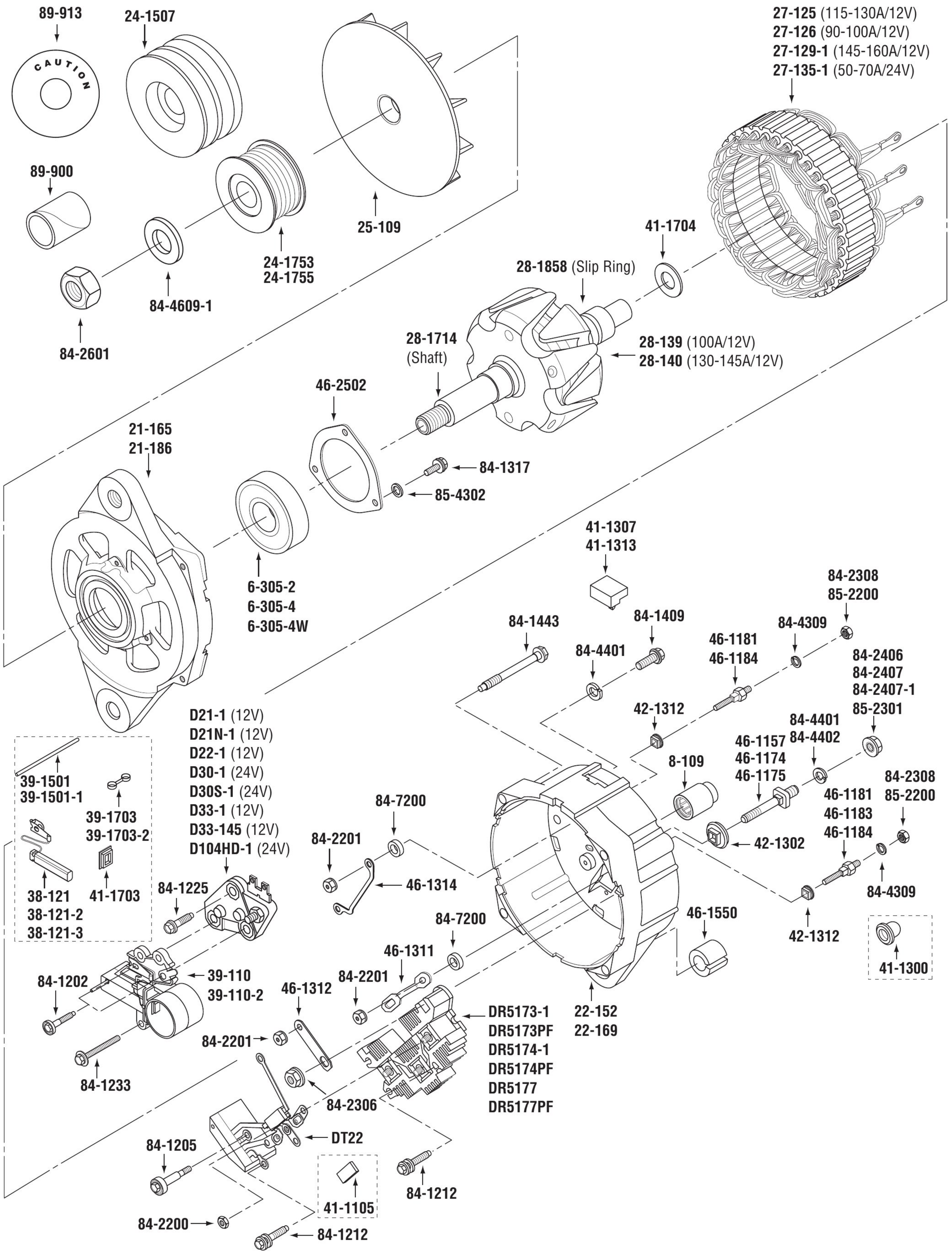


DELCO 21SI SERIES (cont'd.)



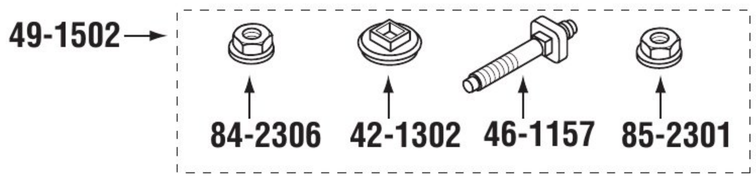
WAI No.	Description
84-2308	HEX NUT - Relay Term. (10-24 x 3/8 F x 1/8 T)
84-2406	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 3/16 T)
84-2407	HEX NUT - Batt. Term. (5/16-18 x 1/2 F x 3/16 T, Zinc Plated)
84-2407-1	HEX NUT - Batt. Term. (5/16-18 x 1/2 F x 1/4 T, Zinc Plated)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4201	LOCK WASHER - Relay, I-Terminal (#8 ID, Split)
84-4309	LOCK WASHER - Relay, I-Terminal (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term., Grd. (1/4 ID, Split)
84-4402	LOCK WASHER - Batt. Term. (5/16 ID, Split)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-7200	INSULATING WASHER - Relay, I-Terminal (#10 ID)
85-2200	HEX NUT - Relay Term. (M4 x 0.7 x 9mm F x 4mm T, w/ Att. Washer)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-4302	FLAT WASHER - Bearing Retainer Screw (5mm ID)
89-900	SPACER - Packaging (Cardboard)
89-913	CAUTION TAG (Cautions the installer to remove pulley nut with the unit in horizontal position only.)
D21-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D21N-1	REGULATOR - 12V (wo/ Stud, wo/ Web Terminals, 14.0 Vset)
D22-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
D33-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.1 Vset, Heavy Duty)
D33-145	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset, Heavy Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
D691	REGULATOR - 12V (wo/ Stud, wo/ Web Terminals, 14.0 Vset, w/ Temp. Comp.)
D985	DIODE TRIO (Black Case)
DR5173-1	RECTIFIER (Wide-Fin Heat Sink, 6-Non-Avalanche Diodes)
DR5173PF	RECTIFIER (Wide-Fin Heat Sink, 6-Press-Fit Non-Avalanche Diodes)
DR5174-1	RECTIFIER (Wide-Fin Heat Sink, 6-Avalanche Diodes)
DR5174PF	RECTIFIER (Wide-Fin Heat Sink, 6-Press-Fit Avalanche Diodes)
DR5175	RECTIFIER (Wide-Fin Heat Sink, 3-Avalanche Diodes)
DR5175PF	RECTIFIER (Wide-Fin Heat Sink, 3-Press-Fit Avalanche Diodes)
DR5176	RECTIFIER (Saw-Fin Heat Sink, 3-Avalanche Diodes)
DR5176PF	RECTIFIER (Saw-Fin Heat Sink, 3-Press-Fit Avalanche Diodes)
DR5177	RECTIFIER (Saw-Fin Heat Sink, 6-Avalanche Diodes)
DR5177PF	RECTIFIER (Saw-Fin Heat Sink, 6-Press-Fit Avalanche Diodes)

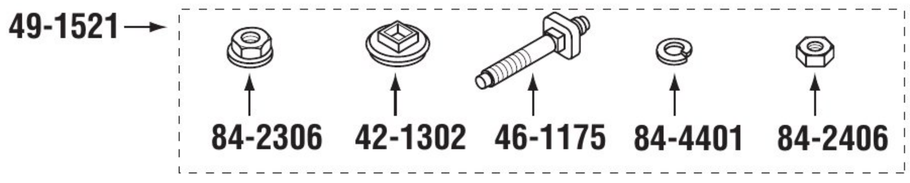
DELCO 22SI SERIES

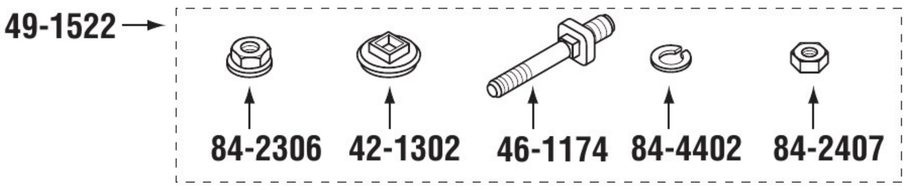


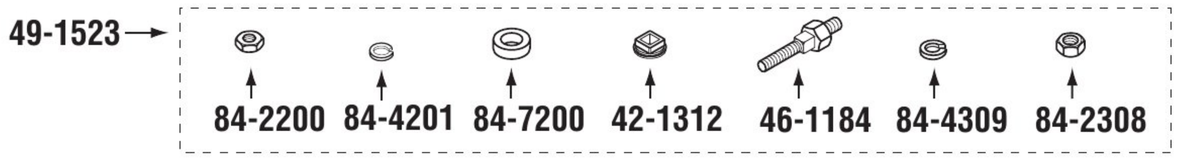
WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-109	NEEDLE BEARING - S.R E.
21-165	D.E. FRAME (12:00, 1/2-13 Mtg. Ear)
21-186	D.E. FRAME (Pad Mount)
22-152	S.R.E. FRAME
22-169	S.R.E. FRAME (Pad Mount)
24-1507	2-GROOVE PULLEY (85mm OD)
24-1753	8-GROOVE PULLEY (70mm OD)
24-1755	8-GROOVE PULLEY (60mm OD)
25-109	FAN - Bidirectional (Cast Aluminum)
27-125	STATOR - 115-130A/12V
27-126	STATOR - 90-100A/12V
27-129-1	STATOR - 145-160A/12V
27-135-1	STATOR - 50-70A/24V
28-139	ROTOR - 100A/12V
28-140	ROTOR - 130-145A/12V
28-1714	SHAFT - Rotor
28-1858	SLIP RING - Rotor
38-121	BRUSH (39-110-2 OE Design Brush Holder)
38-121-2	BRUSH (39-110 Aftermarket Design Brush Holder)
38-121-3	BRUSH (39-110-2 OE Design Brush Holder)
39-110	BRUSH HOLDER ASSY. (Aftmrkt Design w/ Coil Brush Spring)
39-110-2	BRUSH HOLDER ASSY. (OE Design w/ Roll-out Tension Brush Spring)
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1703	BRUSH SPRING (39-110-2 OE Design Brush Holder)
39-1703-2	BRUSH SPRING (39-110 Aftermarket Design Brush Holder)
41-1105	VIBRATION DAMPENER - Diode Trio
41-1300	BOOT - Relay Term. (Rubber)
41-1307	PLUG - Regulator Terminals (Web type)
41-1313	BOOT - Regulator Terminals
41-1703	SEAL - Brush Holder
41-1704	RUBBER WASHER - S.R.E. Bearing
42-1302	INSULATOR - Batt. Term.
42-1312	INSULATOR - Relay, I-Terminal (Square Hole)
46-1157	BATTERY TERMINAL (12-24 Int., M6 x 1.0 Ext.)
46-1174	BATTERY TERMINAL (5/16-18 Ext. Thd.)
46-1175	BATTERY TERMINAL (1/4-28 Ext. Thd.)

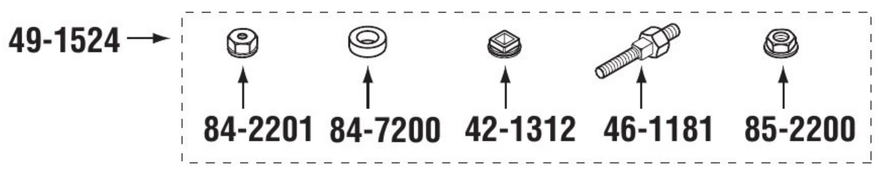
WAI No.	Description
46-1181	RELAY, I-TERMINAL (M4 x 0.7 Ext. Thd.)
46-1183	RELAY TERMINAL (Universal Design)
46-1184	RELAY, I-TERMINAL (10-24 Ext. Thd.)
46-1311	CONNECTOR - Rectifier to Relay
46-1312	CONNECTOR - Regulator to Battery Terminal
46-1314	CONNECTOR - Regulator to I-Terminal
46-1550	MOUNTING BUSHING - S.R.E. Frame
46-2502	BEARING RETAINER - D.E. Frame
49-1502	TERMINAL KIT - Battery (12-24 Int., M6 x 1.0 Ext.)
49-1521	TERMINAL KIT - Battery (1/4-28 Ext. Thd.)
49-1522	TERMINAL KIT - Battery (5/16-18 Ext. Thd.)
49-1523	TERMINAL KIT - Relay (10-24 Ext. Thd.)
49-1524	TERMINAL KIT - Relay, I-Terminal (M4 x 0.7 Ext. Thd.)
49-1526	TERMINAL KIT - Relay (Universal 10-24 Ext. Thd. & Pin Type Post)
84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
84-1205	SCREW W/ INSULATOR - Rectifier (8-32 x 1-1/4 L, Hex, w/ Att. Washer)
84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1225	SCREW - Regulator (8-32 x 1 L, Hex, Thd. Form.)
84-1233	SCREW - Brush Holder (8-32 x 1-1/2 L, Hex, w/ Att. Flat Washer)
84-1317	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Form.)
84-1409	SCREW - Ground (1/4-20 x 5/8 L, Hex, Thd. Form.)
84-1443	THRU BOLT (1/4-20 x 2-9/16 L)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2201	HEX NUT - Rectifier, Regulator, Relay & I-Terminals (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
84-2308	HEX NUT - Relay, I-Terminal (10-24 x 3/8 F x 1/8 T)
84-2406	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 3/16 T)
84-2407	HEX NUT - Batt. Term. (5/16-18 x 1/2 F x 3/16 T, Zinc Plated)
84-2407-1	HEX NUT - Batt. Term. (5/16-18 x 1/2 F x 1/4 T, Zinc Plated)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4201	LOCK WASHER - Relay Terminal (#8 ID, Split)
84-4309	LOCK WASHER - Relay, I-Terminal (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term., Grd. (1/4 ID, Split)
84-4402	LOCK WASHER - Batt. Term. (5/16 ID, Split)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)





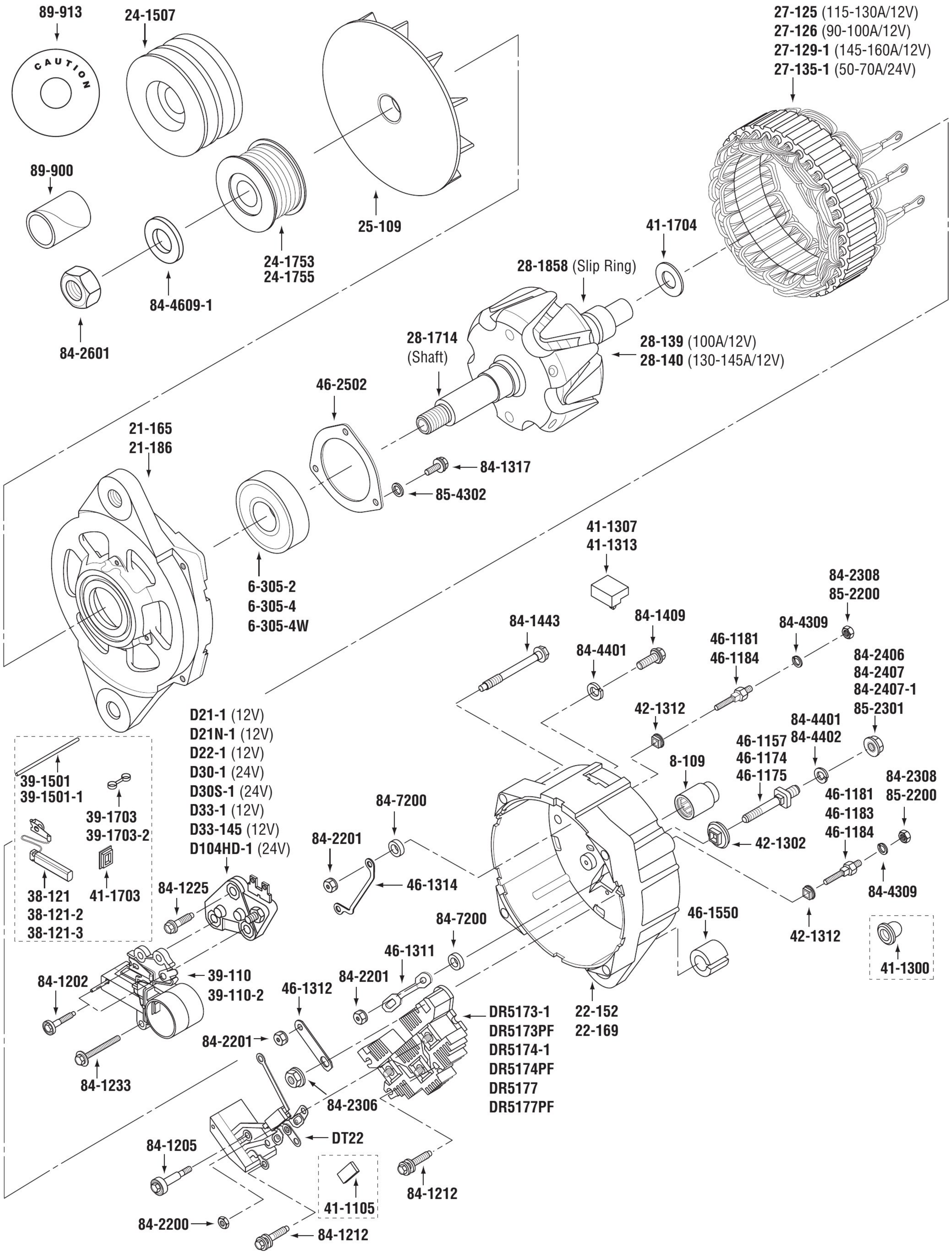






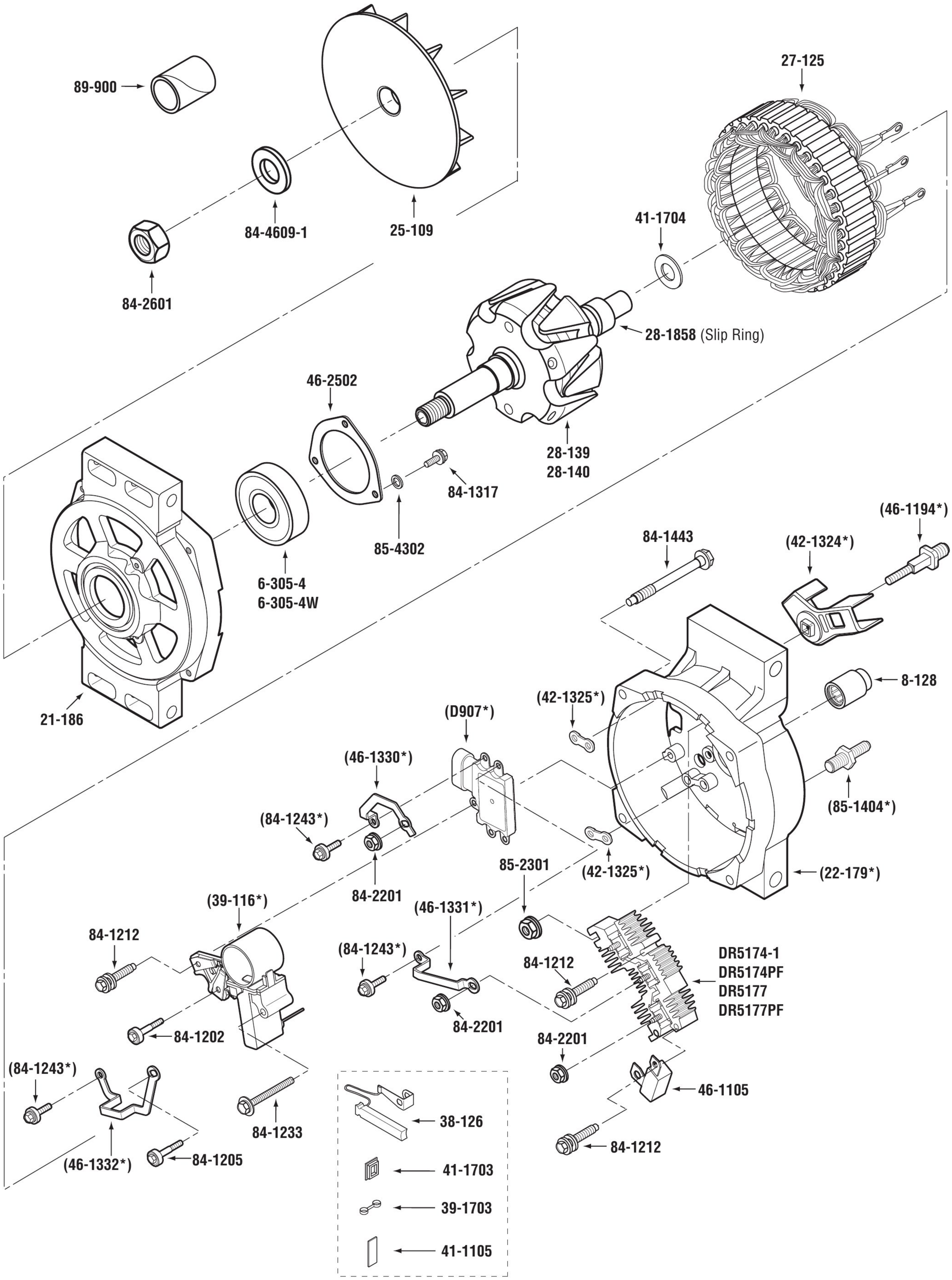


DELCO 22SI SERIES (cont'd.)



WAI No.	Description
84-7200	INSULATING WASHER - Relay, I-Terminal (#10 ID)
85-2200	HEX NUT - Relay, I-Terminal (M4 x 0.7 x 9mm F x 4mm T, w/ Att. Washer)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-4302	FLAT WASHER - Bearing Retainer Screw (5mm ID)
89-900	SPACER - Packaging (Cardboard)
89-913	CAUTION TAG (Cautions the installer to remove pulley nut with the unit in horizontal position only.)
D21-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D21N-1	REGULATOR - 12V (wo/ Stud, wo/ Web Terminals, 14.0 Vset)
D22-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
D33-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.1 Vset, Heavy Duty)
D33-145	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset, Heavy Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
DR5173-1	RECTIFIER (Wide-Fin Heat Sink, 6-Non-Avalanche Diodes)
DR5173PF	RECTIFIER (Wide-Fin Heat Sink, 6-Press-Fit Non-Avalanche Diodes)
DR5174-1	RECTIFIER (Wide-Fin Heat Sink, 6-Avalanche Diodes)
DR5174PF	RECTIFIER (Wide-Fin Heat Sink, 6-APress-Fit valanche Diodes)
DR5177	RECTIFIER (Saw-Fin Heat Sink, 6-Avalanche Diodes)
DR5177PF	RECTIFIER (Saw-Fin Heat Sink, 6-Press-Fit Avalanche Diodes)
DT22	DIODE TRIO (w/ Autostart Pkg.)

DELCO 22SI SERIES, OVAL PLUG

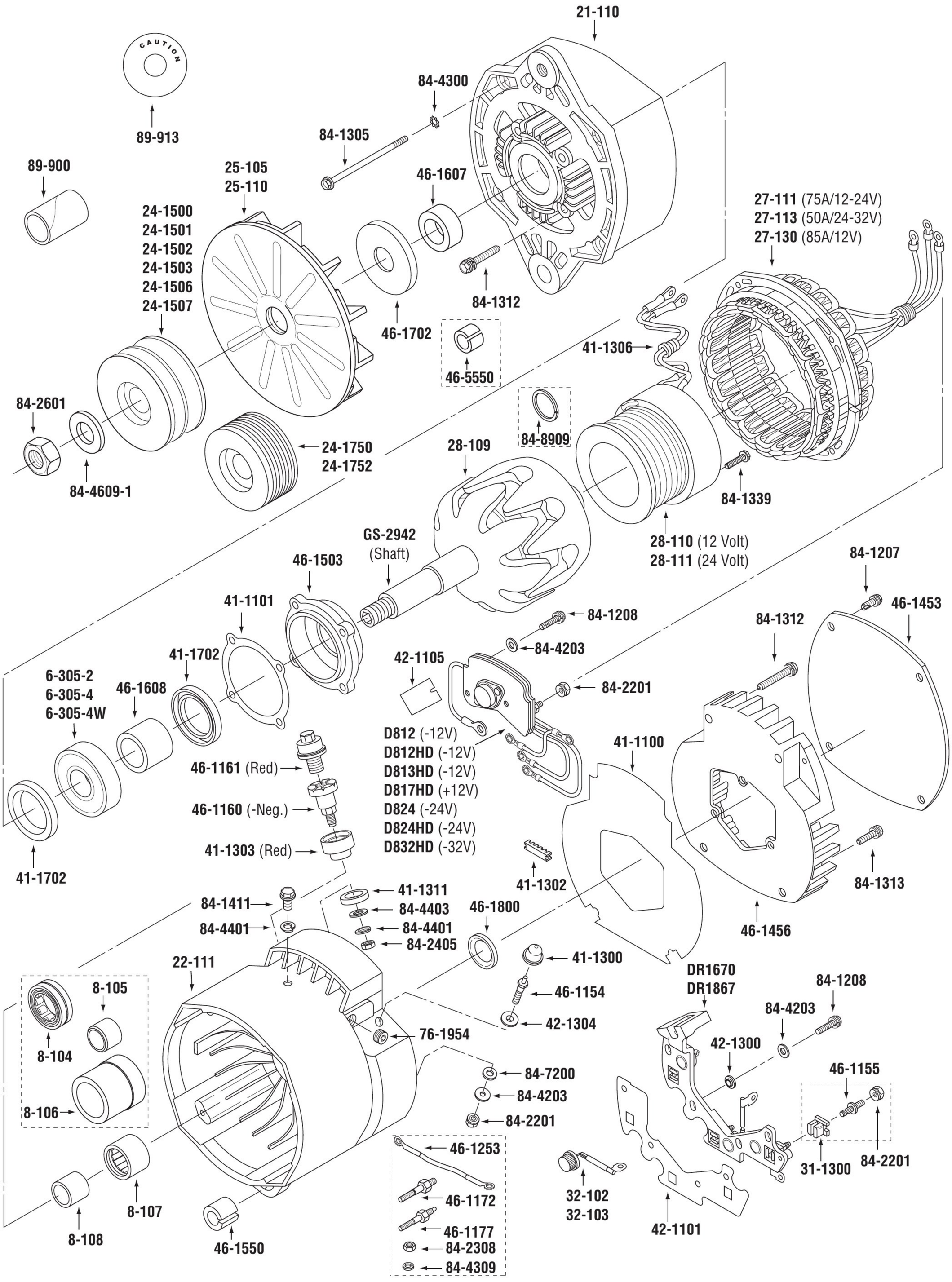


*Under Development

WAI No.	Description
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-128	NEEDLE BEARING - S.R.E.
21-186	D.E. FRAME (Pad Mount)
22-179*	S.R.E. FRAME
25-109	FAN - Bidirectional (Cast Aluminum)
27-125	STATOR - 115-130A/12V
28-139	ROTOR - 100A/12V
28-140	ROTOR - 130-145A/12V
28-1858	SLIP RING - Rotor
38-126	BRUSH
39-116*	BRUSH HOLDER ASSY.
39-1703	BRUSH SPRING
41-1105	VIBRATION DAMPENER - Diode Trio
41-1703	SEAL - Brush Holder
41-1704	RUBBER WASHER - S.R.E. Bearing
42-1324*	INSULATOR - Batt. Term.
42-1325*	INSULATOR - Regulator
46-1105	CAPACITOR
46-1194*	BATTERY TERMINAL (M6 x 1.0 Int., M10 x 1.5 Ext.)
46-1330*	CONNECTOR - Rectifier to Regulator
46-1331*	CONNECTOR - Rectifier to Regulator
46-1332*	CONNECTOR - Rectifier to Regulator
46-2502	BEARING RETAINER - D.E. Frame
84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
84-1205	SCREW W/ INSULATOR - Rectifier (8-32 x 1-1/4 L, Hex, w/ Att. Washer)
84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1233	SCREW - Brush Holder (8-32 x 1-1/2 L, Hex, w/ Att. Flat Washer)
84-1243*	SCREW W/ INSULATOR - Regulator (8-32 x 21/32 L, Hex, w/ Att. Washer)
84-1317	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Form.)
85-1404*	GROUND TERMINAL (M10 x 1.5 Int., M8 x 1.25 Ext.)
84-1443	THRU BOLT (1/4-20 x 2-9/16 L)
84-2201	HEX NUT - Rectifier, Regulator (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-4302	FLAT WASHER - Bearing Retainer Screw (5mm ID)
89-900	SPACER - Packaging (Cardboard)
D907*	REGULATOR (12V)
DR5174-1	RECTIFIER (Wide-Fin Heat Sink, 6-Avalanche Diodes)
DR5174PF	RECTIFIER (Wide-Fin Heat Sink, 6-Press-Fit Avalanche Diodes)
DR5177	RECTIFIER (Saw-Fin Heat Sink, 6-Avalanche Diodes)
DR5177PF	RECTIFIER (Saw-Fin Heat Sink, 6-Press-Fit Avalanche Diodes)

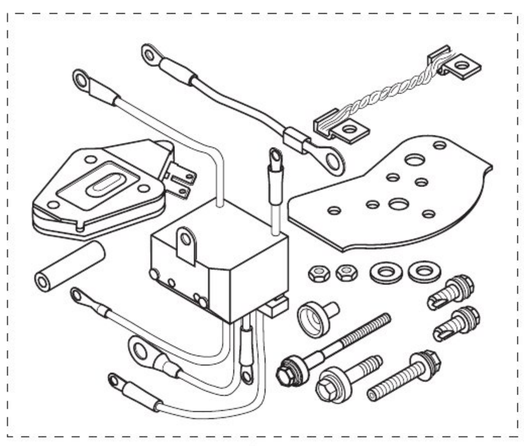
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DELCO 25SI SERIES

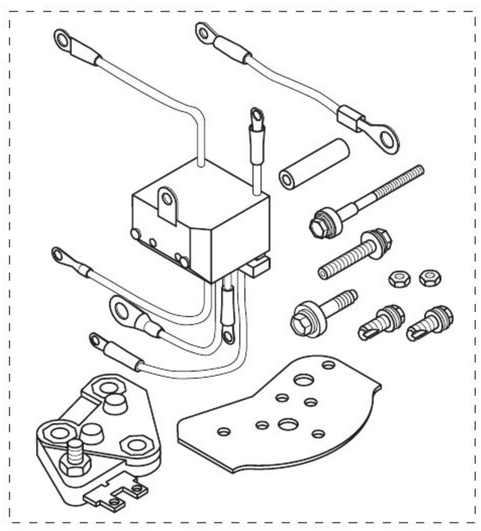


WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-104	OUTER RACE ROLLER BEARING - Early Style (40mm OD)
8-105	INNER RACE - Early Style (17.5mm L)
8-106	BEARING REPAIR SLEEVE
8-107	OUTER RACE ROLLER BEARING - Late Style (30mm OD)
8-108	INNER RACE - Late Style (25.4mm L)
21-110	D.E. FRAME
22-111	RECTIFIER END FRAME (Less Diodes)
24-1500	2-GROOVE PULLEY (79mm OD w/ Keyway)
24-1501	2-GROOVE PULLEY - Cummins No. 213326 (89mm OD w/ Keyway)
24-1502	2-GROOVE PULLEY - Kenworth No. K187-310 (122mm OD w/ Keyway)
24-1503	1-GROOVE PULLEY - Caterpillar No. 4N8225 (16mm Belt x 105mm OD w/ Keyway)
24-1506	3-GROOVE PULLEY - Mack No. 310GC276 (13mm Belts x 89mm OD w/ Keyway)
24-1507	2-GROOVE PULLEY (85mm OD)
24-1750	9-GROOVE PULLEY - Detroit Dsl. No. 5145471 (72mm OD w/ Keyway)
24-1752	8-GROOVE PULLEY (87mm OD)
25-105	FAN - Early Style (Stamped Steel)
25-110	FAN - Late Style (Cast Aluminum)
27-111	STATOR - 75A/12-24V
27-113	STATOR - 50A/24-32V
27-130	STATOR - 85A/12V
28-109	ROTOR
28-110	STATIONARY COIL - 12V
28-111	STATIONARY COIL - 24V
31-1300	INSULATOR - Rectifier
32-102	NEGATIVE DIODE (35A/100V)
32-103	POSITIVE DIODE (35A/100V)

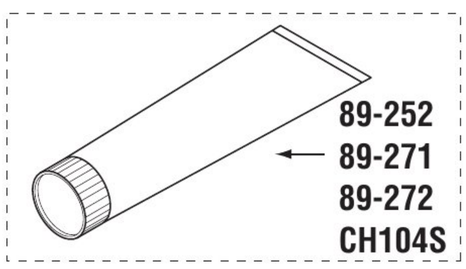
WAI No.	Description
41-1100	GASKET - Rectifier Cover
41-1101	GASKET - Brg. Retainer
41-1300	BOOT - Relay Term. (Rubber)
41-1302	GROMMET - Lead Support (5-Slot)
41-1303	BOOT - Neg. Battery Term. (Red)
41-1306	GROMMET - Stationary Coil Leads
41-1311	INSULATOR - Batt. Term. (9/16 ID)
41-1702	SEAL - D.E. Bearing
42-1101	INSULATOR - Rectifier
42-1105	SUPPORT - Regulator Lead
42-1300	INSULATOR - Rectifier Screw
42-1304	INSULATOR - Relay Term.
46-1154	RELAY TERMINAL (Pin Type Post)
46-1155	STUD - Rectifier
46-1160	OUTPUT TERMINAL - Neg. Grd. (Female)
46-1161	OUTPUT TERMINAL - Neg. Grd. (Red)
46-1172	RELAY, I-TERMINAL (8-32 Int., 10-24 Ext.)
46-1177	RELAY TERMINAL (Universal Design)
46-1253	WIRE LEAD - Regulator to I-Term.
46-1453	COVER PLATE
46-1456	COVER - Rectifier
46-1503	BEARING RETAINER - D.E. Frame, Early Style used w/ 41-1702 Seal (Cast Iron)
46-1550	MOUNTING BUSHING - S.R.E. Frame
46-1607	SPACER - Fan (35mm OD x 13.7mm L)
46-1608	SPACER - Internal, Early Style (35mm OD x 28mm L)
46-1702	DEBRIS SHIELD - D.E. Frame
46-1800	BEARING COVER PLUG - S.R.E. Frame
46-5550	REPAIR BUSHING - D.E. Frame Mtg. Foot
49-1107	REGULATOR CONVERSION KIT - 12V
49-1108	REGULATOR CONVERSION KIT - 24V
49-1118	REPAIR KIT
49-1507	TERMINAL KIT - Battery - Neg. Grd
76-1954	PIPE PLUG - Rectifier End Frame

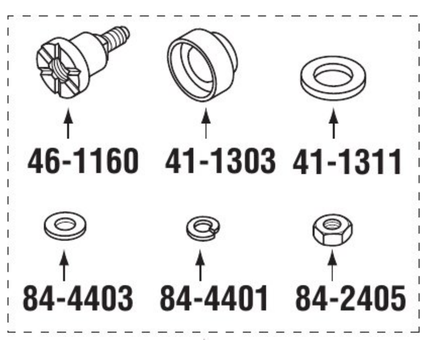


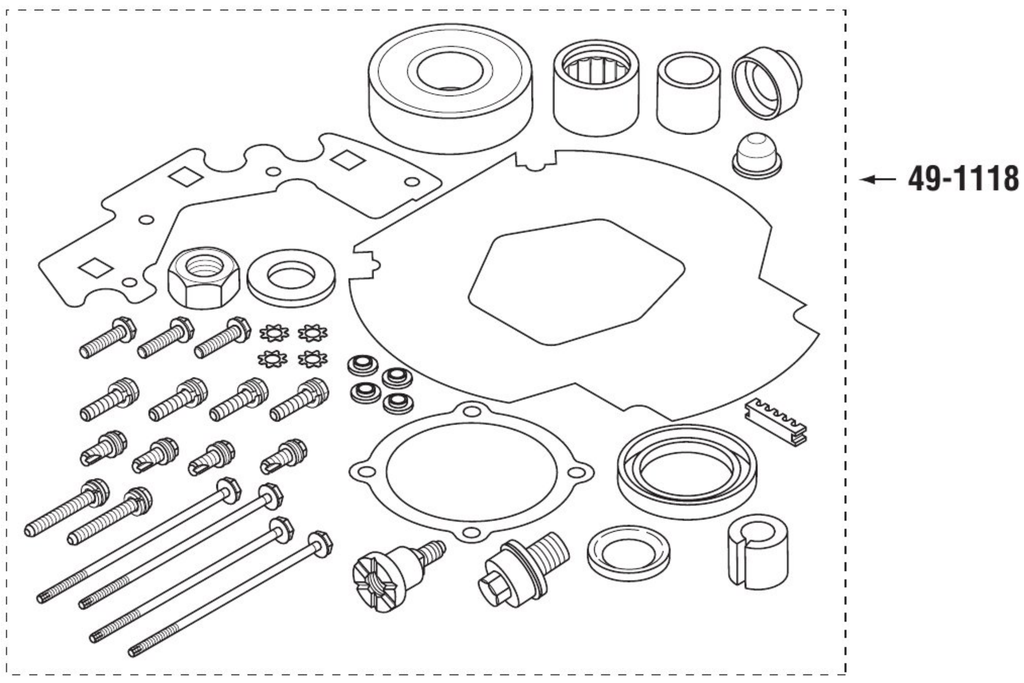
49-1107 (12V)



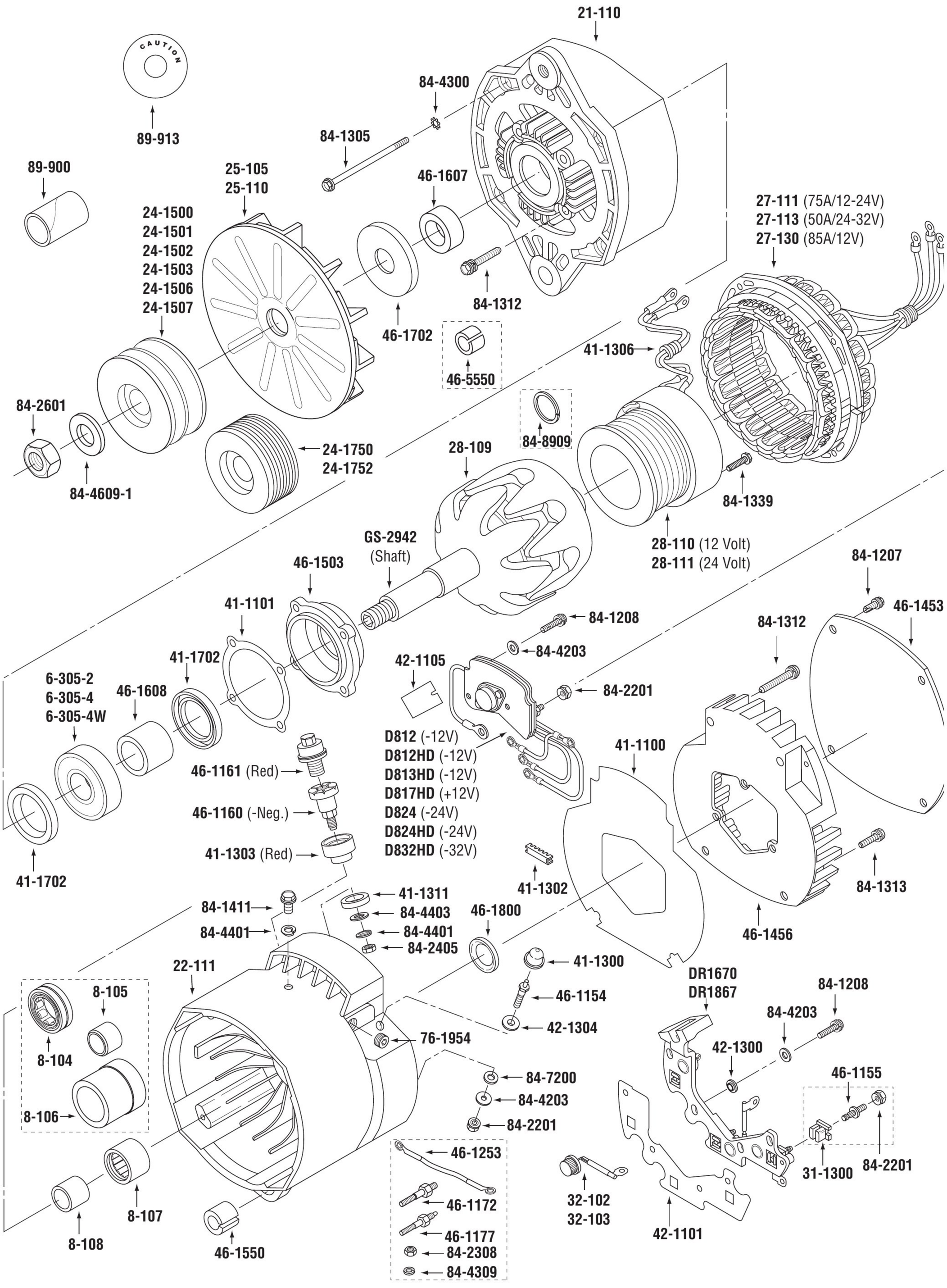
49-1108 (24V)





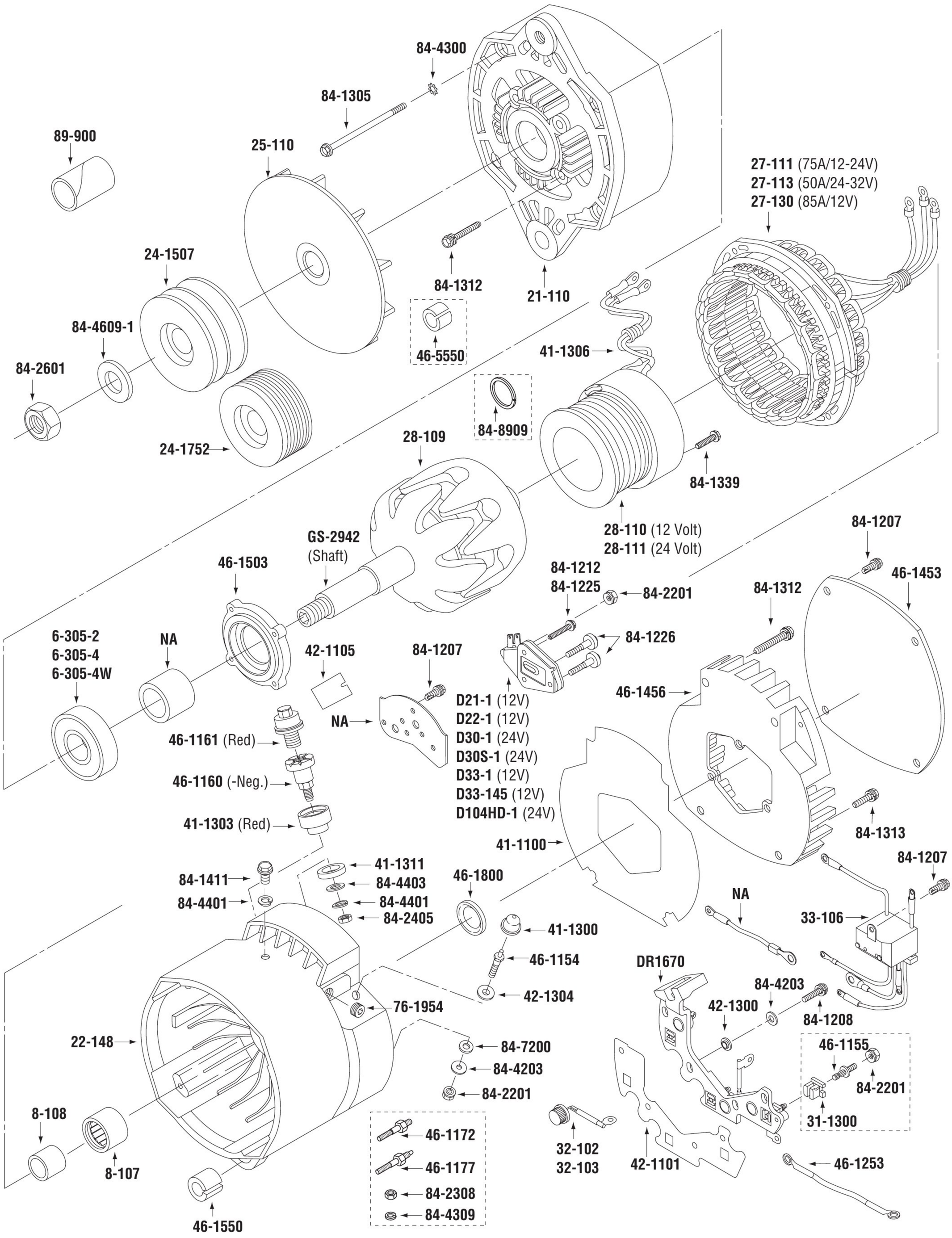


DELCO 25SI SERIES (cont'd.)



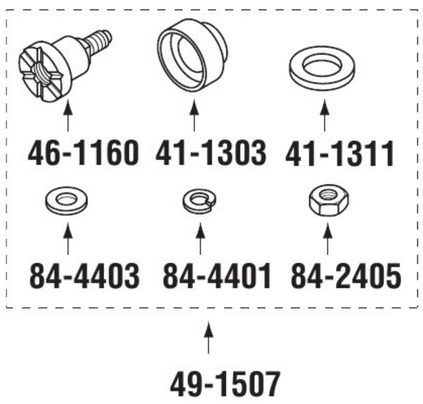
WAI No.	Description
84-1207	SCREW - Cover Plate (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1208	SCREW - Rectifier, Regulator (8-32 x 3/4 L, Hex, Thd. Form.)
84-1305	THRU BOLT (10-24 x 3-5/8 L)
84-1312	SCREW - Brg. Retainer, Rectifier Cover (10-24 x 1-3/8 L, Hex, Thd. Form.)
84-1313	SCREW - Rectifier Cover (10-24 x 3/4 L, Hex, Thd. Form.)
84-1339	SCREW - Stationary Coil (10-24 x 13/16 L, Hex)
84-1411	SCREW - Ground (1/4-20 x 5/16 L, Hex)
84-2201	HEX NUT - Rectifier, Regulator, Relay & I-Terminals (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2308	HEX NUT - Relay, I-Terminal (10-24 x 3/8 F x 1/8 T)
84-2405	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 7/32 T)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4203	FLAT WASHER - Rectifier, Regulator, Relay Term. (#8 ID)
84-4300	LOCK WASHER - Thu Bolt (#10 ID, Ext. Tooth)
84-4309	LOCK WASHER - Relay, I-Terminal (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term., Grd. (1/4 ID, Split)
84-4403	FLAT WASHER - Batt. Term. (1/4 ID)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-7200	INSULATING WASHER - Relay Term., Rectifier (#10 ID)
84-8909	RETAINING RING - Rotor (.935 ID x .075 T)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-900	SPACER - Packaging (Cardboard)
89-913	CAUTION TAG (Cautions the installer to remove pulley nut with the unit in horizontal position only.)
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D812	REGULATOR - 12V, Neg. Grd.
D812HD	REGULATOR - 12V, Neg. Grd. (Heavy Duty)
D813HD	REGULATOR - 12V, Neg. Grd. (Heavy Duty)
D817HD	REGULATOR - 12V, Pos. Grd.
D824	REGULATOR - 24V, Neg. Grd.
D824HD	REGULATOR - 24V, Neg. Grd. (Heavy Duty)
D832HD	REGULATOR - 32V, Neg. Grd.
DR1670	POSITIVE RECTIFIER - Neg. Grd. Alts.
DR1867	NEGATIVE RECTIFIER - Pos. Grd. Alts.
GS-2942	SHAFT - Rotor

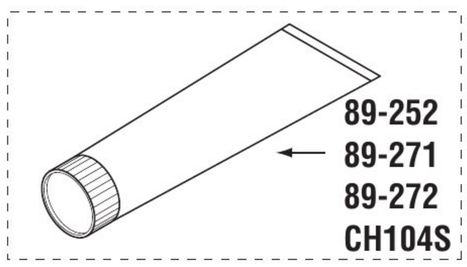
DELCO 26SI SERIES

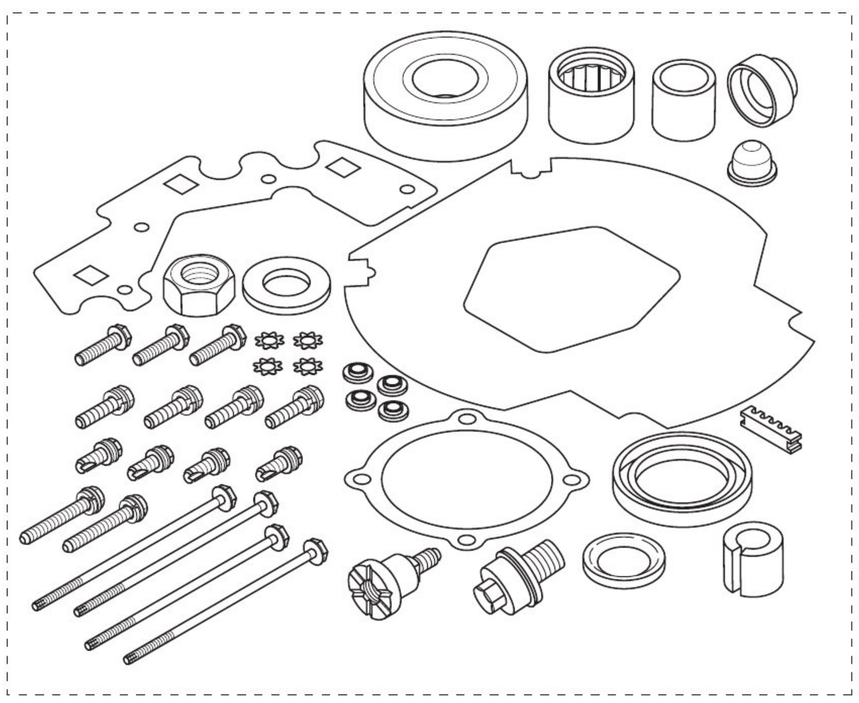


WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-107	OUTER RACE ROLLER BEARING
8-108	INNER RACE
21-110	D.E. FRAME
22-148	RECTIFIER END FRAME (Less Diodes)
24-1507	2-GROOVE PULLEY (85mm OD)
24-1752	8-GROOVE PULLEY (87mm OD)
25-110	FAN
27-111	STATOR - 75A/12-24V
27-113	STATOR - 50A/24-32V
27-130	STATOR - 85A/12V
28-109	ROTOR
28-110	STATIONARY COIL - 12V
28-111	STATIONARY COIL - 24V
31-1300	INSULATOR - Rectifier
32-102	NEGATIVE DIODE (35A/100V)
32-103	POSITIVE DIODE (35A/100V)
33-106	DIODE TRIO
41-1100	GASKET - Rectifier Cover
41-1300	BOOT - Relay Term. (Rubber)
41-1303	BOOT - Batt. Term. (Red)
41-1306	GROMMET - Stationary Coil Leads
41-1311	INSULATOR - Batt. Term. (9/16 ID)
42-1101	INSULATOR - Rectifier
42-1105	SUPPORT - Regulator Lead
42-1300	INSULATOR - Rectifier Screw
42-1304	INSULATOR - Relay Term.
46-1154	RELAY TERMINAL (Pin Type Post)
46-1155	STUD - Rectifier
46-1160	OUTPUT TERMINAL (Female)
46-1161	OUTPUT TERMINAL (Red)
46-1172	RELAY, I-TERMINAL (8-32 Int., 10-24 Ext.)
46-1177	RELAY TERMINAL (Universal Design)
46-1253	WIRE LEAD - Regulator to I-Term.
46-1453	COVER PLATE
46-1456	COVER - Rectifier
46-1503	BEARING RETAINER (Cast Iron)
46-1550	MOUNTING BUSHING - S.R.E. Frame
46-1800	BEARING COVER PLUG - S.R.E. Frame
46-5550	REPAIR BUSHING - D.E. Frame Mtg. Foot
49-1118	REPAIR KIT
49-1507	TERMINAL KIT - Battery
76-1954	PIPE PLUG - Rectifier End Frame

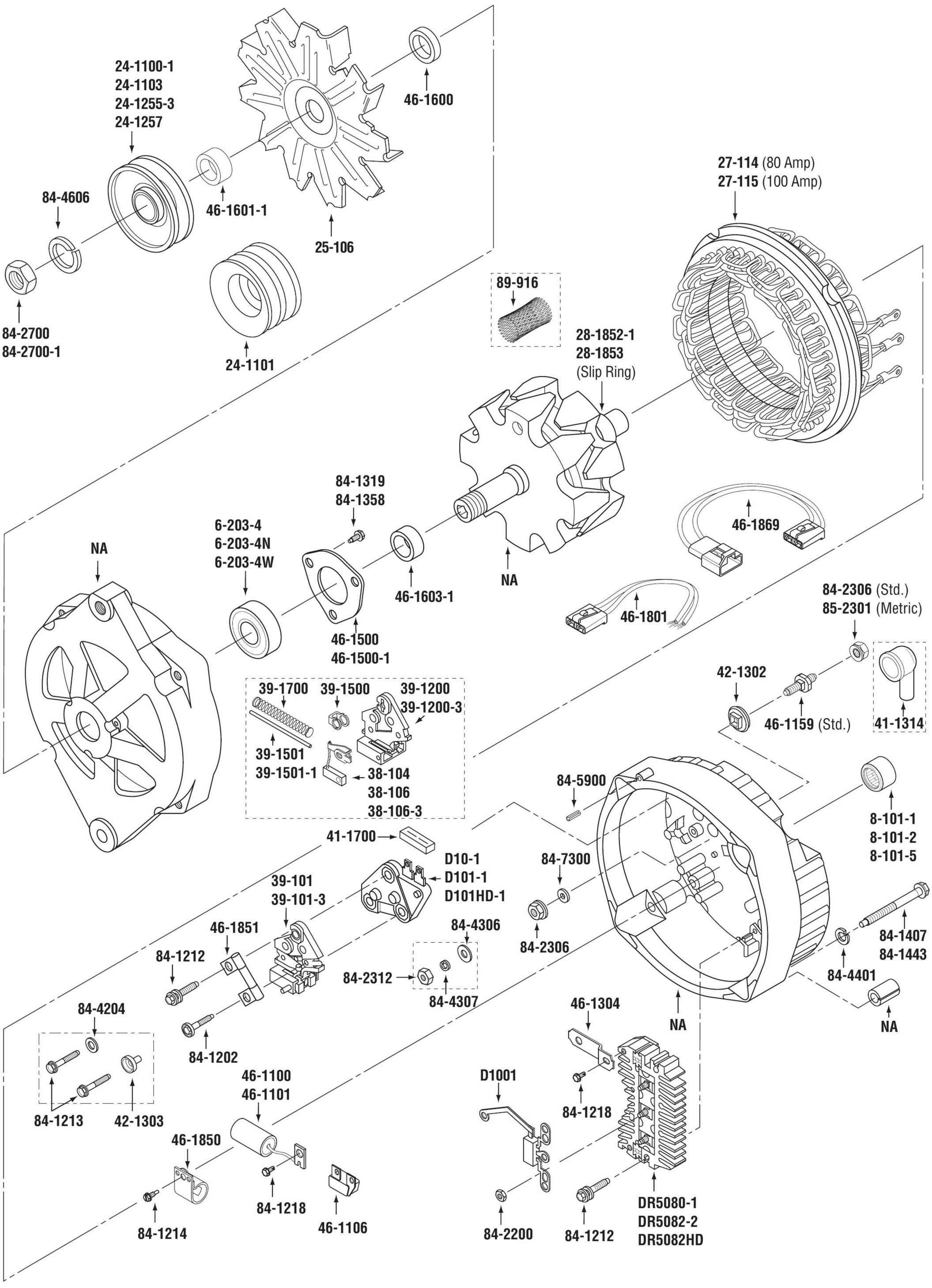
WAI No.	Description
84-1207	SCREW - Cover Plate, Diode Trio, Regulator (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1208	SCREW - Rectifier (8-32 x 3/4 L, Hex, Thd. Form.)
84-1212	SCREW - Regulator (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1225	SCREW - Regulator (8-32 x 1 L, Hex, Thd. Form.)
84-1226	SCREW W/ INSULATOR - Regulator (8-32 x 31/32 L, Hex, w/ Att. Washer, Thd. Form.)
84-1305	THRU BOLT (10-24 x 3-5/8 L)
84-1312	SCREW - Brg. Retainer, Rectifier Cover (10-24 x 1-3/8 L, Hex, Thd. Form.)
84-1313	SCREW - Rectifier Cover (10-24 x 3/4 L, Hex, Thd. Form.)
84-1339	SCREW - Stationary Coil (10-24 x 13/16 L, Hex)
84-1411	SCREW - Ground (1/4-20 x 5/16 L, Hex)
84-2201	HEX NUT - Rectifier, Regulator, Relay & I-Terminals (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2308	HEX NUT - Relay Term. (10-24 x 3/8 F x 1/8 T)
84-2405	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 7/32 T)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4203	FLAT WASHER - Rectifier, Relay Term. (#8 ID)
84-4300	LOCK WASHER - Thu Bolt (#10 ID, Ext. Tooth)
84-4309	LOCK WASHER - Relay, I-Terminal (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term., Grd. (1/4 ID, Split)
84-4403	FLAT WASHER - Batt. Term. (1/4 ID)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-7200	INSULATING WASHER - Relay Term., Rectifier (#10 ID)
84-8909	RETAINING RING - Rotor (.935 ID x .075 T)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-900	SPACER - Packaging (Cardboard)
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D21-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D22-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
D33-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.1 Vset, Heavy Duty)
D33-145	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset, Heavy Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
DR1670	POSITIVE RECTIFIER - Neg. Grd. Alts.
GS-2942	SHAFT - Rotor





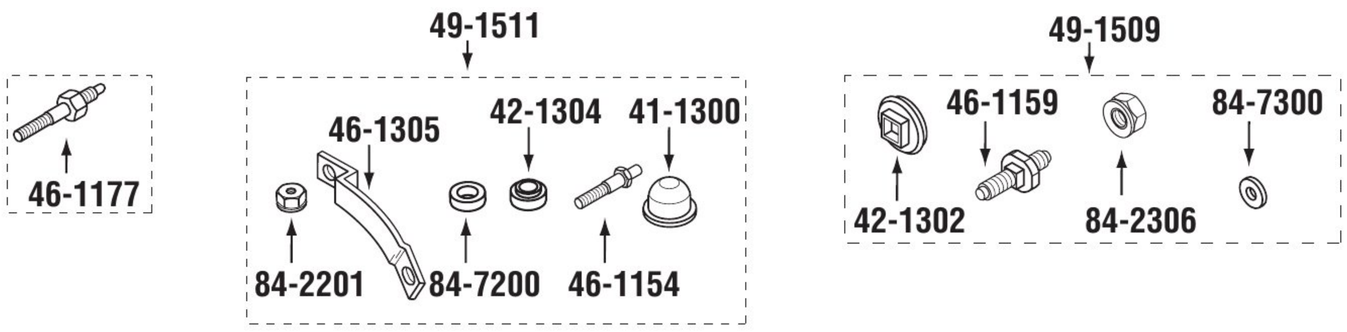


DELCO 27SI/TYPE 100 SERIES

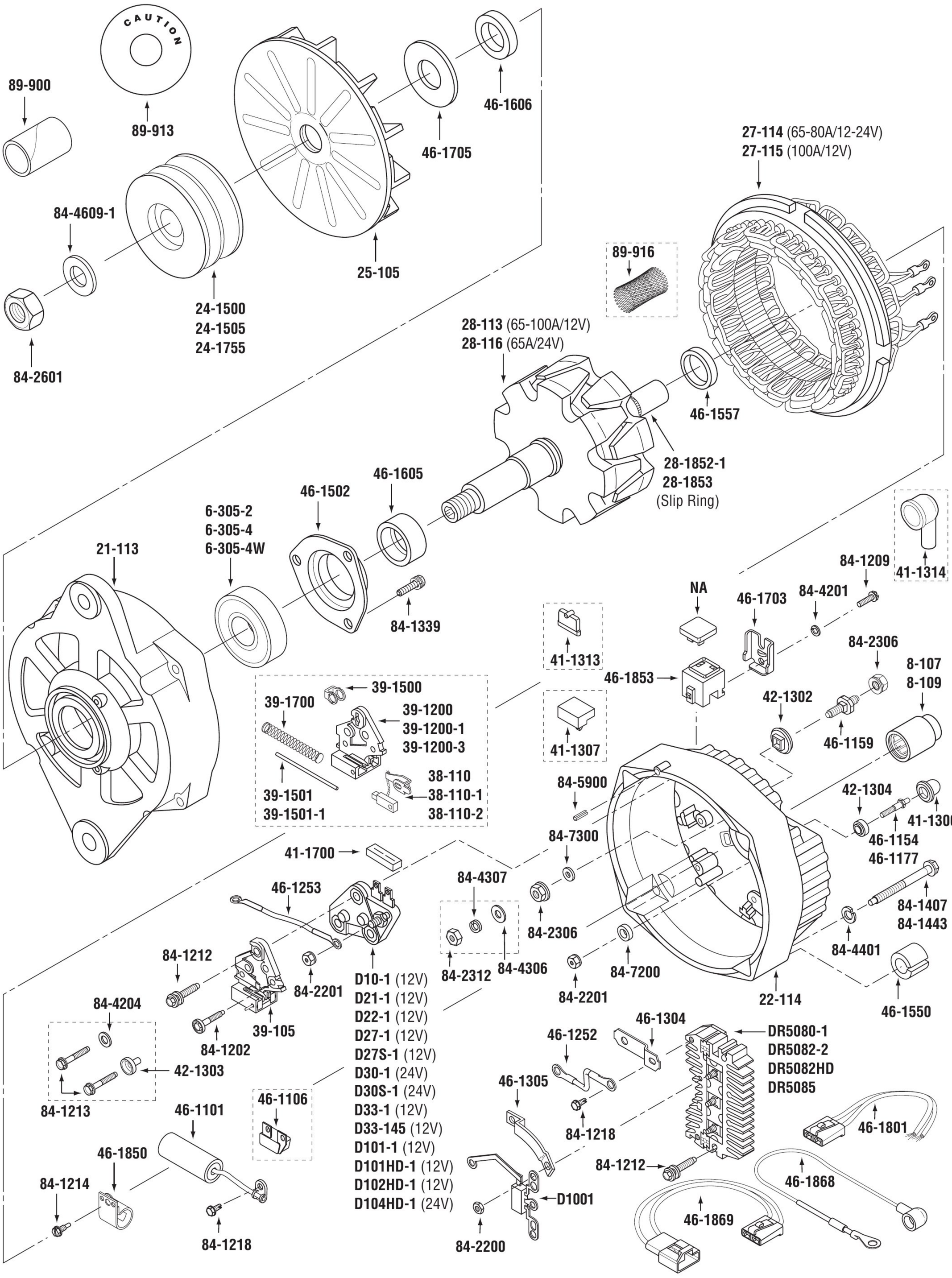


WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
24-1100-1	1-GROOVE PULLEY (10mm Belt x 67mm OD)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)
24-1103	1-GROOVE PULLEY - Used w/ 46-1601-1 Spacer (10mm Belt x 66mm OD)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)
24-1257	5-GROOVE PULLEY (54mm OD)
25-106	FAN
27-114	STATOR - 80A/12V
27-115	STATOR - 100A/12V
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)
28-1853	SLIP RING - Rotor (18.3mm ID x 30mm OD)
38-104	BRUSH - Ref# R-103 (1/2 L)
38-106	BRUSH - Ref# R-130 (5/8 L)
38-106-3	BRUSH - Ref# R-130 (5/8 L)
39-101	BRUSH HOLDER ASSY.
39-101-3	BRUSH HOLDER ASSY.
39-1200	BRUSH HOLDER (Universal Aftmrkt Design)
39-1200-3	BRUSH HOLDER (Universal Aftmrkt Design)
39-1500	CLIP - Brush Holder
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1700	BRUSH SPRING - Brush
41-1300	BOOT - Relay Term. (Rubber)
41-1314	BOOT - Battery Terminal (Rubber)
41-1700	SEAL - Regulator Terminals
42-1302	INSULATOR - Batt. Term.
42-1303	INSULATOR - Brush Holder Screw
42-1304	INSULATOR - Relay Term.
46-1100	CAPACITOR (.5mf)
46-1101	CAPACITOR (1.5mf)
46-1106	CAPACITOR - Late Style
46-1154	RELAY TERMINAL (Pin Type Post)
46-1159	BATTERY TERMINAL (12-24 Int., 12-24 Ext.)
46-1177	RELAY TERMINAL (Universal Design)
46-1304	CONNECTOR - Batt. Term. to Rectifier
46-1305	CONNECTOR - Rect. to Relay Term.
46-1500	BEARING RETAINER - D.E. Frame
46-1500-1	BEARING RETAINER - D.E. Frame
46-1600	SPACER - Fan (22.23mm OD x 5mm L)

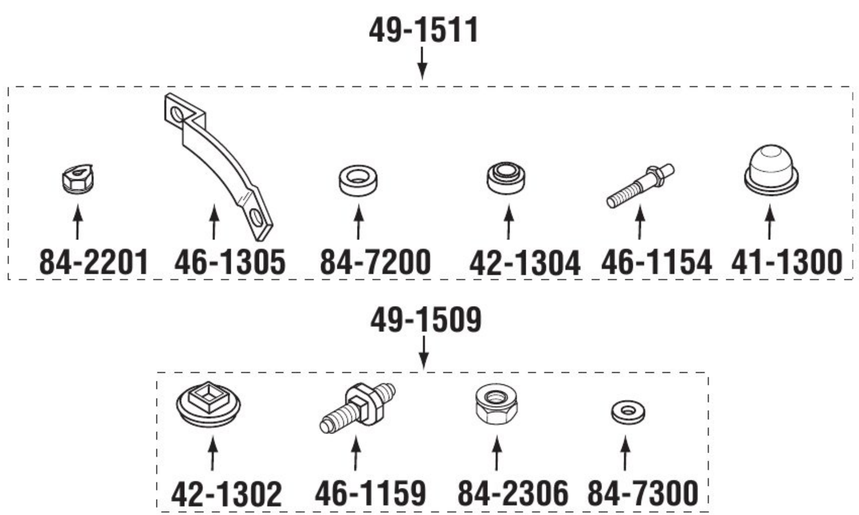
WAI No.	Description
46-1601-1	SPACER - Pulley (25.5mm OD x 10mm L)
46-1603-1	SPACER - Rotor (22.23mm OD x 9.5mm L)
46-1801	REPAIR HARNESS - Regulator
46-1850	BRACKET - Capacitor
46-1851	RESISTOR (40 Ohm)
46-1869	PLUG EXTENSION (Additional Clock Positions)
49-1509	TERMINAL KIT - Battery (Std. Thd.)
49-1511	TERMINAL KIT - Relay
84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1213	SCREW - Brush Holder (8-32 x 1-1/8 L, Hex)
84-1214	SCREW - Capacitor Brkt. (8-32 x 1/2 L, Slotted Hex)
84-1218	SCREW - Capacitor Lead, Rectifier (8-32 x 3/8 L, Hex)
84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
84-1358	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Cut.)
84-1407	THRU BOLT (1/4-20 x 2-1/2 L)
84-1443	THRU BOLT (1/4-20 x 2-9/16 L)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2201	HEX NUT - Relay Term. (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
84-2312	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4204	FLAT WASHER - Brush Holder (#8 ID)
84-4306	FLAT WASHER - Batt. Term. (#12 ID)
84-4307	LOCK WASHER - Batt. Term. (#12 ID, Split)
84-4401	LOCK WASHER - Thru Bolt (1/4 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
84-5900	SPLIT ROLL PIN - S.R.E. Frame (.133 OD x 1/2 L)
84-7200	INSULATING WASHER - Relay Term. (#10 ID)
84-7300	INSULATING WASHER - Batt. Term. (#12 ID)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
D10-1	REGULATOR (14.8 Vset)
D101-1	REGULATOR (14.8 Vset, 5A Field)
D101HD-1	REGULATOR (14.8 Vset, 5A Field, Heavy Duty)
D1001	DIODE TRIO
DR5080-1	RECTIFIER (25A Diodes)
DR5082-2	RECTIFIER (50A Diodes)
DR5082HD	RECTIFIER (70A Diodes, Vibration Protected)



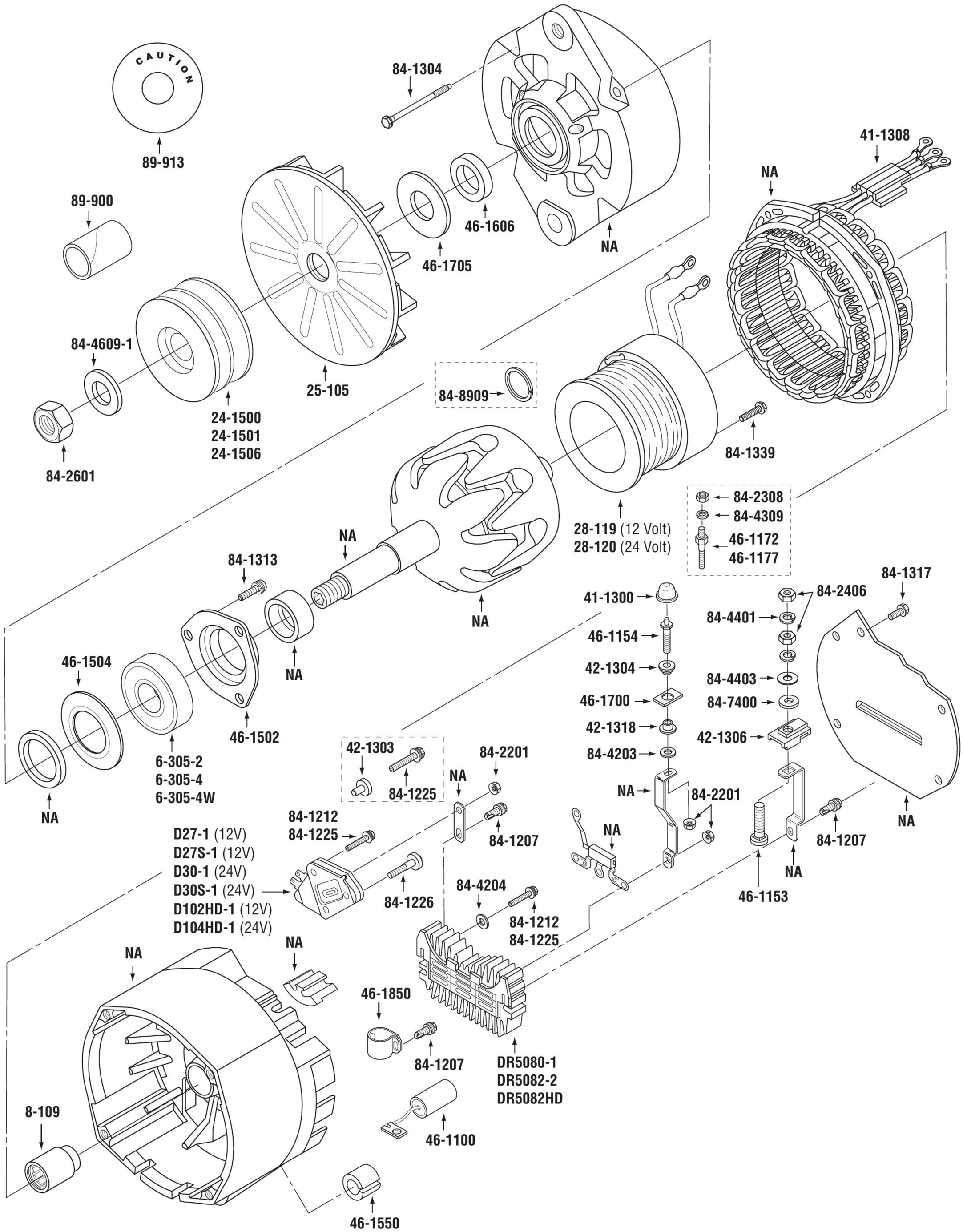
DELCO 27SI/TYPE 200 SERIES



WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-107	OUTER RACE ROLLER BEARING - S.R.E., Type 205 w/ Ext. Shaft
8-109	NEEDLE BEARING - S.R.E.
21-113	D.E. FRAME
22-114	S.R.E. FRAME - Type 200
24-1500	2-GROOVE PULLEY (79mm OD w/ Keyway)
24-1505	3-GROOVE PULLEY (13mm Belts x 73mm OD)
24-1755	8-GROOVE PULLEY (60mm OD)
25-105	FAN
27-114	STATOR - 65-80A/12-24V
27-115	STATOR - 100A/12V
28-113	ROTOR - Type 200, 65-100A/12V
28-116	ROTOR - 65A/24V
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)
28-1853	SLIP RING - Rotor (18.3mm ID x 30mm OD)
38-110	BRUSH - Ref# R-106
38-110-1	BRUSH - Agricultural Applications (Higher Copper Content)
38-110-2	BRUSH - Used in 10SI Brush Holder for 27SI/Type 200 Alts.
39-105	BRUSH HOLDER ASSY.
39-1200	BRUSH HOLDER (Universal Aftmrkt Design)
39-1200-1	BRUSH HOLDER (OE Design)
39-1200-3	BRUSH HOLDER (Universal Aftmrkt Design)
39-1500	CLIP - Brush Holder
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1700	BRUSH SPRING - Brush
41-1300	BOOT - Relay Term. (Rubber)
41-1307	PLUG - Regulator Terminals (Web type)
41-1313	BOOT - Regulator Terminals
41-1314	BOOT - Battery Terminal (Rubber)
41-1700	SEAL - Regulator Terminals
42-1302	INSULATOR - Batt. Term.
42-1303	INSULATOR - Brush Holder Screw
42-1304	INSULATOR - Relay Term.
46-1101	CAPACITOR (1.5mf)
46-1106	CAPACITOR - Late Style
46-1154	RELAY TERMINAL (Pin Type Post)
46-1159	BATTERY TERMINAL (12-24 Int., 12-24 Ext.)
46-1177	RELAY TERMINAL (Universal Design)
46-1252	WIRE LEAD - Rect. to Reg. Stud, Neg. Grd.
46-1253	WIRE LEAD - Regulator to I-Term.
46-1304	CONNECTOR - Batt. Term. to Rectifier
46-1305	CONNECTOR - Rect. to Relay Term.
46-1502	BEARING RETAINER - D.E. Frame
46-1550	MOUNTING BUSHING - S.R.E. Frame
46-1557	SEAL - Rotor (18.5mm ID)
46-1605	SPACER - Rotor (33.5mm OD x 14.5mm L)
46-1606	SPACER - Fan (35.5mm OD x 8mm L)
46-1703	BRACKET - Volt. Adj. Block
46-1705	DEBRIS SHIELD - D.E. Bearing
46-1801	REPAIR HARNESS - Regulator
46-1850	BRACKET - Capacitor
46-1853	VOLTAGE ADJUSTMENT BLOCK
46-1868	RESISTOR - Batt. Term. to R-Term.
46-1869	PLUG EXTENSION (Additional Clock Positions)
49-1509	TERMINAL KIT - Battery (Std. Thd.)
49-1511	TERMINAL KIT - Relay
84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
84-1209	SCREW - Volt. Adj. Block (8-32 x 5/8 L, Slotted Hex)
84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1213	SCREW - Brush Holder (8-32 x 1-1/8 L, Hex)
84-1214	SCREW - Capacitor Brkt. (8-32 x 1/2 L, Slotted Hex)
84-1218	SCREW - Capacitor Lead, Rectifier (8-32 x 3/8 L, Hex)
84-1339	SCREW - Brg. Retainer (10-24 x 13/16 L, Hex)
84-1407	THRU BOLT (1/4-20 x 2-1/2 L)
84-1443	THRU BOLT (1/4-20 x 2-9/16 L)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2201	HEX NUT - Relay Term., Regulator (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
84-2312	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4201	LOCK WASHER - Volt. Adj. Block (#8 ID, Split)
84-4204	FLAT WASHER - Brush Holder (#8 ID)
84-4306	FLAT WASHER - Batt. Term. (#12 ID)
84-4307	LOCK WASHER - Batt. Term. (#12 ID, Split)
84-4401	LOCK WASHER - Thru Bolt (1/4 ID, Split)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-5900	SPLIT ROLL PIN - S.R.E. Frame (.133 OD x 1/2 L)
84-7200	INSULATING WASHER - Relay Term. (#10 ID)
84-7300	INSULATING WASHER - Batt. Term. (#12 ID)
89-900	SPACER - Packaging (Cardboard)
89-913	CAUTION TAG (Cautions the installer to remove pulley nut with the unit in horizontal position only.)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
D10-1	REGULATOR - 12V (14.8 Vset)
D21-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D22-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset)
D27-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D27S-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, S-Series)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
D33-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.1 Vset, Heavy Duty)
D33-145	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset, Heavy Duty)
D101-1	REGULATOR - 12V (14.8 Vset, 5A Field)
D101HD-1	REGULATOR - 12V (14.8 Vset, 5A Field, Heavy Duty)
D102HD-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, Heavy-Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
D1001	DIODE TRIO
DR5080-1	RECTIFIER - Neg. Grd. Alts. (25A Diodes)
DR5082-2	RECTIFIER - Neg. Grd. Alts. (50A Diodes)
DR5082HD	RECTIFIER - Neg. Grd. Alts. (70A Diodes, Vibration Protected)
DR5085	RECTIFIER - Pos. Grd. Alts. (50A Diodes)



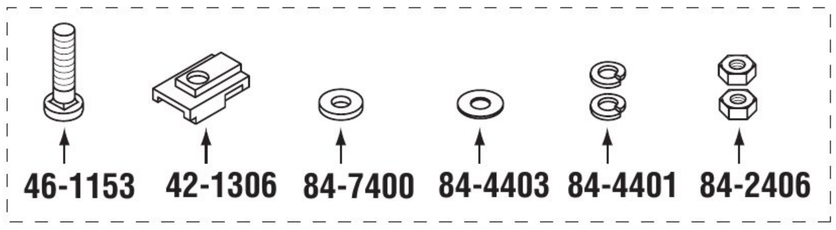
DELCO 29SI SERIES



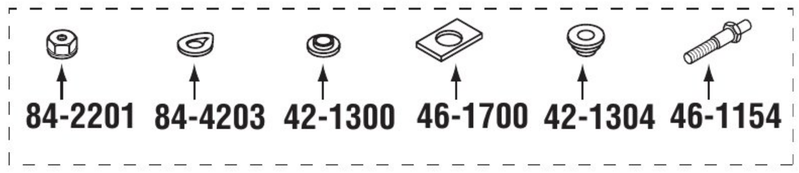
WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-109	NEEDLE BEARING
24-1500	2-GROOVE PULLEY (79mm OD w/ Keyway)
24-1501	2-GROOVE PULLEY - Cummins No. 213326 (89mm OD w/ Keyway)
24-1506	3-GROOVE PULLEY - Mack No. 310GC276 (13mm Belts x 89mm OD w/ Keyway)
25-105	FAN
28-119	STATIONARY COIL - 12V
28-120	STATIONARY COIL - 24V
41-1300	BOOT - Relay Term. (Rubber)
41-1308	GROMMET - Stator Leads
42-1300	INSULATOR - Relay Terminal
42-1303	INSULATOR - Regulator Screw
42-1304	INSULATOR - Relay Term.
42-1306	INSULATOR - Batt. Term.
42-1318	INSULATOR - Relay Term.
46-1100	CAPACITOR (.5mf)
46-1153	BATTERY TERMINAL (1/4-28 x 1-3/16)
46-1154	RELAY TERMINAL (Pin Type Post)
46-1172	RELAY, I-TERMINAL - 24V (8-32 Int., 10-24 Ext.)
46-1177	RELAY TERMINAL (Universal Design)
46-1502	BEARING RETAINER - D.E. Frame
46-1504	RETAINER PLATE - D.E. Brg.
46-1550	MOUNTING BUSHING - S.R.E. Frame
46-1606	SPACER - Fan (35.5mm OD x 8mm L)
46-1700	WASHER PLATE - Relay Term.
46-1705	DEBRIS SHIELD - D.E. Bearing
46-1850	BRACKET - Capacitor
49-1505	TERMINAL KIT - Battery
49-1506	TERMINAL KIT - Relay, 12V
49-1518	TERMINAL KIT - Relay, 24V
84-1207	SCREW - Batt. Term., Capacitor, Rectifier (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1212	SCREW - Rectifier, Regulator (8-32 x 1-1/8 L, Hex, w/ Att. Washer)

WAI No.	Description
84-1225	SCREW - Rectifier, Regulator (8-32 x 1 L, Hex, Thd. Form.)
84-1226	SCREW W/ INSULATOR - Regulator (8-32 x 31/32 L, Hex, w/ Att. Washer, Thd. Form.)
84-1304	THRU BOLT (10-24 x 2-1/2 L)
84-1313	SCREW - Brg. Retainer (10-24 x 3/4 L, Hex, Thd. Form.)
84-1317	SCREW - Rectifier End Frame Cover (10-24 x 1/2 L, Hex, Thd. Form.)
84-1339	SCREW - Stationary Coil (10-24 x 13/16 L, Hex)
84-2201	HEX NUT - Relay Term., Regulator (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2308	HEX NUT - Relay Term. (10-24 x 3/8 F x 1/8 T)
84-2406	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 3/16 T)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4203	FLAT WASHER - Relay Term. (#8 ID)
84-4204	FLAT WASHER - Rectifier (#8 ID)
84-4309	LOCK WASHER - Relay Term. (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term. (1/4 ID, Split)
84-4403	FLAT WASHER - Batt. Term. (1/4 ID)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-7400	INSULATING WASHER - Batt. Term. (1/4 ID)
84-8909	RETAINING RING - Rotor (.935 ID x .075 T)
89-900	SPACER - Packaging (Cardboard)
89-913	CAUTION TAG (Cautions the installer to remove pulley nut with the unit in horizontal position only.)
D27-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D27S-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, S-Series)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
D102HD-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, Heavy-Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
DR5080-1	RECTIFIER - Neg. Grd. Alts. (25A Diodes)
DR5082-2	RECTIFIER - Neg. Grd. Alts. (50A Diodes)
DR5082HD	RECTIFIER - Neg. Grd. Alts. (70A Diodes, Vibration Protected)

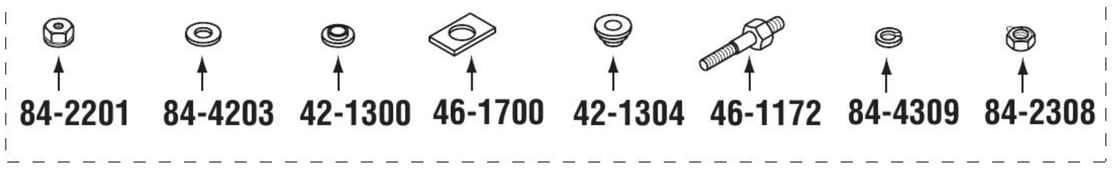
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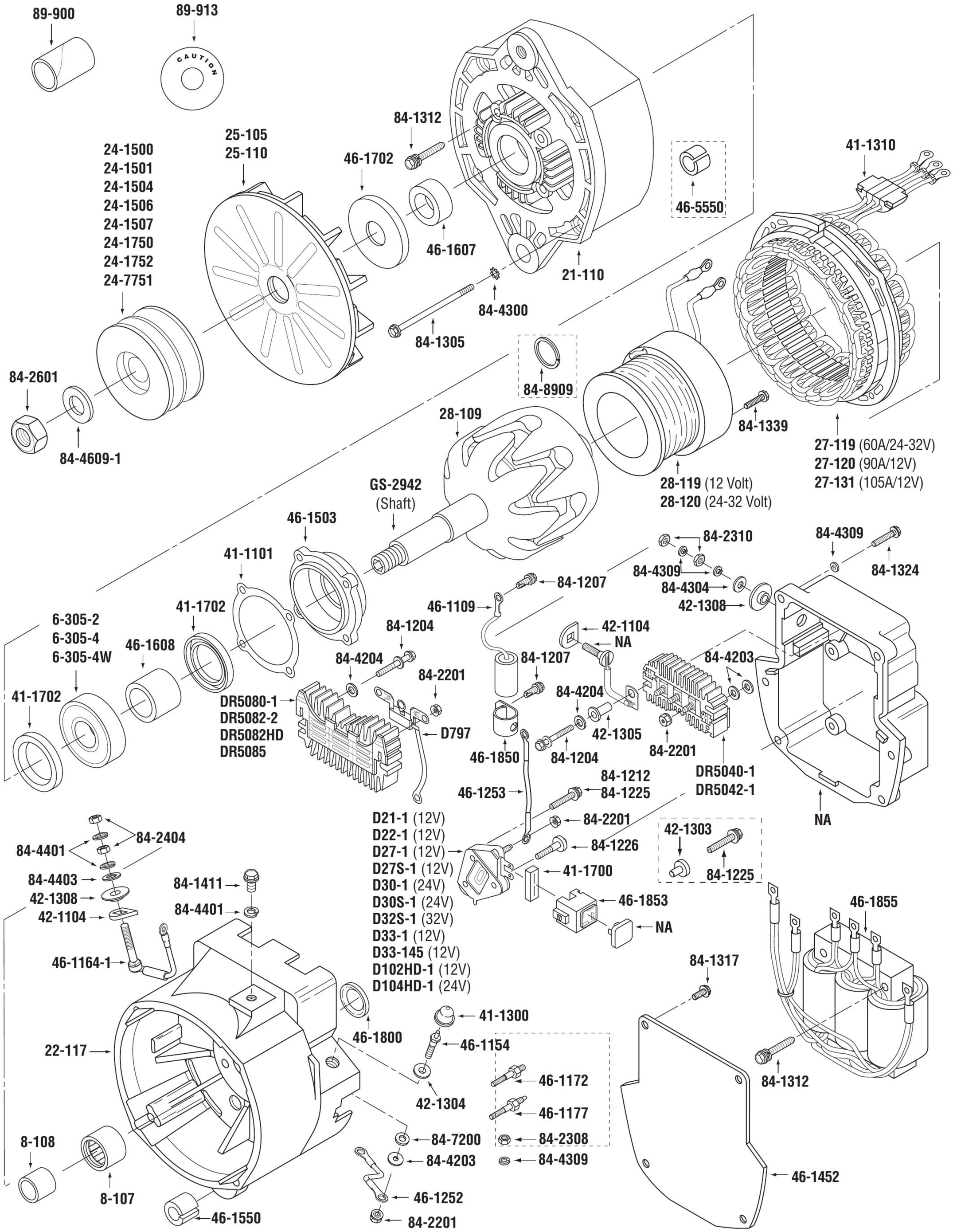
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49-1518 (24V)

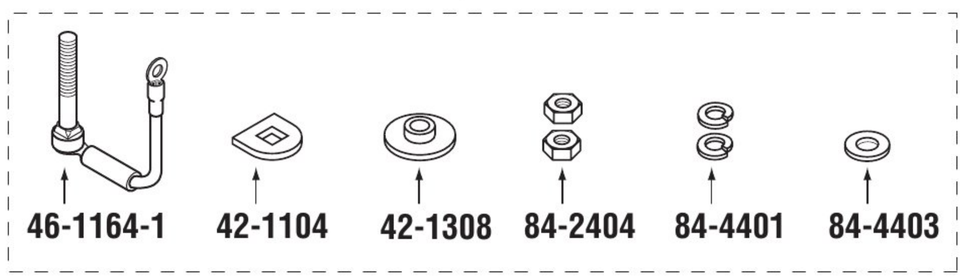


DELCO 30SI SERIES

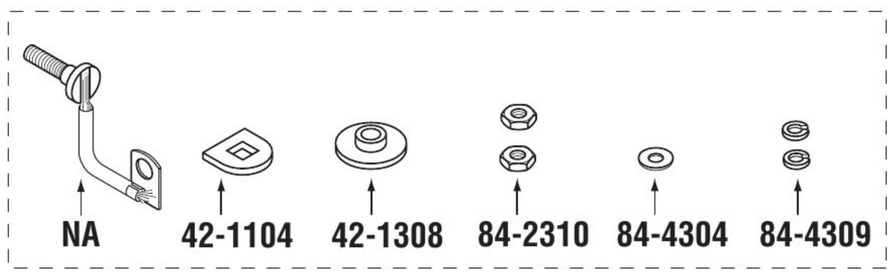


WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-107	OUTER RACE ROLLER BEARING
8-108	INNER RACE
21-110	D.E. FRAME
22-117	RECTIFIER END FRAME
24-1500	2-GROOVE PULLEY (79mm OD w/ Keyway)
24-1501	2-GROOVE PULLEY - Cummins No. 213326 (89mm OD w/ Keyway)
24-1504	2-GROOVE PULLEY (13mm Belts x 76mm OD w/ Keyway)
24-1506	3-GROOVE PULLEY - Mack No. 310GC276 (13mm Belts x 89mm OD w/ Keyway)
24-1507	2-GROOVE PULLEY (85mm OD)
24-1750	9-GROOVE PULLEY - Detroit Dsl. No. 5145471 (72mm OD w/ Keyway)
24-1752	8-GROOVE PULLEY (87mm OD)
24-7751	5-GROOVE PULLEY (78mm OD w/ Keyway)
25-105	FAN - Early Style (Stamped Steel)
25-110	FAN - Late Style (Cast Aluminum)
27-119	STATOR - 60A/24-32V
27-120	STATOR - 90A/12V
27-131	STATOR - 105A/12V
28-109	ROTOR
28-119	STATIONARY COIL - 12V
28-120	STATIONARY COIL - 24-32V
41-1101	GASKET - Brg. Retainer
41-1300	BOOT - Relay Term. (Rubber)
41-1310	GROMMET - Stator Leads
41-1700	SEAL - Regulator Terminals
41-1702	SEAL - D.E. Bearing
42-1104	INSULATOR - Batt. Term., TR Term.
42-1303	INSULATOR - Regulator Screw
42-1304	INSULATOR - Relay Term.
42-1305	INSULATOR - Rectifier Screw
42-1308	INSULATOR - Batt. Term., TR. Term.
46-1109	CAPACITOR
46-1154	RELAY TERMINAL (Pin Type Post)
46-1164-1	BATTERY TERMINAL (Stud & Connector)
46-1172	RELAY, I-TERMINAL (8-32 Int., 10-24 Ext.)
46-1177	RELAY TERMINAL (Universal Design)
46-1252	WIRE LEAD - Rect. to Relay Term.
46-1253	WIRE LEAD - Rect. to Reg.
46-1452	COVER PLATE
46-1503	BEARING RETAINER - D.E. Frame, Early Style used w/ 41-1702 Seal (Cast Iron)
46-1550	MOUNTING BUSHING - S.R.E. Frame
46-1607	SPACER - Fan (35mm OD x 13.7mm L)
46-1608	SPACER - Internal, Early Style (35mm OD x 28mm L)
46-1702	DEBRIS SHIELD - D.E. Frame
46-1800	BEARING COVER PLUG - S.R.E. Frame
46-1850	BRACKET - Capacitor
46-1853	VOLTAGE ADJUSTMENT BLOCK
46-1855	TRANSFORMER
46-5550	REPAIR BUSHING - D.E. Frame Mtg. Foot
48-133	TRANSFORMER RECTIFIER ASSEMBLY
49-1514	TERMINAL KIT - Battery
49-1515	TERMINAL KIT - Transformer Rectifier
84-1204	SCREW - Rectifier (8-32 x 1-5/16 L, Hex, Thd. Form.)
84-1207	SCREW - Capacitor (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1212	SCREW - Regulator (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1225	SCREW - Regulator (8-32 x 1 L, Hex, Thd. Form.)
84-1226	SCREW W/ INSULATOR - Regulator (8-32 x 31/32 L, Hex, w/ Att. Washer, Thd. Form.)
84-1305	THRU BOLT (10-24 x 3-5/8 L)
84-1312	SCREW - Brg. Retainer, Transformer (10-24 x 1-3/8 L, Hex, Thd. Form.)
84-1317	SCREW - Rectifier End Frame Cover (10-24 x 1/2 L, Hex, Thd. Form.)
84-1324	SCREW - Transformer Cover (10-24 x 1 L, Hex, Thd. Form.)
84-1339	SCREW - Stationary Coil (10-24 x 13/16 L, Hex)
84-1411	SCREW - Ground (1/4-20 x 5/16 L, Hex)
84-2201	HEX NUT - Regulator, Rectifier, Relay & I-Terminal (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2308	HEX NUT - Relay Term. (10-24 x 3/8 F x 1/8 T)
84-2310	HEX NUT - Transformer Terminal (10-32 x 3/8 F x 1/8 T)
84-2404	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 3/16 T, Brass)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4203	FLAT WASHER - Rectifier, Relay Term. (#8 ID)

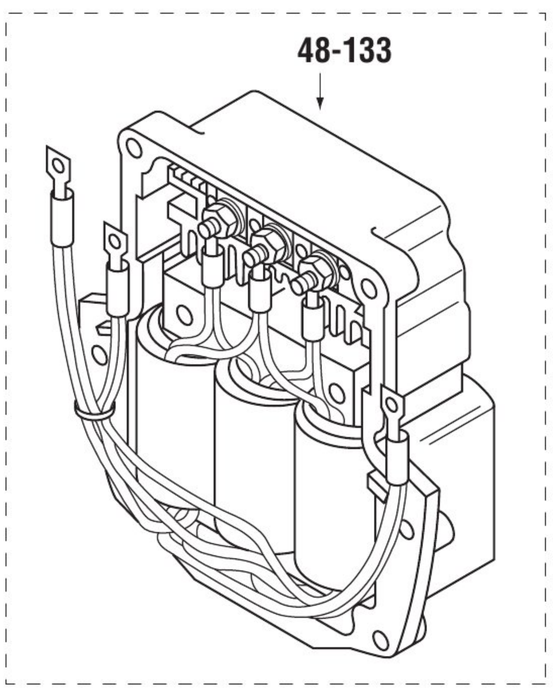
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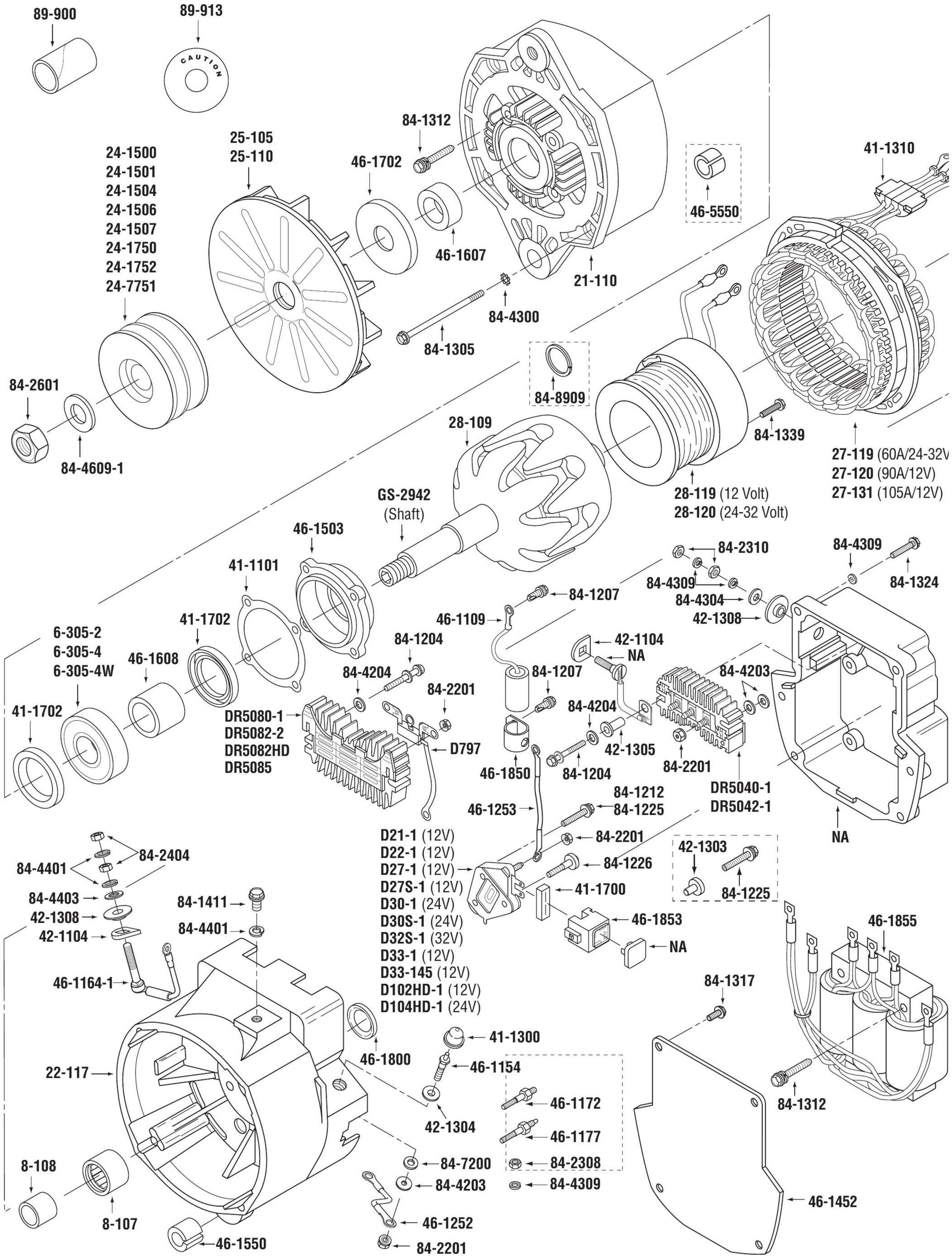
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48-133

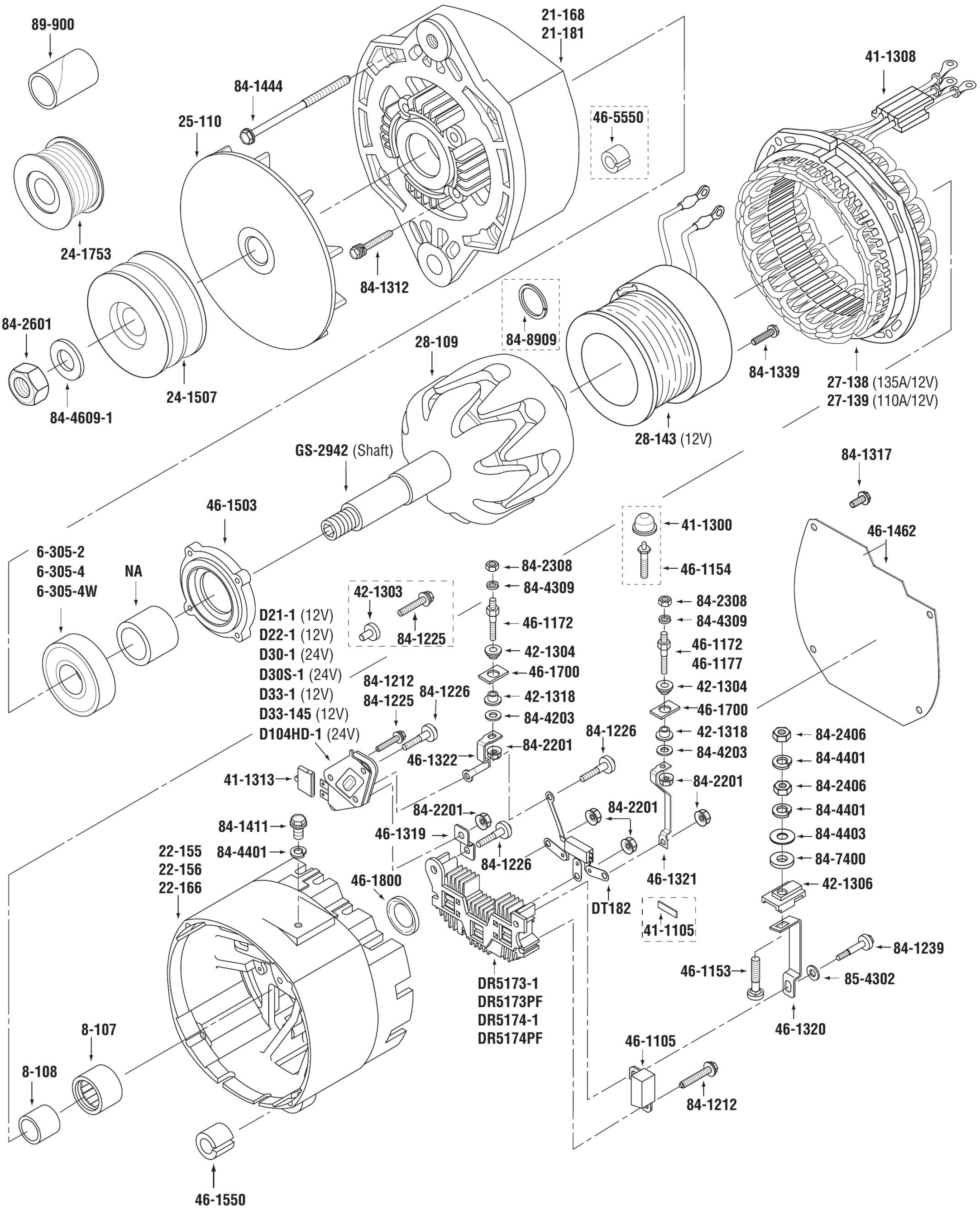


DELCO 30SI SERIES (cont'd.)



WAI No.	Description
84-4204	FLAT WASHER - Rectifier (#8 ID)
84-4300	LOCK WASHER - Thu Bolt (#10 ID, Ext. Tooth)
84-4304	FLAT WASHER - Transformer Terminal (#10 ID)
84-4309	LOCK WASHER - Relay Term.; TR Term. & Cover (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term., Grd. (1/4 ID, Split)
84-4403	FLAT WASHER - Batt. Term. (1/4 ID)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-7200	INSULATING WASHER - Relay Term. (#10 ID)
84-8909	RETAINING RING - Rotor (.935 ID x .075 T)
89-900	SPACER - Packaging (Cardboard)
89-913	CAUTION TAG (Cautions the installer to remove pulley nut with the unit in horizontal position only.)
D21-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D22-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset)
D27-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D27S-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, S-Series)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
D32S-1	REGULATOR - 32V (w/ Stud, Web Terminals, 37.5 Vset)
D33-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.1 Vset, Heavy Duty)
D33-145	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset, Heavy Duty)
D102HD-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, Heavy-Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
D797	DIODE TRIO
DR5040-1	RECTIFIER - Transformer Rectifier (25A Diodes)
DR5042-1	RECTIFIER - Transformer Rectifier (50A Diodes)
DR5080-1	RECTIFIER - Neg. Grd. Alts. (25A Diodes)
DR5082-2	RECTIFIER - Neg. Grd. Alts. (50A Diodes)
DR5082HD	RECTIFIER - Neg. Grd. Alts. (70A Diodes, Vibration Protected)
DR5085	RECTIFIER - Pos. Grd. Alts. (50A Diodes)
GS-2942	SHAFT - Rotor

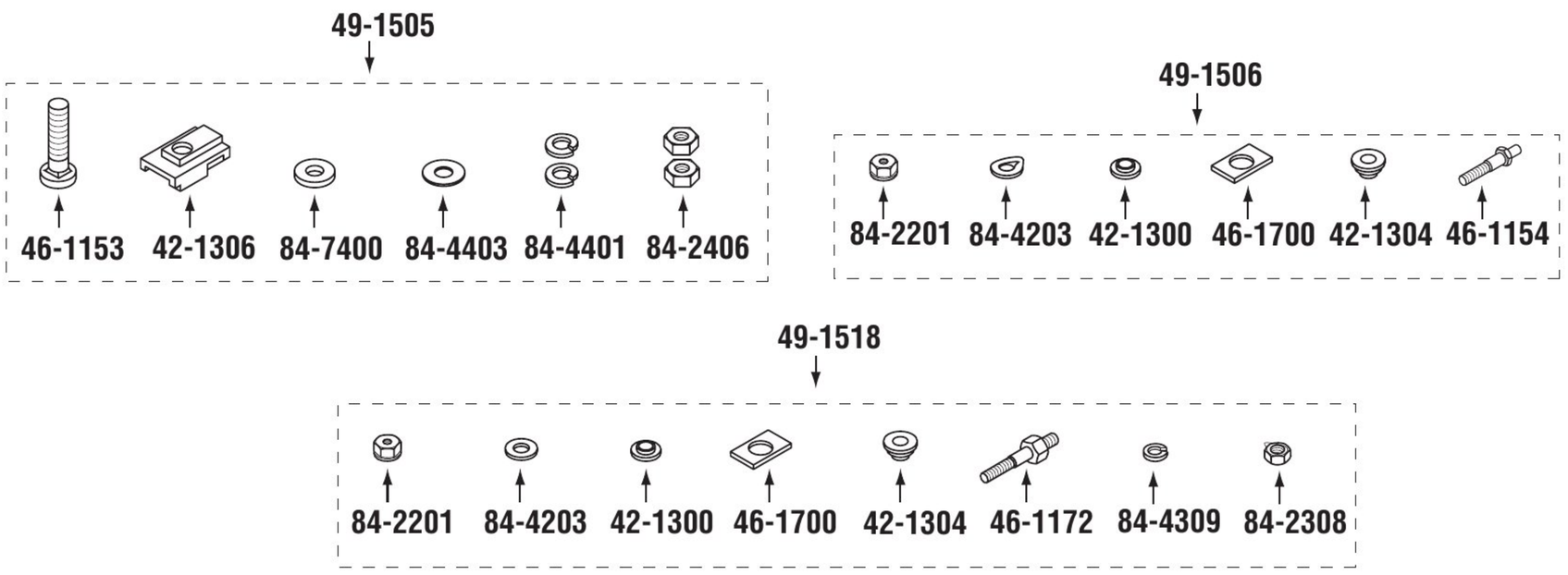
DELCO 33SI, 34SI SERIES



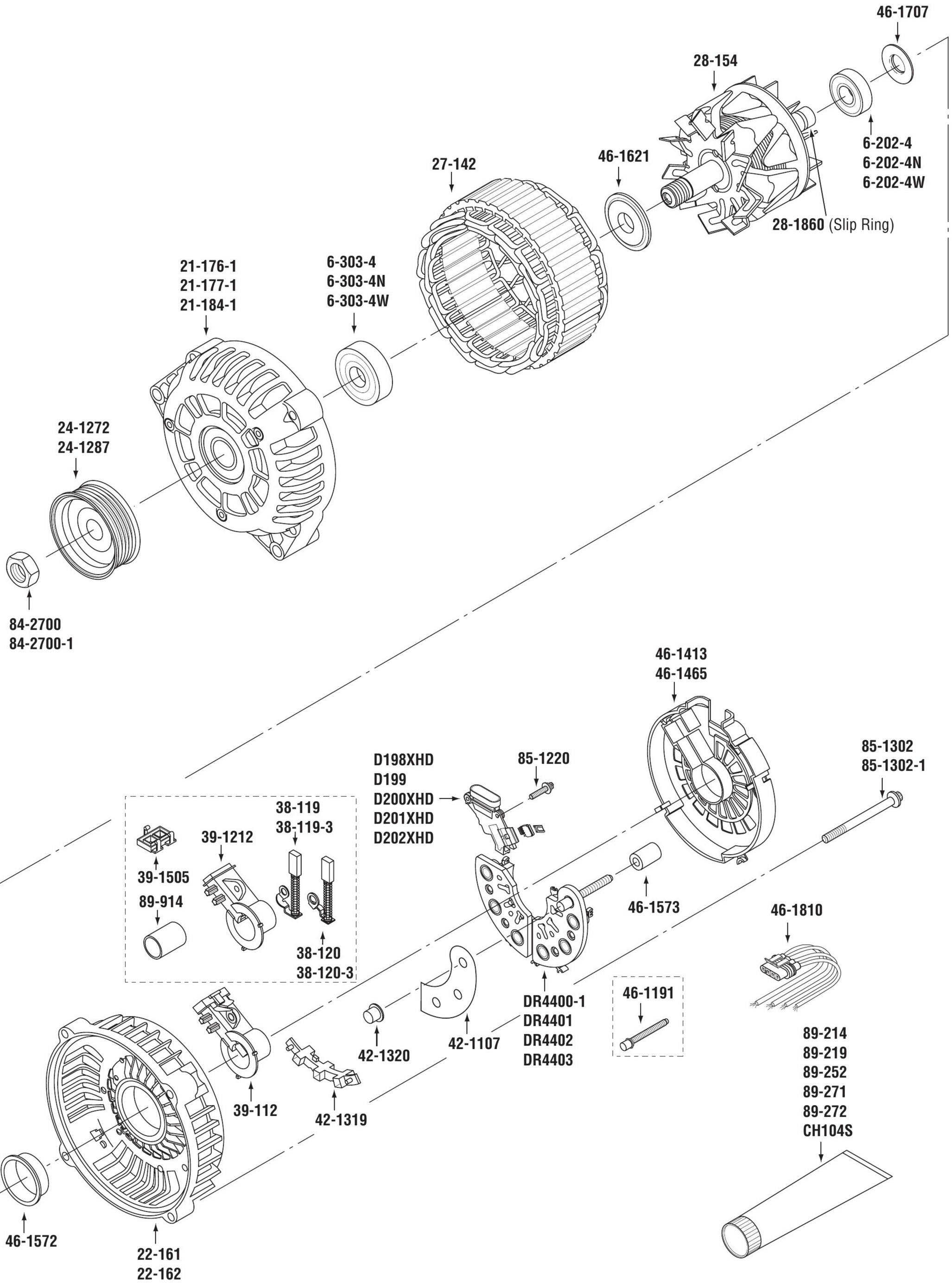
DELCO 33SI, 34SI SERIES

WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-107	OUTER RACE ROLLER BEARING
8-108	INNER RACE
21-168	D.E. FRAME (12:00, 1/2-13 Mtg. Ear)
21-181	D.E. FRAME - 34SI Series Alts. (Pad Mount)
22-155	RECTIFIER END FRAME - 33SI Series Alts.
22-156	RECTIFIER END FRAME - 34SI Series Alts.
22-166	RECTIFIER END FRAME - 34SI Series Alts. (Pad Mount)
24-1507	2-GROOVE PULLEY (85mm OD)
24-1753	8-GROOVE PULLEY (70mm OD)
25-110	FAN
27-138	STATOR - 135A/12V
27-139	STATOR - 110A/12V
28-109	ROTOR
28-143	STATIONARY COIL - 12V
41-1105	VIBRATION DAMPENER - Diode Trio
41-1300	BOOT - Relay Term. (Rubber)
41-1308	GROMMET - Stator Leads
41-1313	BOOT - Regulator Terminals
42-1300	INSULATOR - Relay Terminal
42-1303	INSULATOR - Regulator, Rectifier Screws
42-1304	INSULATOR - Relay, I-Terminal
42-1306	INSULATOR - Batt. Term.
42-1318	INSULATOR - Relay, I-Terminal
46-1105	CAPACITOR
46-1153	BATTERY TERMINAL (1/4-28 x 1-3/16)
46-1154	RELAY TERMINAL (Pin Type Post)
46-1172	RELAY, I-TERMINAL (8-32 Int., 10-24 Ext.)
46-1177	RELAY TERMINAL (Universal Design)
46-1319	CONNECTOR - Rectifier to Regulator
46-1320	CONNECTOR - Batt. Term.
46-1321	CONNECTOR - Relay Term.
46-1322	CONNECTOR - I-terminal
46-1462	COVER - Rectifier End Frame
46-1503	BEARING RETAINER - D.E. Frame (Cast Iron)
46-1550	MOUNTING BUSHING - Rectifier End Frame
46-1700	WASHER PLATE - Relay, I-Terminal
46-1800	BEARING COVER PLUG - S.R.E. Frame
46-5550	REPAIR BUSHING - D.E. Frame Mtg. Foot
49-1505	TERMINAL KIT - Battery
49-1506	TERMINAL KIT - Relay
49-1518	TERMINAL KIT - Relay
84-1212	SCREW - Regulator, Capacitor (8-32 x 1-1/8 L, Hex, w/ Att. Washer)

WAI No.	Description
84-1225	SCREW - Regulator (8-32 x 1 L, Hex, Thd. Form.)
84-1226	SCREW W/ INSULATOR - Regulator, Rectifier (8-32 x 31/32 L, Hex, w/ Att. Washer, Thd. Form.)
84-1239	SCREW W/ INSULATOR - B+ Connector, Rectifier (8-32 x 1-5/16 L, Hex, w/ Att. Washer, Thd. Form.)
84-1312	SCREW - Brg. Retainer (10-24 x 1-3/8 L, Hex, Thd. Form.)
84-1317	SCREW - Rectifier End Frame Cover (10-24 x 1/2 L, Hex, Thd. Form.)
84-1339	SCREW - Stationary Coil (10-24 x 13/16 L, Hex)
84-1411	SCREW - Ground (1/4-20 x 5/16 L, Hex)
84-1444	THRU BOLT (1/4-20 x 3-3/4 L)
84-2201	HEX NUT - Regulator, Rectifier, Relay & I-Terminal (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2308	HEX NUT - Relay, I-Terminal (10-24 x 3/8 F x 1/8 T)
84-2406	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 3/16 T)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4203	FLAT WASHER - Relay, I-Terms. (#8 ID)
84-4309	LOCK WASHER - Relay, I-Terminal (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term., Grd. (1/4 ID, Split)
84-4403	FLAT WASHER - Batt. Term. (1/4 ID)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-7400	INSULATING WASHER - Batt. Term. (1/4 ID)
84-8909	RETAINING RING - Rotor (.935 ID x .075 T)
85-4302	FLAT WASHER - B+ Connector, Rectifier (5mm ID)
89-900	SPACER - Packaging (Cardboard)
D21-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D22-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
D33-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.1 Vset, Heavy Duty)
D33-145	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset, Heavy Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
DR5173-1	RECTIFIER (Wide-Fin Heat Sink, 6-Non-Avalanche Diodes)
DR5173PF	RECTIFIER (Wide-Fin Heat Sink, 6-Press-Fit DNon-Avalanche iodes)
DR5174-1	RECTIFIER (Wide-Fin Heat Sink, 6-Avalanche Diodes)
DR5174PF	RECTIFIER (Wide-Fin Heat Sink, 6-Press-Fit Avalanche Diodes)
DT182	DIODE TRIO
GS-2942	SHAFT - Rotor

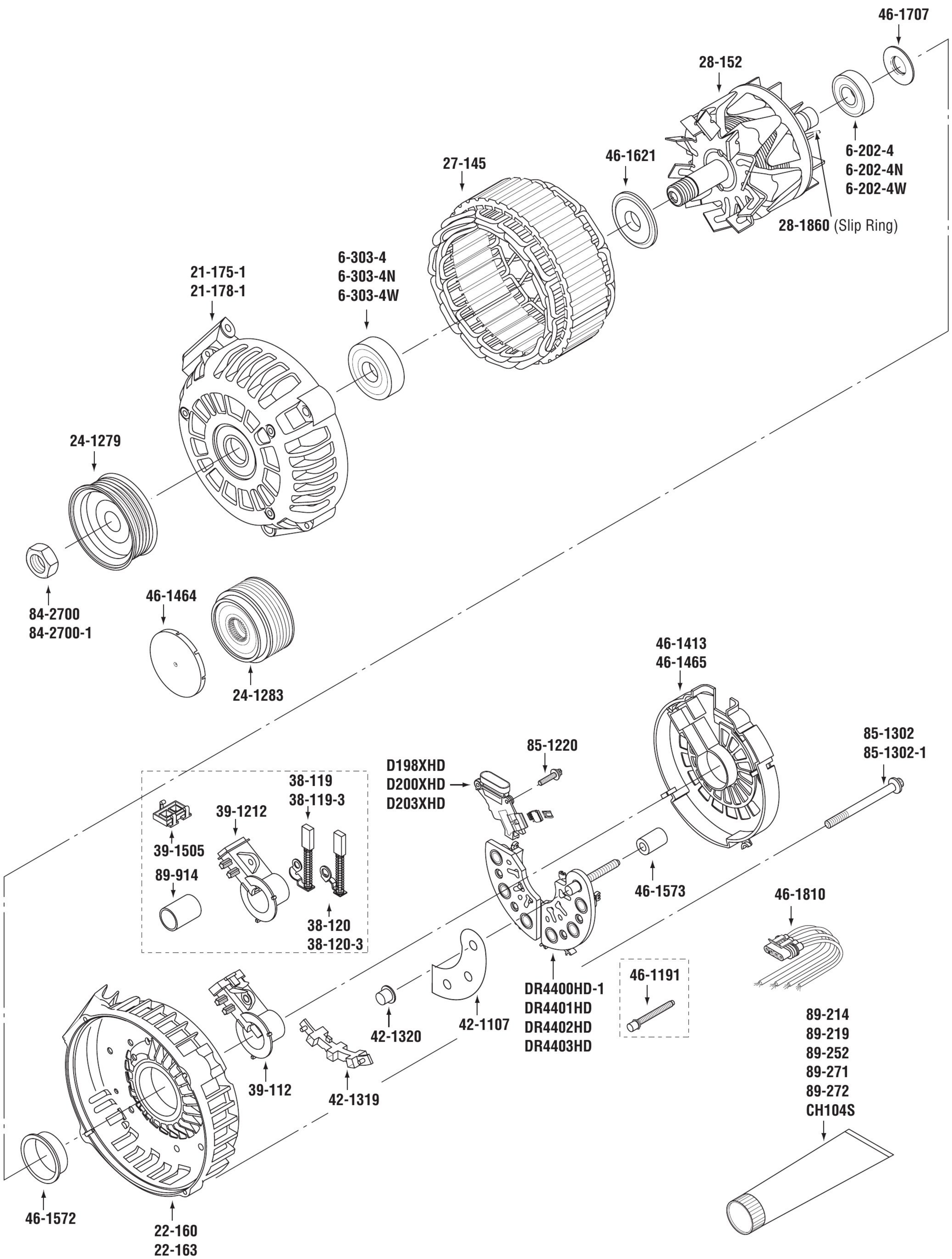


DELCO AD230 SERIES



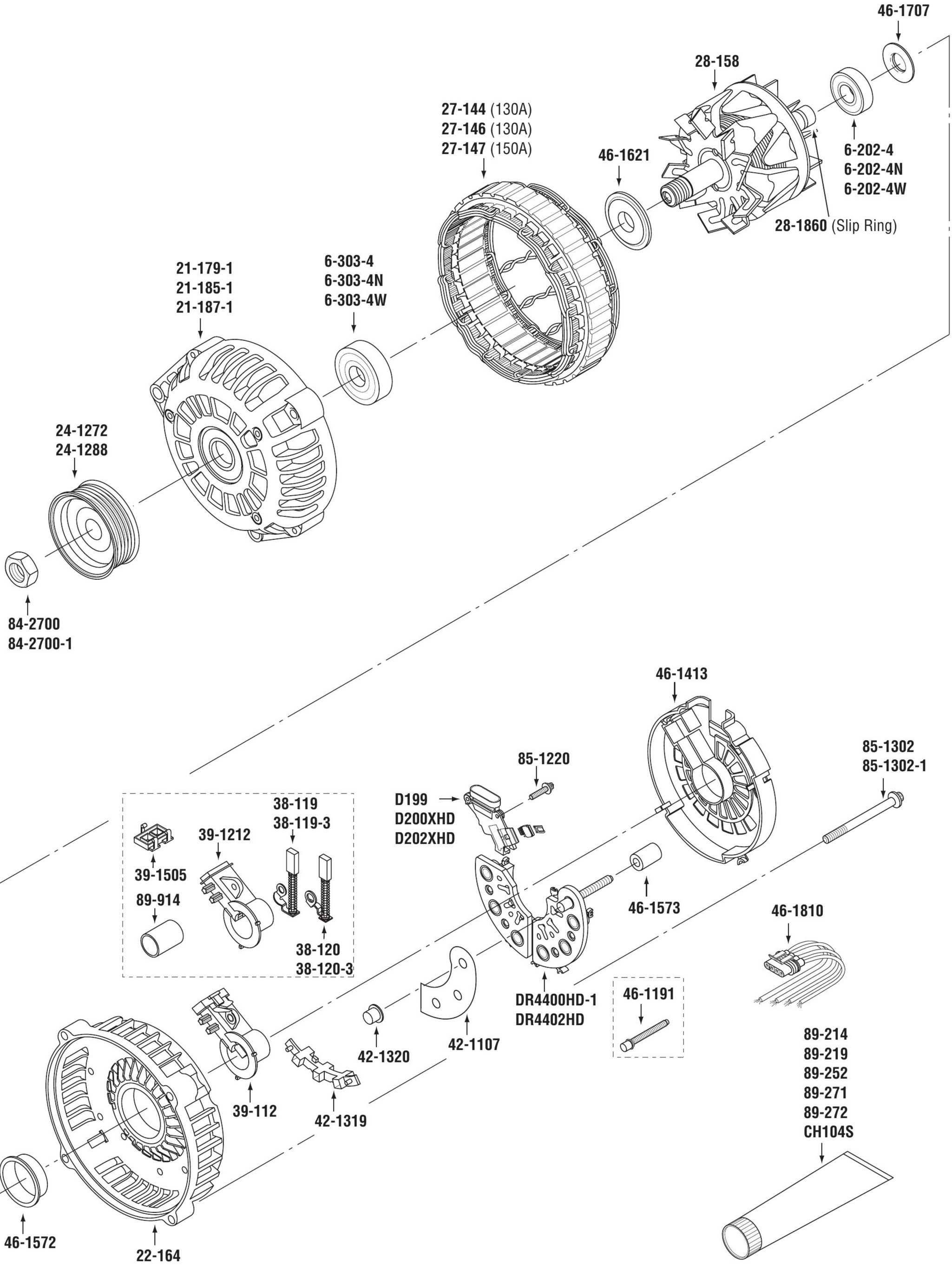
WAI No.	Description
6-202-4	BALL BEARING - S.R.E. (Dbl. Sealed)
6-202-4N	BALL BEARING - S.R.E. (Dbl. Sealed, NTN)
6-202-4W	BALL BEARING - S.R.E. (Dbl. Sealed, WBD)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
21-176-1	D.E. FRAME - Incl. 6-303-4 Brg. (9:45, 10mm Mtg. Ear)
21-177-1	D.E. FRAME - Incl. 6-303-4 Brg. (Side Mount)
21-184-1	D.E. FRAME - Incl. 6-303-4 Brg. (1:45, 10mm Mtg. Ear)
22-161	S.R.E. FRAME
22-162	S.R.E. FRAME (Side Mount)
24-1272	6-GROOVE PULLEY (57mm OD)
24-1287	7-GROOVE PULLEY (62mm OD)
27-142	STATOR - 105A (27mm T Lamination)
28-154	ROTOR - 105A
28-1860	SLIP RING - Rotor
38-119	BRUSH - Grd.
38-119-3	BRUSH - Grd.
38-120	BRUSH - Fld.
38-120-3	BRUSH - Fld.
39-112	BRUSH HOLDER ASSY.
39-1212	BRUSH HOLDER
39-1505	CAP - Brush Holder
42-1107	INSULATOR - Rectifier
42-1319	INSULATOR - Stator Leads
42-1320	INSULATOR - Battery Terminal
46-1191	BATTERY TERMINAL (M6 x 1.0 Ext.)
46-1413	COVER - S.R.E. Frame (wo/ Raised Center)
46-1465	COVER - S.R.E. Frame (w/ Raised Center)
46-1572	TOLERANCE RING - S.R.E. Bearing
46-1573	SPACER - Battery Terminal (6mm ID x 13mm OD x 25mm L)
46-1621	SPACER - Rotor (40.1mm OD x 6.1mm L)
46-1707	COVER - S.R.E. Bearing
46-1810	REPAIR HARNESS - Regulator
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
85-1220	SCREW - Rectifier, Regulator (M4 x 0.7 x 16.7mm L, E5 Torx, Thd. Form.)
85-1302	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form.)
85-1302-1	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form., Wax Coated Thds.)
89-214	SLEEVE RETAINING COMPOUND (24 ml)
89-219	SLEEVE RETAINING COMPOUND (250 ml)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-914	BRUSH RETAINER - Brush Holder
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D198XHD	REGULATOR (P-L-F-S Terms, 15.1 Vset, 10 sec. LRC, ASVR)
D199	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC)
D200XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D201XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D202XHD	REGULATOR (P-L-F-S Terms, 14.2 Vset, 2.5 sec. LRC, ASVR)
DR4400-1	RECTIFIER (M6 Batt. Term.)
DR4401	RECTIFIER (M8 Batt. Term.)
DR4402	RECTIFIER (M6 Batt. Term.)
DR4403	RECTIFIER (M8 Batt. Term.)

DELCO AD237 SERIES



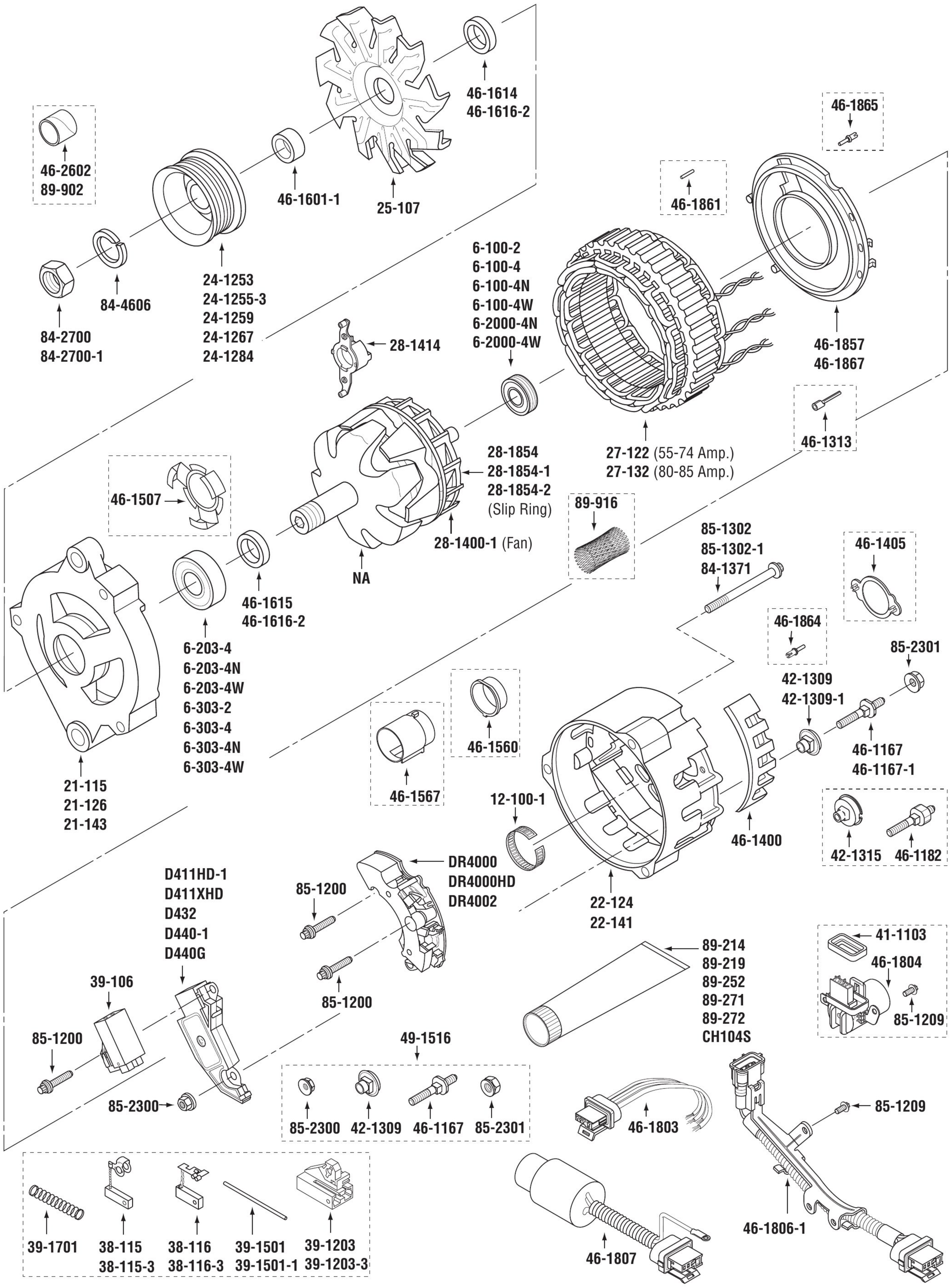
WAI No.	Description
6-202-4	BALL BEARING - S.R.E. (Dbl. Sealed)
6-202-4N	BALL BEARING - S.R.E. (Dbl. Sealed, NTN)
6-202-4W	BALL BEARING - S.R.E. (Dbl. Sealed, WBD)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
21-175-1	D.E. FRAME - Incl. 6-303-4 Brg., used w/ 22-160 S.R.E. Frame (Side Mount)
21-178-1	D.E. FRAME - Incl. 6-303-4 Brg., used w/ 22-163 S.R.E. Frame (Side Mount)
22-160	S.R.E. FRAME - Used w/ 21-175 D.E. Frame
22-163	S.R.E. FRAME - Used w/ 21-178 D.E. Frame
24-1279	6-GROOVE PULLEY (62mm OD)
24-1283	6-GROOVE PULLEY (57mm OD, w/ Overrunning Clutch)
27-145	STATOR - 125A
28-152	ROTOR
28-1860	SLIP RING - Rotor
38-119	BRUSH - Grd.
38-119-3	BRUSH - Grd.
38-120	BRUSH - Fld.
38-120-3	BRUSH - Fld.
39-112	BRUSH HOLDER ASSY.
39-1212	BRUSH HOLDER
39-1505	CAP - Brush Holder
42-1107	INSULATOR - Rectifier
42-1319	INSULATOR - Stator Leads
42-1320	INSULATOR - Battery Terminal
46-1191	BATTERY TERMINAL (M6 x 1.0 Ext.)
46-1413	COVER - S.R.E. Frame (wo/ Raised Center)
46-1464	COVER - Pulley
46-1465	COVER - S.R.E. Frame (w/ Raised Center)
46-1572	TOLERANCE RING - S.R.E. Bearing
46-1573	SPACER - Battery Terminal (6mm ID x 13mm OD x 25mm L)
46-1621	SPACER - Rotor (40.1mm OD x 6.1mm L)
46-1707	COVER - S.R.E. Bearing
46-1810	REPAIR HARNESS - Regulator
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
85-1220	SCREW - Rectifier, Regulator (M4 x 0.7 x 16.7mm L, E5 Torx, Thd. Form.)
85-1302	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form.)
85-1302-1	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form., Wax Coated Thds.)
89-214	SLEEVE RETAINING COMPOUND (24 ml)
89-219	SLEEVE RETAINING COMPOUND (250 ml)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-914	BRUSH RETAINER - Brush Holder
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D198XHD	REGULATOR (P-L-F-S Terms, 15.1 Vset, 10 sec. LRC, ASVR)
D200XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D203XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 10 sec. LRC, ASVR)
DR4400HD-1	RECTIFIER (M6 Batt. Term., Heavy-Duty)
DR4401HD	RECTIFIER (M8 Batt. Term., Heavy-Duty)
DR4402HD	RECTIFIER (M6 Batt. Term., Heavy-Duty)
DR4403HD	RECTIFIER (M8 Batt. Term., Heavy-Duty)

for Delco AD244 Series Alternators



WAI No.	Description
6-202-4	BALL BEARING - S.R.E. (Dbl. Sealed)
6-202-4N	BALL BEARING - S.R.E. (Dbl. Sealed, NTN)
6-202-4W	BALL BEARING - S.R.E. (Dbl. Sealed, WBD)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
21-179-1	D.E. FRAME - Incl. 6-303-4 Brg. (9:30, 10mm Mtg. Ear, 4mm Stator Bore Depth)
21-185-1	D.E. FRAME - Incl. 6-303-4 Brg. (9:30, 10mm Mtg. Ear, 6mm Stator Bore Depth)
21-187-1	D.E. FRAME - Incl. 6-303-4 Brg. (Side Mount)
22-164	S.R.E. FRAME (4mm Stator Bore Depth)
22-168	S.R.E. FRAME (6mm Stator Bore Depth)
22-170	S.R.E. FRAME (6mm Stator Bore Depth)
24-1272	6-GROOVE PULLEY (57mm OD)
24-1288	7-GROOVE PULLEY (57mm OD)
27-144	STATOR - 130A (28mm T Lamination, 2-Leads/Phase)
27-146	STATOR - 130A (31.5mm T Lamination, 2-Leads/Phase)
27-147	STATOR - 150A (31.5mm T Lamination, 4-Leads/Phase)
28-158	ROTOR - 130-150A
28-1860	SLIP RING - Rotor
38-119	BRUSH - Grd.
38-119-3	BRUSH - Grd.
38-120	BRUSH - Fld.
38-120-3	BRUSH - Fld.
39-112	BRUSH HOLDER ASSY.
39-1212	BRUSH HOLDER
39-1505	CAP - Brush Holder
42-1107	INSULATOR - Rectifier
42-1319	INSULATOR - Stator Leads
42-1320	INSULATOR - Battery Terminal
46-1191	BATTERY TERMINAL (M6 x 1.0 Ext.)
46-1413	COVER - S.R.E. Frame (wo/ Raised Center)
46-1572	TOLERANCE RING - S.R.E. Bearing
46-1573	SPACER - Battery Terminal (6mm ID x 13mm OD x 25mm L)
46-1621	SPACER - Rotor (40.1mm OD x 6.1mm L)
46-1707	COVER - S.R.E. Bearing
46-1810	REPAIR HARNESS - Regulator
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
85-1220	SCREW - Rectifier, Regulator (M4 x 0.7 x 16.7mm L, E5 Torx, Thd. Form.)
85-1302	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form.)
85-1302-1	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form., Wax Coated Thds.)
89-214	SLEEVE RETAINING COMPOUND (24 ml)
89-219	SLEEVE RETAINING COMPOUND (250 ml)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-914	BRUSH RETAINER - Brush Holder
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D199	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC)
D200XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D202XHD	REGULATOR (P-L-F-S Terms, 14.2 Vset, 2.5 sec. LRC, ASVR)
DR4400HD-1	RECTIFIER (M6 Batt. Term., Heavy-Duty)
DR4402HD	RECTIFIER (M6 Batt. Term., Heavy-Duty)

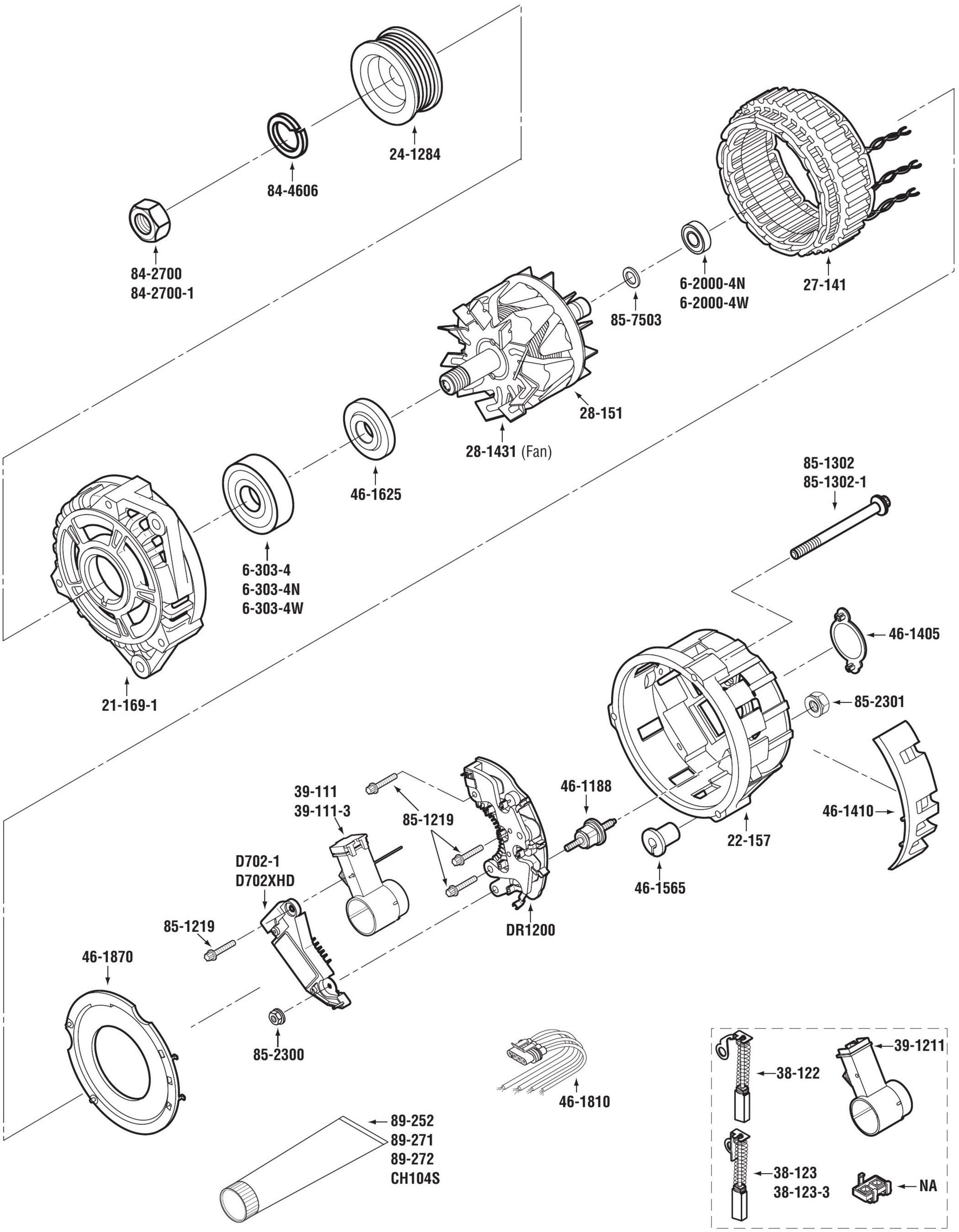
DELCO CS121 SERIES



WAI No.	Description
6-100-2	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Shielded)
6-100-4	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Sealed)
6-100-4N	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Sealed, NTN Hi-Temp.)
6-100-4W	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Sealed, WBD)
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
6-303-2	BALL BEARING - D.E. (Dbl. Shielded)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
6-2000-4N	BALL BEARING - S.R.E., Ref# 62000 (Dbl. Sealed, NTN Hi-Temp.)
6-2000-4W	BALL BEARING - S.R.E., Ref# 62000 (Dbl. Sealed, WBD)
12-100-1	TOLERANCE RING - S.R.E. Bearing (Metal)
21-115	D.E. FRAME (3-Mtg. Ears)
21-126	D.E. FRAME (2:00, 8mm Mtg. Ear)
21-143	D.E. FRAME (2:00, M8 x 1.25 Mtg. Ear)
22-124	S.R.E. FRAME (8mm Mtg. Foot)
22-141	S.R.E. FRAME - Used w/ 46-1560 Plastic Tolerance Ring
24-1253	4-GROOVE PULLEY (52mm OD)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)
24-1259	5-GROOVE PULLEY - 9mm Hub to 1st Groove (62mm OD)
24-1267	5-GROOVE PULLEY (55mm OD)
24-1284	5-GROOVE PULLEY (64mm OD)
25-107	FAN
27-122	STATOR - 55-74A
27-132	STATOR - 80-85A
28-1400-1	FAN - Rotor
28-1414	INSULATOR - Rotor
28-1854	SLIP RING - Rotor
28-1854-1	SLIP RING - Rotor (Slotted Leads)
28-1854-2	SLIP RING - Rotor (Channeled Leads for Welding)
38-115	BRUSH - Grd., Ref# R-132
38-115-3	BRUSH - Grd., Ref# R-132
38-116	BRUSH - Fld., Ref# R-133
38-116-3	BRUSH - Fld., Ref# R-133
39-106	BRUSH HOLDER ASSY.
39-1203	BRUSH HOLDER
39-1203-3	BRUSH HOLDER
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1701	BRUSH SPRING - Brush
41-1103	GASKET - Regulator Plug, used w/ 46-1804 3-Terminal Adapter Plug
42-1309	INSULATOR - Batt. Term., used w/ 46-1167 Batt. Term. (OE Design)
42-1309-1	INSULATOR - Batt. Term., used w/ 46-1167-1 Batt. Term. (Heavy Duty)
42-1315	INSULATOR - Batt. Term., used w/ 46-1182 Batt. Term.
46-1167	BATTERY TERMINAL - Used w/ 42-1309 Insulator (Round, OE Design)
46-1167-1	BATTERY TERMINAL - Used w/ 42-1309-1 Insulator (Round, Heavy Duty)
46-1182	BATTERY TERMINAL - Used w/ 42-1315 Insulator
46-1313	REPAIR CONNECTOR - Stator Lead
46-1400	COVER - S.R.E. Frame
46-1405	COVER - S.R.E. Bearing
46-1507	BEARING RETAINER - D.E. Frame (Snap Spring Style)

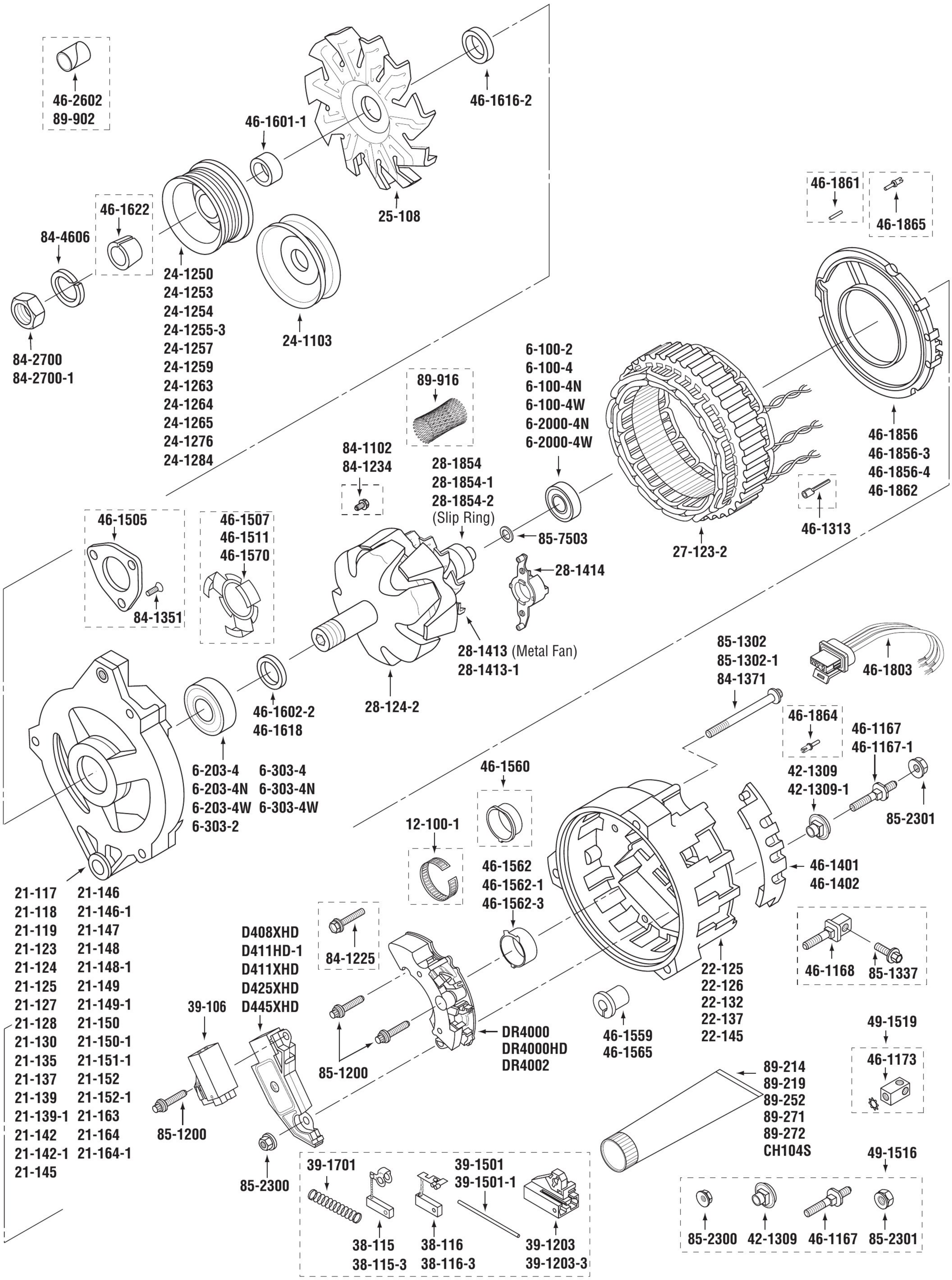
WAI No.	Description
46-1560	TOLERANCE RING - S.R.E. Brg. (Plastic, 11.5mm L)
46-1567	TOLERANCE RING - S.R.E. Brg. (Plastic, 35mm L)
46-1601-1	SPACER - Pulley (25.5mm OD x 10mm L)
46-1614	SPACER - Fan (33mm OD x 5mm L)
46-1615	SPACER - Rotor used w/ 6303 Brg. (36mm OD x 3mm L)
46-1616-2	SPACER - Fan & Rotor used w/ 6203 Brg. (25.5mm OD x 5.25mm L)
46-1803	REPAIR HARNESS - Regulator
46-1804	PLUG ADAPTER - Regulator, 10479805 Alt. (3-Terminal Round Plug)
46-1806-1	PLUG ADAPTER - Regulator, 10480095, 096 Alts. (3-Terminal Oval Plug)
46-1807	PLUG ADAPTER - Regulator, 1101584, 639 Alts. (2-Terminal Round Plug)
46-1857	BAFFLE - Internal
46-1861	PIN - Baffle, Cover
46-1864	REPAIR PIN - S.R.E. Cover
46-1865	REPAIR PIN - Baffle
46-1867	BAFFLE - Internal
46-2602	SPACER - Packaging (Metal)
49-1516	TERMINAL KIT - Battery (Round Term.)
84-1371	THRU-BOLT - Oversized Thread for Stripped End Frames (12-24 x 2-5/8 L)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
85-1200	SCREW - BH, Rectifier (M4 x 0.7 x 21mm L, E5 Torx, Thd. Form., w/ Att. Washer)
85-1209	SCREW - Plug Adapter (M4 x 0.7 x 8mm L, Phillips)
85-1302	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form.)
85-1302-1	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form., Wax Coated Thds.)
85-2300	HEX NUT - Batt. Term. (M5 x 0.8 x 8mm F x 4.5mm T, w/ Att. Washer)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
89-214	SLEEVE RETAINING COMPOUND (24 ml)
89-219	SLEEVE RETAINING COMPOUND (250 ml)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-902	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D411HD-1	REGULATOR (P-L-I-S Terms, 14.7 Vset, 2.5 sec. LRC, Heavy-Duty)
D411XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D432	REGULATOR (w/ 1-Spade Terminal)
D440-1	REGULATOR - Geo, Toyota, wo/ 46-1804 Connector (P-L-I-S Terminals, 14.7 Vset, 2.5 sec. LRC)
D440G	REGULATOR - Geo, Toyota, w/ 46-1804 Connector (P-L-I-S Terminals, 14.7 Vset, 2.5 sec. LRC)
DR4000	RECTIFIER (40A Press-Fit Avalanche Diodes)
DR4000HD	RECTIFIER - Heavy Duty (50A Press-Fit Avalanche Diodes)
DR4002	RECTIFIER (40A Press-Fit Avalanche Diodes)

DELCO CS121D SERIES



WAI No.	Description
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
6-2000-4N	BALL BEARING - S.R.E., Ref# 62000 (Dbl. Sealed, NTN Hi-Temp.)
6-2000-4W	BALL BEARING - S.R.E., Ref# 62000 (Dbl. Sealed, WBD)
21-169-1	D.E. FRAME - Incl. 6-303-4 Brg.
22-157	S.R.E. FRAME
24-1284	5-GROOVE PULLEY (64mm OD)
27-141	STATOR - 90A
28-151	ROTOR - 90A
28-1431	FAN - Rotor, D.E.
38-122	BRUSH - Grd.
38-123	BRUSH - Fld
38-123-3	BRUSH - Fld
39-111	BRUSH HOLDER ASSY.
39-111-3	BRUSH HOLDER ASSY.
39-1211	BRUSH HOLDER
46-1188	BATTERY TERMINAL (M5 x 0.8 Int., M6 x 1.0 Ext.)
46-1405	COVER - S.R.E. Bearing
46-1410	COVER - S.R.E. Frame
46-1625	SPACER - Rotor
46-1810	REPAIR HARNESS - Regulator
46-1870	BAFFLE - Internal
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
85-1219	SCREW - Brush Holder, Rectifier (M4 x 0.7 x 25.5mm L, E5 Torx)
85-1302	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form.)
85-1302-1	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form., Wax Coated Thds.)
85-2300	HEX NUT - Batt. Term. (M5 x 0.8 x 8mm F x 4.5mm T, w/ Att. Washer)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-7503	INSULATING WASHER - Prevents S.R.E. Brg. from grounding out Slip Ring (10mm ID)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D702-1	REGULATOR (P-L-I-S Terms, 14.7 Vset, 2.5 sec. LRC)
D702XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
DR1200	RECTIFIER (40A Press-Fit Avalanche Diodes)

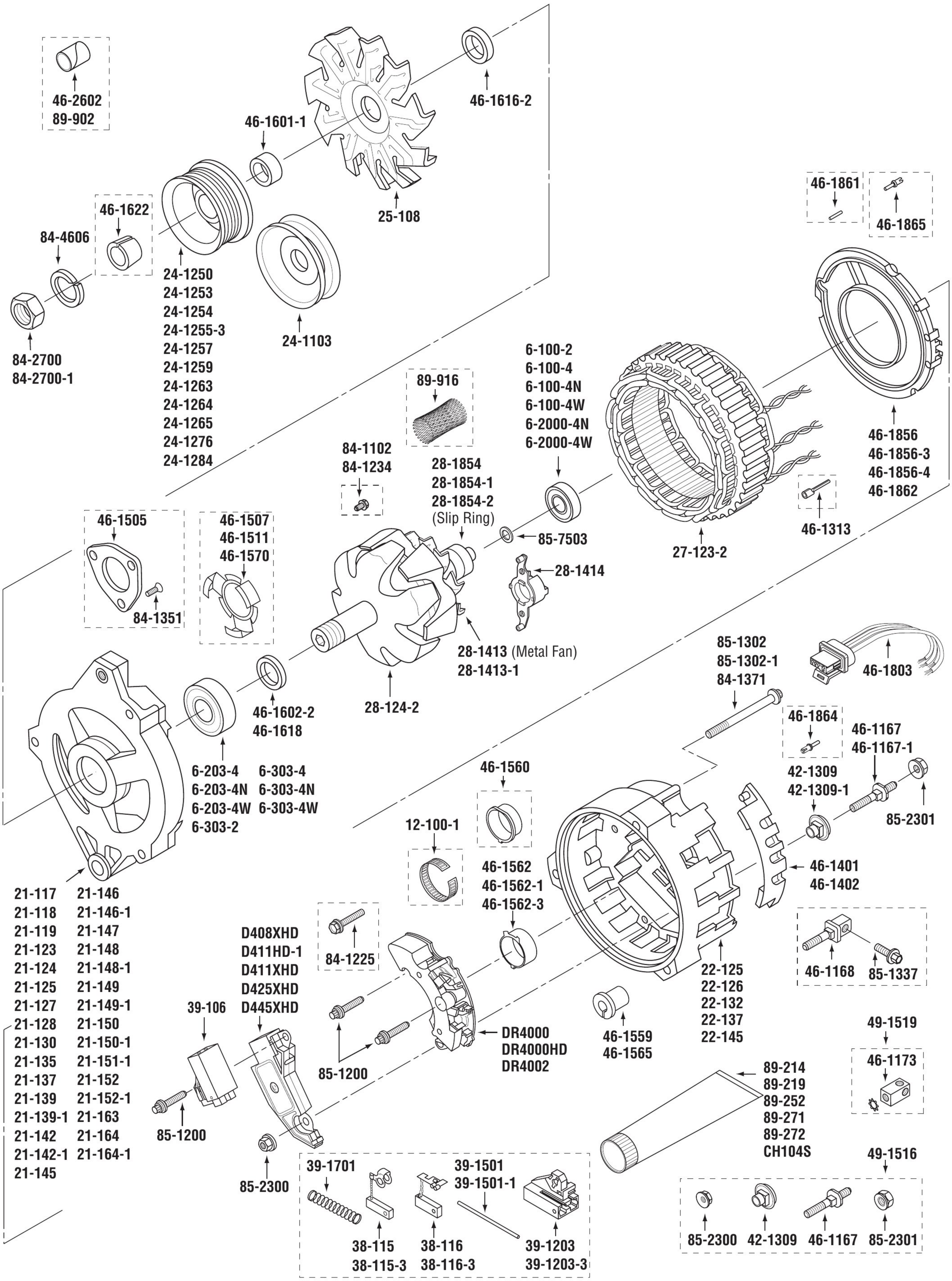
DELCO CS130 SERIES



WAI No.	Description
6-100-2	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Shielded)
6-100-4	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Sealed)
6-100-4N	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Sealed, NTN Hi-Temp.)
6-100-4W	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Sealed, WBD)
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
6-303-2	BALL BEARING - D.E. (Dbl. Shielded)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
6-2000-4N	BALL BEARING - S.R.E., Ref# 62000 (Dbl. Sealed, NTN Hi-Temp.)
6-2000-4W	BALL BEARING - S.R.E., Ref# 62000 (Dbl. Sealed, WBD)
12-100-1	TOLERANCE RING - S.R.E. Bearing (Metal)
21-117	D.E. FRAME - Used w/ 6203 Brg. (12:00, 8mm Mtg. Ear)
21-118	D.E. FRAME - Used w/ 6203 Brg. (12:00, M8 x 1.25 Mtg. Ear)
21-119	D.E. FRAME - Used w/ 6203 Brg. (12:00, M8 x 1.25 Mtg. Ear)
21-123	D.E. FRAME - Used w/ 6203 Brg. (10:00, M8 x 1.25 Mtg. Ear)
21-124	D.E. FRAME - Used w/ 6203 Brg. (2:00, M8 x 1.25 Mtg. Ear)
21-125	D.E. FRAME - Used w/ 6203 Brg. (3-Mtg. Ears)
21-127	D.E. FRAME - Used w/ 6203 Brg. (2:00, 8mm Mtg. Ear)
21-128	D.E. FRAME - Used w/ 6203 Brg. (12:00, 10mm Mtg. Ear)
21-130	D.E. FRAME - Used w/ 6203 Brg. (10:00, 8mm Mtg. Ear)
21-135	D.E. FRAME - Used w/ 6203 Brg. (12:00, M10 x 1.5 Mtg. Ear)
21-137	D.E. FRAME - Used w/ 6203 Brg. (12:00, 8mm Mtg. Ear)
21-139	D.E. FRAME - Used w/ 6303 Brg. (12:00, 10mm Mtg. Ear)
21-139-1	D.E. FRAME - Incl. 6-303-4 Brg. (12:00, 10mm Mtg. Ear)
21-142	D.E. FRAME - Used w/ 6303 Brg. (10:00, 8mm Mtg. Ear)
21-142-1	D.E. FRAME - Incl. 6-303-4 Brg. (10:00, 8mm Mtg. Ear)
21-145	D.E. FRAME - Used w/ 6303 Brg. (10:00, M8 x 1.25 Mtg. Ear)
21-146	D.E. FRAME - Used w/ 6303 Brg. (2:00, M8 x 1.25 Mtg. Ear)
21-146-1	D.E. FRAME - Incl. 6-303-4 Brg. (2:00, M8 x 1.25 Mtg. Ear)
21-147	D.E. FRAME - Used w/ 6303 Brg. (12:00, M8 x 1.25 Mtg. Ear)
21-148	D.E. FRAME - Used w/ 6303 Brg. (10:00, 10mm Mtg. Ear)
21-148-1	D.E. FRAME - Incl. 6-303-4 Brg. (10:00, 10mm Mtg. Ear)
21-149	D.E. FRAME - Used w/ 6303 Brg. (12:00, M8 x 1.25 Mtg. Ear)
21-149-1	D.E. FRAME - Incl. 6-303-4 Brg. (12:00, M8 x 1.25 Mtg. Ear)
21-150	D.E. FRAME - Used w/ 6303 Brg. (12:00, M10 x 1.5 Mtg. Ear)
21-150-1	D.E. FRAME - Incl. 6-303-4 Brg. (12:00, M10 x 1.5 Mtg. Ear)

WAI No.	Description
21-151-1	D.E. FRAME - Incl. 6-303-4 Brg. (10:00, 8mm Mtg. Ear)
21-152	D.E. FRAME - Used w/ 6303 Brg. (10:00, 8mm Mtg. Ear)
21-152-1	D.E. FRAME - Incl. 6-303-4 Brg. (10:00, 8mm Mtg. Ear)
21-163	D.E. FRAME - Used w/ 6303 Brg. (12:00, M8 x 1.25 Mtg. Ear)
21-164	D.E. FRAME - Used w/ 6303 Brg. (3-Mtg. Ears)
21-164-1	D.E. FRAME - Incl. 6-303-4 Brg. (3-Mtg. Ears)
22-125	S.R.E. FRAME (10mm Mtg. Foot)
22-126	S.R.E. FRAME - Used w/ 46-1560 or 46-1562 Plastic Tolerance Ring
22-132	S.R.E. FRAME (w/ Tab for Air Duct)
22-137	S.R.E. FRAME (8mm Mtg. Foot)
22-145	S.R.E. FRAME (10mm Mtg. Foot)
24-1103	1-GROOVE PULLEY - Used w/ 46-1601-1 Spacer (10mm Belt x 66mm OD)
24-1250	6-GROOVE PULLEY (62mm OD)
24-1253	4-GROOVE PULLEY (52mm OD)
24-1254	5-GROOVE PULLEY - 9mm Hub to 1st Groove (56mm OD)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)
24-1257	5-GROOVE PULLEY - 10.5mm Hub to 1st Groove (54mm OD)
24-1259	5-GROOVE PULLEY - 9mm Hub to 1st Groove (62mm OD)
24-1263	6-GROOVE PULLEY (52mm OD)
24-1264	4-GROOVE PULLEY (57mm OD)
24-1265	5-GROOVE PULLEY - 12mm Hub to 1st Groove (62mm OD)
24-1276	8-GROOVE PULLEY - Used w/ 46-1622 Taper Collar (62mm OD)
24-1284	5-GROOVE PULLEY - 9.5mm Hub to 1st Groove (64mm OD)
25-108	FAN
27-123-2	STATOR - 85-105A
28-124-2	ROTOR - 85-105A
28-1413	FAN - Rotor, used w/ 28-1414 Insulator (Metal)
28-1413-1	FAN - Rotor, used w/ 28-1414 Insulator (Metal, Curved Blades)
28-1414	INSULATOR - Rotor, used w/ 28-1413 Fan
28-1854	SLIP RING - Rotor
28-1854-1	SLIP RING - Rotor (Slotted Leads)
28-1854-2	SLIP RING - Rotor (Channeled Leads for Welding)
38-115	BRUSH - Grd., Ref# R-132
38-115-3	BRUSH - Grd., Ref# R-132
38-116	BRUSH - Fld., Ref# R-133
38-116-3	BRUSH - Fld., Ref# R-133
39-106	BRUSH HOLDER ASSY.
39-1203	BRUSH HOLDER
39-1203-3	BRUSH HOLDER
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1701	BRUSH SPRING - Brush
42-1309	INSULATOR - Batt. Term., used w/ 46-1167 Batt. Term. (OE Design)
42-1309-1	INSULATOR - Batt. Term., used w/ 46-1167-1 Batt. Term. (Heavy Duty)
46-1167	BATTERY TERMINAL - Used w/ 42-1309 Insulator (Round, OE Design)
46-1167-1	BATTERY TERMINAL - Used w/ 42-1309-1 Insulator (Round, Heavy Duty)
46-1168	BATTERY TERMINAL (Square)
46-1173	BATTERY TERMINAL ADAPTER - Round to Square Batt. Terminal

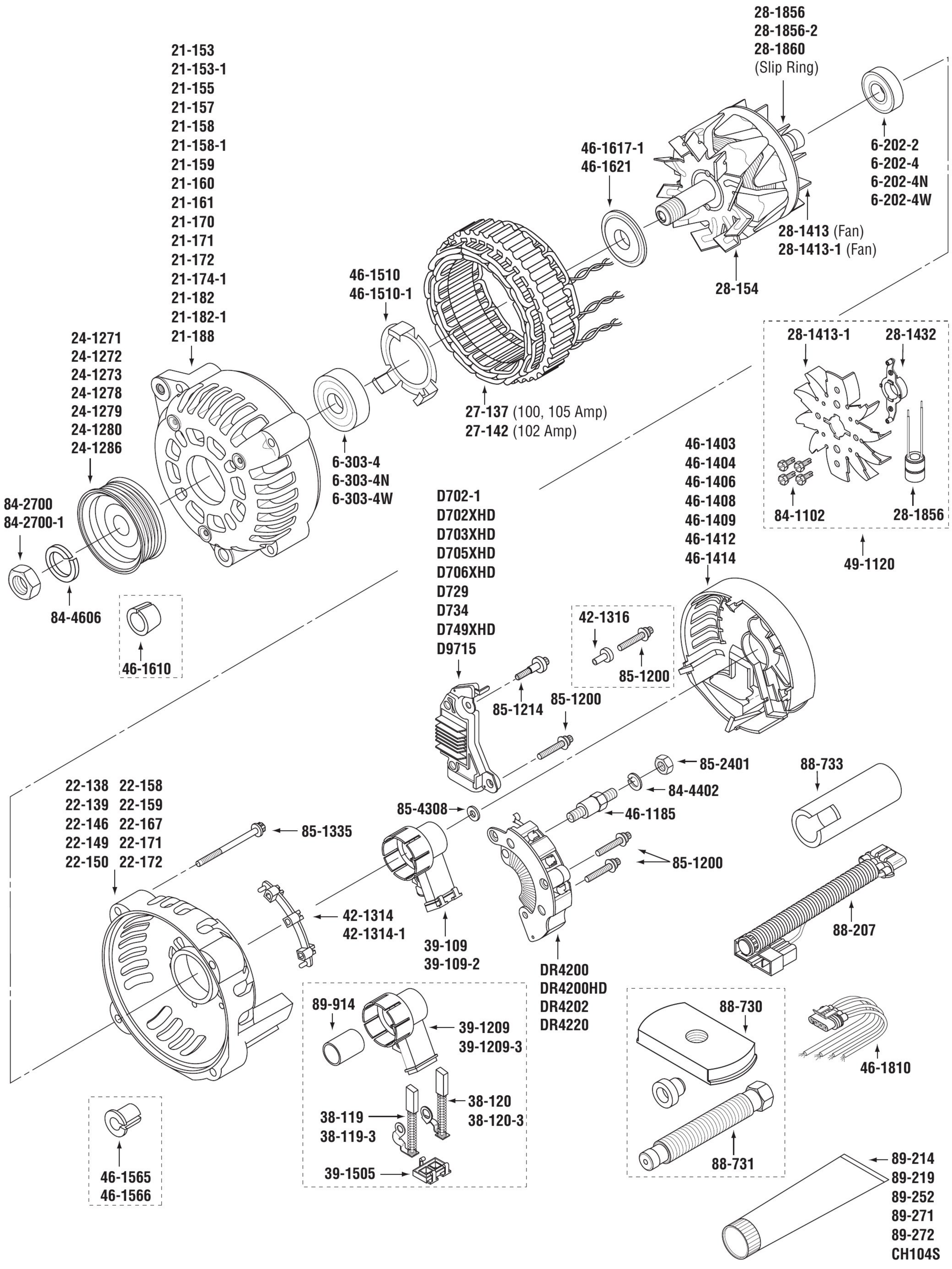
DELCO CS130 SERIES (cont'd.)



WAI No.	Description
46-1313	REPAIR CONNECTOR - Stator Lead
46-1401	COVER - S.R.E. Frame
46-1402	COVER - S.R.E. Frame, used w/ 22-137 S.R.E. Frame
46-1505	BEARING RETAINER - D.E. Frame, used w/ 84-1351 Screws
46-1507	BEARING RETAINER - D.E. Frame w/ 6203 Brg. (Snap Spring Style)
46-1511	BEARING RETAINER - OE D.E. Frame w/ 6303 Brg. (Snap Spring Style)
46-1559	MOUNTING BUSHING - S.R.E. Frame (10mm ID)
46-1560	TOLERANCE RING - S.R.E. Brg., used w/ 6-100-4 Brg. (Plastic, 11.5mm L)
46-1562	TOLERANCE RING - S.R.E. Brg., used w/ 6-100-4 or 6-2000-4 Brg. (Plastic, 9.5mm L)
46-1562-1	TOLERANCE RING - S.R.E. Brg., used w/ 6000 or 62000 Brg. (Plastic, 9.5mm L, Mfd. by OE Supplier)
46-1562-3	TOLERANCE RING - S.R.E. Brg., used w/ 6-100-4 or 6-2000-4 Brg. (Plastic, 9.5mm L)
46-1565	MOUNTING BUSHING - S.R.E. Frame (8mm ID)
46-1570	BEARING RETAINER - WAI D.E. Frame w/ 6303 Brg. (Snap Spring Style)
46-1601-1	SPACER - Pulley (25.5mm OD x 10mm L)
46-1602-2	SPACER - Rotor used w/ 6203 Brg. (25.5mm OD x 3mm L)
46-1616-2	SPACER - Fan (25.5mm OD x 5.25mm L)
46-1618	SPACER - Rotor used w/ 6303 Brg. (25.5mm OD x 1mm T)
46-1622	TAPER COLLAR - Used w/ 24-1276 Pulley
46-1803	REPAIR HARNESS - Regulator
46-1856	BAFFLE (Oval Stator Lead Holes)
46-1856-3	BAFFLE (Round Stator Lead Holes, B+ Access Hole)
46-1856-4	BAFFLE (Open Stator Lead Holes)
46-1861	PIN - Baffle, Cover
46-1862	BAFFLE - 10479998; 10480105, 265 Alts. (72.5mm ID)
46-1864	REPAIR PIN - S.R.E. Cover
46-1865	REPAIR PIN - Baffle
46-2602	SPACER - Packaging (Metal)
49-1516	TERMINAL KIT - Battery (Round Term.)
49-1519	TERMINAL ADAPTER KIT - Round to Square Batt. Terminal
84-1102	SCREW - 28-1413 Rotor Repair Fan (6-32 x 3/8 L, Hex, Thd. Cut.)
84-1225	SCREW - Rectifier, oversize for stripped & worn S.R.E. Frames (8-32 x 1 L, Hex, Thd. Form.)
84-1234	SCREW - Aftermarket Repair Fan (8-32 x 5/16 L, Hex, Thd. Form.)

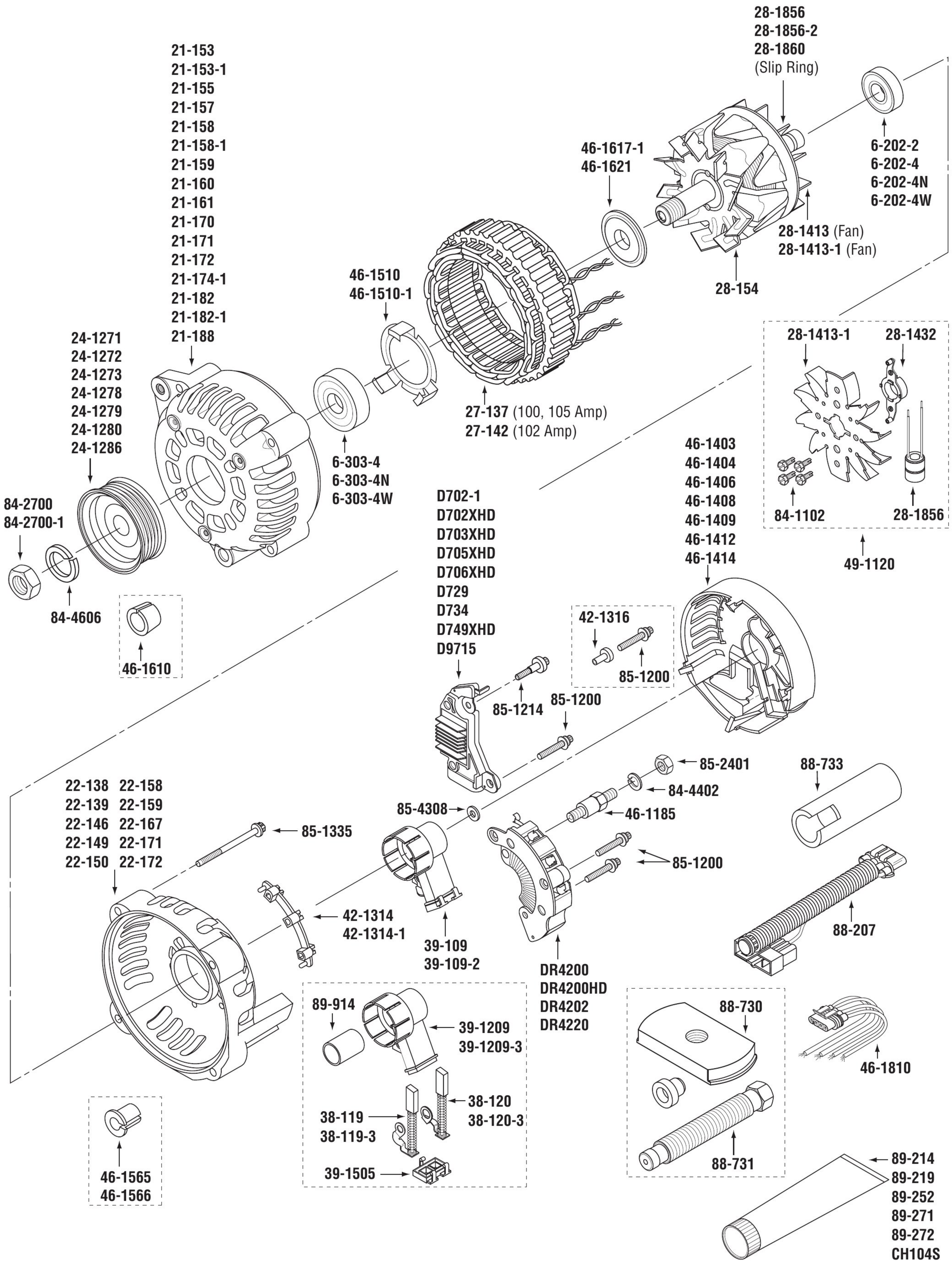
WAI No.	Description
84-1351	SCREW - 46-1505 Brg. Retainer (10-24 x 1/2 L, Phillips)
84-1371	THRU-BOLT - Oversized Thread for Stripped End Frames (12-24 x 2-5/8 L)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
85-1200	SCREW - BH, Rectifier (M4 x 0.7 x 21mm L, E5 Torx, Thd. Form., w/ Att. Washer)
85-1302	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form.)
85-1302-1	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form., Wax Coated Thds.)
85-1337	SCREW - Batt. Term. (M6 x 1.0 x 15mm L, Hex)
85-2300	HEX NUT - Batt. Term. (M5 x 0.8 x 8mm F x 4.5mm T, w/ Att. Washer)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-7503	INSULATING WASHER - Prevents S.R.E. Brg. from grounding out Slip Ring (10mm ID)
89-214	SLEEVE RETAINING COMPOUND (24 ml)
89-219	SLEEVE RETAINING COMPOUND (250 ml)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-902	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D408XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D411HD-1	REGULATOR (P-L-I-S Terms, 14.7 Vset, 2.5 sec. LRC, Heavy-Duty)
D411XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D425XHD	REGULATOR (P-L-I-S Terms, 14.2 Vset, 2.5 sec. LRC, ASVR)
D445XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 10 sec. LRC, ASVR)
DR4000	RECTIFIER (40A Press-Fit Avalanche Diodes)
DR4000HD	RECTIFIER - Heavy Duty (50A Press-Fit Avalanche Diodes)
DR4002	RECTIFIER (40A Press-Fit Avalanche Diodes)

DELCO CS130D SERIES



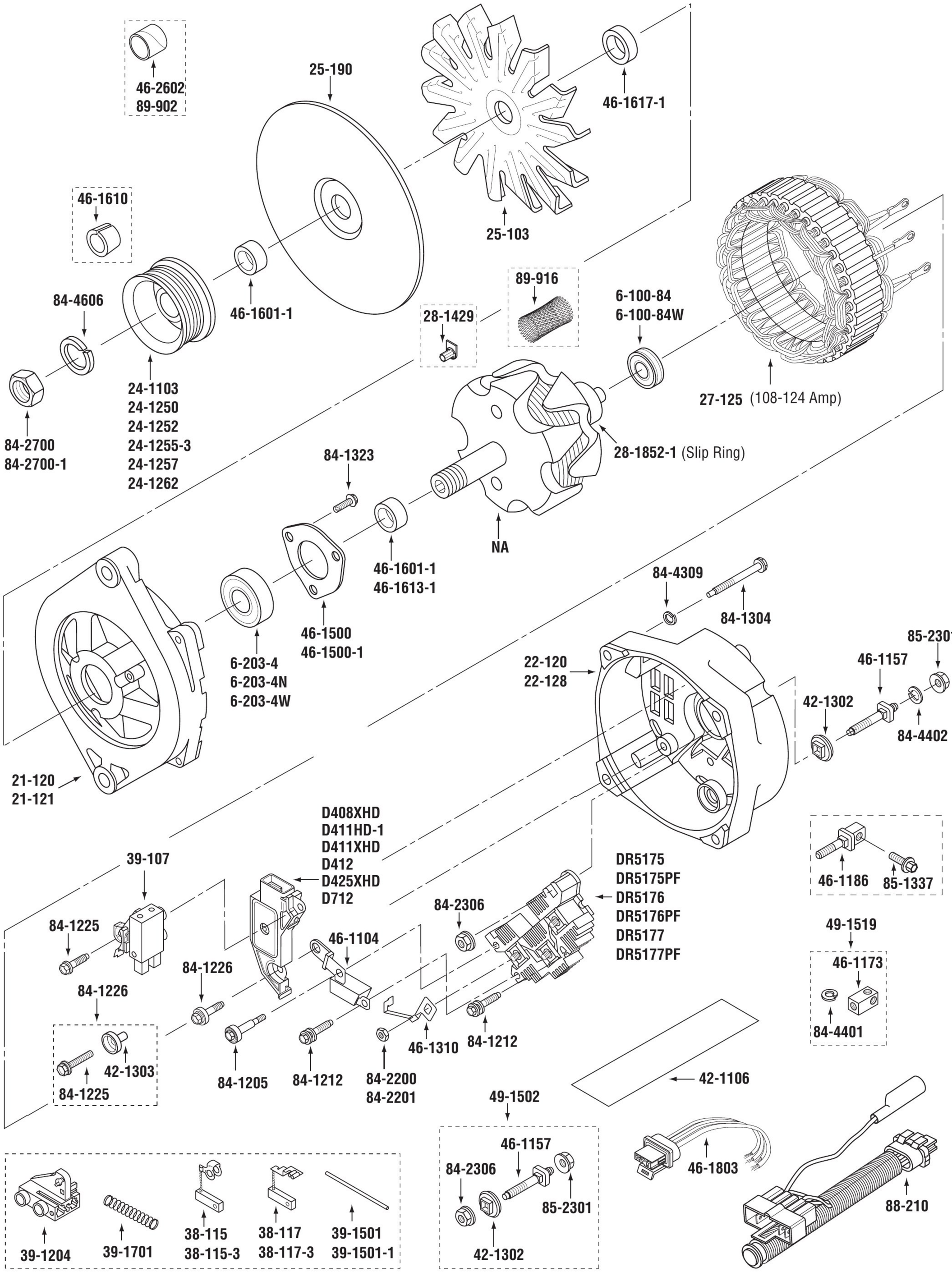
WAI No.	Description
6-202-2	BALL BEARING - S.R.E. (Dbl. Shielded)
6-202-4	BALL BEARING - S.R.E. (Dbl. Sealed)
6-202-4N	BALL BEARING - S.R.E. (Dbl. Sealed, NTN)
6-202-4W	BALL BEARING - S.R.E. (Dbl. Sealed, WBD)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
21-153	D.E. FRAME (10:00, 10mm Mtg. Ear)
21-153-1	D.E. FRAME - Incl. 6-303-4 Brg. (10:00, 10mm Mtg. Ear)
21-155	D.E. FRAME (2:00, M8 x 1.25 Mtg. Ear)
21-157	D.E. FRAME (10:00, M8 x 1.25 Mtg. Ear)
21-158	D.E. FRAME (3:00, 10mm Mtg. Ear)
21-158-1	D.E. FRAME - Incl. 6-303-4 Brg. (3:00, 10mm Mtg. Ear)
21-159	D.E. FRAME (10:00, 10mm Mtg. Ear)
21-160	D.E. FRAME (2:30, M8 x 1.25 Mtg. Ear)
21-161	D.E. FRAME (Side Mount, 10mm Foot, 24.5mm Stator Bore)
21-170	D.E. FRAME (Side Mount, M10 x 1.5 Foot, 25.5mm Stator Bore)
21-171	D.E. FRAME (3-Mtg Ears)
21-172	D.E. FRAME (Side Mount, 10mm Foot, 25.5mm Stator Bore)
21-174-1	D.E. FRAME - Incl. 6-303-4 Brg. (Side Mount, 10mm Foot, 25.5mm Stator Bore)
21-182	D.E. FRAME (Side Mount, M10 x 1.5 Foot, 24.5mm Stator Bore)
21-182-1	D.E. FRAME - Incl. 6-303-4 Brg. (Side Mount, M10 x 1.5 Foot, 24.5mm Stator Bore)
21-188	D.E. FRAME - Honda 31100-P8A-A01, -A02 Alts. (2:00, 8mm Mtg. Ear)
22-138	S.R.E. FRAME (2-M8 x 1.25 Mtg. Holes)
22-139	S.R.E. FRAME (10mm Mtg. Foot)
22-146	S.R.E. FRAME (M8 x 1.25 Mtg. Foot)
22-149	S.R.E. FRAME (1-M8 x 1.25 Mtg. Hole, 5mm End Frame Mating Bore Depth)
22-150	S.R.E. FRAME (Side Mount, 5mm End Frame Mating Bore Depth)
22-158	S.R.E. FRAME (Side Mount, 6mm End Frame Mating Bore Depth)
22-159	S.R.E. FRAME (Side Mount, 6mm End Frame Mating Bore Depth)
22-167	S.R.E. FRAME (1-M8 x 1.25 Mtg. Hole, 6mm End Frame Mating Bore Depth)
22-171	S.R.E. FRAME (5mm End Frame Mating)
22-172	S.R.E. FRAME - Honda 31100-P8A-A01, -A02 Alts.
24-1271	6-GROOVE PULLEY (67mm OD)
24-1272	6-GROOVE PULLEY (57mm OD)
24-1273	6-GROOVE PULLEY (52mm OD)
24-1278	5-GROOVE PULLEY (62mm OD)
24-1279	6-GROOVE PULLEY (62mm OD)
24-1280	5-GROOVE PULLEY (57mm OD)
24-1286	6-GROOVE PULLEY (65mm OD)
27-137	STATOR - 105A (25mm T Lamination)
27-142	STATOR - 102A (27mm T Lamination)
28-154	ROTOR - 100-110A
28-1413	FAN - Rotor, used w/ 28-1432 Insulator (Metal)
28-1413-1	FAN - Rotor, used w/ 28-1432 Insulator (Metal, Curved Blades)
28-1432	INSULATOR - Used w/ 28-1413, 28-1413-1 curved fan
28-1432-1	INSULATOR - Used w/ 28-1413, 28-1413-1 curved fan (Aftmrk Design)
28-1856	SLIP RING - Rotor w/ 11 or 16-Blade Black Fan
28-1856-2	SLIP RING - Rotor w/ 11 or 16-Blade Black Fan (Lead Insulation pre-stripped for installation.)
28-1860	SLIP RING - Rotor w/ 16-Blade Tan Fan
38-119	BRUSH - Grd.
38-119-3	BRUSH - Grd.
38-120	BRUSH - Fld.
38-120-3	BRUSH - Fld.
39-109	BRUSH HOLDER ASSY.
39-109-2	BRUSH HOLDER ASSY.
39-1209	BRUSH HOLDER
39-1209-3	BRUSH HOLDER
39-1505	CAP - Brush Holder
42-1314	INSULATOR - Stator Leads
42-1314-1	INSULATOR - Stator Leads
42-1316	INSULATOR - Regulator Screw
46-1185	BATTERY TERMINAL (M8 x 1.25 Int., M8 x 1.25 Ext.)
46-1403	COVER - S.R.E. Frame
46-1404	COVER - S.R.E. Frame, w/ Opening for Air Duct
46-1406	COVER - S.R.E. Frame
46-1408	COVER - S.R.E. Frame
46-1409	COVER - S.R.E. Frame
46-1412	COVER - S.R.E. Frame, w/ Opening for Air Duct
46-1414	COVER - S.R.E. Frame
46-1510	BEARING RETAINER - D.E. Frame (3-Finger Design)
46-1510-1	BEARING RETAINER - D.E. Frame (4-Finger Design)
46-1565	MOUNTING BUSHING - D.E., S.R.E. Frame (8mm ID)
46-1566	MOUNTING BUSHING - S.R.E. Frame, used w/ 22-139 S.R.E. Frame (10mm ID)
46-1610	TAPER COLLAR - Pulley
46-1617-1	SPACER - Rotor, 1st Prod. (25.5mm OD x 5.8mm L)
46-1621	SPACER - Rotor, 2nd Prod. (40.1mm OD x 6.1mm L)
46-1810	REPAIR HARNESS - Regulator
49-1120	REPAIR KIT - Rotor, incl. Fan, Insulator, Mtg. Screws, Slip Ring
84-1102	SCREW - 28-1413 Rotor Repair Fan (6-32 x 3/8 L, Hex, Thd. Cut.)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4402	LOCK WASHER - Batt. Term. (5/16 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
85-1200	SCREW - Rectifier, Regulator (M4 x 0.7 x 21mm L, E5 Torx, Thd. Form., w/ Att. Washer)
85-1214	SCREW W/ INSULATOR - Regulator (M4 x 0.7 x 21mm L, E5 Torx)
85-1335	THRU BOLT (M6 x 1.0 x 62mm L, E8 Torx, Thd. Form.)
85-2401	HEX NUT - Batt. Term. (M8 x 1.25 x 13mm F x 5mm T)
85-4308	WASHER - Rectifier to Regulator Spacer (1.6mm T)
88-207	ALTERNATOR TEST LEAD
88-730	STATOR TOOL PLATE - Removes Stators (100 & 105A only), used w/ 88-731 Pressure Screw
88-731	PRESSURE SCREW - Used w/ 88-730 Stator Tool Plate
88-733	TOOL - Brush Holder Installation
89-214	SLEEVE RETAINING COMPOUND (24 ml)
89-219	SLEEVE RETAINING COMPOUND (250 ml)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-914	BRUSH RETAINER - Brush Holder
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D702-1	REGULATOR (P-L-I-S Terms, 14.7 Vset, 2.5 sec. LRC)
D702XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D703XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 10 sec. LRC, ASVR)

DELCO CS130D SERIES (cont'd.)



WAI No.	Description
D705-1	REGULATOR (P-L-F-S Terms, 14.7 Vset, 10 sec. LRC)
D705XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 10 sec. LRC, ASVR)
D706XHD	REGULATOR (P-L-I-S Terms, 14.2 Vset, 2.5 sec. LRC, ASVR)
D729	REGULATOR (P-L-F-S Terms, 14.7 Vset, 10 sec. LRC)
D734	REGULATOR (P-L-I-S Terminals, 14.6 Vset, 10 sec. LRC)
D749XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D9715	REGULATOR - Honda (C-FR-IG-L Terms, 14.8 Vset)
DR4200	RECTIFIER (40A Press-Fit Avalanche Diodes, M8 Batt. Term.)
DR4200HD	RECTIFIER - Heavy Duty (50A Press-Fit Avalanche Diodes, M8 Batt. Term.)
DR4202	RECTIFIER (40A Press-Fit Avalanche Diodes, M8 Batt. Term.)
DR4220	RECTIFIER - Honda (40A Press-Fit Avalanche Diodes, M6 Batt. Term.)

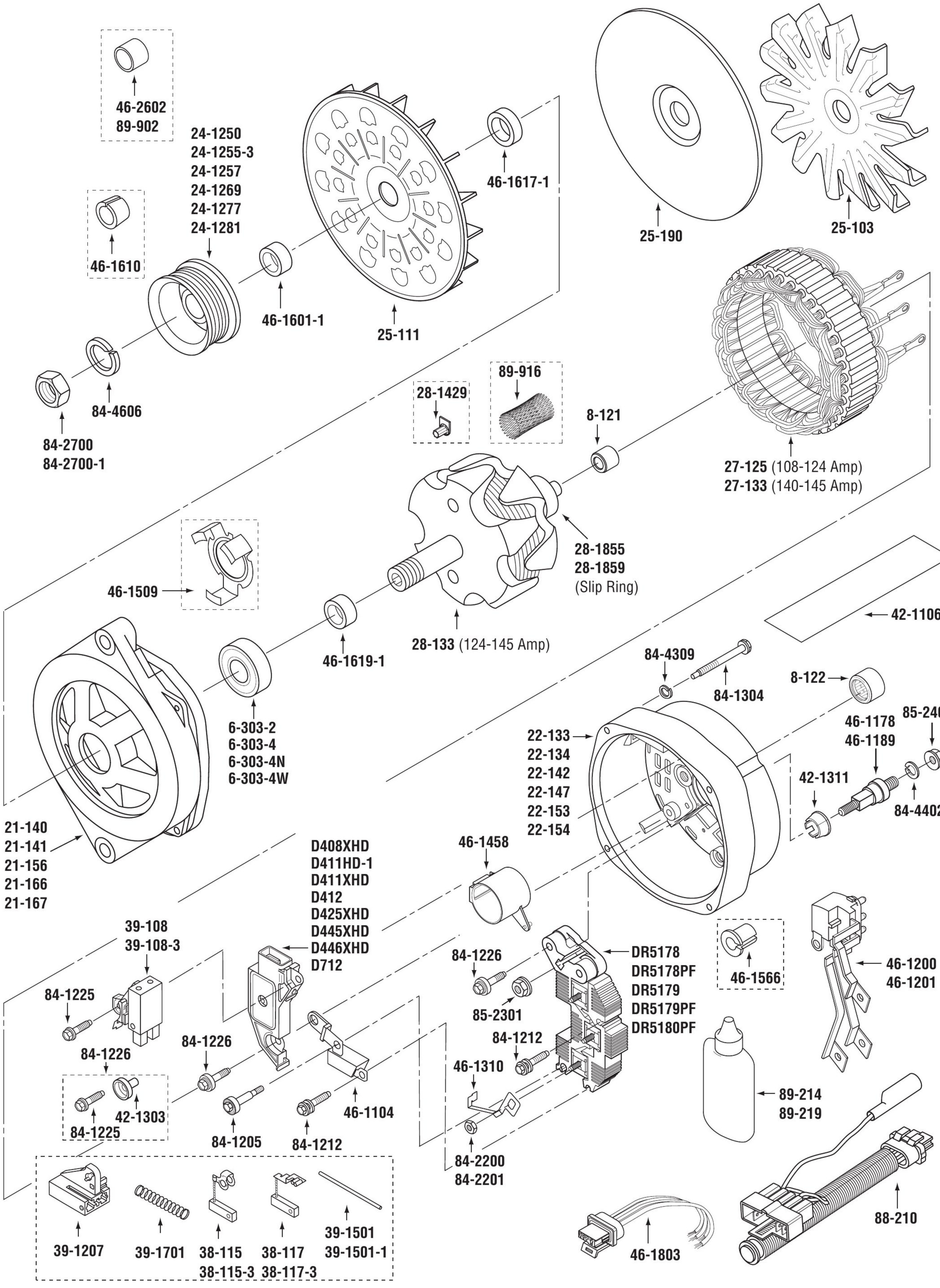
DELCO CS144 SERIES, EARLY 108-124 AMP



WAI No.	Description
6-100-84	BALL BEARING - S.R.E. (Dbl. Sealed w/ Tolerance Rings)
6-100-84W	BALL BEARING - S.R.E. (Dbl. Sealed w/ Tolerance Rings, WBD)
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
21-120	D.E. FRAME (12:00, 10mm Mtg. Ear)
21-121	D.E. FRAME (12:00, M10 x 1.5 Mtg. Ear)
22-120	S.R.E. FRAME - Used w/ 6-100-84 Brg. (M8 x 1.25, M10 x 1.5 Mtg. Holes)
22-128	S.R.E. FRAME - Used w/ 6-100-84 Brg. (M10 x 1.5 Mtg. Hole)
24-1103	1-GROOVE PULLEY - Used w/ 46-1601-1 Spacer (10mm Belt x 66mm OD)
24-1250	6-GROOVE PULLEY (62mm OD)
24-1252	4-GROOVE PULLEY (57mm OD)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)
24-1257	5-GROOVE PULLEY (54mm OD)
24-1262	6-GROOVE PULLEY - Used w/ 46-1610 Taper Collar (57mm OD)
25-103	FAN
25-190	BAFFLE - Fan
27-125	STATOR - 108-124A
28-1429	INSULATOR - Rotor (14.7mm L x 10.7mm W)
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)
38-115	BRUSH - Grd., Ref# R-132
38-115-3	BRUSH - Grd., Ref# R-132
38-117	BRUSH - Fld., Ref# R-131
38-117-3	BRUSH - Fld., Ref# R-131
39-107	BRUSH HOLDER ASSY.
39-1204	BRUSH HOLDER
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1701	BRUSH SPRING - Brush
42-1106	INSULATOR - Between Rectifier & S.R.E. Frame
42-1302	INSULATOR - Batt. Term., used w/ 46-1157 Batt. Term.
42-1303	INSULATOR - Regulator Screw
46-1104	CAPACITOR
46-1157	BATTERY TERMINAL (12-24 Int., M6 x 1.0 Ext.)
46-1173	BATTERY TERMINAL ADAPTER - Round to Square Batt. Terminal
46-1186	BATTERY TERMINAL (12-24 Int., Square)
46-1310	CONNECTOR - Rect. to Reg.
46-1500	BEARING RETAINER - D.E. Frame
46-1500-1	BEARING RETAINER - D.E. Frame
46-1601-1	SPACER - Pulley, Rotor w/ 108-120A Alts. (25.5mm OD x 10mm L)
46-1610	TAPER COLLAR - Used w/ 24-1262 Pulley
46-1613-1	SPACER - Rotor w/ 124A Alts. (25.5mm OD x 8.5mm L)
46-1617-1	SPACER - Fan (25.5mm OD x 5.8mm L)
46-1803	REPAIR HARNESS - Regulator

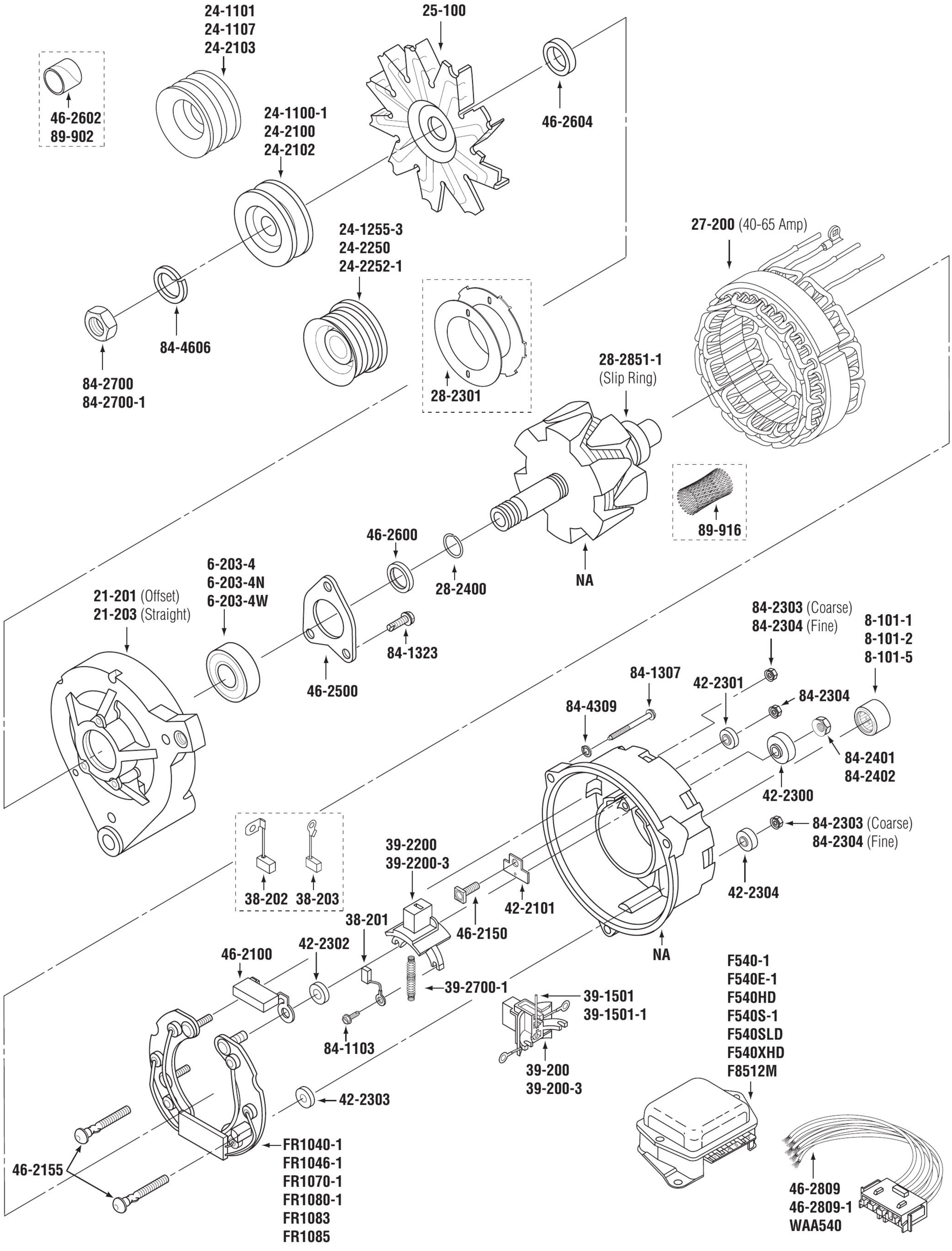
WAI No.	Description
46-2602	SPACER - Packaging (Metal)
49-1502	TERMINAL KIT - Battery (12-24 Int., M6 x 1.0 Ext.)
49-1519	TERMINAL ADAPTER KIT - Round to Square Batt. Terminal
84-1205	SCREW W/ INSULATOR - Capacitor (8-32 x 1-1/4 L, Hex, w/ Att. Washer)
84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1225	SCREW - Brush Holder (8-32 x 1 L, Hex, Thd. Form.)
84-1226	SCREW W/ INSULATOR - Regulator (8-32 x 31/32 L, Hex, w/ Att. Washer, Thd. Form.)
84-1304	THRU BOLT (10-24 x 2-1/2 L)
84-1323	SCREW - Brg. Retainer (10-24 x 5/8 L, Hex, Thd. Cut.)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2201	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4401	LOCK WASHER - B+ Term. Adapter (1/4 ID, Split)
84-4402	LOCK WASHER - Batt. Term. (5/16 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
85-1337	SCREW - Batt. Term. (M6 x 1.0 x 15mm L, Hex)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
88-210	ALTERNATOR TEST LEAD
89-902	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
D408XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D411HD-1	REGULATOR (P-L-I-S Terms, 14.7 Vset, 2.5 sec. LRC, Heavy-Duty)
D411XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D412	REGULATOR (P-L-F-S Terms, 14.6 Vset, 10 sec. LRC, Remote Temp. Compensation)
D425XHD	REGULATOR (P-L-I-S Terms, 14.2 Vset, 2.5 sec. LRC, ASVR)
D712	REGULATOR (P-L-F-S Terms, 14.6 Vset, 10 sec. LRC, Remote Temp. Compensation)
DR5175	RECTIFIER (Wide-Fin Heat Sink, 3-Avalanche Diodes)
DR5175PF	RECTIFIER (Wide-Fin Heat Sink, 3-Press-Fit Avalanche Diodes)
DR5176	RECTIFIER (Saw-Fin Heat Sink, 3-Avalanche Diodes)
DR5176PF	RECTIFIER (Saw-Fin Heat Sink, 3-Press-Fit Avalanche Diodes)
DR5177	RECTIFIER (Saw-Fin Heat Sink, 6-Avalanche Diodes)
DR5177PF	RECTIFIER (Saw-Fin Heat Sink, 6-Press-Fit Avalanche Diodes)

DELCO CS144 SERIES, LATE 124-145 AMP



WAI No.	Description
6-303-2	BALL BEARING - D.E. (Dbl. Shielded)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-121	INNER RACE - Rotor, used w/ 8-122 Ndl. Brg.
8-122	NEEDLE BEARING - S.R.E., used w/ 8-121 Brg. Race
21-140	D.E. FRAME (12:00, 10mm Mtg. Ear)
21-141	D.E. FRAME (12:00 Ear, M10 x 1.5)
21-156	D.E. FRAME (3-Mtg. Ears)
21-166	D.E. FRAME (10:00, 10mm Mtg. Ear)
21-167	D.E. FRAME (9:15, 10mm Mtg. Ear)
22-133	S.R.E. FRAME - Used w/ 8-122 Ndl. Brg. (2-M10 x 1.5 Mtg. Holes)
22-134	S.R.E. FRAME - Used w/ 8-122 Ndl. Brg. & 46-1201 Terminal Block
22-142	S.R.E. FRAME - Used w/ 8-122 Ndl. Brg. (2-M10 x 1.5 Mtg. Holes)
22-147	S.R.E. FRAME - Used w/ 8-122 Ndl. Brg. (M10 x 1.5 Mtg. Hole)
22-153	S.R.E. FRAME - Used w/ 8-122 Ndl. Brg. (10mm Mtg. Foot)
22-154	S.R.E. FRAME - Used w/ 8-122 Ndl. Brg. (M8 x 1.25 Mtg. Hole)
24-1250	6-GROOVE PULLEY - 9mm Hub to 1st Groove (62mm OD)
24-1255-3	6-GROOVE PULLEY - 9mm Hub to 1st Groove (56mm OD, 9mm Hub to 1st Groove)
24-1257	5-GROOVE PULLEY (54mm OD)
24-1269	6-GROOVE PULLEY - Used w/ 46-1610 Taper Collar (59mm OD)
24-1277	6-GROOVE PULLEY - 14mm Hub to 1st Grv. (56mm OD)
24-1281	6-GROOVE PULLEY - 14mm Hub to 1st Grv. (61mm OD)
25-103	FAN
25-111	FAN (Plastic Vanes)
25-190	BAFFLE - Used w/ 25-103 Fan
27-125	STATOR - 108-124A
27-133	STATOR - 140-145A
28-133	ROTOR - 124-145A , w/ 8-121 Brg. Race
28-1429	INSULATOR - Rotor (14.7mm L x 10.7mm W)
28-1855	SLIP RING - Rotor (17.3mm ID x 29.3mm OD, Molded Leads)
28-1859	SLIP RING - Rotor (17.3mm ID x 29.3mm OD)
38-115	BRUSH - Grd., Ref# R-132
38-115-3	BRUSH - Grd., Ref# R-132
38-117	BRUSH - Fld., Ref# R-131
38-117-3	BRUSH - Fld., Ref# R-131
39-108	BRUSH HOLDER ASSY.
39-108-3	BRUSH HOLDER ASSY.
39-1207	BRUSH HOLDER
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1701	BRUSH SPRING - Brush
42-1106	INSULATOR - Between Rectifier & S.R.E. Frame
42-1303	INSULATOR - Regulator Screw
42-1311	INSULATOR - Batt. Term., used w/ 46-1178 Batt. Term.
46-1104	CAPACITOR
46-1178	BATTERY TERMINAL (M6 x 1.0 Int., M8 x 1.25 Ext.)
46-1189	BATTERY TERMINAL (M6 x 1.0 Int., M6 x 1.0 Ext.)
46-1200	3-TERMINAL BLOCK - Heated Windshield Application (M5 x 0.8 Studs)
46-1201	3-TERMINAL BLOCK - Heated Windshield Application (Unthreaded Studs)
46-1310	CONNECTOR - Rect. to Reg.
46-1458	COVER - Slip Ring
46-1509	BEARING RETAINER - D.E. Frame w/ 6303 Brg. (Snap on Style)
46-1566	MOUNTING BUSHING - S.R.E. Frame, used w/ 22-153 S.R.E. Frame (10mm ID)
46-1601-1	SPACER - Pulley (25.5mm OD x 10mm L)
46-1610	TAPER COLLAR - Used w/ 24-1269 Pulley
46-1617-1	SPACER - Fan (25.5mm OD x 5.8mm L)
46-1619-1	SPACER - Rotor (25.5mm OD x 6.5mm L)
46-1803	REPAIR HARNESS - Regulator
46-2602	SPACER - Packaging (Metal)
84-1205	SCREW W/ INSULATOR - Capacitor (8-32 x 1-1/4 L, Hex, w/ Att. Washer)
84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1225	SCREW - Brush Holder (8-32 x 1 L, Hex, Thd. Form.)
84-1226	SCREW W/ INSULATOR - Regulator, Rectifier (8-32 x 31/32 L, Hex, w/ Att. Washer, Thd. Form.)
84-1304	THRU BOLT (10-24 x 2-1/2 L)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2201	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4402	LOCK WASHER - Batt. Term. (5/16 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-2400	HEX NUT - Batt. Term. (M8 x 1.25 x 13mm F x 6.3mm T)
88-210	ALTERNATOR TEST LEAD
89-214	SLEEVE RETAINING COMPOUND (24 ml)
89-219	SLEEVE RETAINING COMPOUND (250 ml)
89-902	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
D408XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D411HD-1	REGULATOR (P-L-I-S Terms, 14.7 Vset, 2.5 sec. LRC, Heavy-Duty)
D411XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D412	REGULATOR (P-L-F-S Terms, 14.6 Vset, 10 sec. LRC, Remote Temp. Compensation)
D425XHD	REGULATOR (P-L-I-S Terms, 14.2 Vset, 2.5 sec. LRC, ASVR)
D445XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 10 sec. LRC, ASVR)
D446XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 10 sec. LRC, ASVR)
D712	REGULATOR (P-L-F-S Terms, 14.6 Vset, 10 sec. LRC, Remote Temp. Compensation)
DR5178	RECTIFIER (w/ Recessed Mtg. Hole, 6-Button Avalanche Diodes)
DR5178PF	RECTIFIER (w/ Recessed Mtg. Hole, 6-50A Press-Fit Avalanche Diodes)
DR5179	RECTIFIER (wo/ Recessed Mtg. Hole, 6-Button Avalanche Diodes)
DR5179PF	RECTIFIER (wo/ Recessed Mtg. Hole, 6-50A Press-Fit Avalanche Diodes)
DR5180PF	RECTIFIER (wo/ Recessed Mtg. Hole, 6-70A Press-Fit Non-avalanche Diodes)

FORD 1G SERIES, 40-65 AMP



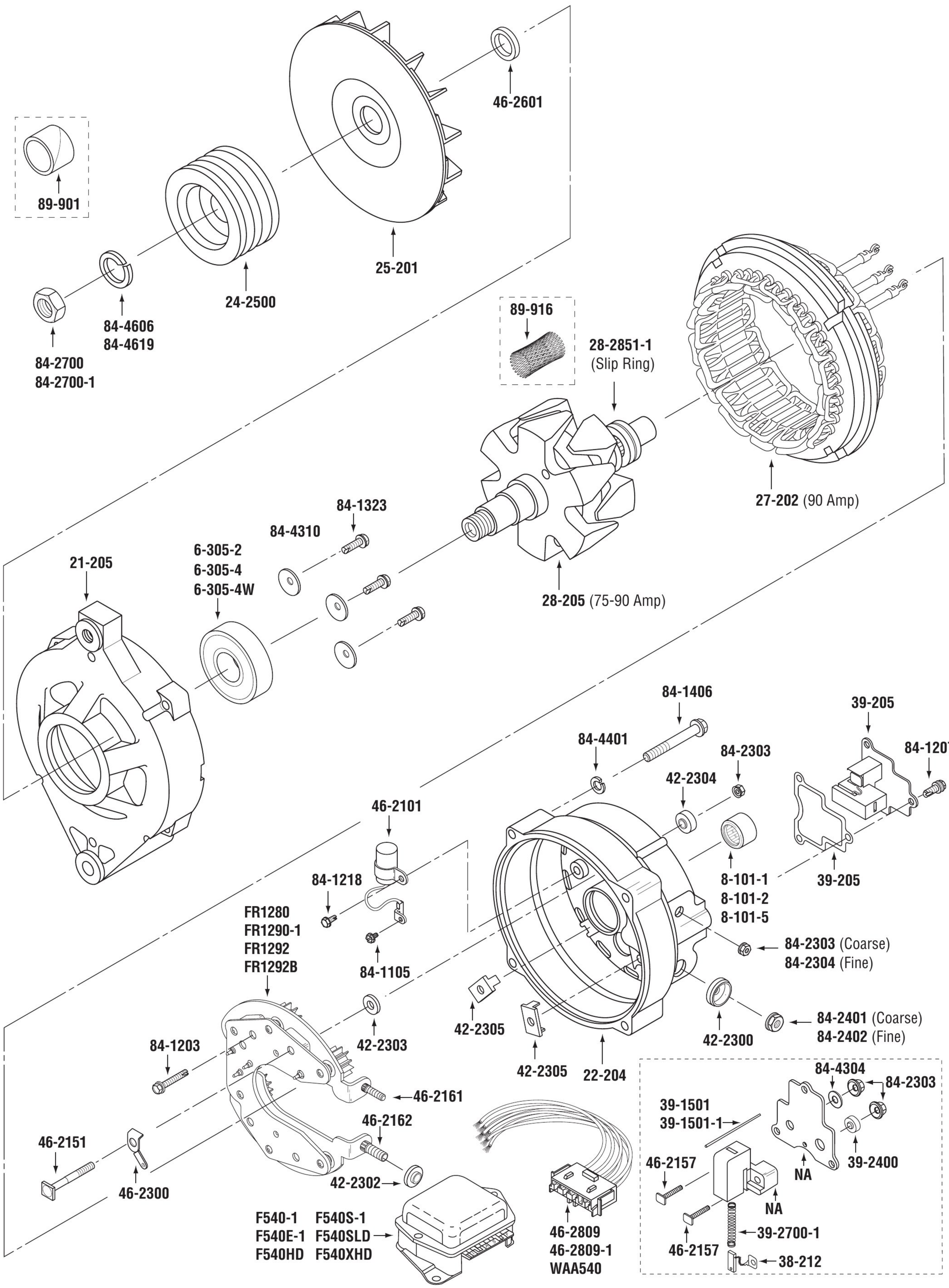
WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
21-201	D.E. FRAME (10:00, 3/8-16 Mtg. Ear)
21-203	D.E. FRAME (12:00, 3/8-16 Mtg. Ear)
24-1100-1	1-GROOVE PULLEY - 13mm Hub to 1st Groove (10mm Belt x 67mm OD)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)
24-1107	2-GROOVE PULLEY (13mm Belts x 81mm OD)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)
24-2100	1-GROOVE PULLEY - 13mm Hub to 1st Groove (13mm Belts x 86mm OD)
24-2102	1-GROOVE PULLEY - 24.5mm Hub to 1st Groove (10mm Belts x 65mm OD)
24-2103	2-GROOVE PULLEY (10mm/13mm Belts x 85mm OD)
24-2250	5-GROOVE PULLEY (48mm OD)
24-2252-1	6-GROOVE PULLEY (49mm OD)
25-100	FAN
27-200	STATOR - 40-65A
28-2301	BOBBIN - Rotor
28-2400	RETAINING RING - Rotor
28-2851-1	SLIP RING - Rotor
38-201	BRUSH - Fld. or Grd., Ref# F-39
38-202	BRUSH - Late Fld. Style, Ref# F-4
38-203	BRUSH - Late Grd. Style, Ref# F-43
39-200	BRUSH HOLDER ASSY. - w/ 38-201 Brushes
39-200-3	BRUSH HOLDER ASSY. - w/ 38-201 Brushes
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-2200	BRUSH HOLDER
39-2200-3	BRUSH HOLDER
39-2700-1	SPRING - Brush
42-2101	INSULATOR - Field Term.
42-2300	INSULATOR - Batt. Term. (1/4 ID, Red)
42-2301	INSULATOR - Field Term. (No. 10 ID, White)
42-2302	INSULATOR - Batt. Term. (1/4 ID, Red)
42-2303	INSULATOR - Stator Term. (No. 10 ID, Red)
42-2304	INSULATOR - Stator Term. (No. 10 ID, Black)
46-2100	CAPACITOR
46-2150	FIELD TERMINAL (10-32)
46-2155	STATOR TERMINAL (10-32 Twist Lock)
46-2500	BEARING RETAINER - 5-Spoke D.E. Frame
46-2600	STOP COLLAR - Rotor
46-2602	SPACER - Packaging (Metal)
46-2604	SPACER - Fan (25.4mm OD x 3.9mm L)
46-2809	REPAIR HARNESS - Regulator
46-2809-1	REPAIR HARNESS - Regulator (OE-Style Connector)
84-1103	SCREW - Brush Holder (6-32 x 1/2 L, Slotted Hex, Thd. Cut.)
84-1307	THRU BOLT (10-24 x 2-1/8 L)
84-1323	SCREW - Brg. Retainer (10-24 x 5/8 L, Hex, Thd. Cut.)
84-2303	HEX NUT - Grd., Stator Terms. (10-24 x 5/16 F x 1/8 T, w/ Att. Washer)
84-2304	HEX NUT - Fld., Grd., Stator Terms. (10-32 x 5/16 F x 1/8 T, w/ Att. Washer)
84-2401	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 3/16 T, w/ Att. Washer)
84-2402	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 1/8 T, w/ Att. Washer)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
89-902	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
F540-1	REGULATOR (External, Solid State)
F540E-1	REGULATOR (External, Solid State)
F540HD	REGULATOR (External, Solid State, Adj. Volt., Heavy-Duty)
F540S-1	REGULATOR (External, Solid State)
F540SLD	REGULATOR (External, Solid State, Super Light Drive)
F540XHD	REGULATOR (External, Solid State, Heavy-Duty)
F8512M	REGULATOR (External, Mechanical, Black Cover)
FR1040-1	RECTIFIER (35A Press-Fit Diodes, Wire Form Type)
FR1046-1	RECTIFIER (50A Press-Fit Diodes, Wire Form Type)
FR1070-1	RECTIFIER (25A Button Diodes, Wire Form Type)
FR1080-1	RECTIFIER (25A Button Diodes, Circuit Board)
FR1083	RECTIFIER (35A Press-Fit Diodes, Circuit Board)
FR1085	RECTIFIER (50A Press-Fit Diodes, Circuit Board)
WAA540	TEST LEAD - Regulator

FORD 1G SERIES, 70-100 AMP

WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
21-202	D.E. FRAME (14mm Thin Mtg. Ear)
21-207	D.E. FRAME (27mm Thick Mtg. Ear)
22-201	S.R.E. FRAME
24-1100-1	1-GROOVE PULLEY (10mm Belt x 67mm OD)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)
24-2103	2-GROOVE PULLEY (10mm/13mm Belts x 85mm OD)
24-2255	4-GROOVE PULLEY (58mm OD)
24-2256	6-GROOVE PULLEY (64mm OD)
25-106	FAN
27-202	STATOR - 90-100A
28-2400	RETAINING RING - Rotor
28-2852-1	SLIP RING - Rotor
38-204	BRUSH - Ref# F-55
38-204-3	BRUSH - Ref# F-55
38-205	BRUSH - Ref# F-56
38-206	BRUSH - Ref# F-57
39-201	BRUSH HOLDER ASSY.
39-201-1	BRUSH HOLDER ASSY.
39-2700-1	SPRING - Brush
42-2300	INSULATOR - Batt. Term. (1/4 ID, Red)
42-2305	INSULATOR - Rectifier
46-2101	CAPACITOR
46-2161	TERMINAL POST - Ground (10-24 x 29/32 L)
46-2162	TERMINAL POST - Battery (1/4-20 x 15/16 L)
46-2250	WIRE LEAD - Brush Holder
46-2600	STOP COLLAR - Rotor
46-2602	SPACER - Packaging (Metal)
46-2606	SPACER - Fan (22.1mm OD x 8.0mm L)
46-2806	REPAIR HARNESS - Brush Holder
46-2809	REPAIR HARNESS - Regulator
46-2809-1	REPAIR HARNESS - Regulator (OE-Style Connector)

WAI No.	Description
84-1105	SCREW - Capacitor Lead (6-32 x 1/4 L, Slotted Hex, Thd. Cut.)
84-1203	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, Thd. Cut.)
84-1209	SCREW - Brush Holder (8-32 x 5/8 L, Slotted Hex)
84-1218	SCREW - Capacitor Brkt. (8-32 x 3/8 L, Hex)
84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
84-1406	THRU BOLT (1/4-20 x 2 L)
84-2303	HEX NUT - Grd. Term. (10-24 x 5/16 F x 1/8 T, w/ Att. Washer)
84-2304	HEX NUT - Grd. Term. (10-32 x 5/16 F x 1/8 T, w/ Att. Washer)
84-2401	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 3/16 T, w/ Att. Washer)
84-2402	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 1/8 T, w/ Att. Washer)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4310	CONICAL WASHER - Brg. Retainer (#10 ID)
84-4401	LOCK WASHER - Thru Bolt (1/4 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
84-7400	INSULATING WASHER - Batt. Term. (1/4 ID)
89-902	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
F540-1	REGULATOR (External, Solid State)
F540E-1	REGULATOR (External, Solid State)
F540HD	REGULATOR (External, Solid State, Adj. Volt., Heavy-Duty)
F540S-1	REGULATOR (External, Solid State)
F540SLD	REGULATOR (External, Solid State, Super Light Drive)
F540XHD	REGULATOR (External, Solid State, Heavy-Duty)
F782	REGULATOR (External, Digital Dash Applications)
F8512M	REGULATOR (External, Mechanical, Black Cover)
FR1270-1	RECTIFIER (40A Diodes, Aluminum Heat Sink)
FR1280	RECTIFIER (50A Diodes, Star-shaped Heat Sinks)
FR1290-1	RECTIFIER (50A Diodes, Copper Heat Sink)
FR1292	RECTIFIER (70A Diodes, Copper Heat Sink)
FR1292B	RECTIFIER (70A Diodes, Copper Heat Sink, Threaded Stator Posts)
WAA540	TEST LEAD - Regulator

FORD 1G SERIES, BLUE BACK TRUCK 75-90 AMP

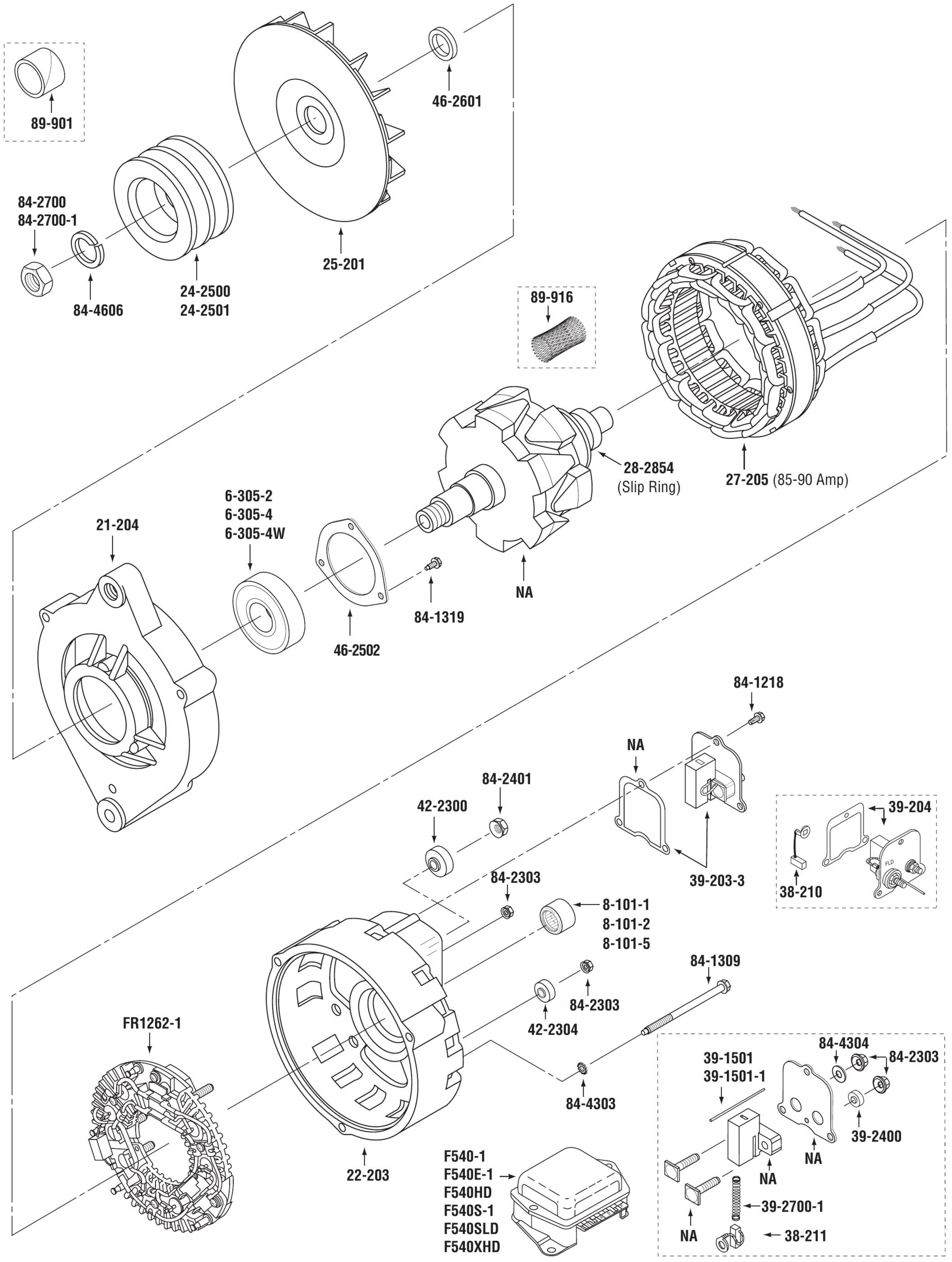


FORD 1G SERIES, BLUE BACK TRUCK 75-90 AMP

WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
21-205	D.E. FRAME
22-204	S.R.E. FRAME
24-2500	2-GROOVE PULLEY (13mm Belts x 84mm OD)
25-201	FAN
27-202	STATOR - 90A
28-205	ROTOR - 75-90A
28-2851-1	SLIP RING - Rotor
38-212	BRUSH - Ref# F-63
39-205	BRUSH HOLDER ASSY.
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-2400	INSULATOR - Field Term.
39-2700-1	SPRING - Brush
42-2300	INSULATOR - Batt. Term. (1/4 ID, Red)
42-2302	INSULATOR - Batt. Term. (1/4 ID, Red)
42-2303	INSULATOR - Stator Term. (No. 10 ID, Red)
42-2304	INSULATOR - Stator Term. (No. 10 ID, Black)
42-2305	INSULATOR - Rectifier
46-2101	CAPACITOR
46-2151	STATOR TERMINAL (10-24 x 1-3/4)
46-2157	TERMINAL POST - Brush Holder
46-2161	TERMINAL POST - Ground (10-24 x 29/32 L)
46-2162	TERMINAL POST - Battery (1/4-20 x 15/16 L)
46-2300	CONNECTOR - Stator Term.
46-2601	SPACER - Fan (32mm OD x 4mm L)
46-2809	REPAIR HARNESS - Regulator
46-2809-1	REPAIR HARNESS - Regulator (OE-Style Connector)
84-1105	SCREW - Capacitor Lead (6-32 x 1/4 L, Slotted Hex, Thd. Cut.)
84-1203	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, Thd. Cut.)

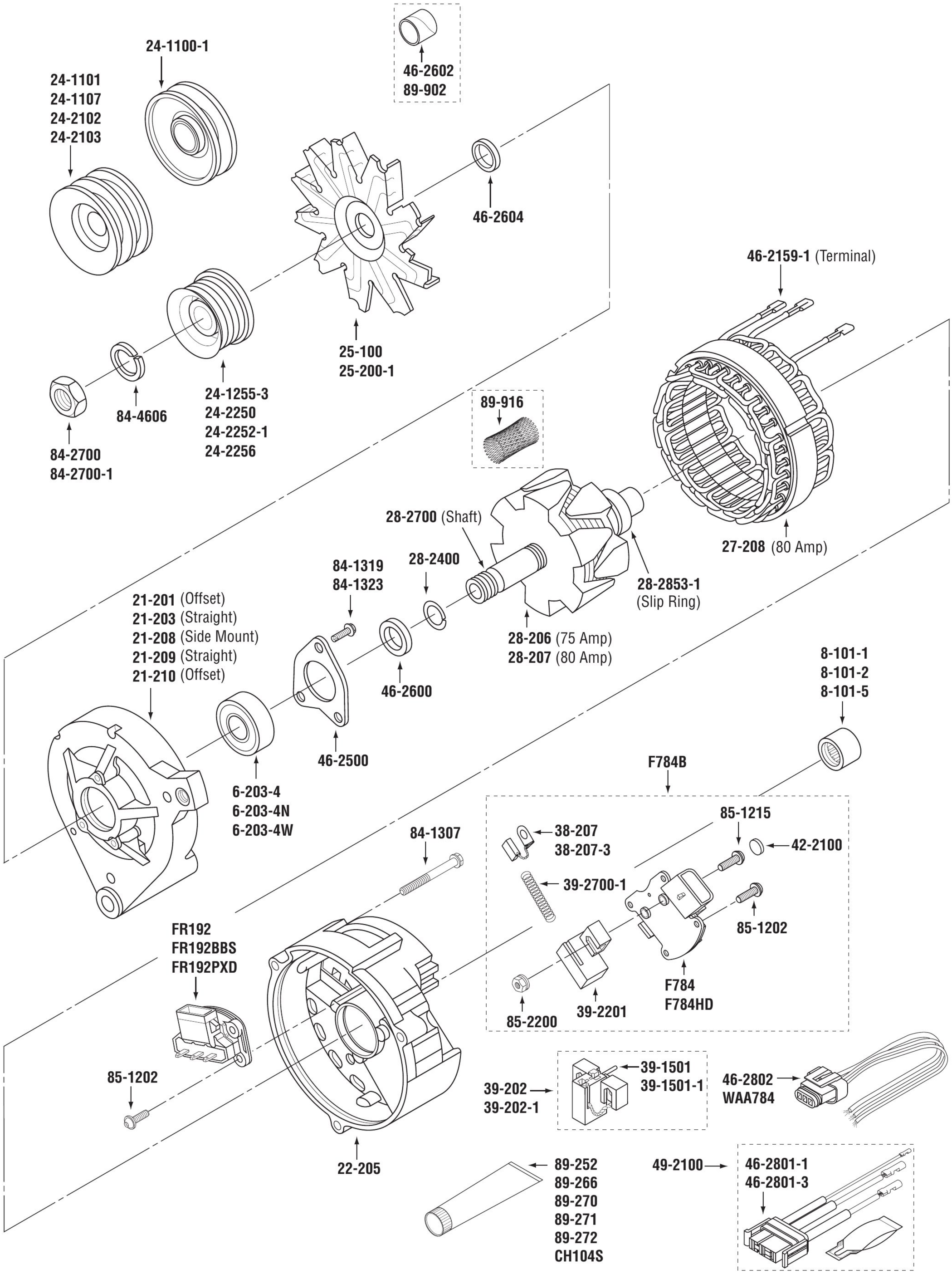
WAI No.	Description
84-1207	SCREW - Brush Holder (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1218	SCREW - Capacitor Brkt. (8-32 x 3/8 L, Hex)
84-1323	SCREW - Brg. Retainer (10-24 x 5/8 L, Hex, Thd. Cut.)
84-1406	THRU BOLT (1/4-20 x 2 L)
84-2303	HEX NUT - Fld., Grd. Term. (10-24 x 5/16 F x 1/8 T, w/ Att. Washer)
84-2304	HEX NUT - Grd. Term. (10-32 x 5/16 F x 1/8 T, w/ Att. Washer)
84-2401	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 3/16 T, w/ Att. Washer)
84-2402	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 1/8 T, w/ Att. Washer)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4304	FLAT WASHER - Brush Holder (#10 ID)
84-4310	CONICAL WASHER - Brg. Retainer (#10 ID)
84-4401	LOCK WASHER - Thru Bolt (1/4 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
84-4619	FLAT WASHER - Pulley (11/16 ID x 15/16 OD, Flat)
89-901	SPACER - Packaging
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
F540-1	REGULATOR (External, Solid State)
F540E-1	REGULATOR (External, Solid State)
F540HD	REGULATOR (External, Solid State, Adj. Volt., Heavy-Duty)
F540S-1	REGULATOR (External, Solid State)
F540SLD	REGULATOR (External, Solid State, Super Light Drive)
F540XHD	REGULATOR (External, Solid State, Heavy-Duty)
FR1280	RECTIFIER (50A Diodes, Star-shaped Heat Sinks)
FR1290-1	RECTIFIER (50A Diodes, Copper Heat Sink)
FR1292	RECTIFIER (70A Diodes, Copper Heat Sink)
FR1292B	RECTIFIER (70A Diodes, Copper Heat Sink, Threaded Stator Posts)
WAA540	TEST LEAD - Regulator

FORD 1G SERIES, TRUCK 65-90 AMP



WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
21-204	D.E. FRAME
22-203	S.R.E. FRAME
24-2500	2-GROOVE PULLEY (13mm Belts x 84mm OD)
24-2501	2-GROOVE PULLEY (10mm Belts x 78mm OD)
25-201	FAN
27-205	STATOR - 85-90A
28-2854	SLIP RING - Rotor
38-210	BRUSH - 39-204 Brush Hold., Ref# F-46 (1/2 L)
38-211	BRUSH - 39-203-3 Brush Hold., Ref# F-60 (5/8 L)
39-203-3	BRUSH HOLDER ASSY.
39-204	BRUSH HOLDER ASSY. - Early Style
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-2400	INSULATOR - Field Term.
39-2700-1	SPRING - Brush
42-2300	INSULATOR - Batt. Term. (1/4 ID, Red)
42-2304	INSULATOR - Stator Term. (No. 10 ID, Black)
46-2502	BEARING RETAINER - D.E. Frame
46-2601	SPACER - Fan (32mm OD x 4mm L)
84-1218	SCREW - Brush Holder (8-32 x 3/8 L, Hex)
84-1309	THRU BOLT (12-24 x 3 L)
84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
84-2303	HEX NUT - Rect., Brush Hold. (10-24 x 5/16 F x 1/8 T, w/ Att. Washer)
84-2401	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 3/16 T, w/ Att. Washer)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4303	LOCK WASHER - Thru Bolt (#12 ID, Ext. Tooth)
84-4304	FLAT WASHER - Brush Holder (#10 ID)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
89-901	SPACER - Packaging
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
F540-1	REGULATOR (External, Solid State)
F540E-1	REGULATOR (External, Solid State)
F540HD	REGULATOR (External, Solid State, Adj. Volt., Heavy-Duty)
F540S-1	REGULATOR (External, Solid State)
F540SLD	REGULATOR (External, Solid State, Super Light Drive)
F540XHD	REGULATOR (External, Solid State, Heavy-Duty)
FR1262-1	RECTIFIER

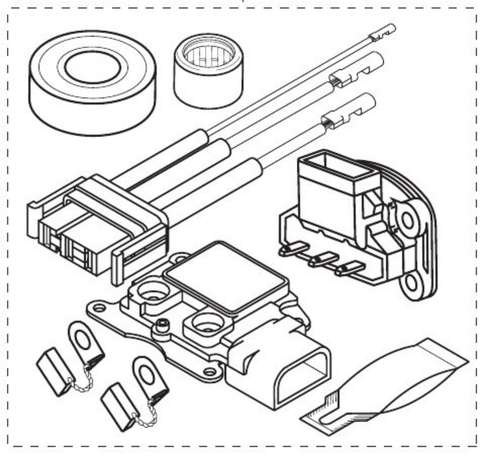
FORD 2G SERIES

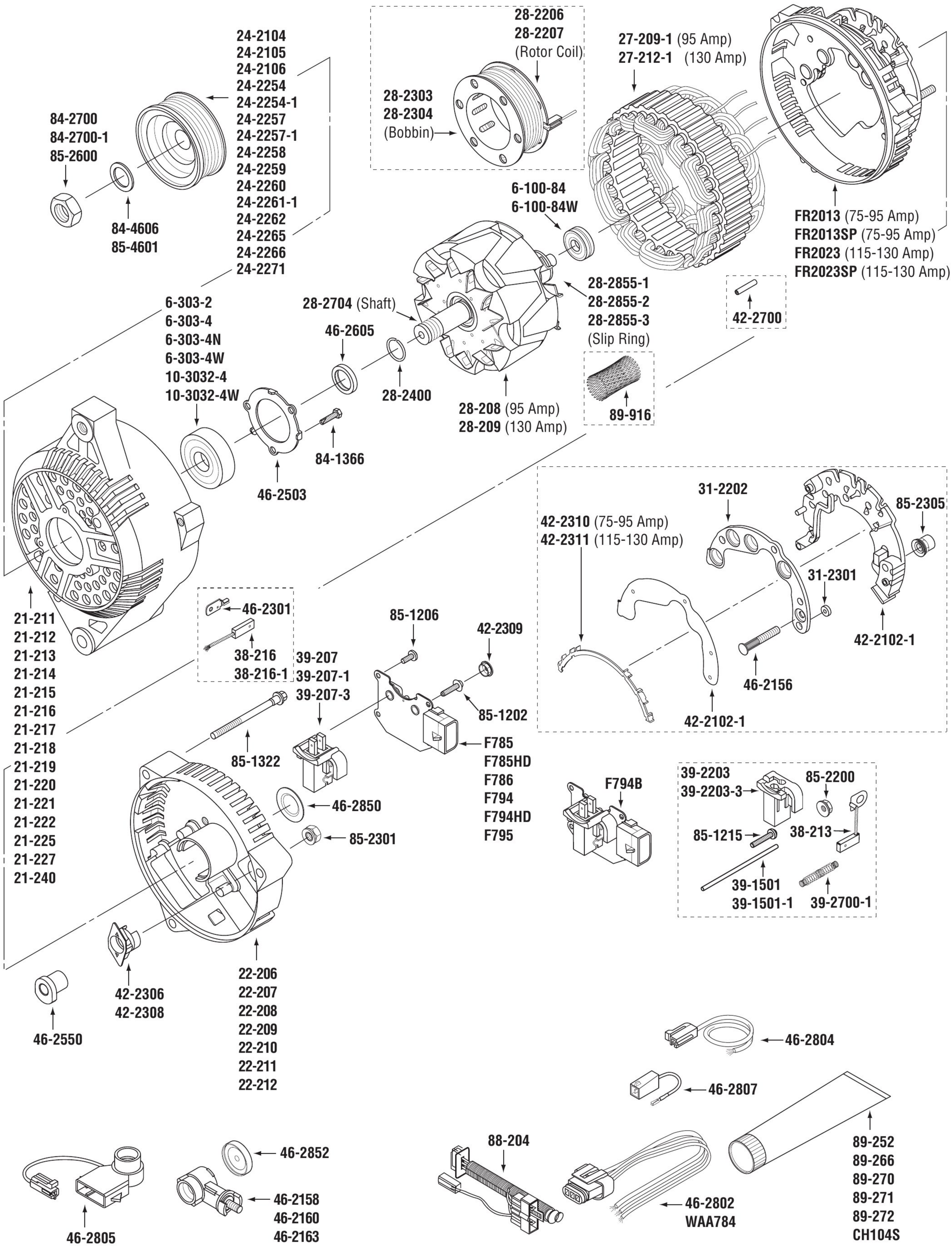


WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
21-201	D.E. FRAME - 40-75A Alts. (10:00, 3/8-16 Mtg. Ear)
21-203	D.E. FRAME - 40-75A Alts. (12:00, 3/8-16 Mtg. Ear)
21-208	D.E. FRAME - 75-80A Alts. (Side Mount)
21-209	D.E. FRAME - 80A Alts. (12:00, 3/8-16 Mtg. Ear)
21-210	D.E. FRAME - 80A Alts. (10:00, 3/8-16 Mtg. Ear)
22-205	S.R.E. FRAME
24-1100-1	1-GROOVE PULLEY - 13mm Hub to 1st Groove (10mm Belt x 67mm OD)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)
24-1107	2-GROOVE PULLEY (13mm Belts x 81mm OD)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)
24-2102	1-GROOVE PULLEY - 24.5mm Hub to 1st Groove (10mm Belts x 65mm OD)
24-2103	2-GROOVE PULLEY (10mm/13mm Belts x 85mm OD)
24-2250	5-GROOVE PULLEY (48mm OD)
24-2252-1	6-GROOVE PULLEY (49mm OD)
24-2256	6-GROOVE PULLEY (64mm OD)
25-100	FAN - (Steel)
25-200-1	FAN (Turbo Fan)
27-208	STATOR - 80A (102mm ID)
28-206	ROTOR - 75A (90.5mm OD)
28-207	ROTOR - 80A (101mm OD)
28-2400	RETAINING RING - Rotor
28-2700	SHAFT - 28-206, 28-207 Rotors
28-2853-1	SLIP RING - Rotor
38-207	BRUSH - Ref# F-64
38-207-3	BRUSH - Ref# F-64
39-202	BRUSH HOLDER ASSY.
39-202-1	BRUSH HOLDER ASSY.
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-2201	BRUSH HOLDER
39-2201-3	BRUSH HOLDER
39-2700-1	SPRING - Brush
42-2100	INSULATOR - Brush Screw

WAI No.	Description
46-2159-1	TERMINAL - Stator Lead (100/Bag)
46-2500	BEARING RETAINER - D.E. Frame
46-2600	STOP COLLAR - Rotor
46-2602	SPACER - Packaging (Metal)
46-2604	SPACER - Fan (25.4mm OD x 3.9mm L)
46-2801-1	REPAIR HARNESS - Rectifier
46-2801-3	REPAIR HARNESS - Rectifier (Mfd. by OE Supplier)
46-2802	REPAIR HARNESS - Regulator
49-2100	REPAIR HARNESS - Rectifier, w/ Instructions (Mfd. by OE Supplier)
49-2101	REPAIR KIT
84-1307	THRU BOLT (10-24 x 2-1/8 L)
84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
84-1323	SCREW - Brg. Retainer (10-24 x 5/8 L, Hex, Thd. Cut.)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
85-1202	SCREW - Rectifier, Regulator (M4 x 0.7 x 17mm L, T20 Torx, Thd. Form.)
85-1215	SCREW - Brush Holder (M4 x 0.7 x 18 mm L)
85-2200	HEX NUT - Brush Holder (M4 x 0.7 x 9mm F x 4mm T, w/ Att. Washer)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-266	DIELECTRIC GREASE - Regulator Term. Connection (5 oz Tube)
89-270	DIELECTRIC GREASE - Regulator Term. Connection (Gel Capsule)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-902	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
F784	REGULATOR (Black)
F784B	REGULATOR / BRUSH HOLDER ASSY. w/ 39-202 BH Assy., F784 Regulator (Black)
F784HD	REGULATOR (Black, Heavy Duty)
FR192	RECTIFIER (25A Diodes)
FR192BBS	RECTIFIER (50A w/ Integral BBS Pigtail Leads)
FR192PXD	RECTIFIER (50A Press-Fit Diodes, Heavy Duty)
WAA784	TEST LEAD - Regulator

49-2101

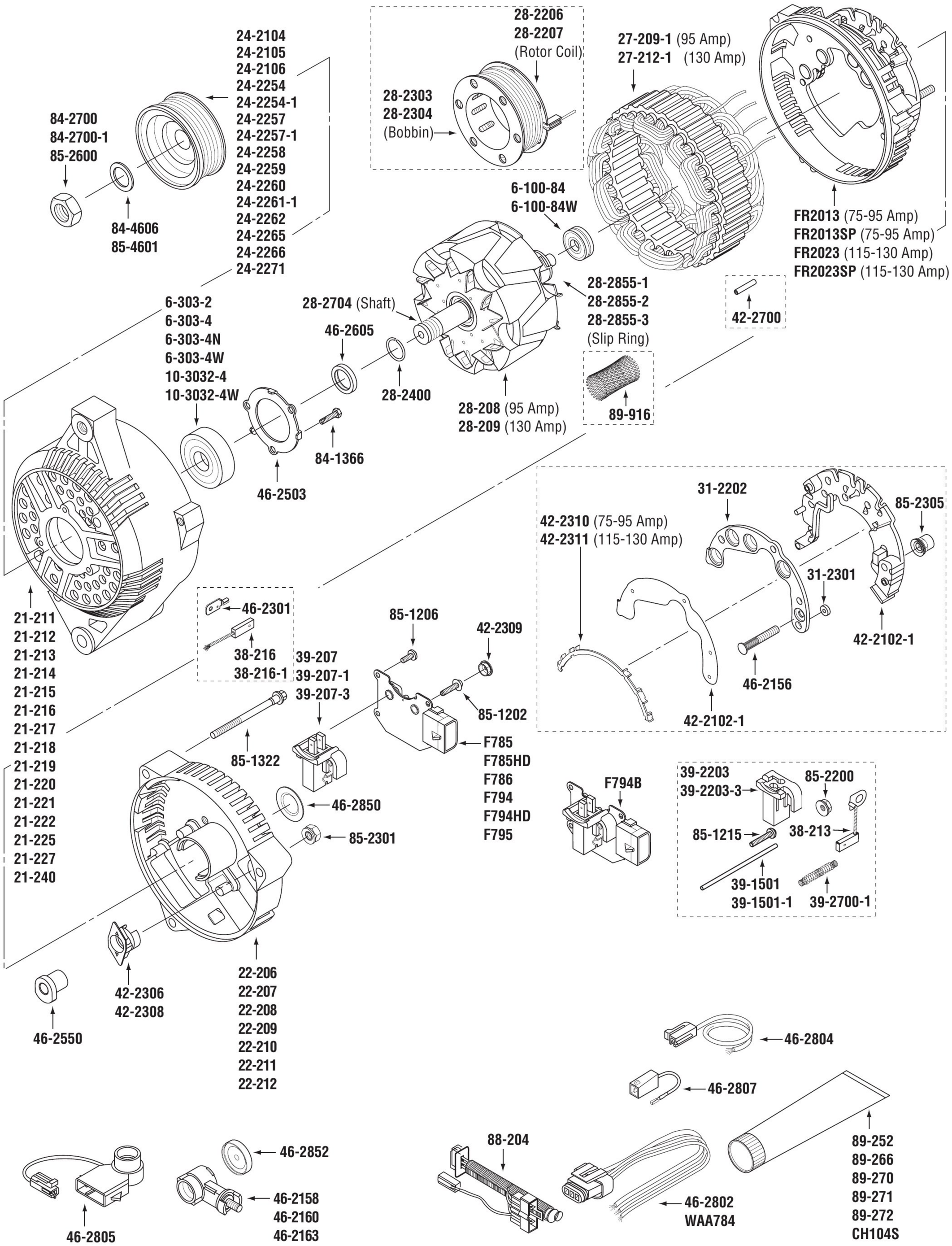



24-2104
24-2105
24-2106
24-2254
24-2254-1
24-2257
24-2257-1
24-2258
24-2259
24-2260
24-2261-1
24-2262
24-2265
24-2266
24-2271
84-2700
84-2700-1
85-2600
84-4606
85-4601
28-2206
28-2207
(Rotor Coil)
28-2303
28-2304
(Bobbin)
27-209-1 (95 Amp)
27-212-1 (130 Amp)
FR2013 (75-95 Amp)
FR2013SP (75-95 Amp)
FR2023 (115-130 Amp)
FR2023SP (115-130 Amp)
6-100-84
6-100-84W
28-2855-1
28-2855-2
28-2855-3
(Slip Ring)
42-2700
28-2704 (Shaft)
46-2605
28-2400
28-208 (95 Amp)
28-209 (130 Amp)
89-916
6-303-2
6-303-4
6-303-4N
6-303-4W
10-3032-4
10-3032-4W
84-1366
46-2503
21-211
21-212
21-213
21-214
21-215
21-216
21-217
21-218
21-219
21-220
21-221
21-222
21-225
21-227
21-240
42-2310 (75-95 Amp)
42-2311 (115-130 Amp)
31-2202
85-2305
31-2301
42-2102-1
46-2156
42-2102-1
46-2301
38-216
38-216-1
39-207
39-207-1
39-207-3
85-1206
42-2309
85-1202
85-1322
F785
F785HD
F786
F794
F794HD
F795
F794B
46-2850
85-2301
39-2203
39-2203-3
85-2200
85-1215
38-213
39-1501
39-1501-1
39-2700-1
42-2306
42-2308
46-2550
22-206
22-207
22-208
22-209
22-210
22-211
22-212
46-2804
46-2807
88-204
46-2802
WAA784
89-252
89-266
89-270
89-271
89-272
CH104S
46-2805
46-2852
46-2158
46-2160
46-2163

WAI No.	Description
6-100-84	BALL BEARING - S.R.E. (Dbl. Sealed w/ Tolerance Rings)
6-100-84W	BALL BEARING - S.R.E. (Dbl. Sealed w/ Tolerance Rings, WBD)
6-303-2	BALL BEARING - D.E. (Dbl. Shielded)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
10-3032-4	BALL BEARING - D.E., used w/ 21-225 (Dbl. Sealed, 24mm Wide)
10-3032-4W	BALL BEARING - D.E., used w/ 21-225 (Dbl. Sealed, 24mm Wide, WBD)
21-211	D.E. FRAME (10:00, M8 x 1.25 Mtg. Ear, 135mm Frame OD)
21-212	D.E. FRAME (12:00, M8 x 1.25 Mtg. Ear, 135mm Frame OD)
21-213	D.E. FRAME (Side Mount, 135mm Frame OD)
21-214	D.E. FRAME (12:00, M8 x 1.25 Mtg. Ear, 135mm Frame OD)
21-215	D.E. FRAME (12:00, M8 x 1.25 Mtg. Ear, 148mm Frame OD)
21-216	D.E. FRAME (V-Shaped Feet, 135mm Frame OD)
21-217	D.E. FRAME (V-Shaped Feet, 148mm Frame OD)
21-218	D.E. FRAME (Side Mount, 148mm Frame OD)
21-219	D.E. FRAME (12:00, 10mm Mtg. Ear, 148mm Frame OD)
21-220	D.E. FRAME (12:00, M8 x 1.25 Mtg. Ear, 148mm Frame OD)
21-221	D.E. FRAME (10:00, 10mm Mtg. Ear, 148mm Frame OD)
21-222	D.E. FRAME (2:00, 11mm Mtg. Ear, 148mm Frame OD)
21-225	D.E. FRAME - Use w/ 10-3032-4 Brg. (12:00, M8 x 1.25 Mtg. Ear, 135mm Frame OD)
21-227	D.E. FRAME (12:00, 8mm Mtg. Ear, 135mm Frame OD)
21-240	D.E. FRAME (V-Shaped Feet, 148mm Frame OD)
22-206	S.R.E. FRAME (135mm Frame OD)
22-207	S.R.E. FRAME (135mm Frame OD, M10 x 1.50 Mtg. Foot)
22-208	S.R.E. FRAME (148mm Frame OD)
22-209	S.R.E. FRAME (135mm Frame OD, M6 x 1.0 Mtg. Hole)
22-210	S.R.E. FRAME (148mm Frame OD, M6 x 1.0 Mtg. Hole)
22-211	S.R.E. FRAME (148mm Frame OD, M10 x 1.5 Mtg. Foot)
22-212	S.R.E. FRAME (148mm Frame OD, 10mm Mtg. Foot)
24-2104	1-GROOVE PULLEY (10mm Belt x 76mm OD)
24-2105	2-GROOVE PULLEY (10mm/13mm Belts x 73mm OD)
24-2106	2-GROOVE PULLEY (13mm Belts x 75mm OD)
24-2254	6-GROOVE PULLEY - wo/ Recess for D.E. Frame wo/ Raised Collar (57mm OD)
24-2254-1	6-GROOVE PULLEY - w/ Recess for D.E. Frame w/ Raised Collar (55mm OD)
24-2257	6-GROOVE PULLEY - wo/ Recess for D.E. Frame wo/ Raised Collar (66mm OD)
24-2257-1	6-GROOVE PULLEY - w/ Recess for D.E. Frame w/ Raised Collar (66mm OD)
24-2258	7-GROOVE PULLEY (58mm OD)
24-2259	5-GROOVE PULLEY (57mm OD)
24-2260	8-GROOVE PULLEY (69mm OD)
24-2261-1	8-GROOVE PULLEY - w/ Recess for D.E. Frame w/ Raised Collar (64mm OD)
24-2262	7-GROOVE PULLEY (64mm OD)
24-2265	8-GROOVE PULLEY - Used w/ 21-225 D.E. Frame (68mm OD)
24-2266	8-GROOVE PULLEY (58mm OD)
24-2271	6-GROOVE PULLEY (48mm OD)

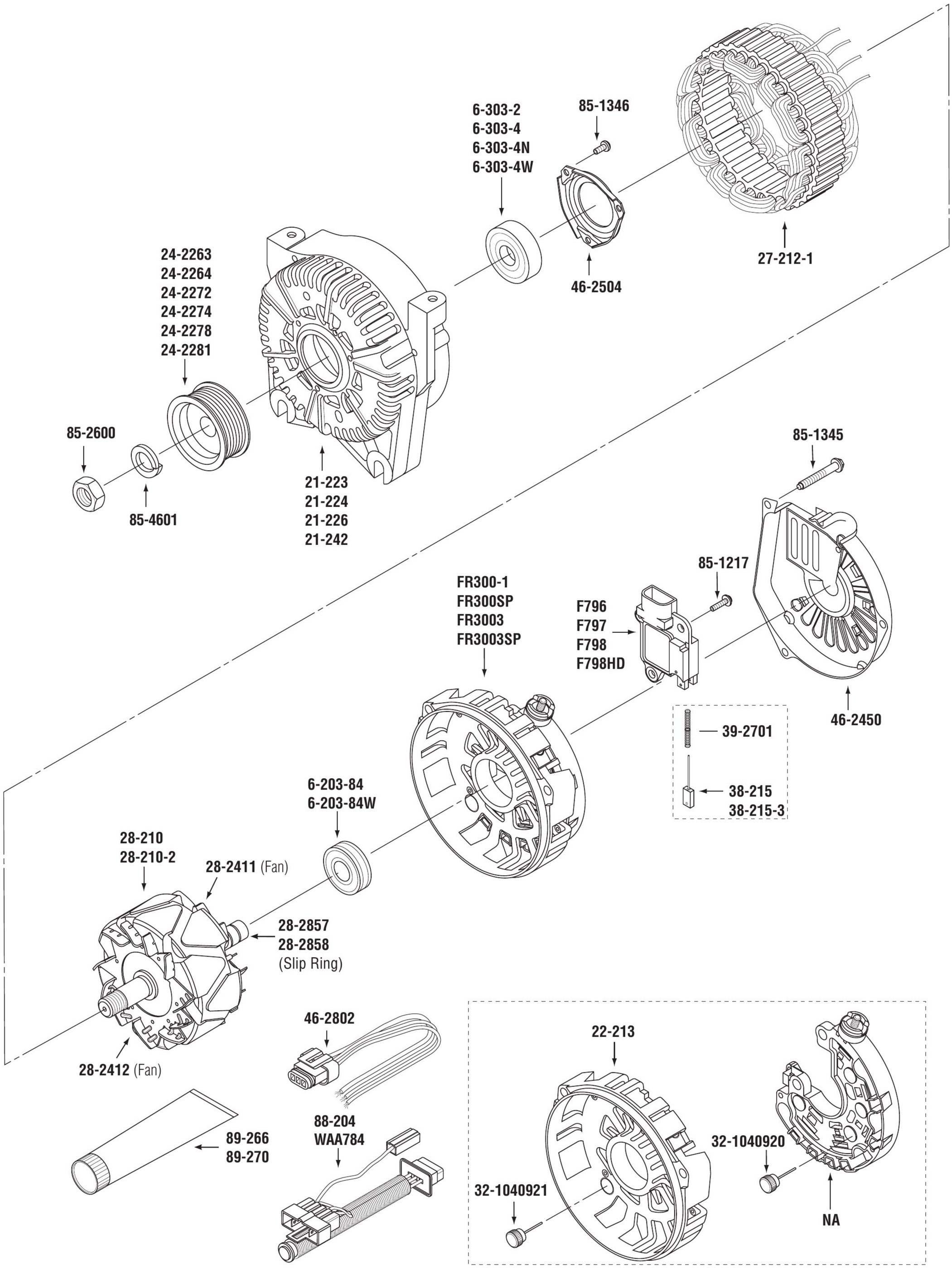
WAI No.	Description
27-209-1	STATOR - 95A (129mm Lam OD)
27-212-1	STATOR - 130A (142mm Lam OD)
28-208	ROTOR - 95A
28-209	ROTOR - 130A
28-2206	ROTOR COIL - 95A , used in 28-208 Rotor
28-2207	ROTOR COIL - 130A , used in 28-209 Rotor
28-2303	BOBBIN - 95A Rotor, used in 28-2206 Rotor Coil
28-2304	BOBBIN - 130A Rotor, used in 28-2207 Rotor Coil
28-2400	RETAINING RING - Rotor
28-2704	SHAFT - Rotor (.668-20 Shaft Threads)
28-2855-1	SLIP RING (Split Slip Ring, Straight Leads)
28-2855-2	SLIP RING (Split Slip Ring, U-Shaped Leads)
28-2855-3	SLIP RING (Split Slip Ring, Extra Long Straight Leads)
31-2202	POSITIVE HEAT SINK - Rectifier
31-2301	INSULATOR - Rectifier
38-213	BRUSH - 1st Design Brush Holder Assy. wo/ Epoxied Leads
38-216	BRUSH - 2nd Design Brush Holder Assy. w/ Epoxied Leads
38-216-1	BRUSH - 2nd Design Brush Holder Assy. w/ Epoxied Leads
39-207	BRUSH HOLDER ASSY. - 2nd Design w/ Epoxied Brush Leads, Mfd. by OE Supplier
39-207-1	BRUSH HOLDER ASSY. - 2nd Design w/ Epoxied Brush Leads, Mfd. by WAI
39-207-3	BRUSH HOLDER ASSY. - 2nd Design w/ Epoxied Brush Leads, Mfd. by WAI
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-2203	BRUSH HOLDER - 1st Design wo/ Epoxied Brush Leads
39-2203-3	BRUSH HOLDER - 1st Design wo/ Epoxied Brush Leads
39-2700-1	SPRING - Brush
42-2102-1	INSULATOR - Rectifier
42-2306	INSULATOR - Batt. Term. (1st Design)
42-2308	INSULATOR - Batt. Term. (2nd Design, w/ Flange)
42-2309	CAP - Regulator Term.
42-2310	INSULATOR - Stator Leads, used w/ 133mm Dia. Heat Sink
42-2311	INSULATOR - Stator Leads, used w/ 146mm Dia. Heat Sink
42-2700	INSULATOR - Stator Leads (25mm L)
46-2156	BATTERY TERMINAL
46-2158	BATTERY TERMINAL (M6 x 1.0 x 60mm OAL, Red)
46-2160	BATTERY TERMINAL (M6 x 1.0 x 63mm OAL, White)
46-2163	BATTERY TERMINAL (M6 x 1.0 x 61mm OAL, Black)
46-2301	TERMINAL - Brush Lead, Used in 2nd Design Brush Holder w/ Epoxied Leads
46-2503	BEARING RETAINER - D.E. Frame w/ 6303 Brg.
46-2550	MOUNTING BUSHING - S.R.E. Frame (M10 x 1.5 Internal Thds.)
46-2605	STOP COLLAR - Rotor
46-2802	REPAIR HARNESS - Regulator (D-Shaped Plug)
46-2804	REPAIR HARNESS - Stator Term.
46-2805	TERMINAL ADAPTER - Converts Ford 3G to replace Mitsubishi used on Ford Taurus, Tempo, Topaz
46-2807	REPAIR PLUG - Rectifier, used to repair broken Stator Terminal on Rectifier
46-2850	BEARING COVER PLUG - S.R.E. Frame
46-2852	CAP - Batt. Term. Extension
84-1366	SCREW - Brg. Retainer (10-24 x 5/8 L, Hex, Thd. Cut.)
84-2700	HEX NUT - Pulley, w/ 1st Design Rotor (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley, w/ 1st Design Rotor (.668-20 x 15/16 F x 7/16 T)
84-4606	LOCK WASHER - Pulley, w/ 1st Design Rotor (11/16 ID, Split)

FORD 3G SERIES (cont'd.)



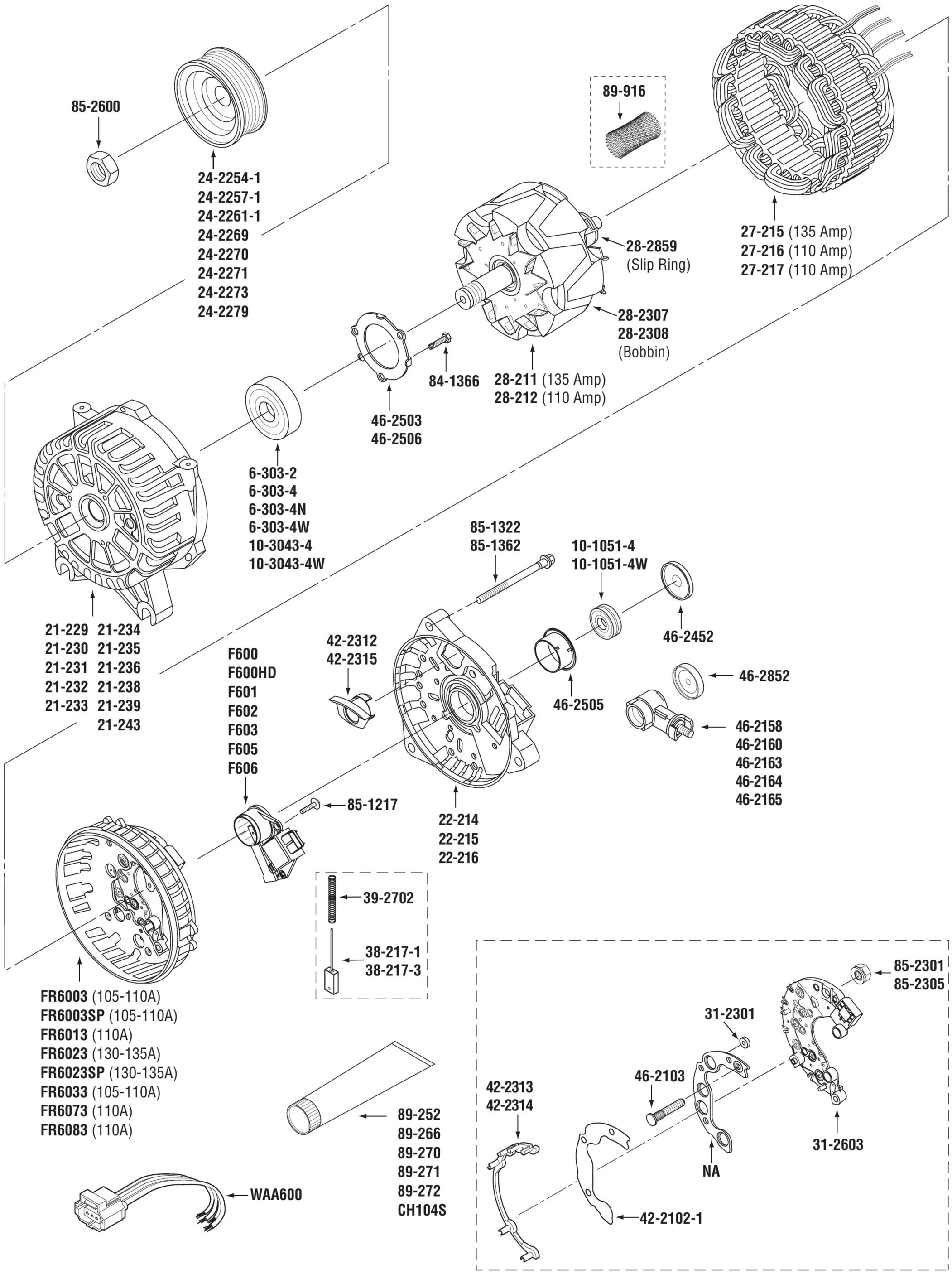
WAI No.	Description
85-1202	SCREW - Used w/ 2nd Design Brush Holder w/ Epoxied Leads (M4 x 0.7 x 17mm L, T20 Torx, Thd. Form.)
85-1206	SCREW - Regulator (M4 x 0.7 x 9.5mm L, T20 Torx, Thd. Form.)
85-1215	SCREW - Used w/ 1st Design Brush Holder wo/ Epoxied Leads (M4 x 0.7 x 18 mm L)
85-1322	THRU BOLT (M6 x 1.0 x 71mm L)
85-2200	HEX NUT - Used w/ 1st Design Brush Holder wo/ Epoxied Leads (M4 x 0.7 x 9mm F x 4mm T, w/ Att. Washer)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-2305	HEX NUT - Batt. Term. (M6 x 1.0 x 12mm F x 12.8mm T, w/ Att. Washer)
85-2600	HEX NUT - Pulley w/ 2nd Design Rotor (M16 x 1.5 x 24mm F x 8mm T)
85-4601	LOCK WASHER - Pulley, w/ 2nd Design Rotor (16mm ID, Split)
88-204	TEST LEAD - Regulator (D-Shaped Plug)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-266	DIELECTRIC GREASE - Regulator Term. Connection (5 oz Tube)
89-270	DIELECTRIC GREASE - Regulator Term. Connection (Gel Capsule)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
F785	REGULATOR (Square Plug, wo/ LRC, Black)
F785HD	REGULATOR (Square Plug, wo/ LRC, Black, Heavy Duty)
F786	REGULATOR (Square Plug, LRC, White)
F794	REGULATOR (wo/ LRC, Gray)
F794B	REGULATOR / BRUSH HOLDER ASSY. - Inc. F794 Reg. & 39-207 Brush Hold.
F794HD	REGULATOR (wo/ LRC, Gray, Heavy-Duty)
F795	REGULATOR (10 sec. LRC, White)
FR2013	RECTIFIER - 75-95A Alts. (133mm Heat Sink OD, Drop-down Stator Connection)
FR2013SP	RECTIFIER - 75-95A Alts. (133mm Heat Sink OD, Hi-Output Alts.)
FR2023	RECTIFIER - 115-130A Alts. (146mm Heat Sink OD, Drop-down Stator Connection)
FR2023SP	RECTIFIER - 115-130A Alts. (146mm Heat Sink OD, Hi-Output Alts.)
WAA784	TEST LEAD - Regulator (D-Shaped Plug)

FORD 4G SERIES



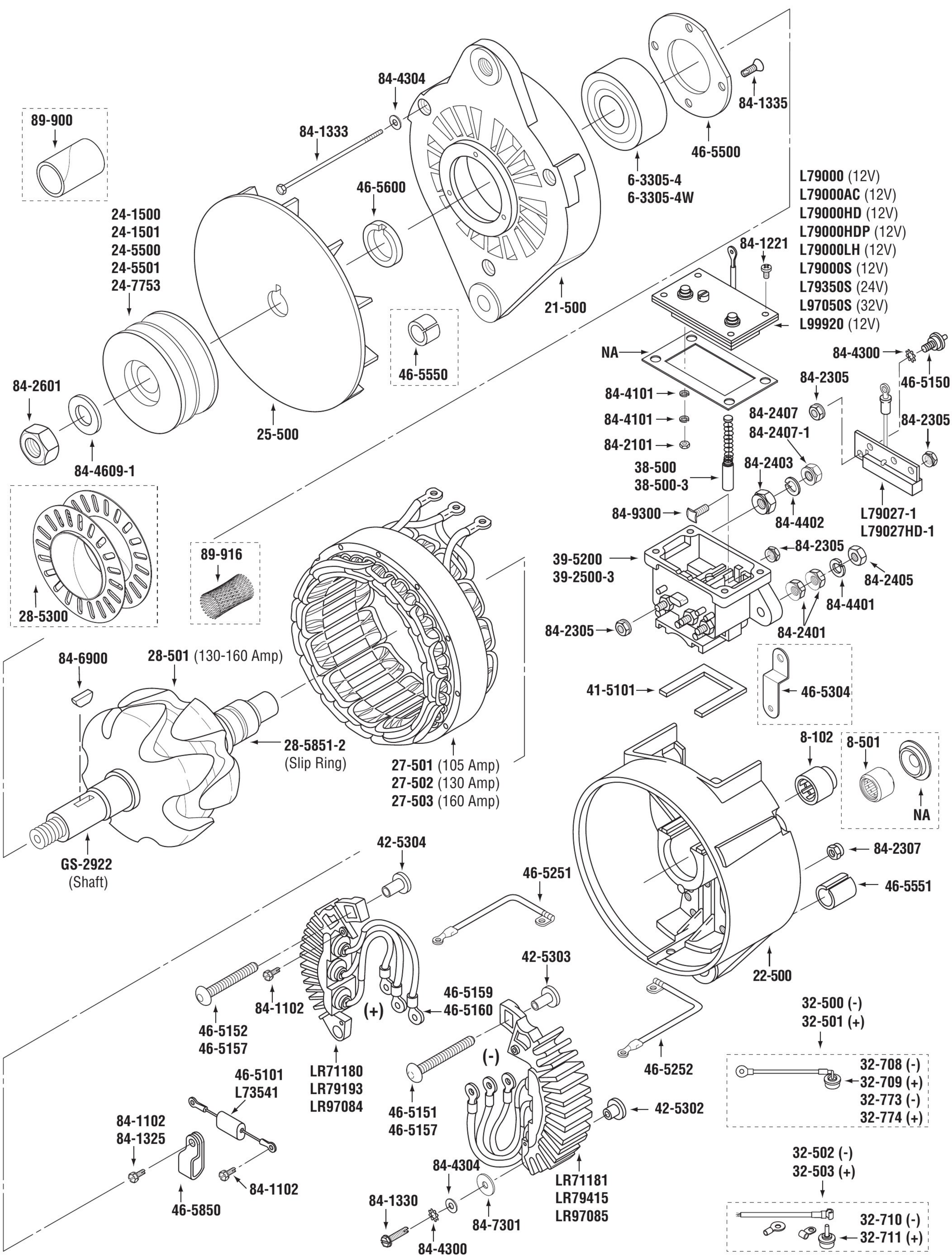
WAI No.	Description
6-203-84	BALL BEARING - S.R.E. (Dbl. Sealed w/ Plastic Tolerance Rings)
6-203-84W	BALL BEARING - S.R.E. (Dbl. Sealed w/ Plastic Tolerance Rings, WBD)
6-303-2	BALL BEARING - D.E. (Dbl. Shielded)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
21-223	D.E. FRAME (V-Shaped Feet)
21-224	D.E. FRAME (12:30 & 10:00, 10mm Mtg. Ears)
21-226	D.E. FRAME (Side Mount)
21-242	D.E. FRAME - Used w/ 24-2278 Clutch Pulley (V-Shaped Feet)
22-213	S.R.E. FRAME
24-2263	6-GROOVE PULLEY (59mm OD)
24-2264	6-GROOVE PULLEY (64mm OD)
24-2272	6-GROOVE PULLEY (52mm OD)
24-2274	6-GROOVE PULLEY (75mm OD)
24-2278	6-GROOVE PULLEY (60mm OD, w/ Overrunning Clutch)
24-2281	6-GROOVE PULLEY (53mm OD, w/ Overrunning Clutch)
27-212-1	STATOR - 130A (142mm Lam OD)
28-210	ROTOR - 130A
28-210-2	ROTOR - 130A
28-2411	FAN - Rotor, S.R.E.
28-2412	FAN - Rotor, D.E.
28-2857	SLIP RING
28-2858	REPAIR SLIP RING
32-1040920	POSITIVE DIODE (40A/300V, 1.3mm x 18.5mm, Tin Plated Lead)
32-1040921	NEGATIVE DIODE (40A/300V, 1.3mm x 24.5mm, Tin Plated Lead)
38-215	BRUSH
38-215-3	BRUSH
39-2701	BRUSH SPRING
46-2450	COVER - S.R.E. Frame
46-2504	BEARING RETAINER - D.E. Frame
46-2802	REPAIR HARNESS - Regulator
85-1217	SCREW - Regulator (M4 x 0.7 x 13mm L, T20 Torx, Thd. Form.)
85-1345	THRU BOLT (M6 x 1.0 x 41mm L)
85-1346	SCREW - Brg. Retainer (M5 x 0.8 x 10mm L, T20 Torx, Thd. Form.)
85-2600	HEX NUT - Pulley (M16 x 1.5 x 24mm F x 8mm T)
85-4601	LOCK WASHER - Pulley (16mm ID, Split)
88-204	TEST LEAD
89-266	DIELECTRIC GREASE - Regulator Term. Connection (5 oz Tube)
89-270	DIELECTRIC GREASE - Regulator Term. Connection (Gel Capsule)
F796	REGULATOR / BRUSH HOLDER ASSY. (I-D-A Terminals, 10 sec. LRC, Black)
F797	REGULATOR / BRUSH HOLDER ASSY. (LI-RC-AS Terminals, White)
F798	REGULATOR / BRUSH HOLDER ASSY. (I-D-A Terminals, wo/ LRC, Gray)
F798HD	REGULATOR / BRUSH HOLDER ASSY. (I-D-A Terminals, wo/ LRC, Gray, Heavy Duty)
FR300-1	RECTIFIER (50A Press-fit Diodes)
FR300SP	RECTIFIER (60A Press-fit Avalanche Diodes)
FR3003	RECTIFIER (50A Press-fit Diodes)
FR3003SP	RECTIFIER (60A Press-fit Avalanche Diodes)
WAA784	TEST LEAD - Regulator

FORD 6G SERIES



WAI No.	Description
6-303-2	BALL BEARING - D.E., 47mm OD (Dbl. Shielded)
6-303-4	BALL BEARING - D.E., 47mm OD (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E., 47mm OD (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E., 47mm OD (Dbl. Sealed, WBD)
10-1051-4	BALL BEARING - S.R.E. (Dbl. Sealed, wo/ Retaining Ring)
10-1051-4W	BALL BEARING - S.R.E. (Dbl. Sealed, wo/ Retaining Ring, WBD)
10-3043-4	BALL BEARING - D.E., 52mm OD (Dbl. Sealed)
10-3043-4W	BALL BEARING - D.E., 52mm OD (Dbl. Sealed)
21-229	D.E. FRAME (V-Shaped Feet, Large Frame)
21-230	D.E. FRAME (Side Mount, Small Frame)
21-231	D.E. FRAME (12:00, 10mm Mtg. Ear, Small Frame)
21-232	D.E. FRAME - Used w/ 10-3043-4 Brg. (Side Mount, Small Frame)
21-233	D.E. FRAME (10:00, 8mm Mtg. Ear, Small Frame)
21-234	D.E. FRAME (Side Mount, Large Frame)
21-235	D.E. FRAME (V-Shaped Feet, Small Frame)
21-236	D.E. FRAME - Used w/ 10-3043-4 Brg. (12:00, M8 x 1.25 Mtg. Ear, Small Frame)
21-238	D.E. FRAME (Side Mount, Small Frame)
21-239	D.E. FRAME (2:00, M10 x 1.50 Mtg. Ear, Small Frame)
21-243	D.E. FRAME (V-Shaped Feet, Large Frame)
22-214	S.R.E. FRAME (139mm Frame OD, M8 x 1.25 Mtg. Hole)
22-215	S.R.E. FRAME (130mm Frame OD, M8 x 1.25 Mtg. Hole)
22-216	S.R.E. FRAME (134mm Frame OD, M8 x 1.25 Mtg. Ear)
24-2254-1	6-GROOVE PULLEY (55mm OD)
24-2257-1	6-GROOVE PULLEY - w/ Recess for D.E. Frame w/ Raised Collar (66mm OD)
24-2261-1	8-GROOVE PULLEY - 9mm from Hub to 1st Groove (64mm OD)
24-2269	8-GROOVE PULLEY (69mm OD)
24-2270	8-GROOVE PULLEY - 6.5mm from Hub to 1st Groove (64mm OD)
24-2271	6-GROOVE PULLEY (48mm OD)
24-2273	8-GROOVE PULLEY (69mm OD)
24-2279	6-GROOVE PULLEY (60mm OD, w/ Overrunning Clutch)
27-215	STATOR - 130-135A (142mm Lam OD)
27-216	STATOR - 110A (130mm Lam OD, 2-Leads/Phase)
27-217	STATOR - 110A (130mm Lam OD, 1-Lead/Phase)
28-211	ROTOR (135A)
28-212	ROTOR (110A)
28-2307	BOBBIN - 95-110A Rotor, used in 28-212 Rotor
28-2308	BOBBIN - 130-135A Rotor, used in 28-211 Rotor
28-2859	SLIP RING
31-2301	INSULATOR - Rectifier
31-2603	CIRCUIT BOARD - Rectifier (2-Stator Leads/Phase)
38-217-1	BRUSH
38-217-3	BRUSH
39-2702	BRUSH SPRING
42-2102-1	INSULATOR - Rectifier
42-2312	INSULATOR - Batt. Term.
42-2313	INSULATOR - Stator Leads, 105-110A
42-2314	INSULATOR - Stator Leads, 135A
42-2315	INSULATOR - Batt. Term.
46-2103	BATTERY TERMINAL
46-2158	BATTERY TERMINAL (M6 x 1.0 x 60mm OAL, Red)
46-2160	BATTERY TERMINAL (M6 x 1.0 x 63mm OAL, White)
46-2163	BATTERY TERMINAL (M6 x 1.0 x 61mm OAL, Black)
46-2164	BATTERY TERMINAL (M6 x 1.0 x 63mm OAL, Gray)
46-2165	BATTERY TERMINAL (M6 x 1.0 x 54mm OAL, Green)
46-2452	COVER - S.R.E. Bearing
46-2503	BEARING RETAINER - D.E. Frame w/ 6303 Brg.
46-2505	TOLERANCE RING - S.R.E. Bearing
46-2506	BEARING RETAINER - D.E. Frame w/ 10-3043-4 Brg.
46-2852	CAP - Batt. Term.
84-1366	SCREW - Brg. Retainer (10-24 x 5/8 L, Hex, Thd. Cut.)
85-1217	SCREW - Regulator (M4 x 0.7 x 13mm L, T20 Torx, Thd. Form.)
85-1322	THRU BOLT (M6 x 1.0 x 71mm L)
85-1362	THRU BOLT (M6 x 1.0 x 71mm L w/ M5 x 1.30 x 11mm L Ext.)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-2305	HEX NUT - Batt. Term. (M6 x 1.0 x 12mm F x 12.8mm T, w/ Att. Washer)
85-2600	HEX NUT - Pulley (M16 x 1.5 x 24mm F x 8mm T)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-266	DIELECTRIC GREASE - Regulator Term. Connection (5 oz Tube)
89-270	DIELECTRIC GREASE - Regulator Term. Connection (Gel Capsule)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
F600	REGULATOR / BRUSH HOLDER ASSY. (I-D-A Terms., wo/ Soft Start, Gray w/ Gray Cover)
F600HD	REGULATOR / BRUSH HOLDER ASSY. (I-D-A Terms., wo/ Soft Start, Gray w/ Gray Cover, Heavy Duty)
F601	REGULATOR / BRUSH HOLDER ASSY. (LI-RC-AS (FR-SIG-A) Terms., White)
F602	REGULATOR / BRUSH HOLDER ASSY. (I-FR-A Terms., White w/ White Cover)
F603	REGULATOR / BRUSH HOLDER ASSY. (I-FR-A Terms., White w/ Orange Cover)
F605	REGULATOR / BRUSH HOLDER ASSY. (I-D-A Terms., Soft Start, Gray w/ Green Cover)
F606	REGULATOR / BRUSH HOLDER ASSY. (I-FR-A Terms., Black)
FR6003	RECTIFIER - 105-110A Alts. (136mm Heat Sink OD, 2-Stator Leads/Phase, Drop-down Stator Connection)
FR6003SP	RECTIFIER - 105-110A Alts. (136mm Heat Sink OD, 2-Stator Leads/Phase, Hi-Output Alts.)
FR6013	RECTIFIER - 110A Alts. (136mm Heat Sink OD, 2-Stator Leads/Phase, Drop-down Stator Connection)
FR6023	RECTIFIER - 130-135A Alts. (149mm Heat Sink OD, 2-Stator Leads/Phase, Drop-down Stator Connection)
FR6023SP	RECTIFIER - 130-135A Alts. (149mm Heat Sink OD, 2-Stator Leads/Phase, Hi-Output Alts.)
FR6033	RECTIFIER - 105-110A Alts. (136mm Heat Sink OD, 2-Stator Lead/Phase, Drop-down Stator Connection)
FR6073	RECTIFIER - 110A Alts. (136mm Heat Sink OD, 1-Stator Lead/Phase, Drop-down Stator Connection)
FR6083	RECTIFIER - 110A Alts. (136mm Heat Sink OD, 1-Stator Lead/Phase, Drop-down Stator Connection)
WAA600	REPAIR HARNESS - Regulator

LEECE-NEVILLE 2300-2800JB SERIES

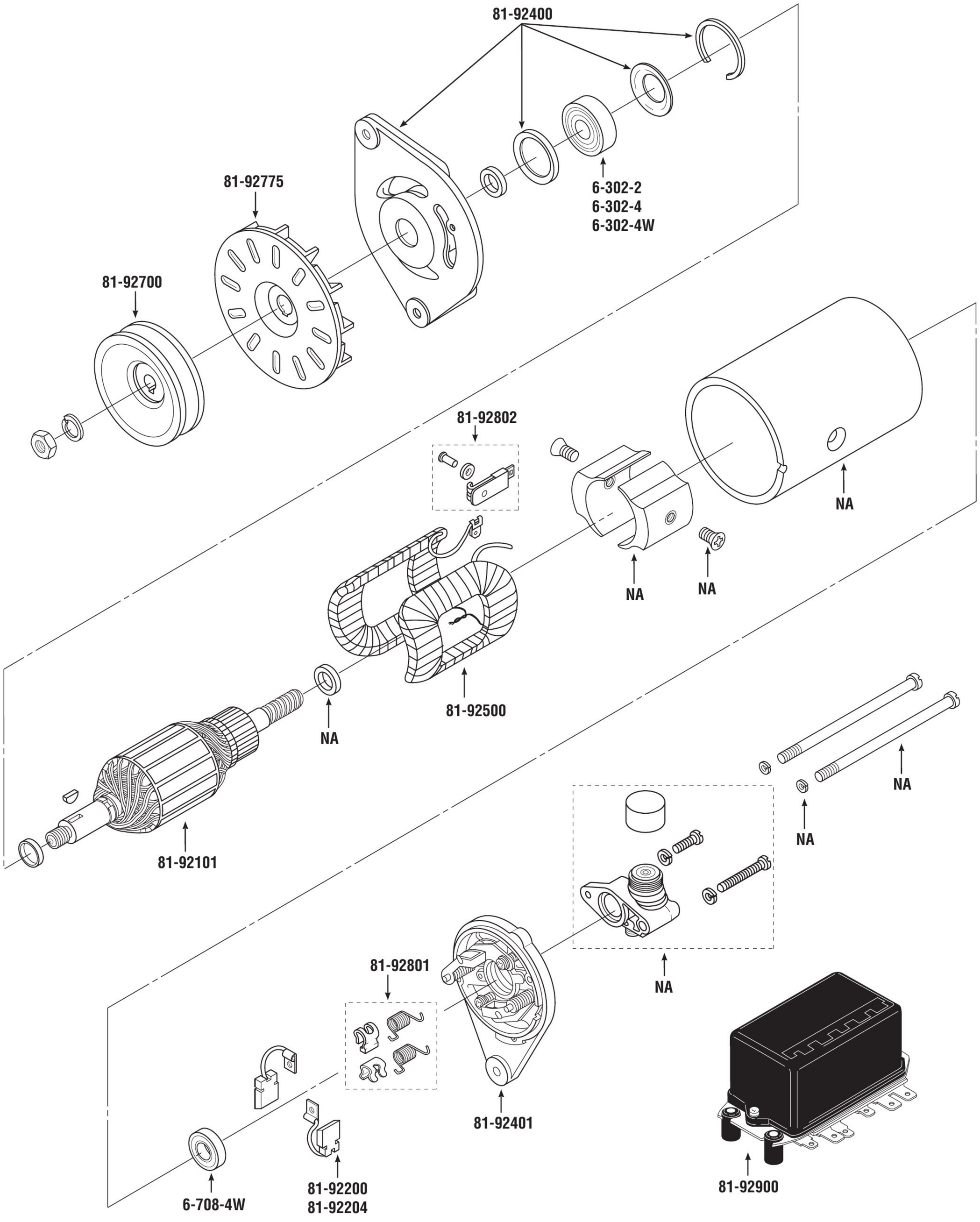


WAI No.	Description
6-3305-4	BALL BEARING - D.E., Ref# W6305 (Dbl. Sealed)
6-3305-4W	BALL BEARING - D.E., Ref# W6305 (Dbl. Sealed, WBD)
8-102	NEEDLE BEARING - S.R.E. (Closed End)
8-501	NEEDLE BEARING - S.R.E. (Open End)
21-500	D.E. FRAME
22-500	S.R.E. FRAME - 2300-2700JB
24-1500	2-GROOVE PULLEY - 14mm Hub to 1st Groove (79mm OD w/ Keyway)
24-1501	2-GROOVE PULLEY - Cummins No. 213326, 33.5mm Hub to 1st Groove (89mm OD w/ Keyway)
24-5500	2-GROOVE PULLEY - Mack No. 302GC2295 (113mm OD w/ Keyway)
24-5501	3-GROOVE PULLEY - Mack No. 310GC273 (13mm Belts x 108mm OD w/ Keyway)
24-7753	2-GROOVE PULLEY - 9.5mm Hub to 1st Groove (82mm OD w/ Keyway)
25-500	FAN
27-501	STATOR - 105A
27-502	STATOR - 130A
27-503	STATOR - 160A
28-501	ROTOR - 130-160A/12V
28-5300	BOBBIN - Rotor
28-5851-2	SLIP RING - Rotor
32-500	NEGATIVE DIODE ASSY. (35A/100V)
32-501	POSITIVE DIODE ASSY. (35A/100V)
32-502	NEGATIVE DIODE ASSY. (50A/200V)
32-503	POSITIVE DIODE ASSY. (50A/200V)
32-708	NEGATIVE DIODE (35A, 1/2 Press-Fit)
32-709	POSITIVE DIODE (35A, 1/2 Press-Fit)
32-710	NEGATIVE DIODE (50A, 1/2 Press-Fit)
32-711	POSITIVE DIODE (50A, 1/2 Press-Fit)
32-773	NEGATIVE DIODE (35A, 1/2 Press-Fit)
32-774	POSITIVE DIODE (35A, 1/2 Press-Fit)
38-500	BRUSH - Ref# L-84
38-500-3	BRUSH - Ref# L-84
39-5200	BRUSH HOLDER
39-5200-3	BRUSH HOLDER
41-5101	GASKET - Brush Holder
42-5302	INSULATOR - Rectifier
42-5303	INSULATOR - Neg. Term.
42-5304	INSULATOR - Pos. Term.
46-5101	CAPACITOR - Late Style
46-5150	RELAY TERMINAL
46-5151	TERMINAL POST - Neg. (1/4-20 x 2-1/2)
46-5152	TERMINAL POST - Pos. (5/16-18 x 2-1/2)
46-5157	TERMINAL POST - 2800JB Alt. (5/16-18 x 3-7/16 L)
46-5159	CONNECTOR - Diode Wire Lead (Straight)
46-5160	CONNECTOR - Diode Wire Lead (Angle)
46-5251	WIRE LEAD - Pos. Rectifier to Reg. (Red)
46-5252	WIRE LEAD - Neg. Rectifier to Reg. (Black)
46-5304	CONNECTOR - Neg. Term. to Ground
46-5500	BEARING RETAINER - D.E. Frame
46-5550	REPAIR BUSHING - D.E. Frame Mtg. Foot
46-5551	MOUNTING BUSHING - S.R.E. Frame
46-5600	SPACER - Fan (34.7mm OD x 5mm L)
46-5850	BRACKET - Capacitor
84-1102	SCREW - Rectifier, Capacitor (6-32 x 3/8 L, Hex, Thd. Cut.)
84-1221	SCREW - Regulator (8-32 x 5/16 L, Phillips)
84-1325	SCREW - Capacitor Brkt. (10-32 x 3/8 L, Slotted Hex, Thd. Cut.)

WAI No.	Description
84-1330	SCREW - Rectifier (10-32 x 7/8 L, Slotted Hex, Thd. Cut.)
84-1333	THRU BOLT (10-32 x 5-3/8 L)
84-1335	SCREW - Brg. Retainer (10-32 x 5/8 L, Phillips, Thd. Cut.)
84-2101	HEX NUT - Regulator (6-32 x 5/16 F x 1/8 T)
84-2305	HEX NUT - Terminal Block, Diode Trio (10-32 x 3/8 F x 1/8 T, w/ Att. Washer)
84-2307	HEX NUT - Thru Bolt (10-32 x 3/8 F x 1/4 T, Nylon Lock)
84-2401	HEX NUT - Neg. Term. (1/4-20 x 7/16 F x 3/16 T, w/ Att. Washer)
84-2403	HEX NUT - Pos. Term. (5/16-18 x 9/16 F x 1/4 T, w/ Att. Washer)
84-2405	HEX NUT - Neg. Term. (1/4-20 x 7/16 F x 7/32 T)
84-2407	HEX NUT - Pos. Term. (5/16-18 x 1/2 F x 3/16 T, Zinc Plated)
84-2407-1	HEX NUT - Pos. Term. (5/16-18 x 1/2 F x 1/4 T, Zinc Plated)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4101	LOCK WASHER - Regulator (#6 ID, Split)
84-4300	LOCK WASHER - Rectifier, Relay Terminal (#10 ID, Ext. Tooth)
84-4304	FLAT WASHER - Rectifier, Thru-bolt (#10 ID)
84-4401	LOCK WASHER - Neg. Term. (1/4 ID, Split)
84-4402	LOCK WASHER - Pos. Term. (5/16 ID, Split)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-6900	WOODRUFF KEY - Rotor (5/32 W x 3/4 Dia. x .3 H)
84-7301	INSULATING WASHER - Rectifier (#10 ID)
84-9300	STUD - Brush Holder (10-32 x 5/8 L)
89-900	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
GS-2922	SHAFT - Rotor
L73541	CAPACITOR - Early Style
L79000	REGULATOR - 12V (Trio Activated, wo/ Finned Case)
L79000AC	REGULATOR - 12V (Stator Activated, Finned Case)
L79000HD	REGULATOR - 12V (Trio Activated, Finned Case, Heavy-Duty)
L79000HDP	REGULATOR - 12V (Trio Activated, Finned Case, Heavy-Duty)
L79000LH	REGULATOR - 12V (Trio or Stator Activated, Finned Case, OE Compliant)
L79000S	REGULATOR - 12V (Trio Activated, Finned Case)
L79027-1	DIODE TRIO
L79027HD-1	DIODE TRIO (Heavy Duty)
L79350S	REGULATOR - 24V
L97050S	REGULATOR - 32V
L99920	REGULATOR - 12V (Dual Stator Leads for 2505JB, 2706JB, 2808JB, 2819JB)
LR71180	POSITIVE RECTIFIER - 65-105A Alts. (35A Diodes, 25mm Thk. Heat Sink)
LR71181	NEGATIVE RECTIFIER - 65-105A Alts. (35A Diodes, 25mm Thk. Heat Sink)
LR79193	POSITIVE RECTIFIER - 130A Alts. (50A Diodes, 25mm Thk. Heat Sink)
LR79415	NEGATIVE RECTIFIER - 130A Alts. (50A Diodes, 25mm Thk. Heat Sink)
LR97084	POSITIVE RECTIFIER - 145-160A Alts. (50A Diodes, 43mm Thk. Heat Sink)
LR97085	NEGATIVE RECTIFIER - 145-160 Alts. (50A Diodes, 43mm Thk. Heat Sink)

LUCAS C40T GENERATOR FOR TRACTOR

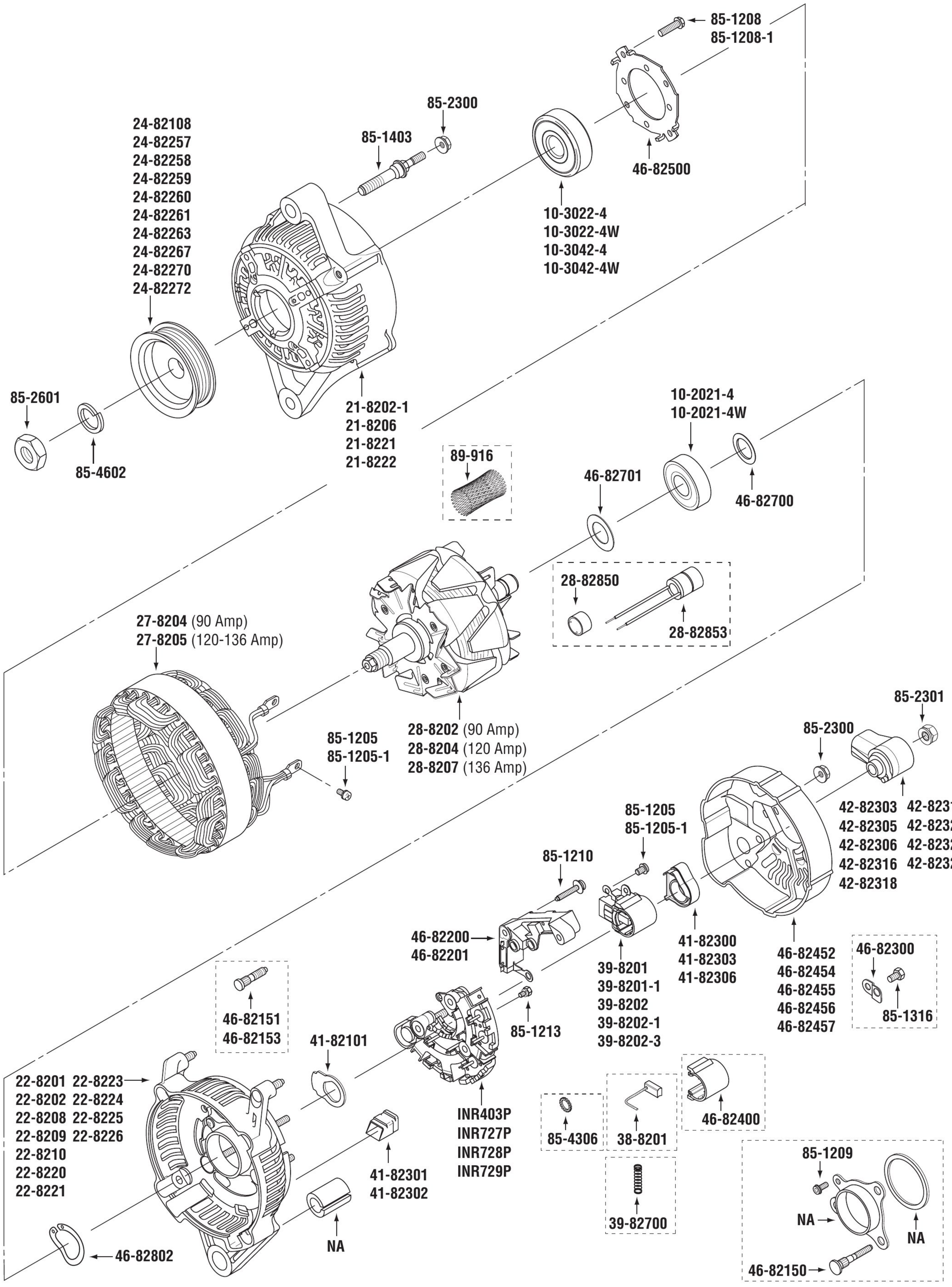
LUCAS C40T GENERATOR FOR TRACTOR



WAI No.	Description
6-302-2	BALL BEARING - D.E. (Dbl. Shielded)
6-302-4	BALL BEARING - D.E. (Dbl. Sealed)
6-302-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
6-708-4W	BALL BEARING - C.E. (Dbl. Sealed, WBD)
81-92101	ARMATURE
81-92200	BRUSH (5.5mm T x 17mm W x 23mm L)
81-92204	BRUSH (5.5mm T x 19mm W x 18.5mm L)
81-92400	D.E. FRAME
81-92401	C.E. FRAME
81-92500	FIELD COIL
81-92700	1-GROOVE PULLEY (13mm Belt x 89mm OD x 15mm Bore w/ Keyway)
81-92775	FAN (15mm ID x 127mm OD w/ Keyway)
81-92801	BRUSH SPRING KIT
81-92802	TERMINAL KIT - Field Coil
81-92900	REGULATOR (12V, B-Circuit)

LUCAS C40T GENERATOR FOR TRACTOR

NIPPONDENSO 90, 120 AMP FOR CHRYSLER

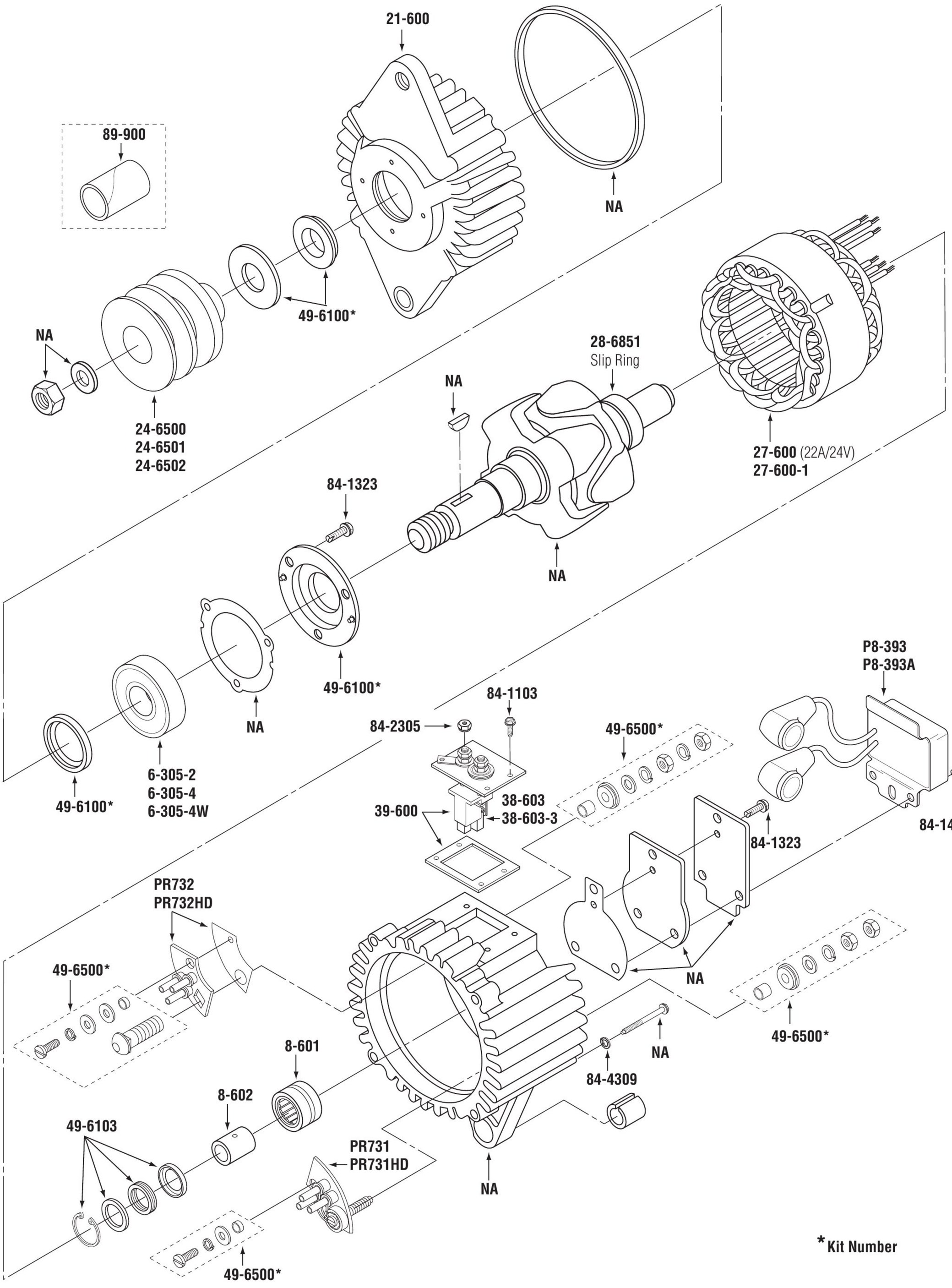


NIPPONDENSO 90, 120 AMP FOR CHRYSLER

WAI No.	Description
10-2021-4	BALL BEARING - S.R.E. (Dbl. Sealed)
10-2021-4W	BALL BEARING - S.R.E. (Dbl. Sealed, WBD)
10-3022-4	BALL BEARING - D.E. (Dbl. Sealed)
10-3022-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
10-3042-4	BALL BEARING - D.E. (Dbl. Sealed)
10-3042-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
21-8202-1	D.E. FRAME (11mm Ear, 118mm Stator Bore)
21-8206	D.E. FRAME (11mm Ear, 130mm Stator Bore)
21-8221	D.E. FRAME (M10 x 1.50mm Ear, 130mm Stator Bore)
21-8222	D.E. FRAME (11mm Ear, 130mm Stator Bore)
22-8201	S.R.E. FRAME (118mm Stator Bore, 5mm Mtg. Arm Studs)
22-8202	S.R.E. FRAME (118mm Stator Bore, 6mm Mtg. Arm Studs)
22-8208	S.R.E. FRAME (118mm Stator Bore, wo/ Mtg. Arm Studs)
22-8209	S.R.E. FRAME (130mm Stator Bore, 5mm Mtg. Arm Studs)
22-8210	S.R.E. FRAME (130mm Stator Bore, 6mm Mtg. Arm Studs)
22-8220	S.R.E. FRAME (121mm Stator Bore, 10mm Mtg. Foot Hole)
22-8221	S.R.E. FRAME (121mm Stator Bore, 10mm Mtg. Foot Hole)
22-8223	S.R.E. FRAME (121mm Stator Bore, 10mm Mtg. Foot Hole)
22-8224	S.R.E. FRAME (133mm Stator Bore, 10mm Mtg. Foot Hole)
22-8225	S.R.E. FRAME (133mm Stator Bore, M10 x 1.25 Mtg. Foot Hole)
22-8226	S.R.E. FRAME (133mm Stator Bore, M10 x 1.25 Mtg. Foot Hole)
24-82108	2-GROOVE PULLEY (74mm OD x 17mm Bore)
24-82257	5-GROOVE PULLEY (66mm OD x 15mm Bore)
24-82258	4-GROOVE PULLEY (65mm OD x 17mm Bore)
24-82259	5-GROOVE PULLEY (65mm OD x 17mm Bore)
24-82260	6-GROOVE PULLEY (65mm OD x 17mm Bore)
24-82261	8-GROOVE PULLEY (65mm OD x 17mm Bore)
24-82263	6-GROOVE PULLEY (57mm OD x 17mm Bore)
24-82267	7-GROOVE PULLEY (65mm OD x 17mm Bore)
24-82270	8-GROOVE PULLEY (60mm OD x 17mm Bore)
24-82272	6-GROOVE PULLEY (57mm OD x 17mm Bore)
27-8204	STATOR - 90A (118mm OD)
27-8205	STATOR - 120A (130mm OD)
28-8202	ROTOR - 90A
28-8204	ROTOR - 120A
28-8207	ROTOR - 136A
28-82850	REPAIR SLIP RING
28-82853	SLIP RING - Rotor (w/ Leads)
38-8201	BRUSH
39-8201	BRUSH HOLDER ASSY. - Alts. w/ 15mm Rotor Shaft
39-8201-1	BRUSH HOLDER ASSY. - Alts. w/ 15mm Rotor Shaft
39-8202	BRUSH HOLDER ASSY. - Alts. w/ 17mm Rotor Shaft (w/ 46-82400 Cover)
39-8202-1	BRUSH HOLDER ASSY. - Alts. w/ 17mm Rotor Shaft (w/ 46-82400 Cover)
39-8202-3	BRUSH HOLDER ASSY. - Alts. w/ 17mm Rotor Shaft (w/ 46-82400 Cover)
39-82700	BRUSH SPRING
41-82101	GASKET - Brush Holder, used w/ 39-8202 Brush Holder
41-82300	SEAL - Brush Holder, used w/ 39-8201 Brush Holder
41-82301	GROMMET - Stator Lead, Alts. w/ 15mm Rotor Shaft (Orange Color)
41-82302	GROMMET - Stator Lead, Alts. w/ 17mm Rotor Shaft (Gray Color)
41-82303	SEAL - Brush Holder, used w/ 39-8202 Brush Holder (Orange Color)
41-82306	SEAL - Brush Holder, used w/ 39-8202 Brush Holder (Gray Color)

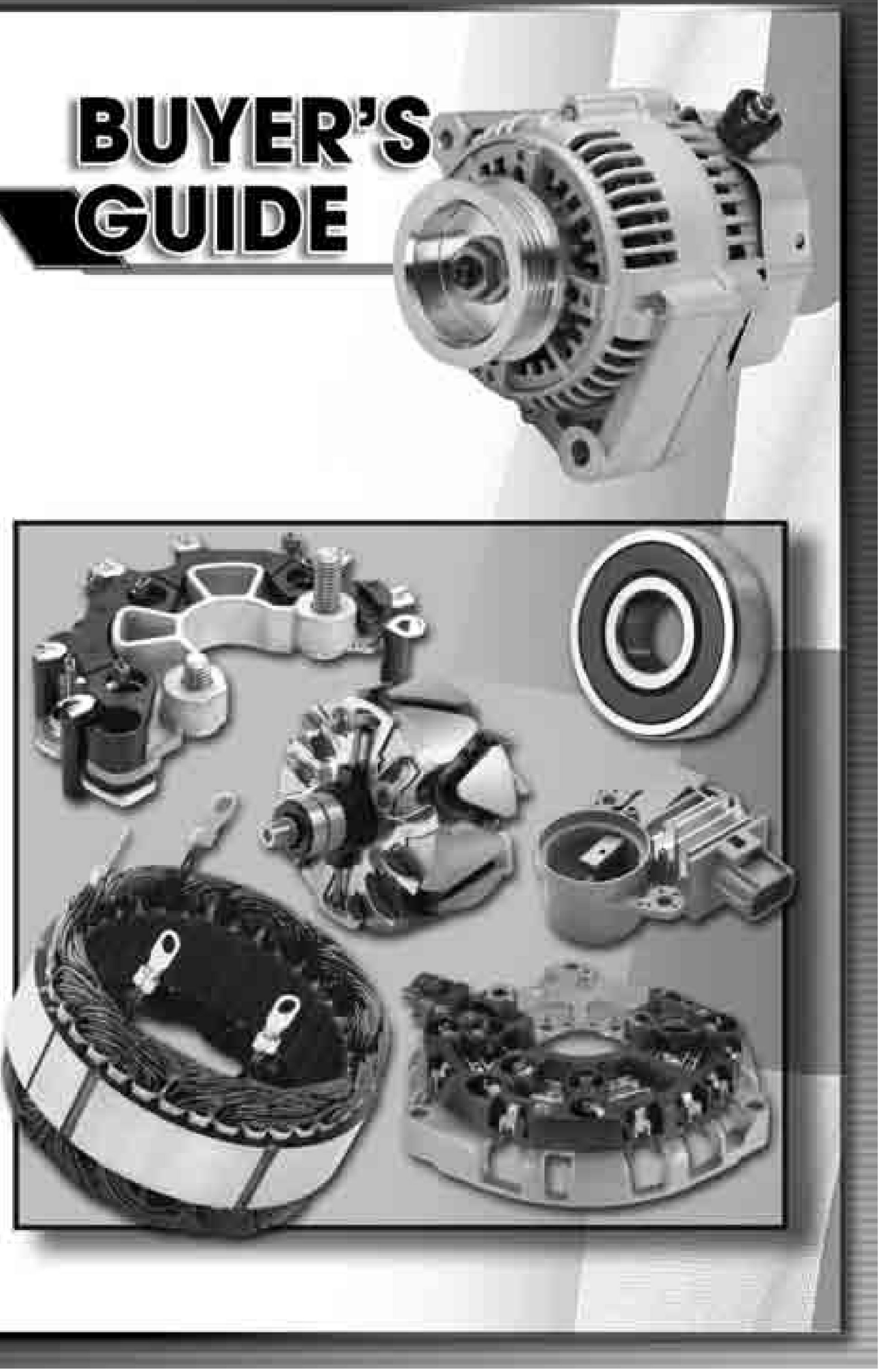
WAI No.	Description
42-82303	INSULATOR - Batt. Term.
42-82305	INSULATOR - Batt. Term.
42-82306	INSULATOR - Batt. Term.
42-82316	INSULATOR - Batt. Term.
42-82318	INSULATOR - Batt. Term.
42-82319	INSULATOR - Batt. Term.
42-82320	INSULATOR - Batt. Term.
42-82324	INSULATOR - Batt. Term.
42-82328	INSULATOR - Batt. Term.
46-82150	STUD - S.R.E. Bearing Retainer
46-82151	STUD - S.R.E. Mtg. Arms (M5 x 0.8)
46-82153	CONVERSION STUD - S.R.E. Mtg. Arms (Converts M6 x 1.0 to M5 x 0.8 Mtg. Studs)
46-82200	TERMINAL BLOCK
46-82201	TERMINAL BLOCK - 121000-348, -351 Alts.
46-82300	CONNECTOR - Rect. to S.R.E. Cover
46-82400	COVER - Brush Holder, used w/ 39-8202 Brush Holder
46-82452	COVER - S.R.E. Frame, Alts. w/ 118mm Stator Bore, wo/ Grd. Strap Hole
46-82454	COVER - S.R.E. Frame, Alts. w/ 130mm Stator Bore, wo/ Grd. Strap Hole
46-82455	COVER - S.R.E. Frame, Alts. w/ 118mm Stator Bore & Round Plug
46-82456	COVER - S.R.E. Frame, Alts. w/ 118mm Stator Bore, w/ Grd. Strap Hole
46-82457	COVER - S.R.E. Frame, Alts. w/ 130mm Stator Bore, w/ Grd. Strap Hole
46-82500	BEARING RETAINER - D.E. Frame
46-82700	COVER - S.R.E. Bearing
46-82701	COVER - S.R.E. Bearing
46-82802	WAVE WASHER - S.R.E. Bearing
85-1205	SCREW - Brush Holder, Stator Connection (M4 x 0.7 x 5.7mm L, Phillips)
85-1205-1	SCREW - Brush Holder, Stator Connection (M4 x 0.7 x 7.5mm L, Phillips, Dog Point)
85-1208	SCREW - Brg. Retainer (M4.5 x 0.75 x 18mm L, Phillips)
85-1208-1	SCREW - Brg. Retainer (M4.5 x 0.75 x 19mm L, Phillips, Thd. Cut.)
85-1209	SCREW - S.R.E. Brg. Bracket (M4 x 0.7 x 8mm L, Phillips)
85-1210	SCREW - Terminal Block (M4 x 0.7 x 25mm L, Phillips)
85-1213	SCREW - Rectifier (M4 x 0.7 x 6mm L, Hex)
85-1316	SCREW - Ground Connector (M5 x 0.8 x 8mm L, Hex)
85-1403	THRU BOLT (M7 x 1.0 x 40mm L w/ M5 x 0.8 x 17mm L Ext.)
85-2300	HEX NUT - Thru-bolt, S.R.E. Cover (M5 x 0.8 x 8mm F x 4.5mm T, w/ Att. Washer)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-2601	HEX NUT - Pulley (M14 x 1.5 x 22mm F x 7mm T)
85-4306	LOCK WASHER - Rectifier (10mm ID, Ext. Tooth)
85-4602	LOCK WASHER - Pulley (15mm ID, Split)
89-916	PROTECTIVE MESH - Protects Slip Ring during handling
INR403P	RECTIFIER - 75, 90, 117A Alts. w/ 17mm Rotor Shaft (w/ Grd. Strap Hole, 40A Press-Fit Diodes)
INR727P	RECTIFIER - 90A Alts. w/ 15mm Rotor Shaft (40A Press-Fit Diodes)
INR728P	RECTIFIER - 120A Alts. (wo/ Grd. Strap Hole, 40A Press-Fit Diodes)
INR729P	RECTIFIER - 75, 90, 117A Alts. w/ 17mm Rotor Shaft (wo/ Grd. Strap Hole, 40A Press-Fit Diodes)

PRESTOLITE ANB SERIES

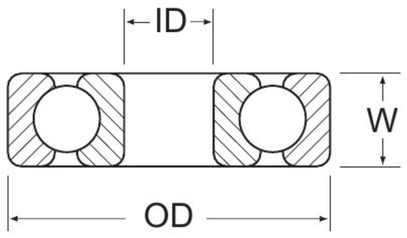


WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-601	OUTER RACE ROLLER BEARING - S.R.E.
8-602	INNER RACE - S.R.E.
21-600	D.E. FRAME
24-6500	2-GROOVE PULLEY (16mm Belts x 91mm OD w/ Keyway)
24-6501	2-GROOVE PULLEY - Caterpillar No. 9S6129 (22mm Belts x 95mm OD w/ Keyway)
24-6502	2-GROOVE PULLEY - Caterpillar No. 5S7609 (16mm Belts x 95mm OD w/ Keyway)
27-600	STATOR - 22A/24V
27-600-1	STATOR & RECTIFIER ASSY. - 22A/24V
28-6851	SLIP RING - Rotor
38-603	BRUSH - Ref# E-119
38-603-3	BRUSH - Ref# E-119
39-600	BRUSH HOLDER ASSY.
49-6100	RETAINER & SEAL KIT - D.E. Bearing
49-6103	RETAINER & SEAL KIT - S.R.E. Bearing
49-6500	TERMINAL KIT - Rectifier
84-1103	SCREW - Brush Holder (6-32 x 1/2 L, Slotted Hex, Thd. Cut.)
84-1323	SCREW - Brg. Retainer, Regulator Mtg. Plate (10-24 x 5/8 L, Hex, Thd. Cut.)
84-1409	SCREW - Regulator (1/4-20 x 5/8 L, Hex, Thd. Form.)
84-2305	HEX NUT - Field Term. (10-32 x 3/8 F x 1/8 T, w/ Att. Washer)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
89-900	SPACER - Packaging (Cardboard)
P8-393	REGULATOR - 24V
P8-393A	REGULATOR - 24V (Adj. Volt.)
PR731	NEGATIVE RECTIFIER
PR731HD	NEGATIVE RECTIFIER (Heavy Duty)
PR732	POSITIVE RECTIFIER
PR732HD	POSITIVE RECTIFIER (Heavy Duty)

BUYER'S GUIDE



BALL BEARING DIMENSION CHART



ID (mm)	OD (mm)	W (mm)	WAI No.	Closure	Brand	Note
8	22	7	6-608-2	Dbl.Shielded	Premium	
			6-608-4	Dbl. Sealed	Premium	
			6-608-4W	Dbl. Sealed	WBD	
		11	10-874-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race
			10-874-4W	Dbl. Sealed	WBD	
	23	11	10-879-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race
			10-879-4W	Dbl. Sealed	WBD	
		14	10-800-4	Dbl. Sealed	Premium	2-Plastic Tolerance Rings
			10-800-4W	Dbl. Sealed	WBD	
			10-885-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race
			10-885-4W	Dbl. Sealed	WBD	
	24	8	6-628-2	Dbl. Shielded	Premium	
			6-628-2W	Dbl. Shielded	WBD	
	28	9	6-638-4	Dbl. Sealed	Premium	
			6-638-4W	Dbl. Sealed	WBD	
9	26	8	6-629-4	Dbl. Sealed	Premium	
			6-629-4W	Dbl. Sealed	WBD	
10	23	11	10-1046-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race
			10-1046-4W	Dbl. Sealed	WBD	
	26	8	6-100-2	Dbl. Shielded	Premium	
			6-100-4	Dbl. Sealed	Premium	
			6-100-4N	Dbl. Sealed	Premium, NTN	
			6-100-4W	Dbl. Sealed	WBD	
			6-100-84	Dbl. Sealed	Premium	2-Plastic Tolerance Rings
			6-100-84W	Dbl. Sealed	WBD	
		10	6-2000-4N	Dbl. Sealed	Premium, NTN	
			6-2000-4W	Dbl. Sealed	WBD	
	27	11	10-1050-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race
			10-1050-4W	Dbl. Sealed	WBD	
			10-1050-84	Dbl. Sealed	Premium	2-Plastic Tolerance Rings
			10-1051-4	Dbl. Sealed	Premium	
			10-1051-4W	Dbl. Sealed	WBD	
		14	10-900-4W	Dbl. Sealed	WBD	2-Plastic Tolerance Rings
	30	9	6-200-2	Dbl. Shielded	Premium	
			6-200-4	Dbl. Sealed	Premium	
			6-200-4N	Dbl. Sealed	Premium, NTN	
			6-200-4W	Dbl. Sealed	WBD	
12 (cont'd.)	28	8	6-101-2	Dbl. Shielded	Premium	
			6-101-4	Dbl. Sealed	Premium	
			6-101-4W	Dbl. Sealed	WBD	
		12	6-3101-2W	Dbl. Shielded	WBD	
			6-3101-4	Dbl. Sealed	Premium	
			6-3101-4W	Dbl. Sealed	WBD	
	32 (cont'd.)	10	6-201-2	Dbl. Shielded	Premium	
			6-201-4	Dbl. Sealed	Premium	
			6-201-4N	Dbl. Sealed	Premium, NTN	
			6-201-4W	Dbl. Sealed	WBD	
			10-2012-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race
			10-2012-4W	Dbl. Sealed	WBD	

ALTERNATOR - BEARINGS (6-, 8-, 10-)

ID (mm)	OD (mm)	W (mm)	WAI No.	Closure	Brand	Note
12 (cont'd.)	32	13	10-2013-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race
		14	6-2201-4	Dbl. Sealed	Premium	
			6-2201-4W	Dbl. Sealed	WBD	
	35	18	10-2011-3	Sgl. Sealed		
			10-2011-3W	Sgl. Sealed	WBD	
	37	12	6-301-4	Dbl. Sealed	Premium	
12.7	28.6	7.9	6-708-4W	Dbl. Sealed	WBD	
15	28	7	6-902-2	Dbl. Shielded	Premium	
			6-902-2W	Dbl. Shielded	WBD	
	32	9	6-102-2	Dbl. Shielded	Premium	
			6-102-4	Dbl. Sealed	Premium	
		11	6-3102-4	Dbl. Sealed	Premium	
			6-3102-4W	Dbl. Sealed	WBD	
	35	9	10-7109-1	Sgl. Shielded*		*Sgl. Shielded, One Side Open
		11	6-202-2	Dbl. Shielded	Premium	
			6-202-4	Dbl. Sealed	Premium	
			6-202-4N	Dbl. Sealed	Premium, NTN	
			6-202-4W	Dbl. Sealed	WBD	
			6-202-84	Dbl. Sealed	Premium	2-Plastic Tolerance Rings
		13	10-1569-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race
			10-2021-4	Dbl. Sealed	Premium	
			10-2021-4W	Dbl. Sealed	WBD	
	38	19	10-2022-4	Dbl. Sealed	Premium	
			10-2022-4W	Dbl. Sealed	WBD	
	42	13	6-302-2	Dbl. Shielded	Premium	
			6-302-4	Dbl. Sealed	Premium	
			6-302-4W	Dbl. Sealed	WBD	
	43	13	10-3021-4	Dbl. Sealed	Premium	
			10-3021-4W	Dbl. Sealed	WBD	
	46	14	10-3022-4	Dbl. Sealed	Premium	
			10-3022-4W	Dbl. Sealed	WBD	
	47	14	10-3031-4	Dbl. Sealed	Premium	
			10-3031-4W	Dbl. Sealed	WBD	
		18	10-1583-4	Dbl. Sealed	Premium	
			10-1583-4W	Dbl. Sealed	WBD	
	52	16	10-3041-4	Dbl. Sealed	Premium	
			10-3041-4W	Dbl. Sealed	WBD	
17 (cont'd.)	30	7	6-903-2	Dbl. Shielded	Premium	
			6-903-4	Dbl. Sealed	Premium	
			6-903-4W	Dbl. Sealed	WBD	
	35	10	6-103-2	Dbl. Shielded	Premium	
			6-103-4	Dbl. Sealed	Premium	
			6-103-4W	Dbl. Sealed	WBD	
	40	12	6-203-4	Dbl. Sealed	Premium	
			6-203-4N	Dbl. Sealed	Premium, NTN	
			6-203-4W	Dbl. Sealed	WBD	
			6-203-84	Dbl. Sealed	Premium	2-Plastic Tolerance Rings
			6-203-84W	Dbl. Sealed	WBD	
		17.5	6-3203-4	Dbl. Sealed	Premium	
			6-3203-4W	Dbl. Sealed	WBD	
	47 (cont'd.)	14	6-303-2	Dbl. Shielded	Premium	
			6-303-4	Dbl. Sealed	Premium	
			6-303-4N	Dbl. Sealed	Premium, NTN	
			6-303-4W	Dbl. Sealed	WBD	
		18	10-1594-4	Dbl. Sealed	Premium	
			10-1594-4W	Dbl. Sealed	WBD	

ALTERNATOR - BEARINGS (6-, 8-, 10-)

ID (mm)	OD (mm)	W (mm)	WAI No.	Closure	Brand	Note
17 (cont'd.)	47 (cont'd.)	19	6-2303-4	Dbl. Sealed	Premium	
		24	10-3032-4	Dbl. Sealed	Premium	
			10-3032-4W	Dbl. Sealed	WBD	
	52	16	10-3042-4	Dbl. Sealed	Premium	
			10-3042-4W	Dbl. Sealed	WBD	
		17	10-3043-4	Dbl. Sealed	Premium	
			10-3043-4W	Dbl. Sealed	WBD	
		18	10-3044-4	Dbl. Sealed	Premium	
			10-3044-4W	Dbl. Sealed	WBD	
		21	10-62304-4	Dbl. Sealed	Premium	
	62	17.5	6-403-4	Dbl. Sealed	Premium	
18.7	47.1	14	10-2041-4	Dbl. Sealed	Premium	
18.8	37	9	10-9041-4	Dbl. Sealed	Premium	Bushing in Bore
19.1	41.3	11.1	6-712-4	Dbl. Sealed	Premium	
			6-712-4W	Dbl. Sealed	WBD	
20	37	9	6-904-2	Dbl. Shielded	Premium	
			6-904-4	Dbl. Sealed	Premium	
			6-904-4W	Dbl. Sealed	WBD	
	42	12	6-104-2	Dbl. Shielded	Premium	
			6-104-4	Dbl. Sealed	Premium	
			6-104-4W	Dbl. Sealed	WBD	
			10-1041-4	Dbl. Sealed	Premium	2-Grooves in Bore
			10-1041-4W	Dbl. Sealed	WBD	
	47	14	6-204-4	Dbl. Sealed	Premium	
			6-204-4W	Dbl. Sealed	WBD	
	52	15	6-304-4	Dbl. Sealed	Premium	
			6-304-4W	Dbl. Sealed	WBD	
22.2	56	21	10-62322-4	Dbl. Sealed	Premium	
25	42	9	6-905-4	Dbl. Sealed	Premium	
	47	12	6-105-2	Dbl. Shielded	Premium	
			6-105-4	Dbl. Sealed	Premium	
	52	15	6-205-4	Dbl. Sealed	Premium	
			6-205-4W	Dbl. Sealed	WBD	
		20.6	6-3205-4	Dbl. Sealed	Premium	
	62	17	6-305-2	Dbl. Shielded	Premium	
			6-305-4	Dbl. Sealed	Premium	
			6-305-4W	Dbl. Sealed	WBD	
		19	10-3051-4	Dbl. Sealed	Premium	
		24	10-3052-4	Dbl. Sealed	Premium	
		25.4	6-3305-4	Dbl. Sealed	Premium	Extra Wide Bearing
			6-3305-4W	Dbl. Sealed	WBD	
30	47	9	6-906-4	Dbl. Sealed	Premium	
			10-9061-4	Dbl. Sealed	Premium	2-Grooves in Bore
	55	13	6-106-4	Dbl. Sealed	Premium	
	62	16	6-206-4	Dbl. Sealed	Premium	
			6-206-4W	Dbl. Sealed	WBD	
	72	19	6-306-4	Dbl. Sealed	Premium	
		30.2	6-3306-4	Dbl. Sealed	Premium	
			7-3306	Open		Double Row Angular Contact Bearing
35	72	17	6-207-4	Dbl. Sealed	Premium	
	80	21	6-307-4	Dbl. Sealed	Premium	
45	85	19	6-209-2	Dbl. Shielded	Premium	
			6-209-4	Dbl. Sealed	Premium	

ALTERNATOR - BEARINGS (6-, 8-, 10-)

WBD BEARINGS - BEST IN CLASS FOR CONSISTENCY, QUALITY, PERFORMANCE



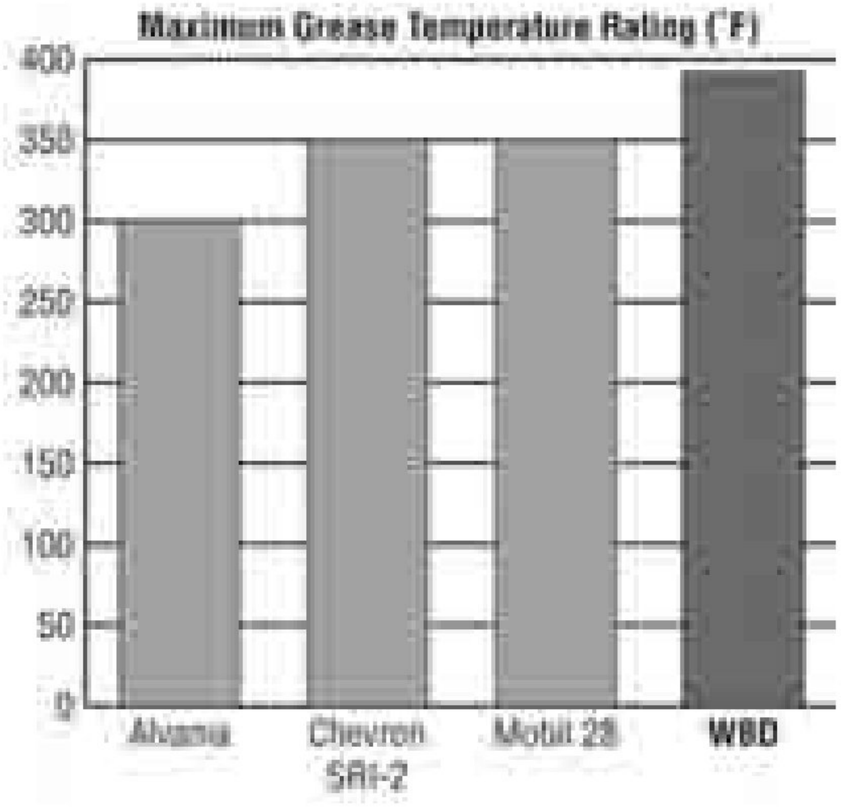
There are three keys to long bearing life: Seals, Grease and Mechanical Components. Failure in any one of these areas will cause failure of the bearing, and failure of the part in which it's installed, resulting in an unhappy customer, and an expensive return.

By specifying only the highest quality in these key areas, and testing to the highest international automotive standards, the WBD bearing, available only from WAI, performs as well as premium bearings that cost 2 or 3 times more.

Seals:

WBD bearings are manufactured with the highest quality 3-point triple-lip full contact hybrid polyacrylic seals.

- Ensure extreme temperature protection, up to 392° F (200° C)
- Eliminates grease contamination and leakage.



Grease:

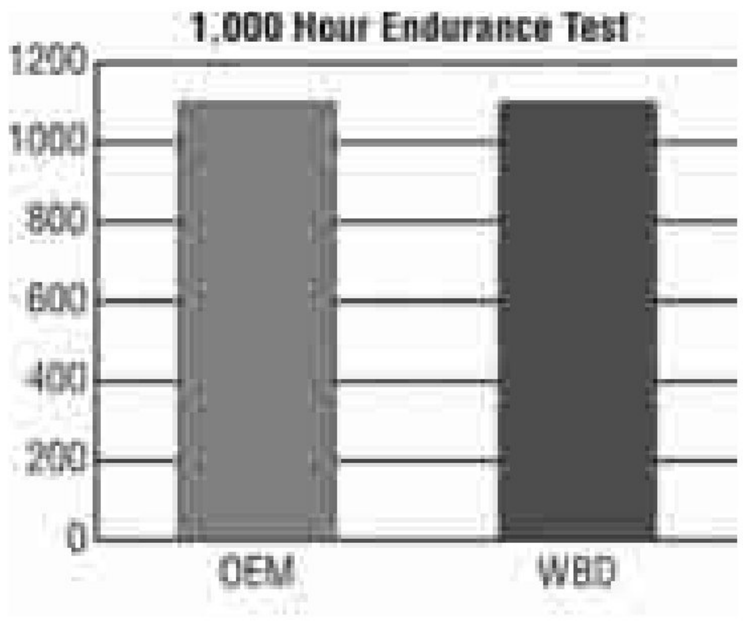
WBD bearings use Kyodo Yushi ET-K high performance grease.

- Extreme temperature protection in any automotive environment, from -40° F up to 392° F (-40° C to 200° C).
- Load-dissipating viscosity ensures extended service life and protects against thermal and mechanical shock.

Mechanical Components:

Precision CNC-machined races and balls.

- Matched balls, inner and outer races ensure low noise and minimum friction and heat build-up.
- Tight tolerances for bore-taper, out-of-round and bearing OD for precise fit and compatibility.
- Finely honed surface finish for long life and low noise.
- Balls equal to or better than Grade 16 for roundness.
- Automatically riveted cage precisely and reliably locates and secures balls within the races to prevent premature failure.



Testing:

WBD bearing are endurance-tested to outperform low-cost bearings, and meet or exceed the performance of bearings costing much, much more.

- 1,000 hour full-load endurance test demonstrates consistent performance under the most arduous conditions.
- Proven 3 year endurance testing shows that WBD bearings last for the long-haul, in the most challenging environments.
- Noise-tested before and after greasing to ensure grease is free of contaminants that cause premature wear.

Industry Standards: ABEC and EMQ:

Radial ball bearings must meet specified ABEC (Annular Bearing Engineers Committee) ratings for consistency, quality and service life. Radial bearings are also said to be Electric Motor Quality (EMQ) when they meet the low noise requirements specified by automotive engineers worldwide.

- WBD bearings are high-precision, engineered to meet or exceed ABEC 3 standards, used for automotive bearings worldwide.
- WBD bearings are low-noise, meeting all standards for EMQ.

BALL BEARINGS



6-100-4
Ball Bearing
Dbl. Sealed

For: Delco CS121, CS130 Series Alternators (S.R.E.); Delco 28MT Series; Mitsubishi OSGR; Nippondenso 1.0kW, 1.4kW, 2.0kW, 2.5kW, 3.0kW OSGR Starters (Armature)
Replaces: Delco 1989646, 10472207; Nippondenso 949100-2760; Ref# 6000
Dim: 10mm ID x 26mm OD x 8mm W
Features:
• Premium Quality

6-100-2
Ball Bearing
Dbl. Shielded

Same as 6-100-4 except...
Features:
• Premium Quality, Dbl. Shielded

6-100-4N
Ball Bearing
Dbl. Sealed

Same as 6-100-4 except...
Features:
• Mfd. by NTN, OE Supplier

6-100-4W
Ball Bearing
Dbl. Sealed

Same as 6-100-4 except...
Features:
• WBD



6-100-84
Ball Bearing
Dbl. Sealed

For: Delco CS144 Series IR/EF; Ford 3G Series IR/IF Alternators (S.R.E.)
Replaces: Delco 1989711, 10474532
Dim: 10mm ID x 26mm OD x 8mm W
Note: With 2-plastic tolerance rings
Features:
• Premium Quality

6-100-84W
Ball Bearing
Dbl. Sealed

Same as 6-100-84 except...
Features:
• WBD



6-101-4
Ball Bearing
Dbl. Sealed

For: Bosch ER/EF, IR/EF Alternators (S.R.E.); Hitachi OSGR Starters (Armature)
Replaces: Bosch 1-900-905-103, -164, -167; Nissan 23338-J5500, -Z9002; Ref# 6001
Dim: 12mm ID x 28mm OD x 8mm W
Features:
• Premium Quality

6-101-2
Ball Bearing
Dbl. Shielded

Same as 6-101-4 except...
Features:
• Premium Quality, Dbl. Shielded

6-101-4W
Ball Bearing
Dbl. Sealed

Same as 6-101-4 except...
Features:
• WBD



6-102-4
Ball Bearing
Dbl. Sealed

For: Nippondenso IR/IF Alternators (S.R.E.); Hitachi OSGR; Mitsuba SM402 Series; Mitsubishi OSGR; Nippondenso 1.0kW, 1.2kW, 1.4kW OSGR Starters (Armature)
Replaces: Delco 10498717; Ref# 6002
Dim: 15mm ID x 32mm OD x 9mm W
Features:
• Premium Quality

6-102-2
Ball Bearing
Dbl. Shielded

Same as 6-102-4 except...
Features:
• Premium Quality, Dbl. Shielded



6-103-4
Ball Bearing
Dbl. Sealed

For: Nippondenso 24V IR/EF Alternators (S.R.E.); Delco 28MT Series; Mitsubishi OSGR; Nippondenso 2.5kW, 4.5kW OSGR Starters (Armature)
Replaces: Delco 10456461; Ref# 6003
Dim: 17mm ID x 35mm OD x 10mm W
Features:
• Premium Quality

6-103-2
Ball Bearing
Dbl. Shielded

Same as 6-103-4 except...
Features:
• Premium Quality, Dbl. Shielded

6-103-4W
Ball Bearing
Dbl. Sealed

Same as 6-103-4 except...
Features:
• WBD



6-104-4
Ball Bearing
Dbl. Sealed

For: Hitachi OSGR; Mitsuba SM302, SM402 Series; Nippondenso 1.0kW, 1.2kW, 1.4kW, 2.0kW OSGR Starters (Drive)
Replaces: Ref# 6004
Dim: 20mm ID x 42mm OD x 12mm W
Features:
• Premium Quality

6-104-2
Ball Bearing
Dbl. Shielded

Same as 6-104-4 except...
Features:
• Premium Quality, Dbl. Shielded

6-104-4W
Ball Bearing
Dbl. Sealed

Same as 6-104-4 except...
Features:
• WBD

ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARINGS (cont'd.)



6-105-4
Ball Bearing
Dbl. Sealed

For: Delco 28MT Series (Drive Shaft); Nippondenso 2.5kW, 3.0kW, 4.5kW, 5.5kW OSGR Starters (Drive)
Replaces: Ref# 6005
Dim: 25mm ID x 47mm OD x 12mm W
Features:
• Premium Quality

6-105-2
Ball Bearing
Dbl. Shielded

Same as 6-105-4 except...
Features:
• Premium Quality, Dbl. Shielded



6-106-4
Ball Bearing
Dbl. Sealed

For: Hitachi PMGR Starters (D.E.); Bus Blower Motors
Replaces: Ref# 6006
Unit Nos: Hitachi S114-503A, S114-516, A; S114-528, A
Lester Nos: 16817, 17196
WAI Ref. Nos: 2-1107-HI, 2-1123-HI, 2-1446-HI
Dim: 30mm ID x 55mm OD x 13mm W
Features:
• Premium Quality



6-200-4
Ball Bearing
Dbl. Sealed

For: Motorola, Paris Rhone IR/EF Alternators (S.R.E.); Delco 28MT, 29MT Series; Nikko, Nippondenso OSGR Starters (Armature)
Replaces: Delco 10456462; Motorola 11-2, 11-23; Prestolite 111-2, 111-23, 25-24, 6200LU, X-3433; Ref# 6200
Dim: 10mm ID x 30mm OD x 9mm W
Features:
• Premium Quality

6-200-2
Ball Bearing
Dbl. Shielded

Same as 6-200-4 except...
Features:
• Premium Quality, Dbl. Shielded

6-200-4N
Ball Bearing
Dbl. Sealed

Same as 6-200-4 except...
Features:
• Mfd. by NTN, OE Supplier

6-200-4W
Ball Bearing
Dbl. Sealed

Same as 6-200-4 except...
Features:
• WBD



6-201-4
Ball Bearing
Dbl. Sealed

For: Bosch, Hitachi, Iskra, Mitsubishi, Nippondenso, Paris Rhone Alternators (S.R.E.); Delco 38MT Series PLGR, Mitsubishi OSGR Starters (Armature)
Replaces: Ref# 6201
Dim: 12mm ID x 32mm OD x 10mm W
Features:
• Premium Quality

6-201-2
Ball Bearing
Dbl. Shielded

Same as 6-201-4 except...
Features:
• Premium Quality, Dbl. Shielded

6-201-4N
Ball Bearing
Dbl. Sealed

Same as 6-201-4 except...
Features:
• Mfd. by NTN, OE Supplier

6-201-4W
Ball Bearing
Dbl. Sealed

Same as 6-201-4 except...
Features:
• WBD



6-202-4
Ball Bearing
Dbl. Sealed

For: Bosch ER/EF, IR/EF, Delco AD230, AD237, AD244, CS130D Series IR/IF (S.R.E.); Hitachi, Mitsubishi, Nippondenso (D.E.); Lucas Generators (D.E.); Nippondenso 3.0kW, 5.5kW OSGR Starters (Armature)
Replaces: Bosch 1-100-900-000; Delco 10475023; Lucas 54160090, UTB100; Ref# 6202
Dim: 15mm ID x 35mm OD x 11mm W
Features:
• Premium Quality

6-202-2
Ball Bearing
Dbl. Shielded

Same as 6-202-4 except...
Features:
• Premium Quality, Dbl. Shielded

6-202-4N
Ball Bearing
Dbl. Sealed

Same as 6-202-4 except...
Features:
• Mfd. by NTN, OE Supplier

6-202-4W
Ball Bearing
Dbl. Sealed

Same as 6-202-4 except...
Features:
• WBD



6-202-84
Ball Bearing
Dbl. Sealed

For: Hitachi ER/EF, IR/EF Alternators w/ Vacuum Pump (S.R.E.)
Unit Nos: Hitachi LR140-112; LR140-130B, P; LR140-131; LR150-133B, C, E; LR150-146C; LR150-147B, C; LR150-155B, LR150-201B; LR150-205, B; LR150-402, LR150-402C, LR150-403, LR150-434B, LR155-12C, LR155-16B; LR160-96B; C; LR160-97B, C; LR160-401, C; LT140-105, LT140-107, LT150-57E
(cont'd.)

(cont'd.)
Lester Nos: 14209, 14214, 14586, 14613, 14615, 14645, 14648, 14649, 14653, 14654, 14730, 14731, 14858, 14874, 14952
WAI Ref. Nos: 1-1094-01HI, 1-1113-01HI, 1-1121-01HI, 1-1129-01HI, 1-1130-01HI, 1-1236-01HI, 1-1247-01HI, 1-1516-01HI, 1-1570-01HI, 1-1571-01HI
Dim: 15mm ID x 35mm OD x 11mm W
Note: With 2-plastic tolerance rings
Features:
• Premium Quality



6-203-4
Ball Bearing
Dbl. Sealed

For: Chrysler, Delco, Ford, Leece-Neville, Motorola; European & Japanese Alternators
Replaces: Bosch 1-120-900-004, 1-120-905-020, 1-120-905-041, 1-120-905-050, 1-120-905-525, 1-900-905-273, 1-900-905-277; Chrysler 3656444, 4364852, 5226446; Delco 908019, 10469092, 10473403; Ford C9ZZ-10094-A; Leece-Neville 26853; Motorola 11-1, 11-21; Prestolite 25-1, 25-34, 25-73;
Ref# 6203
Dim: 17mm ID x 40mm OD x 12mm W
Features:
• Premium Quality

6-203-4N
Ball Bearing
Dbl. Sealed

Same as 6-203-4 except...
Features:
• Mfd. by NTN, OE Supplier

6-203-4W
Ball Bearing
Dbl. Sealed

Same as 6-203-4 except...
Features:
• WBD



6-203-84
Ball Bearing
Dbl. Sealed

For: Ford 4G Series IR/IF Alternators (S.R.E.)
Replaces: Ford F5OU-10A304-AA
Dim: 17mm ID x 40mm OD x 12mm W
Note: With 2-plastic tolerance rings
Features:
• Premium Quality

6-203-84W
Ball Bearing
Dbl. Sealed

Same as 6-203-84 except...
Features:
• WBD



6-204-4
Ball Bearing
Dbl. Sealed

For: Autolite, Delco Generators; Leece-Neville Alternators
Replaces: Ref# 6204
Dim: 20mm ID x 47mm OD x 14mm W
Features:
• Premium Quality

6-204-4W
Ball Bearing
Dbl. Sealed

Same as 6-204-4 except...
Features:
• WBD



6-205-4
Ball Bearing
Dbl. Sealed

For: Delco, Leece-Neville, Motorola Alternators; Delco 38MT, 39MT Series PLGR; Mitsubishi OSGR Starters (Armature)
Replaces: Delco 904983; Leece-Neville 29656; Motorola 11-40; Prestolite 111-40;
Ref# 6205
Dim: 25mm ID x 52mm OD x 15mm W
Features:
• Premium Quality

6-205-4W
Ball Bearing
Dbl. Sealed

Same as 6-205-4 except...
Features:
• WBD



6-206-4
Ball Bearing
Dbl. Sealed

For: Leece-Neville Alternators; Electric Motors & Pump Motors
Replaces: Leece-Neville 28892;
Ref# 6206
Dim: 30mm ID x 62mm OD x 16mm W
Features:
• Premium Quality

6-206-4W
Ball Bearing
Dbl. Sealed

Same as 6-206-4 except...
Features:
• WBD

ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARINGS (cont'd.)



6-207-4
Ball Bearing
Dbl. Sealed

For: Electric Motors & Pump Motors
Replaces: Ref# 6207
Dim: 35mm ID x 72mm OD x 17mm W
Features:
• Premium Quality



6-209-4
Ball Bearing
Dbl. Sealed

For: Delco 50DN Series Bus Alternators (Inner D.E.)
Replaces: Delco 903209, 9439722, 9439723, 10499878;
Ref# 6209
Dim: 45mm ID x 85mm OD x 19mm W
Features:
• Premium Quality

6-209-2
Ball Bearing
Dbl. Shielded

Same as 6-209-4 except...
Features:
• Premium Quality, Dbl. Shielded



6-301-4
Ball Bearing
Dbl. Sealed

For: Delco 39MT Series PLGR Starters, Mitsubishi OSGR Starters (Armature)
Replaces: Ref# 6301
Dim: 12mm ID x 37mm OD x 12mm W
Features:
• Premium Quality



6-302-4
Ball Bearing
Dbl. Sealed

For: Hitachi, Mitsubishi IR/EF, IR/IF Alternators (D.E.); Lucas Generators (D.E.)
Replaces: Ref# 6302
Dim: 15mm ID x 42mm OD x 13mm W
Features:
• Premium Quality

6-302-2
Ball Bearing
Dbl. Shielded

Same as 6-302-4 except...
Features:
• Premium Quality, Dbl. Shielded

6-302-4W
Ball Bearing
Dbl. Sealed

Same as 6-302-4 except...
Features:
• WBD



6-303-4
Ball Bearing
Dbl. Sealed

For: Chrysler 100-114A; Delco AD230, AD237, AD244, CS121, CS121D, CS130, CS130D, CS144 Series; Ford 3G, 4G, 6G Series; European, Japanese Alternators (D.E.)
Replaces: Ref# 6303
Dim: 17mm ID x 47mm OD x 14mm W
Features:
• Premium Quality

6-303-2
Ball Bearing
Dbl. Shielded

Same as 6-303-4 except...
Features:
• Premium Quality, Dbl. Shielded

6-303-4N
Ball Bearing
Dbl. Sealed

Same as 6-303-4 except...
Features:
• Mfd. by NTN, OE Supplier

6-303-4W
Ball Bearing
Dbl. Sealed

Same as 6-303-4 except...
Features:
• WBD



6-304-4
Ball Bearing
Dbl. Sealed

For: Leece-Neville, Nippondenso IR/EF Alternators (D.E.)
Replaces: Delco 907187; Leece-Neville 57166;
Ref# 6304
Dim: 20mm ID x 52mm OD x 15mm W
Features:
• Premium Quality

6-304-4W
Ball Bearing
Dbl. Sealed

Same as 6-304-4 except...
Features:
• WBD



6-305-4
Ball Bearing
Dbl. Sealed

For: Delco, Ford, Leece-Neville, Motorola, Nippondenso, Prestolite Heavy Duty Alternators (D.E.)
Replaces: Delco 904722, 907351, 907356, 907689, 907940, 908020, 908055, 954554, 9437824, 9439570, 9439571, 9441901, 10472935, 12334741;
Leece-Neville 76262, 78895, 101413; Motorola 11-34; Prestolite 25-4, 25-71;
Ref# 6305
Dim: 25mm ID x 62mm OD x 17mm W
Features:
• Premium Quality

6-303-2
Ball Bearing
Dbl. Shielded

Same as 6-303-4 except...
Features:
• Premium Quality, Dbl. Shielded

6-303-4N
Ball Bearing
Dbl. Sealed

Same as 6-303-4 except...
Features:
• Mfd. by NTN, OE Supplier

6-305-2
Ball Bearing
Dbl. Shielded

Same as 6-305-4 except...
Features:
- Premium Quality, Dbl. Shielded

6-305-4W
Ball Bearing
Dbl. Sealed

Same as 6-305-4 except...
Features:
- WBD



6-306-4
Ball Bearing
Dbl. Sealed

For: Electric Motors
Replaces: Ref# 6306
Dim: 30mm ID x 72mm OD x 19mm W
Features:
- Premium Quality



6-307-4
Ball Bearing
Dbl. Sealed

For: AC or DC Electric Motors
Replaces: Ref# 6307
Dim: 35mm ID x 80mm OD x 21mm W
Features:
- Premium Quality



6-403-4
Ball Bearing
Dbl. Sealed

For: Bosch Alternators (D.E.)
Replaces: Bosch 1-120-900-010
Dim: 17mm ID x 62mm OD x 17.5mm W
Note: When replacing earlier design open bearing w/ 6-403-4 dbl. sealed bearing, the 2-steel shims (shields) are not required
Features:
- Premium Quality



6-608-4
Ball Bearing
Dbl. Sealed

For: Delco PMGR; Hitachi, Mitsuba, Mitsubishi, Nippondenso Starters (Armature)
Replaces: Delco 9440924; Ref# 608
Dim: 8mm ID x 22mm OD x 7mm W
Features:
- Premium Quality

6-608-2
Ball Bearing
Dbl.Shielded

Same as 6-608-4 except...
Features:
- Premium Quality, Dbl. Shielded

6-608-4W
Ball Bearing
Dbl. Sealed

Same as 6-608-4 except...
Features:
- WBD



6-628-2
Ball Bearing
Dbl. Shielded

For: Mitsuba PMGR, PMOSGR Starters (C.E.)
Replaces: Ref# 628
Unit Nos: Mitsuba SM402-03, SM402-04, SM402-05, SM402-10N, SM402-11N, SM402-12N, SM402-13N, SM402-15, SM402-16N, SM512-02
Lester Nos: 16960, 16975, 17201, 17205, 17431, 17433, 17474, 17527
WAI Ref. Nos: 2-1019-MT, 2-1020-MT, 2-1021-MT, 2-1022-MT, 2-1468-MT, 2-1521-MT, 2-1523-MT, 2-1524-MT
Dim: 8mm ID x 24mm OD x 8mm W
Features:
- Premium Quality

6-628-2W
Ball Bearing
Dbl. Shielded

Same as 6-628-2 except...
Features:
- WBD



6-629-4
Ball Bearing
Dbl. Sealed

For: Prestolite GJG Series Marine Generators (C.E.); Mitsubishi OSGR, PLGR Starters (Armature)
Replaces: Prestolite 25-23, GJG-45; Ref# 629
Dim: 9mm ID x 26mm OD x 8mm W
Features:
- Premium Quality

6-629-4W
Ball Bearing
Dbl. Sealed

Same as 6-629-4 except...
Features:
- WBD

ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARINGS (cont'd.)



6-638-4
Ball Bearing
Dbl. Sealed

For: Nippondenso OSGR Starters (Armature)
Unit Nos: Nippondenso 228000-304, 228000-326, 228000-408, 228000-409, 228000-430, 228000-475, 228000-504, 228000-512, 228000-533, 228000-586, 228000-695, 228000-739
Lester Nos: 17533, 17535, 17581, 17665, 17672, 17706, 17711, 17748, 18004, 18139, 18198
Dim: 8mm ID x 28mm OD x 9mm W
Features:
• Premium Quality

6-638-4W
Ball Bearing
Dbl. Sealed

Same as 6-638-4 except...
Features:
• WBD



6-708-4W
Ball Bearing
Dbl. Sealed

For: Lucas C40T Series Generators (C.E.)
Replaces: Ford C5NF-10094-A; Lucas UTB103; Prestolite 25-12, X-294; Ref# R8
Dim: 12.7mm (.5") ID x 28.6mm (1.125") OD x 7.9mm (.3125") W
Features:
• WBD



6-712-4
Ball Bearing
Dbl. Sealed

For: Harley-Davidson Starters (D.E.)
Replaces: Harley-Davidson 31539-66; Ref# R12
Dim: 19.1mm (.75") ID x 41.3mm (1.625") OD x 11.1mm (.4375") W
Features:
• Premium Quality

6-712-4W
Ball Bearing
Dbl. Sealed

Same as 6-712-4 except...
Features:
• WBD



6-902-2
Ball Bearing
Dbl. Shielded

For: Mitsuba SM302 Series Starters (Armature)
Replaces: Ref# 6902
Dim: 15mm ID x 28mm OD x 7mm W
Features:
• Premium Quality

6-902-2W
Ball Bearing
Dbl. Shielded

Same as 6-902-2 except...
Features:
• WBD



6-903-4
Ball Bearing
Dbl. Sealed

For: Hitachi OSGR Starters (Armature)
Replaces: Ref# 6903
Dim: 17mm ID x 30mm OD x 7mm W
Features:
• Premium Quality

6-903-2
Ball Bearing
Dbl. Shielded

Same as 6-903-4 except...
Features:
• Premium Quality, Dbl. Shielded

6-903-4W
Ball Bearing
Dbl. Sealed

Same as 6-903-4 except...
Features:
• WBD



6-904-4
Ball Bearing
Dbl. Sealed

For: Hitachi, Mitsuba, Mitsubishi, Nippondenso OSGR Starters (Drive Assy.)
Replaces: Ref# 6904
Dim: 20mm ID x 37mm OD x 9mm W
Features:
• Premium Quality

6-904-2
Ball Bearing
Dbl. Shielded

Same as 6-904-4 except...
Features:
• Premium Quality

6-904-4W
Ball Bearing
Dbl. Sealed

Same as 6-904-4 except...
Features:
• WBD



6-905-4
Ball Bearing
Dbl. Sealed

For: Hitachi OSGR Starters (Armature)
Replaces: Ref# 6905
Dim: 25mm ID x 42mm OD x 9mm W
Features:
• Premium Quality



6-906-4
Ball Bearing
Dbl. Sealed

For: Hitachi PMGR Starters (D.E.)
Replaces: Ref# 6906
Unit Nos: Hitachi S114-701A, C; S114-753, C; S114-755, S114-756, S114-757
WAI Ref. Nos: 2-1128-HI, 2-1441-HI, 2-1560-HI
(cont'd.)

(cont'd.)
Dim: 30mm ID x 47mm OD x 9mm W
Features:
• Premium Quality



6-2000-4N
Ball Bearing
Dbl. Sealed

For: Delco CS121, CS130 IR/EF; CS121D IR/IF Series Alternators (S.R.E.)
Replaces: Delco 10473711; Ref# 62000
Dim: 10mm ID x 26mm OD x 10mm W
Features:
• Mfd. by NTN, OE Supplier

6-2000-4W
Ball Bearing
Dbl. Sealed

Same as 6-2000-4N except...
Features:
• WBD



6-2201-4
Ball Bearing
Dbl. Sealed

For: Bosch IR/EF Alternators
Replaces: Bosch 1-120-905-024, -031; 1-900-905-274; Ref# 62201
Dim: 12mm ID x 32mm OD x 14mm W
Features:
• Premium Quality

6-2201-4W
Ball Bearing
Dbl. Sealed

Same as 6-2201-4 except...
Features:
• WBD



6-2303-4
Ball Bearing
Dbl. Sealed

For: Marelli Alternators (D.E.)
Replaces: Ref# 62303
Dim: 17mm ID x 47mm OD x 19mm W
Features:
• Premium Quality



6-3101-4
Ball Bearing
Dbl. Sealed

For: Bosch ER/EF, IR/EF Alternators (S.R.E.)
Replaces: Bosch 1-120-900-012, 1-120-905-003; Ref# W6001
Unit Nos: Bosch 0-120-300-559, -568, -569; 0-120-339-516, -528, -533; 0-120-450-008, -009; -500, -501, -502, -503, -504, -505, -513, -514, -515, -524, -525, -528, -533, -535, -538, -539, -541, -542 to -548, -551 to -556, -558, -559, -566, -581, -582, -583, -584, -586, -588, -589, -590, -591, -594, -595, -598, -599, -600, -603 to -610, -617, -618, -619, -620, -628, -631, -632, -633, -636, -637, -638, -642, -645, -648, -649, -654, -664, -668, -670, -674, -675, -711, -712, -721, -754, -782, -783, -804, -805, -806, -945; 0-120-489-328, 0-123-320-011, 0-123-325-007, 0-123-335-005, 9-120-080-226; Marelli 63300901
Lester Nos: 13023, 058, 122, 161, 246, 610; 14000, 059, 396, 418, 603, 778, 782, 783, 785, 791, 806, 820, 821, 825, 964, 966
Dim: 12mm ID x 28mm OD x 12mm W
Features:
• Premium Quality

6-3101-2W
Ball Bearing
Dbl. Shielded

Same as 6-3101-4 except...
Features:
• WBD, Dbl. Shielded

6-3101-4W
Ball Bearing
Dbl. Sealed

Same as 6-3101-4 except...
Features:
• WBD



6-3102-4
Ball Bearing
Dbl. Sealed

For: Nippondenso IR/IF Alternators (S.R.E.)
Replaces: Ref# W6002
Unit Nos: Nippondenso 100211-140, -143, -155, -156, -157, -163, -166, -167, -168, -180, -400, -408, -410, -411, -413, -415, -417, -426, -435, -439, -444, -452, -454, -464, -465, -660, -672, -678, -686, -688, -693, -696, -699; 101211-110, -202, -213, -224, -236, -237
Lester Nos: 12180, 12182, 12187, 12190, 13214, 13239, 13255, 13316, 13414, 13485, 13522, 13740, 14684, 14733, 14843, 14937, 14940
Dim: 15mm ID x 32mm OD x 11mm W
Features:
• Premium Quality

6-3102-4W
Ball Bearing
Dbl. Sealed

Same as 6-3102-4 except...
Features:
• WBD



6-3203-4
Ball Bearing
Dbl. Sealed

For: Motorola / Prestolite 8SA, 12SA Series Alternators (S.R.E.)
Replaces: Motorola 11-39; Prestolite 111-39; Ref# W6203
Dim: 17mm ID x 40mm OD x 17.5mm W
Features:
• Premium Quality

6-3203-4W
Ball Bearing
Dbl. Sealed

Same as 6-3203-4 except...
Features:
• WBD

ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARINGS (cont'd.)



6-3205-4
Ball Bearing
Dbl. Sealed

For: Leece-Neville Alternators (S.R.E.)
Replaces: Leece-Neville 32054, 36686; Ref# W6205
Dim: 25mm ID x 52mm OD x 20.6mm W
Features:
• Premium Quality



6-3305-4
Ball Bearing
Dbl. Sealed

For: Leece-Neville 2300-2800JB Series Alternators (D.E.)
Replaces: Leece-Neville 35624; Ref# W6305
Dim: 25mm ID x 62mm OD x 25.4mm W
Note: Extra wide bearing
Features:
• Premium Quality

6-3305-4W
Ball Bearing
Dbl. Sealed

Same as 6-3305-4 except...
Features:
• WBD



6-3306-4
Ball Bearing
Dbl. Sealed

For: Leece-Neville Alternators (D.E.)
Replaces: Leece-Neville 74091; Ref# W6306
Dim: 30mm ID x 72mm OD x 30.2mm W
Features:
• Premium Quality



7-3306
Ball Bearing
Open

For: Delco 50DN Series Bus Alternators (Outer D.E.)
Replaces: Delco 954533, 9439724; Ref# 3306
Dim: 30mm ID x 72mm OD x 30.2mm W
Note: Double row angular contact bearing. Used in air-cooled or oil-cooled alternators.



10-800-4
Ball Bearing
Dbl. Sealed

For: Mando, Mitsubishi IR/IF Alternators (S.R.E.)
Replaces: Ref# SC8A05LHI
Lester Nos: 13183, 188, 189, 190, 196, 211, 213, 227, 230, 231, 237, 238, 249, 251, 253, 257, 263, 271, 272, 282, 286, 289, 290, 293, 295, 297, 298, 299, 303, 314, 336, 337, 350, 352, 406, 415, 416, 430, 432, 439, 445, 446, 447, 448, 450, 451, 460, 473, 478, 479, 480, 511, (cont'd.)

(cont'd.)
523, 549, 559, 575, 577, 580, 584, 585, 586, 587, 596, 597, 598, 608, 614, 615, 616, 648, 649, 650, 692, 698, 700, 701, 716, 717, 718, 723, 735, 750, 751, 752, 762, 764, 780, 781, 786, 787, 821; 14243, 436, 656, 699, 718, 720, 723, 724, 725, 905, 906, 908, 910, 916, 967, 979
Dim: 8mm ID x 23mm OD x 14mm W
Note: With 2-plastic tolerance rings
Features:
• Premium Quality

10-800-4W
Ball Bearing
Dbl. Sealed

Same as 10-800-4 except...
Features:
• WBD



10-874-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi IR/IF Alternators (S.R.E.)
Replaces: Ref# B8-74D
Unit Nos: Mitsubishi A1T40391, A1T40491, A1T40791, A2T41791, A2T41991, A2T42777, A2T45272, A2T48176, A2T48195, A5T40374
Lester Nos: 14447, 14655, 14656, 14657, 14693, 14694, 14697, 14699, 14706, 14708, 14709, 14725, 14908, 14917, 14950
WAI Ref. Nos: 1-1099-01MI, 1-1105-01MI, 1-1105-02MI, 1-1162-01MI, 1-1186-01MI, 1-1193-01MI, 1-1194-01MI, 1-1195-01MI
Dim: 8mm ID x 22mm OD x 11mm W
Note: With retaining ring
Features:
• Premium Quality

10-874-4W
Ball Bearing
Dbl. Sealed

Same as 10-874-4 except...
Features:
• WBD



10-879-4
Ball Bearing
Dbl. Sealed

For: Mando, Mitsubishi IR/IF Alternators (S.R.E.)
Replaces: Ref# B8-79D
Unit Nos: Mando AB155001, AB175020, AB190025, AR160A; Mitsubishi A0T25371, 25471; A1T01591, 01691, 01991, 34672, 40191, 40291, 40671, 40891; A2T00991, 02271, 02471, 03072, 03471, 03477, 03691, 03792, 03892, 03972, 04271, 06871, 07292, 07292A, 09392, 09493, 09691, 09792, 17692, 43791, 43891, 43892, 45272A, 46395, 47474, 47794, 48176A, 48195A, 48691, 48791, 49891, 49972, 49977, 49992; A5T31177, 41094, 41592; A7T30492, 30571
Lester Nos: 13197, 13249, 13265, 13289, 13318, 13332, 14427, 14428, 14429, 14430, 14431, 14432, 14433, 14434, 14435, 14436, 14437, 14438, 14445, 14447, 14655, 14656, 14657, 14693, 14697, 14706, 14709, 14718, 14723, 14724, 14725, 14876, 14910, 14916, 14917, 14950, 14967, 14979
Dim: 8mm ID x 23mm OD x 11mm W
Note: With retaining ring
Features:
• Premium Quality

10-879-4W
Ball Bearing
Dbl. Sealed

Same as 10-879-4 except...
Features:
• WBD



10-885-4
Ball Bearing
Dbl. Sealed

For: Mando, Mitsubishi IR/IF Alternators (S.R.E.)
Replaces: Ref# B8-85D
Lester Nos: 13182, 13196, 13259, 13266, 13292, 14655, 14656, 14725, 14902, 14903, 14910
WAI Ref. Nos: 1-1017-01MI, 1-1105-01MI, 1-1105-02MI, 1-1135-01MI, 1-1142-01MI, 1-1149-01MI, 1-1171-01MI, 1-1173-01MI, 1-1944-01MI, 1-2342-01MI
Dim: 8mm ID x 23mm OD x 14mm W
Note: With retaining ring
Features:
• Premium Quality

10-885-4W
Ball Bearing
Dbl. Sealed

Same as 10-885-4 except...
Features:
• WBD



10-900-4W
Ball Bearing
Dbl. Sealed

For: Mitsubishi IR/IF Alternators (S.R.E.)
Replaces: Ref# SC008ILHIA
Unit Nos: Mitsubishi A4T00796, A4T01493, A4T01893, A4T03091, A4T03191, A4T03591, A4T30593
Lester Nos: 13212, 13351, 13435
WAI Ref. Nos: 1-1184-01MI, 1-1432-01MI, 1-1595-01MI
Dim: 10mm ID x 27mm OD x 14mm W
Note: With 2-plastic tolerance rings
Features:
• WBD



10-1041-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi PLGR Starters (D.E.)
Unit Nos: Mitsubishi M8T50071, M8T50171, M8T50172
Lester Nos: 17577, 17578
WAI Ref. Nos: 2-1747-MI, 2-1748-MI
Dim: 20mm ID x 42mm OD x 12mm W
Note: With 2-grooves in bore
Features:
• Premium Quality

10-1041-4W
Ball Bearing
Dbl. Sealed

Same as 10-1041-4 except...
Features:
• WBD



10-1046-4
Ball Bearing
Dbl. Sealed

For: Hitachi IR/IF Alternators (S.R.E.)
Replaces: Ref# B10-46D
Unit Nos: Hitachi LR145-701, B, E; LR170-702B
Lester Nos: 14655, 14717
WAI Ref. Nos: 1-1105-01HI, 1-1105-02HI
Dim: 10mm ID x 23mm OD x 11mm W
Note: With retaining ring
Features:
• Premium Quality

10-1046-4W
Ball Bearing
Dbl. Sealed

Same as 10-1046-4 except...
Features:
• WBD



10-1050-4
Ball Bearing
Dbl. Sealed

For: Hitachi IR/IF Alternators (S.R.E.)
Replaces: Ref# B10-50D
Unit Nos: Hitachi LR150-703; LR150-704, H; LR150-711, LR160-715; LR160-718, H; LR160-723, B; LR160-724; LR160-725, C; LR160-726, LR160-731; LR165-704, B; LR165-707; B, LR170-714; LR170-715, B; LR170-716, B; LR170-717, LR170-727; LR170-732B, C; LR170-734B; LR170-738, B, C, E; LR170-739, B; LR170-744, LR170-755, LR180-715; LR180-718, B; LR180-719; LR180-725, B, C; LR180-729; LR180-733, B; LR180-734B, LR180-736B, LR190-717, LR190-744
Lester Nos: 13250, 273, 275, 285, 287, 327, 329, 334, 474, 531, 533, 534, 564, 744, 745, 757, 825; 14241, 242, 719, 743, 859, 860, 960, 979
Dim: 10mm ID x 27mm OD x 11mm W
Note: With retaining ring
Features:
• Premium Quality

10-1050-4W
Ball Bearing
Dbl. Sealed

Same as 10-1050-4 except...
Features:
• WBD

ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARINGS (cont'd.)



10-1050-84
Ball Bearing
Dbl. Sealed

For: Hitachi IR/IF (External Driver) Alternators (S.R.E.)
Unit Nos: Hitachi LR160-727, LR165-708C, LR170-745; LR170-748, B; LR170-757B, LR170-758, LR180-725E, LR180-734C, LR180-741H, LR180-742, LR180-744, LR180-751, LR185-701, E; LR185-702, LR190-724, LR190-729; LR190-737B, E; LR1100-704B; LR1100-709, B; LR1100-711B, LR1100-716; LR1110-705, B; LR1110-707C, E, F, G; LR1110-709, B; LR1125-702, B, F
Lester Nos: 13534, 13612, 13636, 13637, 13638, 13639, 13640, 13641, 13642, 13643, 13644, 13645, 13657, 13712, 13713, 13724, 13728, 13760, 13778, 13788, 13789
Dim: 10mm ID x 27mm OD x 11mm W
Note: With 2-plastic tolerance rings
Features:
• Premium Quality



10-1051-4
Ball Bearing
Dbl. Sealed

For: Ford 6G Series IR/IF Alternators (S.R.E.)
Lester Nos: 7788, 7795, 7796, 7797, 7798, 7799, 8250, 8253, 8256
Dim: 10mm ID x 27mm OD x 11mm W
Features:
• Premium Quality

10-1051-4W
Ball Bearing
Dbl. Sealed

Same as 10-1051-4 except...
Features:
• WBD



10-1569-4
Ball Bearing
Dbl. Sealed

For: Hitachi IR/EF Alternators (S.R.E.)
Replaces: Ref# B15-69
Unit Nos: Hitachi LR150-449C, LR160-422B, LR165-03, LR170-401; LR170-404, B, C; LR170-410; LR170-418B, C; LR180-509, LR235-402
Lester Nos: 14663, 14735, 14753
WAI Ref. Nos: 1-1116-01HI, 1-1426-01HI, 1-1940-01HI, 1-1940-02HI, 1-2271-01HI, 1-2317-01HI, 1-2358-01HI
Dim: 15mm ID x 35mm OD x 13mm W
Note: With retaining ring
Features:
• Premium Quality



10-1583-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi IR/IF Alternators (D.E.)
Replaces: Ref# B15-83D
Unit Nos: Mitsubishi A2T02394, A2T02394B, A2T14694, A2T47794, A2T47794B, A2T48594B, A2T48594C, A3T00491, A3T00896, A3T01496, A3T01596, A3T01598, A3T03891, A3T12691
Lester Nos: 13188, 13189, 13190, 13230, 13263, 13298, 14979
WAI Ref. Nos: 1-1098-01MI, 1-1175-01MI, 1-1180-01MI, 1-1180-02MI, 1-1182-01MI, 1-1183-01MI, 1-1259-01MI, 1-2164-01MI
Dim: 15mm ID x 47mm OD x 18mm W
Features:
• Premium Quality

10-1583-4W
Ball Bearing
Dbl. Sealed

Same as 10-1583-4 except...
Features:
• WBD



10-1594-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi IR/IF Alternators (D.E.)
Replaces: Ref# TMB303LU
Unit Nos: Mitsubishi A2T13894, A2T18792, A2T27594, A2T29594, A2TA3791, A2TA7491, A4T00796
Lester Nos: 13212, 13286, 13549, 13575
WAI Ref. Nos: 1-1120-01MI, 1-1184-01MI, 1-1427-01MI, 1-1928-01MI
Dim: 17mm ID x 47mm OD x 18mm W
Features:
• Premium Quality

10-1594-4W
Ball Bearing
Dbl. Sealed

Same as 10-1594-4 except...
Features:
• WBD



10-2011-3
Ball Bearing
Sgl. Sealed

For: Nippondenso IR/EF Alternators (S.R.E.)
Replaces: Ref# 6201-RRU
Unit Nos: Nippondenso 021000-741, 021000-875, 100211-007, 100211-008, 100211-0081, 100211-028, 100211-029, 100211-580
Lester Nos: 12065, 13143
WAI Ref. Nos: 1-2236-10ND
Dim: 12mm ID x 35mm OD x 18mm W

10-2011-3W
Ball Bearing
Sgl. Sealed

Same as 10-2011-3 except...
Features:
• WBD



10-2012-4
Ball Bearing
Dbl. Sealed

For: Hitachi IR/EF, IR/IF; Mitsubishi IR/EF Alternators (S.R.E.)
Unit Nos: Hitachi LR155-18, LR160-137, LR160-138, LR160-151, LR170-21, LR170-22, LR170-713; LR170-721, B; LR180-704; LR180-705, B; LR180-724; LR190-704, B; LR190-706, LR190-707; LR190-709, B; LR190-711, LR190-714, LR195-701, LR225-86B, LR1100-702, LR1110-701, LR1110-702; Mitsubishi A2T41899, A2T43583, A3T03298, A3T35172, A3T40672, A4T30399, A5T15584, A5T20484, A5T21077, A5T22484
Lester Nos: 13261, 13262, 13324, 13429, 13477, 14267, 14557, 14651, 14660, 14661, 14665, 14690, 14692, 14703, 14721, 14742, 14744, 14745, 14749, 14751, 14752
Dim: 12mm ID x 32mm OD x 10mm W
Note: With retaining ring
Features:
• Premium Quality

10-2012-4W
Ball Bearing
Dbl. Sealed

Same as 10-2012-4 except...
Features:
• WBD



10-2013-4
Ball Bearing
Dbl. Sealed

For: Hitachi IR/IF Alternators (S.R.E.)
Unit Nos: Hitachi LR1110-701B
Lester Nos: 13261
WAI Ref. Nos: 1-1478-01HI
Dim: 12mm ID x 32mm OD x 13mm W
Note: With retaining ring
Features:
• Premium Quality



10-2021-4
Ball Bearing
Dbl. Sealed

For: Nippondenso ER/IF, IR/IF Alternators (S.R.E.)
Replaces: Ref# 444
Dim: 15mm ID x 35mm OD x 13mm W
Features:
• Premium Quality

10-2021-4W
Ball Bearing
Dbl. Sealed

Same as 10-2021-4 except...
Features:
• WBD



10-2022-4
Ball Bearing
Dbl. Sealed

For: Nippondenso IR/IF Alternators (D.E.)
Replaces: Ref# 348
Unit Nos: Nippondenso 100211-156, 100211-157, 100211-411, 100211-413, 100211-417, 100211-426, 100211-429, 100211-435, 100211-660, 100211-672, 100211-686, 100211-699, 101211-202, 101211-236, 101211-237
Lester Nos: 13214, 13239, 13255, 13316, 13414, 13522, 13740, 14733, 14843, 14940
WAI Ref. Nos: 1-1085-01ND, 1-1230-01ND, 1-1230-02ND, 1-1238-01ND, 1-1260-01ND, 1-1881-01ND, 1-1968-01ND, 1-1969-01ND, 1-2134-01ND
Dim: 15mm ID x 38mm OD x 19mm W
Features:
• Premium Quality

10-2022-4W
Ball Bearing
Dbl. Sealed

Same as 10-2022-4 except...
Features:
• WBD



10-2041-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi OSGR Starters (D.E.)
Replaces: Ref# 6204DW
Unit Nos: Mitsubishi M3T56072, M3T56074, M3T56082, M3T56084
WAI Ref. Nos: 2-1913-MI
Dim: 18.7mm ID x 47.1mm OD x 14mm W
Note: With bushing
Features:
• Premium Quality



10-3021-4
Ball Bearing
Dbl. Sealed

For: Nippondenso IR/IF Alternators (D.E.)
Replaces: Ref# 319, 329
Unit Nos: Nippondenso 100211-103, 100211-105, 100211-118, 100211-127, 100211-143
Lester Nos: 14678, 14679, 14733, 14757, 14851, 14940
WAI Ref. Nos: 1-1015-01ND, 1-1062-02ND, 1-1238-01ND
Dim: 15mm ID x 43mm OD x 13mm W
Features:
• Premium Quality

10-3021-4W
Ball Bearing
Dbl. Sealed

Same as 10-3021-4 except...
Features:
• WBD

ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARINGS (cont'd.)



10-3022-4
Ball Bearing
Dbl. Sealed

For: Nippondenso ER/IF, IR/IF Alternators (D.E.)
Replaces: Ref# 336
Lester Nos: 13185, 220, 229, 240, 294, 326, 383, 390, 391, 398, 409, 423, 433, 492, 508, 509, 521, 569, 671, 673, 679, 680, 711, 858; 14449, 453, 454, 457, 458, 472, 591, 611, 643, 668, 671, 674, 678, 679, 680, 682, 683, 732, 739, 755, 756, 757, 759, 847, 851, 852, 853, 854, 855, 857, 869, 872, 930, 931, 935, 939, 941, 974, 989
Dim: 15mm ID x 46mm OD x 14mm W
Features:
• Premium Quality

10-3022-4W
Ball Bearing
Dbl. Sealed

Same as 10-3022-4 except...
Features:
• WBD



10-3031-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi IR/IF Alternators (D.E.)
Replaces: Ref. Nos. B15-86D, TMB303LUX
Lester Nos: 13183, 13196, 13211, 13213, 13227, 13231, 13237, 13238, 13249, 13251, 13253, 13257, 13265, 13266, 13271, 13272, 13282, 13289, 13290, 13293, 13295, 13297, 13298, 13299, 13303, 13314, 13332, 13337, 13350, 13352, 13416, 13432, 13480, 14655, 14656, 14718, 14723, 14724, 14725, 14905
Dim: 15mm ID x 47mm OD x 14mm W
Features:
• Premium Quality

10-3031-4W
Ball Bearing
Dbl. Sealed

Same as 10-3031-4 except...
Features:
• WBD



10-3032-4
Ball Bearing
Dbl. Sealed

For: Ford 3G Series IR/IF (D.E.), Mitsubishi IR/IF Alternators (D.E.)
Unit Nos: Ford F5PZ-10346-GA, F6UZ-10346-SA; Mitsubishi A4T01493, A4T01893
Lester Nos: 13351, 13435, 7785
Dim: 17mm ID x 47mm OD x 24mm W
Features:
• Premium Quality

10-3032-4W
Ball Bearing
Dbl. Sealed

Same as 10-3032-4 except...
Features:
• WBD



10-3041-4
Ball Bearing
Dbl. Sealed

For: Nippondenso IR/IF Alternators (D.E.)
Replaces: Ref# 382
Lester Nos: 13234, 13240, 13241, 13277, 13319, 13322, 13338, 13339, 13392, 13397, 13411, 13455, 13456, 13482, 13486, 13496, 13499, 13500, 13512, 13536, 13659, 13670, 13671, 13673, 14454, 14455, 14611, 14671, 14683, 14847, 14849, 14974
Dim: 15mm ID x 52mm OD x 16mm W
Features:
• Premium Quality

10-3041-4W
Ball Bearing
Dbl. Sealed

Same as 10-3041-4 except...
Features:
• WBD



10-3042-4
Ball Bearing
Dbl. Sealed

For: Nippondenso ER/IF, IR/IF Alternators (D.E.)
Replaces: Ref# 333
Dim: 17mm ID x 52mm OD x 16mm W
Features:
• Premium Quality

10-3042-4W
Ball Bearing
Dbl. Sealed

Same as 10-3042-4 except...
Features:
• WBD



10-3043-4
Ball Bearing
Dbl. Sealed

For: Bosch IR/EF, IR/IF Alternators (D.E.); Ford 6G Series IR/IF Alternators (D.E.)
Replaces: Bosch 1-120-905-012, -054, -055, -070, -089, -510, -520
Unit Nos: Bosch 0-120-465-003, -004, -013, -014, -015, -016, -017; 0-120-468-019, -020, -025, -026, -027, -030 to -033, -048, -049, -057 to -064, -070, -071, -072, -078, -102, -103, -112; 0-120-469-744, -745, -811, -812, -896, -897, -912, -927, -928, -943, -969, -974, -984, -985; 0-120-485-011, -012, -022, -048; 0-120-489-323 to -328, -330; 0-123-214-002; 0-123-310-022, -041, -044; 0-123-315-005, -013; 0-123-320-010, -011, -016, -020, -035, -039, -044, -045, -046, -052, -057; 0-123-335-001 to -006; 0-123-500-001, -002; 0-123-505-007, -009, -017; 0-123-510-002, -004, -013, -018, -021, -023, -028, -033, -040, -051, -059, -061, -066, -067, -068, -073, -079, -080, -088; 0-123-515-002, -004, -010, -030; 0-123-520-003, -006, -007, -008, -012, -017, -019, -021; 0-123-540-002, 0-123-545-004
(cont'd.)

(cont'd.)
Lester Nos: 13243, 13260, 13269, 13270, 13356, 13357, 13359, 13360, 13363, 13364, 13366, 13367, 13372, 13376, 13465, 13469, 13526, 13610, 13611, 13613, 13623, 13624, 13631, 13710, 13729, 13734, 13772, 13779, 13793, 13797, 13798, 13811, 13812, 13819, 14820, 7797
Dim: 17mm ID x 52mm OD x 17mm W
Features:
• Premium Quality

10-3043-4W
Ball Bearing
Dbl. Sealed

Same as 10-3043-4 except...
Features:
• WBD



10-3044-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi IR/IF Alternators (D.E.)
Unit Nos: Mitsubishi A3T08491, A3T12291, A3T12291A, A3T12491, A3T14491, A3TA0791, A3TA0791A, A3TA1191, A3TA1191A, A4T03091, A4T03191, A6T41491, A6T41591
Lester Nos: 13351, 13435, 13446, 13447, 13448, 13596, 13597, 13615, 13692, 13786
WAI Ref. Nos: 1-1432-01MI, 1-1589-01MI, 1-1590-01MI, 1-1595-01MI, 1-1600-01MI, 1-1958-01MI, 1-2076-01MI, 1-2115-01MI, 1-2147-01MI, 1-2203-01MI
Dim: 17mm ID x 52mm OD x 18mm W
Features:
• Premium Quality

10-3044-4W
Ball Bearing
Dbl. Sealed

Same as 10-3044-4 except...
Features:
• WBD



10-3051-4
Ball Bearing
Dbl. Sealed

For: Nippondenso 24V, IR/EF Alternators (D.E.)
Unit Nos: Nippondenso 100211-086, 100211-089
Dim: 25mm ID x 62mm OD x 19mm W
Features:
• Premium Quality



10-3052-4
Ball Bearing
Dbl. Sealed

For: Bosch 24V, IR/EF Alternators (D.E.)
Replaces: Bosch 1-120-905-043
Unit Nos: Bosch 0-122-469-001, 0-122-469-002, 0-122-469-003, 0-122-469-004; Hitachi LR165-02; Mitsubishi A4T25599, A4T25699, A4T25788, A4T58986
Dim: 25mm ID x 62mm OD x 24mm W
Features:
• Premium Quality



10-7109-1
Ball Bearing
Sgl. Shielded, One Side Open

For: Magnetos
Replaces: Fairbanks Morse C5949; Prestolite 25-27; Ref# 7109
Dim: 15mm ID x 35mm OD x 9mm W



10-9041-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi OSGR Starters (D.E.)
Replaces: Ref# 6904DW
Unit Nos: Delco 1998518, 1998545, 10455706, 22511854, 22515863, 22522853, 22523207; Mitsubishi M1T50371, M1T50671, M2T56071, M2T56181, M2T56471, M2T60071, M2T60171, M2T60371, M2T66371, M3T66073, M3T66074, M4T66074, M4T66173
Lester Nos: 16744, 16799, 16853, 16854, 16868, 16869, 16870, 16871, 17008, 17036
WAI Ref. Nos: 2-1138-MI, 2-1169-MI, 2-1170-MI, 2-1249-MI, 2-1406-MI, 2-1407-MI, 2-1408-MI, 2-1451-MI, 2-1551-MI, 2-1732-MI, 2-1963-MI
Dim: 18.8mm ID x 37mm OD x 9mm W
Note: With bushing
Features:
• Premium Quality



10-9061-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi PMGR Starters (D.E.)
Replaces: Ref# 6906DW
Unit Nos: Mitsubishi M0T60081, M0T60181, M1T60281, M1T60285, M1T60381
Lester Nos: 17425, 17683, 17685
WAI Ref. Nos: 2-1121-MI, 2-1444-MI, 2-1847-MI, 2-1848-MI
Dim: 30mm ID x 47mm OD x 9mm W
Note: With 2-grooves in bore
Features:
• Premium Quality

ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARINGS (cont'd.)



10-62304-4
Ball Bearing
Dbl. Sealed

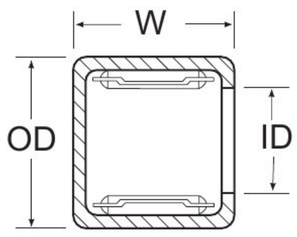
For: Bosch IR/EF Alternators (D.E.)
Replaces: Bosch 1-120-905-005
Unit Nos: Bosch 0-120-469-686, 0-120-469-687
Dim: 17mm ID x 52mm OD x 21mm W
Features:
• Premium Quality



10-62322-4
Ball Bearing
Dbl. Sealed

For: Bosch 12-24V, IR/EF Alternators (D.E.)
Replaces: Bosch 1-120-905-035
Unit Nos: Bosch 0-120-468-028, 0-120-468-054, 0-120-468-055, 0-120-468-136
Lester Nos: 12131
WAI Ref. Nos: 1-2045-01BO
Dim: 22.2mm ID x 56mm OD x 21mm W
Features:
• Premium Quality

NEEDLE BEARING DIMENSION CHART



ID (mm)	OD (mm)	W (mm)	WAI No.	Design	Note
5	9	9	8-9108	Open End	
6	10	8	8-203	Open End	
		9	8-9109	Open End	
6.4	11.1	11	8-114	Open End	
9	13	10	8-9110	Open End	
		12	8-130	Open End	
9.5	14.3	7.9	8-113	Open End	
10	14	10	8-9106	Open End	
		13.8	8-9400	Closed End	
	15	15	8-8301	Closed End	
11	15.5	14.3	8-8200	Closed End	
	16	12.7	8-118	Open End	
12	16	10	8-201	Open End	
12.7	17.5	14.2	8-702	Closed End	
15	21	12	8-8101	Open End	
16	20.6	12.5	8-202	Open End	
17	23.8	17	8-101-1	Closed End	Torrington
			8-101-2	Closed End	INA
			8-101-5	Closed End	Best Value
			8-122	Closed End	Used w/ 8-121 Inner Race
		17.4	8-501	Open End	
		19.6	8-103	Closed End	Double Seal
		20	8-102	Closed End	
		22	8-119	Closed End	
		31.5	8-109	Closed End	
		33	8-128	Closed End	Double Seal
	24	20	8-8201	Closed End	
18	24	16	8-9104	Open End	
19	25.4	14	8-204	Open End	
		19	8-110	Open End	
	31.7	19	8-601	Open End	Used with 8-602 Inner Race
20.5	27	9.5	8-8303	Open End	
22.2	30.2	20.6	8-107	Open End	Used w/ 8-108 Inner Race
	40	11.9	8-104	Open End	Used w/ 8-105 or 8-502 Inner Races
25.4	31.8	9.5	8-115	Open End	
30	37	11.9	8-129	Open End	
47	72	30	8-120	Open End	Roller Bearing & Race

ALTERNATOR - BEARINGS (6-, 8-, 10-)

ROLLER BEARINGS

Chrysler



8-101-1
Needle Bearing
For: Chrysler, Delco, Ford Alternators
Replaces: Chrysler 2095037, 2098512, 3755184; Delco 1957004, 7451326, 7451931, 7454763, 9418076, 9427225, 9432068, 9437305, 9438527, 9441879; Ford D2OZ-10A304-A, D4HZ-10A304-A; Leece-Neville 58734; Prestolite X-3417
Dim: 17mm ID x 23.8mm OD x 17mm W, Closed End
Features:
- Premium Quality
- Mfd. by Torrington

8-101-2
Needle Bearing
Same as 8-101-1 except...
Features:
- Premium Quality
- Mfd. by INA

8-101-5
Needle Bearing
Same as 8-101-1 except...
Features:
- Best Value



8-102
Needle Bearing
For: Chrysler 100-114A; Delco 15SI Series; Leece-Neville 2300-2800JB Series Alternators
Replaces: Chrysler 3874074; Delco 1975322; Leece-Neville 78625
Dim: 17mm ID x 23.8mm OD x 20mm W, Closed End

Delco



8-101-1
Needle Bearing
For: Chrysler, Delco, Ford Alternators
Replaces: Chrysler 2095037, 2098512, 3755184; Delco 1957004, 7451326, 7451931, 7454763, 9418076, 9427225, 9432068, 9437305, 9438527, 9441879; Ford D2OZ-10A304-A, D4HZ-10A304-A; Leece-Neville 58734; Prestolite X-3417
Dim: 17mm ID x 23.8mm OD x 17mm W, Closed End
Features:
- Premium Quality
- Mfd. by Torrington

8-101-2
Needle Bearing
Same as 8-101-1 except...
Features:
- Premium Quality
- Mfd. by INA

8-101-5
Needle Bearing
Same as 8-101-1 except...
Features:
- Best Value



8-102
Needle Bearing
For: Chrysler 100-114A; Delco 15SI Series; Leece-Neville 2300-2800JB Series Alternators
Replaces: Chrysler 3874074; Delco 1975322; Leece-Neville 78625
Dim: 17mm ID x 23.8mm OD x 20mm W, Closed End



8-103
Needle Bearing
For: Delco 10SI/Type 116, 136 Series IR/EF Alternators
Replaces: Delco 1974862
Dim: 17mm ID x 23.8mm OD x 19.6mm W, Closed End
Features:
- Heavy-duty double seal



8-104
Outer Race Roller Bearing
For: Delco 20DN, 25SI (Early) Series; Leece-Neville 3425J, 4425J Series Alternators
Replaces: Delco 7451642, 12333738; Leece-Neville 79406
Dim: 22.2mm ID x 40mm OD x 11.9mm W, Open End
Note: Used w/ 8-105 inner race for Delco applications & 8-502 inner race for Leece-Neville applications



8-105
Inner Race
For: Delco 20DN, 25SI (Early) Series Alternators
Replaces: Delco 12333739
Dim: 17mm ID x 22.1mm OD x 17.5mm W
Note: Used w/ 8-104 roller bearing



8-106
Bearing Repair Sleeve
For: Delco 20DN, 25SI (Early) Series Alternators
Dim: 30.1mm ID x 40mm OD x 39.1mm W
Note: Replaces early style roller bearing set (8-104, 8-105) w/ late style type (8-107, 8-108)



8-107
Outer Race Roller Bearing
For: Delco 25SI, 26SI, 27SI/Type 205, 30SI, 33SI, 34SI Series Alternators
Replaces: Delco 9436064
Dim: 22.2mm ID x 30.2mm OD x 20.6mm W, Open End
Note: Used w/ 8-108 inner race



8-108
Inner Race
For: Delco 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 9436063
Dim: 17mm ID x 22.2mm OD x 25.4mm W
Note: Used w/ 8-107 roller bearing



8-109
Needle Bearing
For: Delco 20SI, 21SI, 22SI, 27SI/Type 200, 29SI, 40SI Series IR/EF Alternators
Replaces: Delco 7451782, 9437171
Dim: 17mm ID x 23.8mm OD x 31.5mm W, Closed End
Note: 8-109 and 8-128 are similar except:
8-109: 31.5mm long
8-128: 33mm long w/ double seal
Features:
• INA



8-119
Needle Bearing
For: Delco 15SI/Type 116, 21SI Series Alternators
Replaces: Delco 9439542, 10472936; Leece-Neville 101414
Dim: 17mm ID x 23.8mm OD x 22mm W, Closed End
Note: With double seal



8-120
Roller Bearing & Race
For: Delco 50DN Series Bus Alternators (Outer D.E.)
Replaces: Delco 9440138
(cont'd.)
Dim:
Roller Brg. 47mm ID x 72mm OD x 30mm W;
Race 30mm ID x 47mm OD x 30mm W, Open End
Note: Used in oiled-cooled alternators only



8-121
Inner Race
For: Delco 15SI, 17SI, CS144 Series IR/EF Alternators (Rotor)
Dim: 10mm ID x 17mm OD x 15mm W
Note: Used w/ 8-122 needle bearing on late style rotors



8-122
Needle Bearing
For: Delco CS144 Series, 140A Alternators
Replaces: Delco 10474368, 10476418, 10491309
Dim: 17mm ID x 23.8mm OD x 17mm W, Closed End
Note: Used w/ 8-121 inner race



8-128
Needle Bearing
For: Delco 22SI, 23SI Series IR/EF Alternators
Replaces: Delco 10483523
Unit Nos: Delco 19011000, 001, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 012, 013, 014, 015, 016, 017, 018, 019
Lester Nos: 8086, 8087, 8088
Dim: 17mm ID x 23.8mm OD x 33mm W, Closed End
Note: 8-109 and 8-128 are similar except:
8-109: 31.5mm long
8-128: 33mm long w/ double seal
Features:
• Double seal



8-501
Needle Bearing
For: Delco 10DN Series; Chrysler Marine Alternators; Leece-Neville 2300-2800JB Series Alternators
Replaces: Delco 9433301, 9437211, 9437221; Leece-Neville 78625
Dim: 17mm ID x 23.8mm OD x 17.4mm W, Open End

Ford



8-101-1
Needle Bearing
For: Chrysler, Delco, Ford Alternators
Replaces: Chrysler 2095037, 2098512, 3755184; Delco 1957004, 7451326, 7451931, 7454763, 9418076, 9427225, 9432068, 9437305, 9438527, 9441879; Ford D2OZ-10A304-A, D4HZ-10A304-A; Leece-Neville 58734; Prestolite X-3417
Dim: 17mm ID x 23.8mm OD x 17mm W, Closed End
Features:
• Premium Quality
• Mfd. by Torrington

8-101-2
Needle Bearing
Same as 8-101-1 except...
Features:
• Premium Quality
• Mfd. by INA

8-101-5
Needle Bearing
Same as 8-101-1 except...
Features:
• Best Value

ALTERNATOR - BEARINGS (6-, 8-, 10-)

ROLLER BEARINGS

Leece-Neville



8-102
Needle Bearing
For: Chrysler 100-114A; Delco 15SI Series; Leece-Neville 2300-2800JB Series Alternators
Replaces: Chrysler 3874074; Delco 1975322; Leece-Neville 78625
Dim: 17mm ID x 23.8mm OD x 20mm W, Closed End



8-104
Outer Race Roller Bearing
For: Delco 20DN, 25SI (Early) Series; Leece-Neville 3425J, 4425J Series Alternators
Replaces: Delco 7451642, 12333738; Leece-Neville 79406
Dim: 22.2mm ID x 40mm OD x 11.9mm W, Open End
Note: Used w/ 8-105 inner race for Delco applications & 8-502 inner race for Leece-Neville applications



8-501
Needle Bearing
For: Delco 10DN Series; Chrysler Marine Alternators; Leece-Neville 2300-2800JB Series Alternators
Replaces: Delco 9433301, 9437211, 9437221; Leece-Neville 78625
Dim: 17mm ID x 23.8mm OD x 17.4mm W, Open End



8-502
Inner Race
For: Leece-Neville 3425J, 4425J Series Alternators
Replaces: Leece-Neville 79424
Dim: 17mm ID x 22.1mm OD x 36.5mm W
Note: Used with 8-104 roller bearing

Lucas



8-702
Needle Bearing
For: Lucas Generators
Used On: Harley-Davidson
Replaces: Lucas UMB110
Dim: 12.7mm ID x 17.5mm OD x 14.2mm W, Closed End

Prestolite



8-601
Outer Race Roller Bearing
For: Prestolite ANB Series Alternators
Replaces: Case A44443; Caterpillar 2L0611, 2L611; Prestolite 90-2058 (set#)
Dim: 19mm ID x 31.7mm OD x 19mm W, Open End
Note: Used with 8-602 inner race



8-602
Inner Race
For: Prestolite ANB Series Alternators
Replaces: Caterpillar 1P1134; Prestolite 90-2058 (set#)
Dim: 12.7mm ID x 19mm OD x 25.4mm W
Note: Used with 8-601 roller bearing

TOLERANCE RINGS



12-100-1
Tolerance Ring
For: Delco CS121, CS130 Series IR/EF Alternators
Replaces: Delco 1989648, 10496501
Note: Also used for repairing worn bearing housings using 6000 ball bearing (WAI 6-100-2, 6-100-4).
Bearing Dim: 10mm ID x 26mm OD x 8mm W.



12-200-1
Tolerance Ring
Note: For repairing worn bearing housings using 6200 ball bearing (WAI 6-200-2, 6-200-4).
Bearing Dim: 10mm ID x 30mm OD x 9mm W.



12-201-1
Tolerance Ring
Note: For repairing worn bearing housings using 6201 ball bearing (WAI 6-201-2, 6-201-4).
Bearing Dim: 12mm ID x 32mm OD x 10mm W.



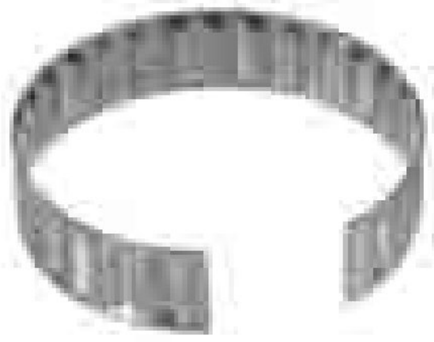
12-202-1
Tolerance Ring
Note: For repairing worn bearing housings using 6202 ball bearing (WAI 6-202-2, 6-202-4).
Bearing Dim: 15mm ID x 35mm OD x 11mm W.



12-203-1

Tolerance Ring

For: Chrysler 40/90, 50/120A Alternators
Replaces: Chrysler 4433831
Note: Also used for repairing worn bearing housings using 6203 ball bearing (WAI 6-203-4, 6-203-4N, 6-203-4W).
Bearing Dim: 17mm ID x 40mm OD x 12mm W.



12-205

Tolerance Ring

Note: For repairing worn bearing housings using 6205 or 6304 ball bearings (WAI 6-205-4, 6-304-4).
6205 Bearing Dim: 25mm ID x 52mm OD x 15mm W.
6304 Bearing Dim: 20mm ID x 52mm OD x 15mm W.

TOLERANCE RING REFERENCE CHART

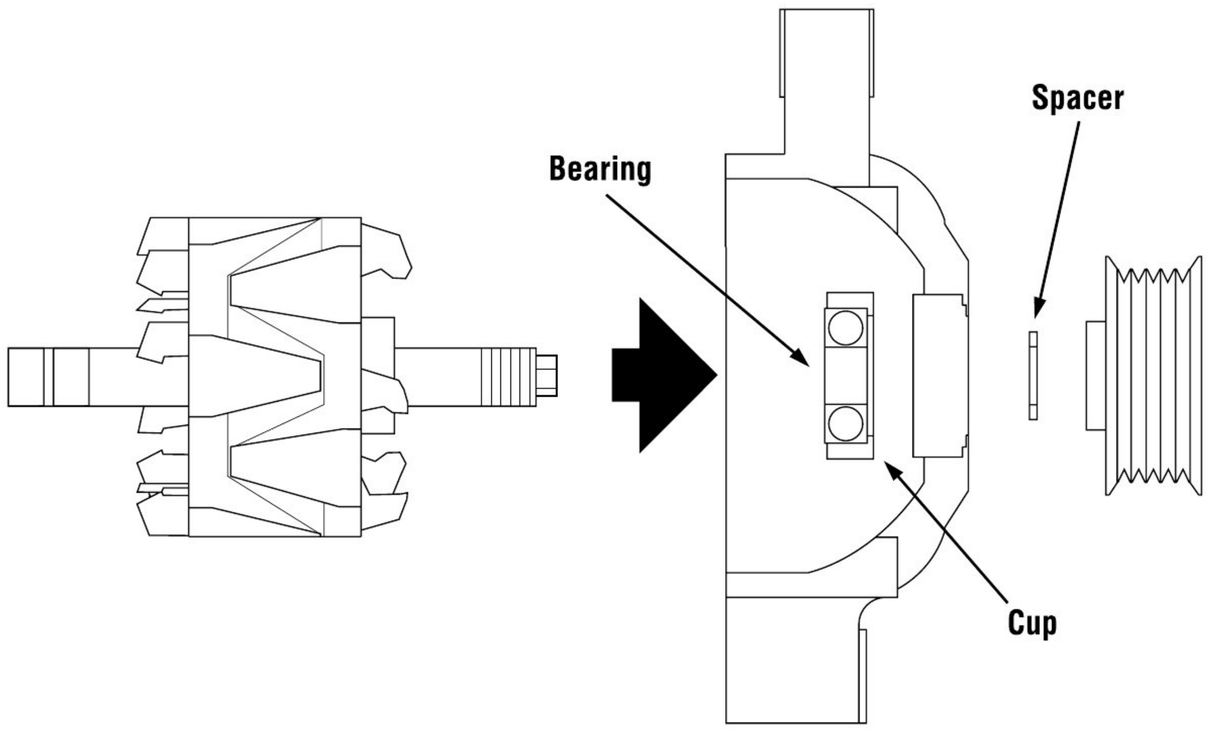


- Repairs severely worn bearing housings.
- Metal Tolerance Rings are compression sleeves specially designed to mount ball bearings securely with only a light press-fit.
- Each corrugation in a Tolerance Ring acts as an individual spring exerting a uniform compressive force to give a firm grip and prevent outer-race rotation.

WAI No.	Bearing Application			Recommended Housing Bore (in.)
12-100-1	6000	-	-	-
12-200-1	-	6200	-	1.259/1.257
12-201-1	-	6201	-	1.338/1.336
12-202-1	-	6202	6300	1.456/1.454
12-203-1	-	6203	-	1.653/1.651
12-205	-	6205	6304	2.145/2.143

ALTERNATOR - BEARINGS (6-, 8-, 10-)

SUBSTITUTE HARD-TO-GET BEARINGS FOR NIPPONDENSO & MITSUBISHI USING STANDARD BEARINGS AND WAI-DESIGNED CONVERSION PARTS.



Bearing Conversion Instructions

Step 1:

Press standard bearing into bearing cup. (The 46-82552 sleeve should be pressed into the end frame first, followed by the bearing.)

Step 2:

Press bearing on outer race only, with bearing cup into end frame. (Orientation is critical, see illustration.)

Step 3:

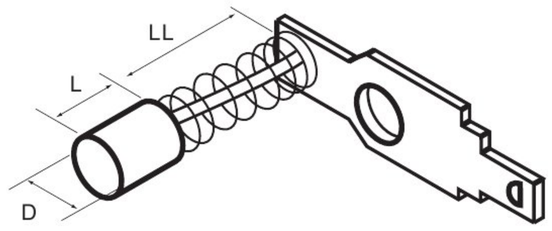
Spacer is installed between pulley and inner race of bearing.

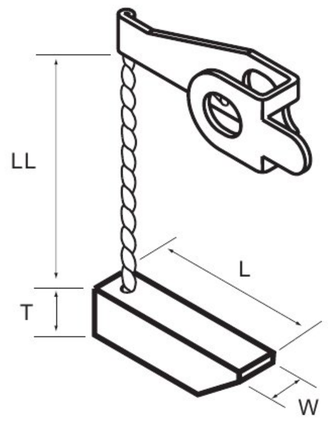
to get this... 

use this... 

ID (mm)	OD (mm)	W (mm)	WAI Bearing (OEM size)	Location	WAI Bearing (Std. Size)	WAI Cup/Sleeve	WAI Spacer
15	35	13	10-2021-4	S.R.E.	6-202-4	—	46-89600
	46	14	10-3022-4	D.E.	6-302-4	46-82550	46-89602
	47	14	10-3031-4	D.E.	6-302-4	46-83551	46-89602
		18	10-1583-4	D.E.	6-302-4	46-83550	46-89603
	52	16	10-3041-4	D.E.	6-302-4	46-82553	46-89607
17	47	18	10-1594-4	D.E.	6-303-4	—	46-89601, 46-89605
	52	16	10-3042-4	D.E.	6-303-4	46-82551	46-89604

ALTERNATOR BRUSH DIMENSION CHART





To determine thickness vs width, thickness will always be the smaller dimension.

T / D (mm)	W (mm)	L (mm)	LL (mm)	Electrical System	WAI No.
4	7	14	28	Ducellier	38-9400
	7.5	12	39	Ford	38-207
					38-207-3
		12.5	15	Ford	38-205
			36	Ford	38-206
			38	Ford	38-204
					38-204-3
		15	31	Ford	38-215
					38-215-3
		18	29	Ford	38-213
			62	Ford	38-216
					38-216-1
		18.5	31	Ford	38-212
4.5	4.5	12.5	20	Lucas	38-9200
					38-9201
	6.5	12.5	30	Ford	38-210
		14	46	Paris Rhone	38-9402
			49	Motorola	38-402
			51	Motorola / Valeo	38-401
		16	28	Ford	38-211
	8	22	36	Delco	38-119
					38-119-3
					38-120
					38-120-3
5	6	22	37	Delco	38-105
					38-105-3
					38-118
					38-118-3
	6.5	12.5	25	Ford	38-202
			27	Ford	38-203
			29	Ford	38-201
	7	15	48	Nippondenso	38-8201
		15.5	56	Hitachi	38-8104
			67	Hitachi	38-8102
		17.5	28	Hitachi	38-8103
					38-8103-3
		21.5	69	Hitachi	38-8105
	8	12.5	17	Delco	38-104
			18	Delco	38-103
			25	Delco	38-102
		14.5	40	Bosch	38-9103
			41	Bosch	38-9102
		16	61	Nippondenso	38-8203
		16.5	19	Delco	38-106

T / D (mm)	W (mm)	L (mm)	LL (mm)	Electrical System	WAI No.
5	8	16.5	19	Delco	38-106-3
		18	51	Bosch	38-9100
					38-9100-3
			69	Mitsubishi	38-8300
					38-8300-3
		18.5	22	Delco	38-110
					38-110-1
					38-110-2
			62	Nippondenso	38-8200
		19	41	Hitachi	38-8106
		20.5	21	Delco	38-107
		21.5	64	Nippondenso	38-8202
		22	73	Ford	38-217-1
					38-217-3
		22.5	22	Delco	38-116
					38-116-3
			25	Delco	38-115
					38-115-3
					38-117
					38-117-3
			31	Delco	38-122
					38-123
					38-123-3
		23	30	Mitsubishi	38-8307
					38-8307-3
		23.5	69	Mitsubishi	38-8305
					38-8305-3
		26	42	Hitachi	38-8107
					38-8107-3
					38-8108
			70	Hitachi	38-8109
		28	72	Hitachi	38-8204
	10	17	36	Bosch	38-9101
5.4	8	47.9	-	Delco	38-121-2
			91	Delco	38-121
					38-121-3
5.5	6.5	14.5	29	Electroprecizia	38-9900
		20	57	Mitsubishi	38-8304
	7	17	52	Mitsubishi	38-8301
		19.5	58	Mitsubishi	38-8302
		23.5	43	Mitsubishi	38-8306
	17	23	53	Lucas	81-92200
	19	18.5	41	Lucas	81-92204
	22	25	25	Bosch	81-91202

ALTERNATOR - BRUSHES (38-)

T / D (mm)	W (mm)	L (mm)	LL (mm)	Electrical System	WAI No.
6	-	9.5	17	Chrysler	38-300
					38-301
					38-302
			19	Chrysler	38-303
					38-304
					38-305
					38-306
	6	12.5	20	Prestolite	38-604
		13	25	Chrysler	38-309
					38-310
	8	19	26	Prestolite	38-603
					38-603-3
6.5	18.5	18	-	Delco Generator	81-1200
	22	20	41	Delco Generator	81-1201
		23.5	44	Delco Generator	81-1206
			48	Delco Generator	81-1204
	22.5	22.5	46	Prestolite Gen.	81-6204
7	19	20.5	-	Ford Generator	81-2200
7.5	-	9.5	18	Chrysler	38-307
					38-308
		12.5	41	Leece-Neville	38-504
			44	Leece-Neville	38-501-1
		22	46	Leece-Neville	38-500
					38-500-3
	16	17	41	Harley-Davidson	81-7200
	23.5	22	23	Ford Generator	81-2202
	25.5	22.5	25	Ford Generator	81-2201
8	20.5	22	41	Delco Generator	81-1203
	22	21	43	Delco Generator	81-1210
		46.5	46	Delco Generator	81-1209

BOSCH



38-9100
Brush
12 Volt

For: Bosch ER/EF, IR/EF Alternators w/ 28mm Dia. Slip Ring
Used On: (1998-71) Alfa Romeo, Audi, BMW, Chrysler, Dodge, Fiat, Hyundai, Jaguar, Mercedes, Mercury, Merkur, Mitsubishi, Opel, Peugeot, Plymouth, Pontiac, Porsche, Saab, VW, Volvo, Yugo; Case IH, John Deere, Thermo King, Volvo White-GMC Truck
Replaces: Bosch 1-124-320-046, 1-124-320-047, 1-124-320-051, 1-124-320-062, 1-124-320-074; 1-127-014-017, 1-127-014-018, 1-127-014-019, 1-127-014-020, 1-127-014-022, 1-127-014-030 (set#)
Lester Nos: 13018, 023, 050, 055, 056, 094, 101, 107, 112, 113, 122, 129, 147, 150-154, 159, 186, 187, 191, 216, 218, 219, 225, 235, 242, 243, 244, 246, 247, 248, 260, 268, 269, 270, 281, 291, 300, 315, 360-375, 378, 379, 469, 528, 602, 603, 604, 607; 14000, 046, 057, 392, 395, 396, 410, 412, 418, 420, 421, 595, 603, 605, 765, 778, 779, 782, 783, 785, 787, 789, 791, 797, 799, 812, 813, 814, 818, 820, 821, 822, 824, 825, 876, 944, 956, 964, 965, 969, 970, 971, 972, 988, 997, 997
Dim: 5mm T x 8mm W x 18mm L x 51mm LL
Note: Insulated lead
Features:
• Premium Quality

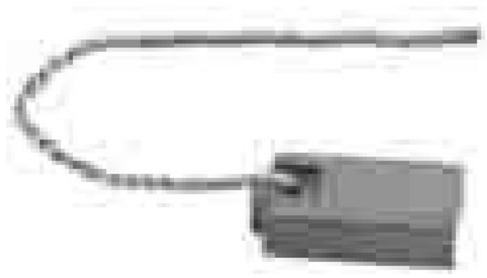
38-9100-3
Brush
12 Volt

Same as 38-9100 except...
Features:
• Best Value



38-9101
Brush
12 Volt

For: Bosch ER/EF Alternators
Used On: (1980-70) Alfa Romeo, BMW, Mercedes, Opel, Porsche, Saab, VW, Volvo
Replaces: Bosch 1-124-320-013, 1-124-320-028, 1-124-320-029; 1-127-014-009 (set no.); Ref# B-131
Lester Nos: 13009, 13011, 13018, 13030, 13034, 13038, 13040, 13069, 13071, 13079, 13162
WAI Ref. Nos: 1-1263-01BO, 1-1274-01BO, 1-1280-01BO, 1-1288-01BO, 1-1303-01BO, 1-1349-01BO, 1-1365-01BO, 1-1555-01BO, 1-1558-01BO, 1-1562-01BO, 1-1575-01BO
Dim: 5mm T x 10mm W x 17mm L x 36mm LL



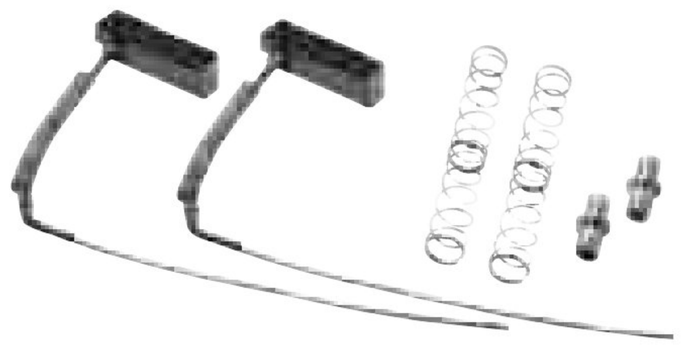
38-9102
Brush
12 Volt

For: Bosch, Iskra ER/EF, IR/EF Alternators w/ 32mm Dia. Slip Ring
Used On: (1989-67) Alfa Romeo, AMC, Audi, BMW, Fiat, Ford, Lancia, Mercedes, Mercury, Opel, Porsche, Saab, VW, Volvo; John Deere, SAME
Replaces: Bosch 1-124-320-024, 1-124-320-027, 1-124-320-040; 1-127-014-011 (set no.); Ref# B-132
Lester Nos: 13025, 033, 036, 039, 048, 050, 055, 056, 058, 061, 069, 071, 073, 079, 080, 093, 094, 101, 107, 108, 109, 112, 113, 116, 122, 129, 138, 147, 150, 151, 152, 153, 154, 159, 161; 14000, 046, 048, 049, 057, 070, 395, 539, 595, 605, 779, 781, 782, 791, 791
Dim: 5mm T x 8mm W x 14.5mm L x 41mm LL
Note: Similar to 38-9103 except 38-9103 has insulated lead



38-9103
Brush
12 Volt

For: Bosch ER/EF, IR/EF Alternators w/ 32mm Dia. Slip Ring
Replaces: Ref# B-132S
Dim: 5mm T x 8mm W x 14.5mm L x 40mm LL
Note: Similar to 38-9102 except 38-9102 has uninsulated lead



38-91800
Brush Kit

For: Bosch IR/IF Alternators
Used On: Alfa Romeo, Audi, BMW, Cadillac, Land Rover, Mercedes, Saab, VW, Volvo
Replaces: Bosch 1-127-014-028
Lester Nos: 13356, 357, 359, 376, 380, 381, 382, 417, 422, 441, 465, 471, 520, 526, 541, 542, 605, 606, 609, 610, 611, 613, 619, 621, 622, 623, 624, 626, 631, 632, 710, 729, 733, 736, 793, 797, 798, 800, 803, 808, 811, 812, 819, 832
Features:
• Premium Quality

38-91800-3
Brush Kit

Same as 38-91800 except...
Features:
• Best Value

ALTERNATOR - BRUSHES (38-)

CHRYSLER



38-300
Brush
12 Volt

For: Chrysler Early Round Back ER/IF Alternators
Replaces: Chrysler 2095039; Ref# C-1
Dim: 6mm D x 9.5mm L x 17mm LL
Note: Used w/ 38-301 brush



38-301
Brush
12 Volt

For: Chrysler Round Back, Square Back ER/IF Alternators
Replaces: Chrysler 3438202; Ref# C-8
Dim: 6mm D x 9.5mm L x 17mm LL
Note: Used w/ 38-300 or 38-302 brush-es



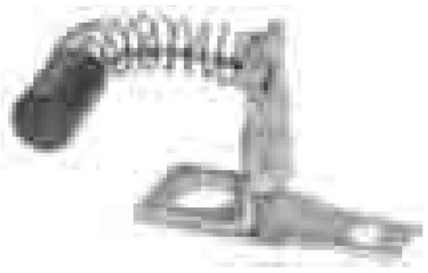
38-302
Brush
12 Volt

For: Chrysler Round Back, Square Back ER/IF Alternators
Replaces: Chrysler 2875374, 2932755; Ref# C-1T
Dim: 6mm D x 9.5mm L x 17mm LL
Note: Used w/ 38-301 brush



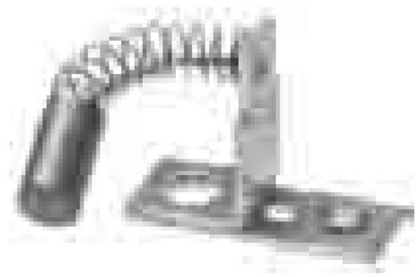
38-303
Brush
12 Volt

For: Chrysler Revised Square Back ER/IF Alternators
Replaces: Chrysler 4091427; Ref# C-16
Dim: 6mm D x 9.5mm L x 19mm LL
Note: Used w/ 38-304 brush



38-304
Brush
12 Volt

For: Chrysler Revised Square Back ER/IF Alternators
Replaces: Chrysler 4091426, 4091445; Ref# C-15
Dim: 6mm D x 9.5mm L x 19mm LL
Note: Used w/ 38-303 brush



38-305
Brush
12 Volt

For: Chrysler Revised Square Back ER/IF Alternators
Replaces: Chrysler 5206920, 5206926, 5206964; Ref# C-17
Dim: 6mm D x 9.5mm L x 19mm LL
Note: 8-32 threaded terminal.
Used w/ 38-306 brush.



38-306
Brush
12 Volt

For: Chrysler Revised Square Back ER/IF Alternators
Replaces: Chrysler 5206923, 5206965; Ref# C-18
Dim: 6mm D x 9.5mm L x 19mm LL
Note: 8-32 threaded terminal.
Used w/ 38-305 brush.



38-307
Brush
12 Volt

For: Chrysler 100-114A ER/EF Alternators
Replaces: Chrysler 3755777; Ref# C-9
Dim: 7.5mm D x 9.5mm L x 18mm LL
Note: Used w/ 38-308 brush



38-308
Brush
12 Volt

For: Chrysler 100-114A ER/EF Alternators
Replaces: Chrysler 3755778; Ref# C-10
Dim: 7.5mm D x 9.5mm L x 18mm LL
Note: Used w/ 38-307 brush



38-309
Brush
12 Volt

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Ref# C-20
Dim: 6mm T x 6mm W x 13mm L x 25mm LL
Note: Used w/ 38-310 brush



38-310
Brush
12 Volt

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Ref# C-21
Dim: 6mm T x 6mm W x 13mm L x 25mm LL
Note: Used w/ 38-309 brush

DELCO



38-102
Brush
12 Volt

For: Delco 10DN Series ER/EF Alternators
Replaces: Delco 1964685; Ref# R-99
Dim: 5mm T x 8mm W x 12.5mm L x 25mm LL
Note: Used w/ 38-103 brush



38-103
Brush
12 Volt

For: Delco 10DN Series ER/EF Alternators
Replaces: Delco 1964688; Ref# R-100
Dim: 5mm T x 8mm W x 12.5mm L x 18mm LL
Note: Used w/ 38-102 brush



38-104
Brush
12 Volt

For: Delco 10SI, 27SI/Type 100 Series IR/EF Alternators
Replaces: Delco 1942360, 1971523; Ref# R-103
Dim: 5mm T x 8mm W x 12.5mm L x 17mm LL



38-105
Brush
12-24 Volt

For: Delco 10SI/Type 116, 136; 15SI/Type 116 Series IR/EF Alternators
Replaces: Delco 1894564; Ref# R-117
Dim: 5mm T x 6mm W x 22mm L x 37mm LL
Note: Similar to 38-118 except 38-118 has harder composition
Features:
• Premium Quality

38-105-3
Brush
12-24 Volt

Same as 38-105 except...
Note: Similar to 38-118-3 except 38-118-3 has harder composition
Features:
• Best Value



38-106
Brush
12 Volt

For: Delco 12SI, 27SI/Type 100 Series IR/EF Alternators
Replaces: Delco 1986583; Ref# R-130
Dim: 5mm T x 8mm W x 16.5mm L x 19mm LL
Features:
• Premium Quality

38-106-3
Brush
12 Volt

Same as 38-106 except...
Features:
• Best Value



38-107
Brush
12 Volt

For: Delco 15SI, 17SI Series IR/EF Alternators
Replaces: Ref# R-119
Dim: 5mm T x 8mm W x 20.5mm L x 21mm LL

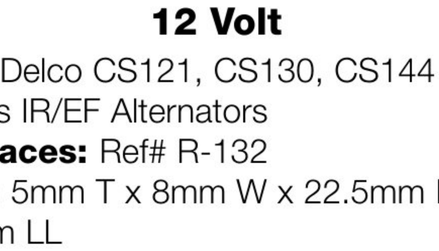


38-110
Brush
12-24 Volt

For: Delco 27SI/Type 200 Series IR/EF Alternators
Replaces: Ref# R-106
Dim: 5mm T x 8mm W x 18.5mm L x 22mm LL

38-110-1
Brush
12-24 Volt

Same as 38-110 except...
Note: Same as 38-110 except 38-110-1 has higher copper content for agricultural applications



38-110-2
Brush
12-24 Volt

Same as 38-110 except...
Note: Same as 38-110 except 38-110-2 is designed to fit 10SI style brush holder for use in 27SI/type 200 applications

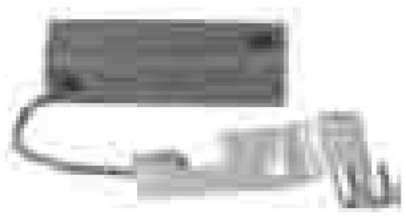


38-115
Brush
12 Volt

For: Delco CS121, CS130, CS144 Series IR/EF Alternators
Replaces: Ref# R-132
Dim: 5mm T x 8mm W x 22.5mm L x 25mm LL
Note: Used w/ 38-116 brush for CS121, CS130 series or used w/ 38-117 brush for CS144 series
Features:
• Premium Quality

38-115-3
Brush
12 Volt

Same as 38-115 except...
Features:
• Best Value



38-116
Brush
12 Volt

For: Delco CS121, CS130 Series IR/EF Alternators
Replaces: Ref# R-133
Dim: 5mm T x 8mm W x 22.5mm L x 22mm LL
Note: Used w/ 38-115 brush
Features:
• Premium Quality

ALTERNATOR - BRUSHES (38-)

DELCO (cont'd.)

38-116-3
Brush
12 Volt

Same as 38-116 except...
Features:
- Best Value



38-117
Brush
12 Volt

For: Delco CS144 Series IR/EF Alternators
Replaces: Ref# R-131
Dim: 5mm T x 8mm W x 22.5mm L x 25mm LL
Note: Used w/ 38-115 brush
Features:
- Premium Quality

38-117-3
Brush
12 Volt

Same as 38-117 except...
Features:
- Best Value



38-118
Brush
12-24 Volt

For: Delco 19SI, 21SI Series IR/EF Alternators
Dim: 5mm T x 6mm W x 22mm L x 37mm LL
Note: Similar to 38-105 except 38-118 has a harder composition
Features:
- Premium Quality

38-118-3
Brush
12-24 Volt

Same as 38-118 except...
Note: Similar to 38-105-3 except 38-118-3 has a harder composition
Features:
- Best Value

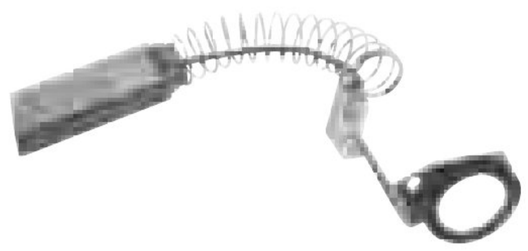


38-119
Brush
12 Volt

For: Delco AD230, AD237, AD244, CS130D Series IR/IF Alternators
Dim: 4.5mm T x 8mm W x 22mm L x 36mm LL
Note: Used w/ 38-120 brush
Features:
- Premium Quality

38-119-3
Brush
12 Volt

Same as 38-119 except...
Features:
- Best Value



38-120
Brush
12 Volt

For: Delco AD230, AD237, AD244, CS130D Series IR/IF Alternators
Dim: 4.5mm T x 8mm W x 22mm L x 36mm LL
Note: Used w/ 38-119 brush
Features:
- Premium Quality
- Terminal designed for both AD Series and CS130D applications

38-120-3
Brush
12 Volt

Same as 38-120 except...
Features:
- Best Value



38-121
Brush
12-24 Volt

For: Delco 22SI Series IR/EF Alternators
Dim: 5.4mm T x 8mm W x 47.9mm L x 91mm LL
Note: Used in 39-110-1 OE design brush holder assy. w/ roll-out tension brush spring
Features:
- Premium Quality
- Brushes w/ sharp edges to reduce vibration

38-121-3
Brush
12-24 Volt

Same as 38-121 except...
Features:
- Best Value



38-121-2
Brush
12-24 Volt

Same as 38-121 except...
Note: Used in 39-110 aftermarket design brush holder assy. w/ coil brush spring
Features:
- Premium Quality



38-122
Brush
Ground

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727, 21025094
Lester Nos: 8232
Dim: 5mm T x 8mm W x 22.5mm L x 31mm LL
Note: Used in 39-111 brush holder assy.



38-123
Brush
Field

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727, 21025094
Lester Nos: 8232
Dim: 5mm T x 8mm W x 22.5mm L x 31mm LL
Note: Used in 39-111 brush holder assy.

38-123-3
Brush
Field

Same as 38-123 except...
Features:
• Best Value

ELECTROPRECIZIA (ROMANIA)



38-9900
Brush
12 Volt

For: Electroprecizia 36A Alternators (Romanian)
Used On: Allis-Chalmers, Long Tractor
Unit Nos: Electroprecizia 1132
Dim: 5.5mm T x 6.5mm W x 14.5mm L x 29mm LL

FORD



38-201
Brush - Field or Ground
12 Volt

For: Ford 1G Series 45-65A ER/EF Alternators
Replaces: Ford C5AZ-10347-A, GB-102 (set#); Ref# F-39
Dim: 5mm T x 6.5mm W x 12.5mm L x 29mm LL



38-202
Brush - Field
12 Volt

For: Ford 1G Series 45-65A ER/EF Alternators
Replaces: Ford C6VY-10347-A, GB-111 (set#); Ref# F-42
Dim: 5mm T x 6.5mm W x 12.5mm L x 25mm LL
Note: Used w/ 38-203 brush



38-203
Brush - Ground
12 Volt

For: Ford 1G Series 45-65A ER/EF Alternators
Replaces: Ford C6VY-10347-A, GB-111 (set#); Ref# F-43
Dim: 5mm T x 6.5mm W x 12.5mm L x 27mm LL
Note: Used w/ 38-202 brush



38-204
Brush
12 Volt

For: Ford 1G Series 70-100A ER/EF Alternators
Replaces: Ref# F-55
Dim: 4mm T x 7.5mm W x 12.5mm L x 38mm LL
Note: Repair brush used to replace 38-206 brush without removing epoxy
Features:
• Premium Quality

38-204-3
Brush
12 Volt

Same as 38-204 except...
Note: Repair brush used to replace 38-206 brush without removing epoxy
Features:
• Best Value



38-205
Brush
12 Volt

For: Ford 1G Series 70-100A ER/EF Alternators
Replaces: Ref# F-56
Dim: 4mm T x 7.5mm W x 12.5mm L x 15mm LL
Note: Used w/ 38-206 brush



38-206
Brush
12 Volt

For: Ford 1G Series 70-100A ER/EF Alternators
Replaces: Ref# F-57
Dim: 4mm T x 7.5mm W x 12.5mm L x 36mm LL
Note: Used w/ 38-205 brush.
For repair brush wo/ male spade terminal use 38-204 brush.



38-207
Brush
12 Volt

For: Ford 2G Series IR/EF Alternators
Replaces: Ref# F-64
Dim: 4mm T x 7.5mm W x 12mm L x 39mm LL
Features:
• Premium Quality

38-207-3
Brush
12 Volt

Same as 38-207 except...
Features:
• Best Value

ALTERNATOR - BRUSHES (38-)

FORD (cont'd.)



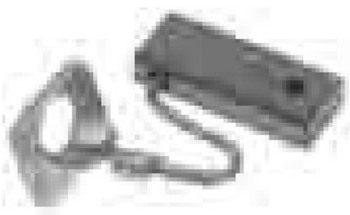
38-210
Brush
12 Volt

For: Ford 1G Series Truck 65-90A ER/EF Alternators
Replaces: Ford D0AZ-10347-B, GB-120-A (set#); Ref# F-46
Dim: 4.5mm T x 6.5mm W x 12.5mm L x 30mm LL
Note: Used in 39-204 brush holder assy.



38-211
Brush
12 Volt

For: Ford 1G Series Truck 65-90A ER/EF Alternators
Replaces: Ford D4HZ-10347-B, GB-304 (set#); Ref# F-60
Dim: 4.5mm T x 6.5mm W x 16mm L x 28mm LL
Note: Used in 39-203 brush holder assy.



38-212
Brush
12 Volt

For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford E6HZ-10347-A, GB-310-A (set#); Ref# F-63
Dim: 4mm T x 7.5mm W x 18.5mm L x 31mm LL
Note: Used in 39-205 brush holder assy.



38-213
Brush
12 Volt

For: Ford 3G Series IR/IF Alternators
Replaces: Ref# F-68
Dim: 4mm T x 7.5mm W x 18mm L x 29mm LL
Note: Used in 1st production brush holder assy. wo/ epoxied leads



38-215
Brush
12 Volt

For: Ford 4G Series IR/IF Alternators
Dim: 4mm T x 7.5mm W x 15mm L x 31mm LL
Features:
• Premium Quality

38-215-3
Brush
12 Volt

Same as 38-215 except...
Features:
• Best Value

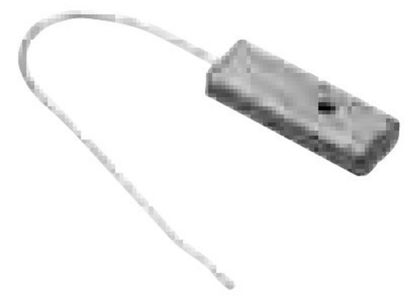


38-216
Brush
12 Volt

For: Ford 3G Series IR/IF Alternators
Dim: 4mm T x 7.5mm W x 18mm L x 62mm LL
Note: Used in 2nd design brush holder assy. w/ epoxied leads
Features:
• Premium Quality

38-216-1
Brush
12 Volt

Same as 38-216 except...
Features:
• Best Value



38-217-1
Brush

For: Ford 6G Series IR/IF Alternators
Dim: 5mm T x 8mm W x 22mm L x 73mm LL
Note: Used w/ 39-2702 brush spring. 38-217-1 has 2-chamfered sides which will fit all 6G regulators, including Ford XW4U-10C359-AB white regulator w/ black cover (WAI 35-213, F601).
Features:
• Premium Quality

38-217-3
Brush

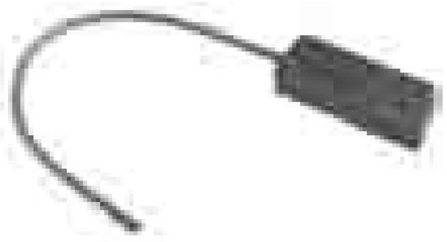
Same as 38-217-1 except...
Features:
• Best Value

HITACHI



38-8102
Brush
12 Volt

For: Hitachi ER/EF, IR/EF Alternators
Used On: (1986-78) Nissan, Subaru; Allis-Chalmers, Massey Ferguson, Yanmar
Replaces: Ref# FA-85
Lester Nos: 12129, 14185, 14231, 14255, 14300, 14301, 14303, 14535, 14585, 14587, 14588, 14592, 14647, 14665, 14721, 14722, 14746, 14747, 14751
WAI Ref. Nos: 1-1096-01HI, 1-1097-01HI, 1-1104-01HI, 1-1109-01HI, 1-1112-01HI, 1-1131-01HI, 1-1251-01HI, 1-1253-01HI, 1-1567-01HI, 1-1569-01HI, 1-2312-01HI, 1-2313-01HI, 1-2314-01HI, 1-2332-01HI
Dim: 5mm T x 7mm W x 15.5mm L x 67mm LL



38-8103
Brush
12 Volt

For: Hitachi ER/EF, IR/EF, IR/IF Alternators
Used On: (1994-70) Infiniti, Nissan, Subaru; Nissan Lift Truck
Lester Nos: 13262, 13324, 14105, 14118, 14119, 14209, 14214, 14230, 14651, 14652, 14661, 14665, 14721, 14742, 14744, 14745, 14751, 14752
WAI Ref. Nos: 1-1094-01HI, 1-1103-01HI, 1-1107-01HI, 1-1111-01HI, 1-1122-01HI, 1-1124-01HI, 1-1131-01HI, 1-1477-01HI, 1-1533-01HI, 1-1566-01HI, 1-1593-01HI, 1-1593-02HI, 1-2099-01HI, 1-2165-01HI
Dim: 5mm T x 7mm W x 17.5mm L x 28mm LL
Features:
• Premium Quality

38-8103-3
Brush
12 Volt

Same as 38-8103 except...
Features:
• Best Value



38-8104
Brush
12 Volt

For: Hitachi IR/IF Alternators
Used On: (1989-84) Isuzu, Nissan
Unit Nos: Hitachi LR145-701, LR150-703; LR170-701B, E; LR170-702B
Lester Nos: 14655, 14717, 14859
WAI Ref. Nos: 1-1105-01HI, 1-1105-02HI, 1-1249-01HI
Dim: 5mm T x 7mm W x 15.5mm L x 56mm LL



38-8105
Brush
12 Volt

For: Hitachi ER/EF, IR/EF Alternators w/ Vacuum Pump
Used On: (1987-81) Chevrolet, Hino, Isuzu, Isuzu Truck, Nissan, Pontiac (Diesel)
Lester Nos: 14586, 14613, 14615, 14645, 14648, 14649, 14653, 14654, 14663, 14730, 14731, 14735, 14753, 14858, 14874, 14952
WAI Ref. Nos: 1-1113-01HI, 1-1116-01HI, 1-1121-01HI, 1-1129-01HI, 1-1130-01HI, 1-1236-01HI, 1-1247-01HI, 1-1426-01HI, 1-1516-01HI, 1-1570-01HI, 1-1571-01HI, 1-1940-01HI, 1-1940-02HI, 1-2271-01HI
Dim: 5mm T x 7mm W x 21.5mm L x 69mm LL



38-8106
Brush
12 Volt

For: Hitachi IR/IF Alternators
Used On: (1996-85) Honda, Isuzu, Nissan, Subaru, Yanmar
Lester Nos: 13250, 13273, 13327, 14241, 14242, 14719, 14743, 14859, 14860, 14960, 14979
(cont'd.)
WAI Ref. Nos: 1-1098-01HI, 1-1102-01HI, 1-1120-01HI, 1-1125-01HI, 1-1126-01HI, 1-1126-02HI, 1-1128-01HI, 1-1232-01HI, 1-1233-01HI, 1-1258-01HI, 1-1870-01HI, 1-1880-01HI, 1-2166-01HI, 1-2315-01HI
Dim: 5mm T x 8mm W x 19mm L x 41mm LL
Note: 13mm from back of brush to center of hole



38-8107
Brush
12 Volt

For: Hitachi IR/IF Alternators
Used On: (1996-87) Honda, Infiniti, Isuzu, Nissan, Subaru
Lester Nos: 13273, 13275, 13285, 13287, 13329, 13333, 13334, 13474, 13531, 13533, 13534, 13535, 13564, 14859, 14960
WAI Ref. Nos: 1-1118-01HI, 1-1119-01HI, 1-1120-01HI, 1-1257-01HI, 1-1423-01HI, 1-1425-01HI, 1-1427-01HI, 1-1429-01HI, 1-1877-01HI, 1-1878-01HI, 1-1879-01HI, 1-1880-01HI, 1-1953-01HI, 1-1954-01HI, 1-2448-01HI
Dim: 5mm T x 8mm W x 26mm L x 42mm LL
Note: 16mm from back of brush to center of hole.
38-8107, 38-8108 and 38-8109 are similar except for the location of the brush pin hole.
38-8107: 16mm from back of brush to center of hole
38-8108: 19mm from back of brush to center of hole
38-8109: 22mm from back of brush to center of hole
Features:
• Premium Quality

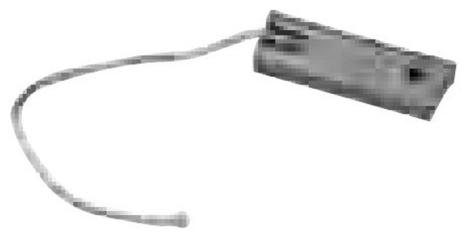
38-8107-3
Brush
12 Volt

Same as 38-8107 except...
Features:
• Best Value



38-8108
Brush
12 Volt

For: Hitachi IR/IF Alternators
Used On: (1996-90) Infiniti, Nissan
Unit Nos: Hitachi LR1100-702; LR1110-701, B; LR1110-702, LR195-701
Lester Nos: 13261, 13477
WAI Ref. Nos: 1-1478-01HI, 1-1583-01HI
Dim: 5mm T x 8mm W x 26mm L x 42mm LL
Note: 19mm from back of brush to center of hole.
38-8107, 38-8108 and 38-8109 are similar except for the location of the brush pin hole.
38-8107: 16mm from back of brush to center of hole
38-8108: 19mm from back of brush to center of hole
38-8109: 22mm from back of brush to center of hole

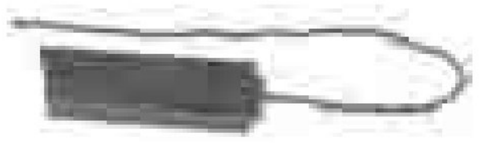


38-8109
Brush
12 Volt

For: Hitachi ED/IF, IR/EF, IR/IF Alternators
Used On: (2000-95) Honda, Infiniti, Isuzu, Mazda, Nissan, Subaru
Unit Nos: Hitachi LR160-725C, -727, -730C, -731; LR170-745, -745B, -748, -748B, -755, -758; LR180-509, -741H, -742, -744, -751; LR185-701, -702; LR190-724, -729, -729C; LR1100-704B, -709; LR1110-705, -705B, -707E; LR1125-702, -702B
Lester Nos: 12335; 13612, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 724, 728, 744, 745, 757
Dim: 5mm T x 8mm W x 26mm L x 70mm LL
Note: 22mm from back of brush to center of hole.
38-8107, 38-8108 and 38-8109 are similar except for the location of the brush pin hole.
38-8107: 16mm from back of brush to center of hole
38-8108: 19mm from back of brush to center of hole
38-8109: 22mm from back of brush to center of hole

ALTERNATOR - BRUSHES (38-)

HITACHI (cont'd.)



38-8204
Brush
12 Volt

For: Hitachi IR/EF; Nippondenso IR/EF Alternators w/ Vacuum Pump
Used On: (1989-84) Nissan, Toyota (Diesel)
Unit Nos: Hitachi LR150-94B; LR150-194B; LR150-197, B; LR160-140B, LR160-151, LR170-22, LR225-86B;
Nippondenso 021000-168, -940; 100210-262, -297; 100213-008, -013, -020, -022, -023, -025, -026, -027, -029, -030, -033, -037, -061, -072; 121000-029, -064, -072, -073, -094, -097, -112, -116, -129, -139, -227, -236
Lester Nos: 14463, 14659, 14660, 14664, 14666, 14667, 14676, 14681, 14749
WAI Ref. Nos: 1-1027-01ND, 1-1072-01ND, 1-1074-01ND, 1-1114-01HI, 1-1115-01HI, 1-1117-01HI, 1-1134-01HI, 1-1941-01ND
Dim: 5mm T x 8mm W x 28mm L x 72mm LL

LEECE-NEVILLE



38-500
Brush
12-32 Volt

For: Leece-Neville 2300-2800JB Series Alternators
Replaces: Leece-Neville 77650; Ref# L-84
Dim: 7.5mm D x 22mm L x 46mm LL
Features:
- Premium Quality
- OE composition for maximum wear
- OE-design wire lead with rugged termination

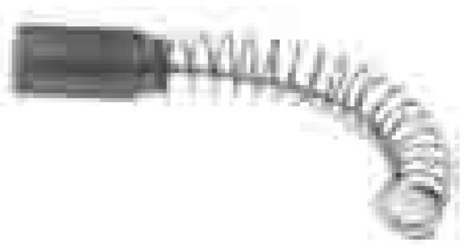
38-500-3
Brush
12-32 Volt

Same as 38-500 except...
Features:
- Best Value



38-501-1
Brush
12-24 Volt

For: Leece-Neville 4400A Series Alternators
Replaces: Leece-Neville 71128; Ref# L-79C
Dim: 7.5mm D x 12.5mm L x 44mm LL



38-504
Brush
12-32 Volt

For: Leece-Neville 3425-3725J, 4400-4700A, 4425-4750J, 7500-7700A & JA Series Alternators
Replaces: Leece-Neville 97893; Ref# L-83
Dim: 7.5mm D x 12.5mm L x 41mm LL

LUCAS



38-9200
Brush
12 Volt

For: Lucas 15, 16, 17, 18, 20, 23, 25ACR Series IR/EF Alternators
Used On: (1985-69) Austin, Jaguar, Lotus, Mercury, MG, Triumph; Massey Ferguson
Replaces: Lucas 54219368, 60600368, ULB103, ULB110 (set#); Ref# F-49
Lester Nos: 13146, 13163, 13164, 14014, 14022, 14023, 14024, 14029, 14030, 14031, 14037, 14050, 14054, 14055, 14056, 14085, 14087, 14088
Dim: 4.5mm T x 4.5mm W x 12.5mm L x 20mm LL
Note: Used w/ 38-9201 brush



38-9201
Brush
12 Volt

For: Lucas 15, 16, 17, 18, 20, 23, 25ACR Series IR/EF Alternators
Used On: (1985-69) Austin, Jaguar, Lotus, Mercury, MG, Triumph; Massey Ferguson
Replaces: Lucas 54219368, 60600368, ULB103, ULB110 (set#); Ref# FA-87
Lester Nos: 13146, 13163, 13164, 14008, 14014, 14022, 14023, 14024, 14029, 14030, 14031, 14037, 14050, 14054, 14055, 14056, 14085, 14087, 14088
Dim: 4.5mm T x 4.5mm W x 12.5mm L x 20mm LL
Note: Used w/ 38-9200 brush
Features:
- Best Value

MANDO



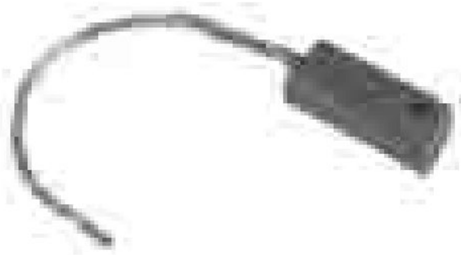
38-8300
Brush
12 Volt

For: Mando IR/IF; Mitsubishi IR/IF Alternators
Used On: (1996-84) Dodge, Eagle, Ford, Hyundai, Mazda, Mercury, Mitsubishi, Nissan, Plymouth, Subaru; Toro
Lester Nos: 12231, 303, 481; 13182, 183, 196, 197, 238, 249, 257, 259, 263, 271, 272, 289, 290, 292, 318, 332, 352, 701; 14243, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 445, 447, 479, 655, 656, 657, 660, 693, 694, 697, 699, 700, 706, 708, 709, 718, 720, 723, 724, 725, 876, 902, 903, 905, 906, 908, 910, 916, 917, 943, 950, 967
Dim: 5mm T x 8mm W x 18mm L x 69mm LL

38-8300-3
Brush
12 Volt

Same as 38-8300 except...
Features:
- Best Value

MITSUBISHI



38-8300
Brush
12 Volt

For: Mando IR/IF; Mitsubishi IR/IF Alternators
Used On: (1996-84) Dodge, Eagle, Ford, Hyundai, Mazda, Mercury, Mitsubishi, Nissan, Plymouth, Subaru; Toro
Lester Nos: 12231, 303, 481; 13182, 183, 196, 197, 238, 249, 257, 259, 263, 271, 272, 289, 290, 292, 318, 332, 352, 701; 14243, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 445, 447, 479, 655, 656, 657, 660, 693, 694, 697, 699, 700, 706, 708, 709, 718, 720, 723, 724, 725, 876, 902, 903, 905, 906, 908, 910, 916, 917, 943, 950, 967
Dim: 5mm T x 8mm W x 18mm L x 69mm LL

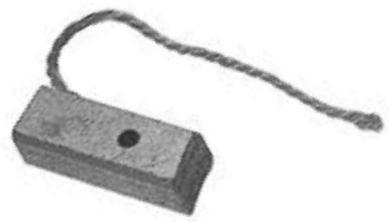
38-8300-3
Brush
12 Volt

Same as 38-8300 except...
Features:
• Best Value



38-8301
Brush
12 Volt

For: Mitsubishi ER/EF Alternators
Used On: (1981-72) Ford, Mazda
Replaces: Ref# FA-66
Unit Nos: Mitsubishi A1T21377, A1T30474, AG2030T, AG2035T, AG2036T, AH2035H7, AH2040H4
Lester Nos: 14194, 14196
WAI Ref. Nos: 1-1147-01MI, 1-1148-01MI
Dim: 5.5mm T x 7mm W x 17mm L x 52mm LL



38-8302
Brush
12 Volt

For: Mitsubishi ER/EF Alternators
Used On: (1981-71) Dodge, Ford, Mazda, Plymouth; Nissan Lift Truck
Replaces: Ref# FA-102
Lester Nos: 14194, 14196, 14199, 14207, 14213, 14234, 14237
WAI Ref. Nos: 1-1111-01MI, 1-1147-01MI, 1-1148-01MI, 1-1158-01MI, 1-1480-01MI, 1-1481-01MI, 1-1482-01MI
Dim: 5.5mm T x 7mm W x 19.5mm L x 58mm LL



38-8304
Brush
12 Volt

For: Mitsubishi ER/EF, IR/EF Alternators
Used On: (1991-78) Chrysler, Dodge, Ford, Mazda, Mitsubishi, Nissan, Peugeot, Plymouth; Toro
Lester Nos: 13249, 13254, 13429, 14213, 14231, 14267, 14268, 14307, 14533, 14550, 14557, 14571, 14596, 14597, 14598, 14600, 14646, 14650, 14690, 14692, 14696, 14698, 14701, 14702, 14703, 14704, 14982
Dim: 5.5mm T x 6.5mm W x 20mm L x 57mm LL



38-8305
Brush
12 Volt

For: Mitsubishi IR/IF Alternators
Used On: (1998-84) Chevrolet, Dodge, Ford, Geo, Honda, Infiniti, Mazda, Mercury, Mitsubishi, Nissan, Subaru, Suzuki
Lester Nos: 13188, 13189, 13190, 13211, 13212, 13213, 13227, 13230, 13231, 13237, 13251, 13253, 13265, 13266, 13282, 13286, 13293, 13295, 13297, 13298, 13299, 13303, 13314, 13337, 13350, 13351, 13406, 13416, 13432, 13435, 13480, 13549, 13608
Dim: 5mm T x 8mm W x 23.5mm L x 69mm LL
Features:
• Premium Quality

38-8305-3
Brush
12 Volt

Same as 38-8305 except...
Features:
• Best Value



38-8306
Brush
12 Volt

For: Mitsubishi IR/EF Alternators
Used On: (1984-82) Mazda; Industrial Applications
Unit Nos: Mitsubishi A1T23479, A1T23579, A1T32779, A2T24884, A2T25479, A2T32386, A2T32583, A2T70772, A2T70774, A2T71183, A2T71683, A2T72186, A2T72483, A2T72986, A2T72987, A2T72999, A2T73387, A3T35172, A4T57986, A4T57987
Lester Nos: 14601, 14705
WAI Ref. Nos: 1-1155-01MI
Dim: 5.5mm T x 7mm W x 23.5mm L x 43mm LL



38-8307
Brush
12 Volt

For: Mitsubishi IR/IF Alternators
Used On: (2005-90) Chevrolet, Chrysler, Dodge, Eagle, Ford, Geo, Honda, Infiniti, Kia, Lincoln, Mazda, Mercury, Mitsubishi, Nissan, Plymouth, Subaru, Suzuki; Yale
Lester Nos: 13227, 336, 350, 415, 430, 432, 439, 445, 446, 447, 448, 450, 451, 460, 473, 478, 511, 523, 559, 575, 577, 580, 584, 585, 586, 587, 596, 597, 598, 614, 615, 616, 650, 692, 698, 700, 716, 718, 735, 750, 751, 752, 764, 780, 786, 787
Dim: 5mm T x 8mm W x 23mm L x 30mm LL
Features:
• Premium Quality

38-8307-3
Brush
12 Volt

Same as 38-8307 except...
Features:
• Best Value

ALTERNATOR - BRUSHES (38-)

MOTOROLA



38-402
Brush
12 Volt

For: Motorola / Prestolite Alternators
Replaces: Ref# M-7
Dim: 4.5mm T x 6.5mm W x 14mm L x 49mm LL
Note: Same as 38-401 except 38-402 has higher copper content

NIPPONDENSO



38-8200
Brush
12 Volt

For: Nippondenso ER/EF, IR/EF Alternators
Used On: (1992-72) Dodge, Honda, Isuzu, Opel, Plymouth, Toyota; Caterpillar, Daihatsu, Hino, John Deere, Kubota, Mitsui-Deutz
Replaces: Ref# FA-57
Lester Nos: 12001; 13140, 168, 169; 14129, 130, 131, 152, 153, 155, 158, 163, 181, 184, 232, 268, 269, 273, 274, 275, 336, 337, 338, 339, 341, 342, 343, 345, 347, 366, 373, 385, 450, 461, 540, 552, 573, 574, 576, 630, 644, 672, 673, 677, 734, 850, 936
Dim: 5mm T x 8mm W x 18.5mm L x 62mm LL



38-8201
Brush
12 Volt

For: Nippondenso ER/IF, IR/IF Alternators
Used On: (2005-83) Acura, Chevrolet, Chrysler, Daihatsu, Dodge, Eagle, Geo, Honda, Isuzu, Jaguar, Jeep, Lexus, Mazda, Plymouth, Sterling, Suzuki, Toyota, Volvo; Toyota Lift Truck
(cont'd.)

(cont'd.)
Lester Nos: 13184, 185, 214, 220, 229, 234, 239, 240, 241, 245, 252, 255, 256, 276, 277, 278, 280, 294, 301, 302, 304-313, 316, 319, 321, 322, 323, 325, 326, 331, 338, 339, 341, 353, 354, 383-398, 407-411, 413, 414, 419, 423, 424, 433, 440, 442, 443, 444, 453-457, 481, 482, 485, 486, 487, 489, 492, 495, 496, 497-502, 506-509, 512, 519, 521, 522, 524, 525, 529, 536-540, 545-548, 551, 552, 553, 556, 557, 558, 562, 569, 578, 592, 593, 594, 659, 668-671, 673, 674, 675, 677, 679, 680, 684, 685, 687, 688, 690, 706, 711, 715, 722, 732, 737, 738, 740-743, 747, 748, 754, 755, 756, 763, 765-769, 776, 790, 794, 806, 822, 823, 824, 842, 844, 858; 14449, 453, 454, 455, 457, 458, 460, 472, 591, 611, 643, 668, 671, 674, 678, 679, 680, 682, 683, 684, 732, 733, 739, 755, 756, 757, 759, 843, 847, 849, 851-855, 857, 869, 870, 872, 930, 931, 935, 937, 939, 940, 941, 974, 989
Dim: 5mm T x 7mm W x 15mm L x 48mm LL



38-8202
Brush
12 Volt

For: Nippondenso IR/EF Alternators
Used On: (1980-78) Toyota; Caterpillar, John Deere
Unit Nos: Nippondenso 021000-656, 021000-658, 021000-659, 021000-675, 021000-741, 021000-781, 021000-787, 021000-788, 021000-790, 021000-846, 021000-875, 100211-007, 100211-008, 100211-0081, 100211-010, 100211-013, 100211-015, 100211-019, 100211-025, 100211-028, 100211-029, 100211-031, 100211-033, 100211-580
Lester Nos: 13143, 14275, 14375, 14573
WAI Ref. Nos: 1-1034-01ND, 1-1046-01ND, 1-1060-01ND, 1-2236-10ND
Dim: 5mm T x 8mm W x 21.5mm L x 64mm LL



38-8203
Brush
12 Volt

For: Nippondenso ER/EF, IR/EF Alternators
Used On: (1987-75) Honda, Toyota
Unit Nos: Nippondenso 021000-565, 021000-615, 021000-755, 021000-756, 021000-820, 021000-871, 021000-872, 021000-912, 021000-913, 021000-914, 021000-977, 021000-982, 021000-983, 121000-032
Lester Nos: 13171, 14131, 14155, 14158, 14273, 14540, 14593, 14617, 14734, 14761
WAI Ref. Nos: 1-1005-01ND, 1-1006-01ND, 1-1021-01ND, 1-1032-01ND, 1-1047-02ND, 1-1056-01ND
Dim: 5mm T x 8mm W x 16mm L x 61mm LL
Note: 1-piece design



38-8204
Brush
12 Volt

For: Hitachi IR/EF; Nippondenso IR/EF Alternators w/ Vacuum Pump
Used On: (1989-84) Nissan, Toyota (Diesel)
Unit Nos: Hitachi LR150-94B; LR150-194B; LR150-197, B; LR160-140B, LR160-151, LR170-22, LR225-86B;
Nippondenso 021000-168, -940; 100210-262, -297; 100213-008, -013, -020, -022, -023, -025, -026, -027, -029, -030, -033, -037, -061, -072; 121000-029, -064, -072, -073, -094, -097, -112, -116, -129, -139, -227, -236
Lester Nos: 14463, 14659, 14660, 14664, 14666, 14667, 14676, 14681, 14749
WAI Ref. Nos: 1-1027-01ND, 1-1072-01ND, 1-1074-01ND, 1-1114-01HI, 1-1115-01HI, 1-1117-01HI, 1-1134-01HI, 1-1941-01ND
Dim: 5mm T x 8mm W x 28mm L x 72mm LL

PRESTOLITE

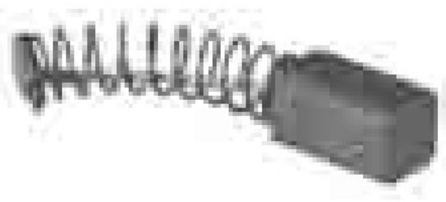


38-603
Brush
24 Volt

For: Prestolite ANB Series Alternators
Replaces: Prestolite 11-70, AMA-1012S (set#); Ref# E-119
Dim: 6mm T x 8mm W x 19mm L x 26mm LL
Features:
- Premium Quality

38-603-3
Brush
24 Volt

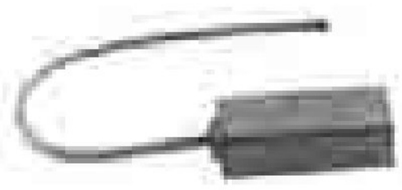
Same as 38-603 except...
Features:
- Best Value



38-604
Brush
12 Volt

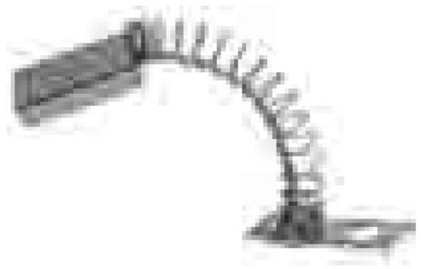
For: Prestolite ALE, ALH, ALK, ANA, ANC, ANE, ANK Series Alternators
Replaces: Prestolite ALE-1013C; 11-73, ALE-1013S (set#); Ref# E-105
Dim: 6mm T x 6mm W x 12.5mm L x 20mm LL

VALEO



38-401
Brush
12-24 Volt

For: Motorola / Valeo, SEV / Valeo Alternators
Replaces: Ref# M-3
Dim: 4.5mm T x 6.5mm W x 14mm L x 51mm LL



38-9400
Brush
12 Volt

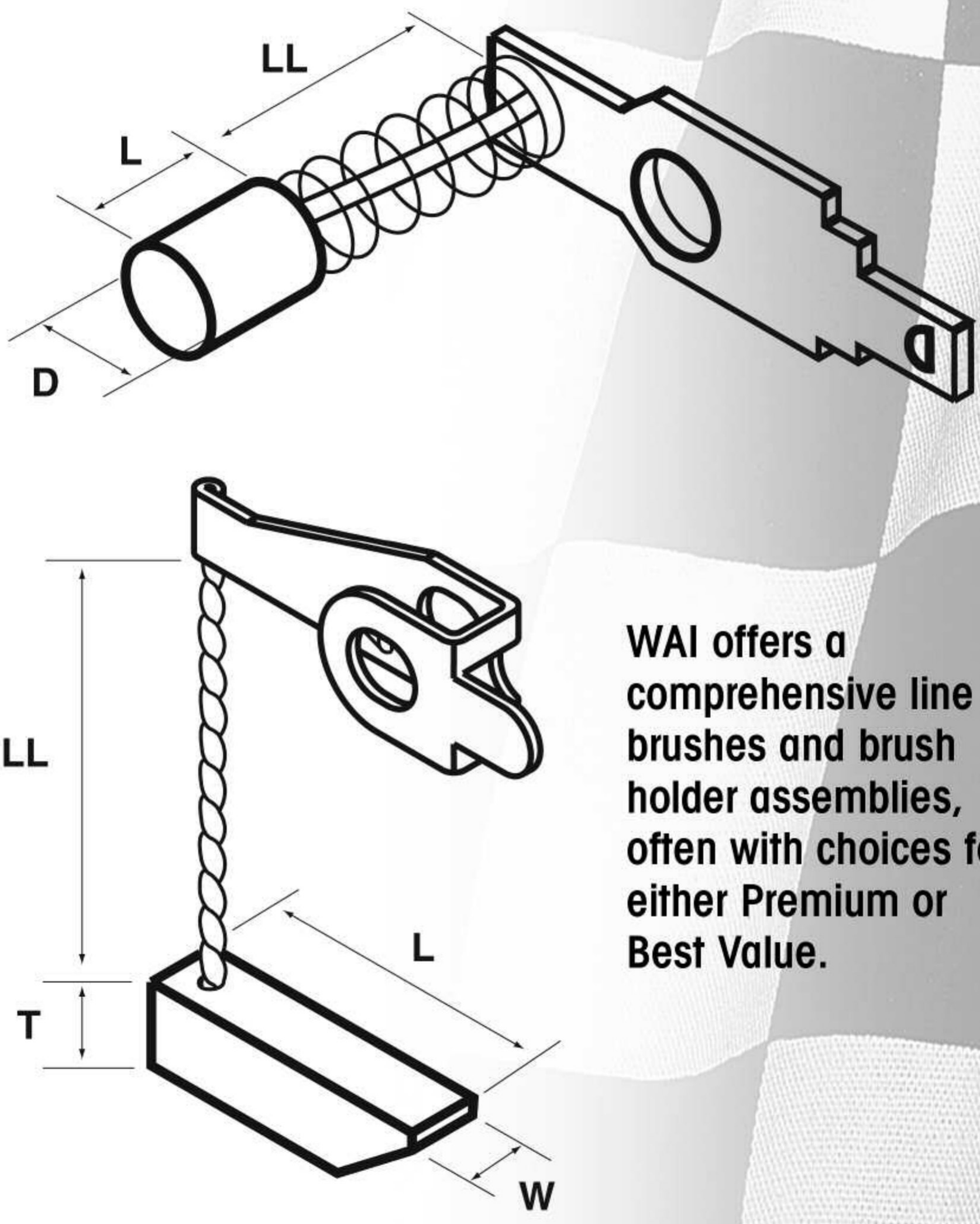
For: Ducellier / Valeo IR/EF Alternators
Used On: (1987-80) DeLorean, Renault
Unit Nos: Ducellier / Valeo 516006, 516008, 516009, 516020, 516025, 516029, 516030, 516034, 516042, 516045, 516047, 516048, 516049
Lester Nos: 14323, 14324, 14327, 14329, 14330, 14582, 14959, 14984
WAI Ref. Nos: 1-1307-01DU, 1-1309-01DU, 1-1310-01DU, 1-1311-01DU, 1-1313-01DU, 1-1314-01DU, 1-1385-01DU
Dim: 4mm T x 7mm W x 14mm L x 28mm LL



38-9402
Brush
12 Volt

For: Paris Rhone / Valeo ER/EF, IR/EF Alternators
Used On: (2005-77) Chevrolet, Eagle, Jeep, Oldsmobile, Peugeot, Pontiac, Porsche, Renault, Volvo; Volvo Penta
Lester Nos: 13224, 13720, 13721, 14039, 14040, 14329, 14331, 14420, 14565, 14566, 14567, 14582, 14594, 14602, 14875, 14892, 14894, 14895, 14899, 14900, 14922, 14953, 14954, 14955, 14957, 14959, 14961, 14963, 14978
WAI Ref. Nos: 1-1294-01PR, 1-1305-01PR, 1-1306-01PR, 1-1307-01PR, 1-1308-01PR, 1-1309-01PR, 1-1310-01PR, 1-1311-01PR, 1-1314-01PR, 1-1331-01PR, 1-1332-01PR, 1-1333-01PR, 1-1334-01PR, 1-1336-01PR, 1-1361-01PR, 1-1362-01PR, 1-1387-01VA, 1-1512-01PR, 1-1579-01PR, 1-1602-01PR, 1-2079-11VA, 1-2151-01VA
Dim: 4.5mm T x 6.5mm W x 14mm L x 46mm LL

BRUSHES



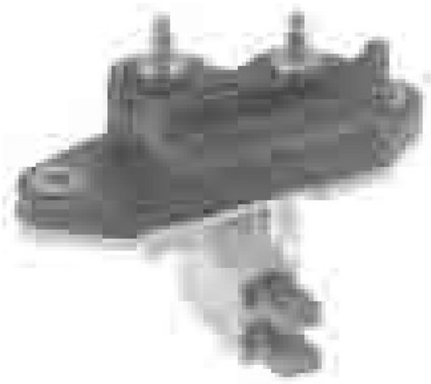
WAI offers a comprehensive line of brushes and brush holder assemblies, often with choices for either Premium or Best Value.

BRUSH HOLDER ASSYS.

Bosch



39-9100
Brush Holder Assy.
For: Bosch ER/EF Alternators
Used On: (1978-70) Audi, BMW, Fiat, Mercury, Opel, Saab, Volvo; John Deere
Replaces: Bosch 1-194-336-010
Lester Nos: 13033, 13036, 13039, 13050, 13058, 13061, 13069, 13071, 13073, 13079, 13138, 14057, 14538, 14539, 14554
WAI Ref. Nos: 1-1274-01BO, 1-1280-01BO, 1-1289-01BO, 1-1304-01BO, 1-1329-01BO, 1-1337-01BO, 1-1349-01BO, 1-1547-01BO, 1-1557-01BO, 1-1561-01BO, 1-1568-00BO, 1-1568-01BO, 1-1568-02BO, 1-1572-01BO, 1-1573-00BO
Components:
38-9102 Brush



39-9102
Brush Holder Assy.
For: Bosch 90-100A ER/EF Alternators
Used On: (1989-85) Chrysler, Dodge, Plymouth
Replaces: Bosch 1-194-336-038
Unit Nos: Bosch 0-120-450-011, 0-120-450-012, 0-120-450-013, 0-120-450-014, 0-120-450-016, 0-120-450-017
Lester Nos: 14789
WAI Ref. Nos: 1-1489-01BO
Components:
38-9100 Brush

39-9102-3
Brush Holder Assy.
Same as 39-9102 except...
Features:
• Best Value

Chrysler



39-300
Brush Holder Assy.
For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 5226942
Unit Nos: Chrysler 5227100, 5227267
Dim: 4mm Mtg. Holes
Note: Used on S.R.E. frames w/ o-ring
Components:
38-309 Brush
38-310 Brush
39-3204 Brush Holder
46-3154 Terminal Post
85-2200 Hex Nut



39-301
Brush Holder Assy.
For: Chrysler 40/90A ER/EF Alternators
Replaces: Chrysler 5226084
Unit Nos: Chrysler 5226200
Dim: 5mm Mtg. Holes
Note: Used on S.R.E. frames w/ o-ring
Components:
38-309 Brush
38-310 Brush
39-3205 Brush Holder
46-3154 Terminal Post
85-2200 Hex Nut



39-302
Brush Holder Assy.
For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 4433160
Unit Nos: Chrysler 4428082, 5233160, 5233199, 5233472, 5233474, 5233508
Dim: 4mm Mtg. Holes
Note: Used on S.R.E. frames w/ tolerance ring
Components:
38-309 Brush
38-310 Brush
39-3206 Brush Holder
46-3154 Terminal Post
85-2200 Hex Nut

Delco



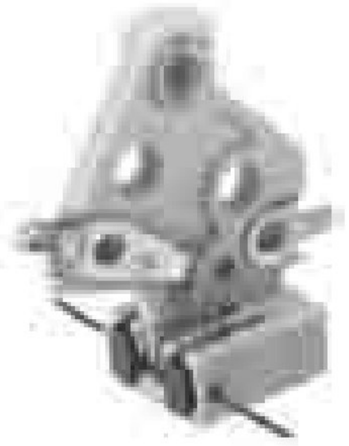
39-100
Brush Holder Assy.
For: Delco 10DN Series ER/EF Alternators
Replaces: Delco 1964682, D722
Components:
38-102 Brush
38-103 Brush
39-1206 Brush Holder
39-1501 Pin
39-1504 Terminal
39-1700 Spring

39-100-3
Brush Holder Assy.
Same as 39-100 except...
Features:
• Best Value

ALTERNATOR - BRUSH HOLDERS (39-)

BRUSH HOLDER ASSYS.

Delco (cont'd.)



39-101
Brush Holder Assy.

For: Delco 10SI, 12SI, 27SI/Type 100 Series IR/EF Alternators
Replaces: Delco 1876876, 1984462, D766
Components:
38-106 Brush
39-1200 Brush Holder
39-1500 Clip
39-1501 Pin
39-1700 Spring
Features:
• Premium Quality

39-101-3
Brush Holder Assy.

Same as 39-101 except...
Features:
• Best Value

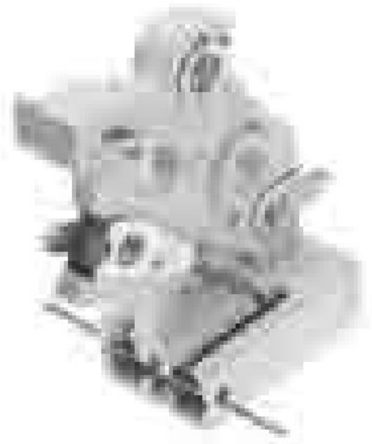


39-102
Brush Holder Assy.

For: Delco 10SI/Type 116, 136 Series IR/EF Alternators
Replaces: Delco 1894559
Components:
38-105 Brush
39-1201 Brush Holder
39-1205 Brush Arm
39-1501 Pin
39-1503 Spacer
39-1702 Spring
46-1166 Relay Terminal
84-1206 Screw
Features:
• Premium Quality

39-102-3
Brush Holder Assy.

Same as 39-102 except...
Features:
• Best Value



39-103
Brush Holder Assy.

For: Delco 15SI, 17SI Series IR/EF Alternators
Replaces: Delco 1988986, 1989719, D770, D776
Components:
38-107 Brush
39-1202 Brush Holder
39-1500 Clip
39-1501 Pin
39-1701 Spring



39-104-3
Brush Holder Assy.

For: Delco 15SI/Type 116, 19SI, 21SI* Series IR/EF Alternators
Replaces: Delco 1979724, 10467934, D785
Lester Nos: 7564, 65; 7641, 42, 44, 59, 60, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 79, , 81, 83, 85, 86; 7853; 7971, ; 8003, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40
Note: *21SI Series does not use 46-1176 relay terminal
Components:
38-118-3 Brush
39-1205 Brush Arm
39-1208-3 Brush Holder
39-1501 Pin
39-1503 Spacer
39-1702 Spring
46-1176 Relay Terminal*
84-1233 Screw
(cont'd.)

(cont'd.)
Features:
• Best Value
• Deep-cavity brush arms



39-105
Brush Holder Assy.

For: Delco 27SI/Type 200 Series IR/EF Alternators
Replaces: Delco 1876873, D766
Components:
38-110-2 Brush
39-1200 Brush Holder
39-1500 Clip
39-1501 Pin
39-1700 Spring



39-106
Brush Holder Assy.

For: Delco CS121, CS130 Series IR/EF Alternators
Replaces: Delco 10472881, 10490180, D789
Components:
38-115 Brush
38-116 Brush
39-1203 Brush Holder
39-1501 Pin
39-1701 Spring



39-107
Brush Holder Assy.

For: Delco CS144 Series IR/EF Alternators
Replaces: Delco 1989702, D775
Note: Early-type brush holder w/ 2-round mtg. sockets
(cont'd.)

(cont'd.)
Components:
38-115 Brush
38-117 Brush
39-1204 Brush Holder
39-1501 Pin
39-1701 Spring



39-108
Brush Holder Assy.

For: Delco CS144 Series IR/EF Alternators
Replaces: Delco 1989702, D775
Note: Late-type brush holder w/ flat mtg. surface for S.R.E. frames w/ U-shaped mtg. support
Components:
38-115 Brush
38-117 Brush
39-1207 Brush Holder
39-1501 Pin
39-1701 Spring

39-108-3
Brush Holder Assy.

Same as 39-108 except...
Features:
• Best Value



39-109
Brush Holder Assy.

For: Delco CS130D Series IR/IF Alternators
Components:
38-119 Brush
38-120 Brush
39-1209 Brush Holder
39-1505 Cap
89-914 Brush Retainer
Features:
• Premium Quality
• Mfd. by WAI

39-109-2
Brush Holder Assy.

Same as 39-109 except...
Features:
• Best Value



39-110
Brush Holder Assy.

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10492749
Note: Aftermarket design w/ coil brush spring
Components:
38-121-2 Brush
39-1703-2 Brush Spring
Features:
• Premium Quality
• Improved design
• Stronger coil brush spring
• Improved brush material for longer life
• Easy installation on 21SI applications, no drilling required



39-110-2
Brush Holder Assy.

Same as 39-110 except...
Note: OE design w/ roll-out tension brush spring
Features:
• Best Value



39-111
Brush Holder Assy.

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727, 21025094
Lester Nos: 8232
Components:
38-122 Brush
38-123 Brush
39-1211 Brush Holder
Features:
• Premium Quality

39-111-3
Brush Holder Assy.

Same as 39-111 except...
Features:
• Best Value



39-112
Brush Holder Assy.

For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8290, 8291
Components:
39-1212 Brush Holder
38-119 Brush
38-120 Brush
39-1505 Cap
89-914 Brush Retainer

ALTERNATOR - BRUSH HOLDERS (39-)

BRUSH HOLDER ASSYS.

Ford



39-200

Brush Holder Assy.

For: Ford 1G Series 40-65A ER/EF Alternators
Replaces: Ford GB-107
Components:
38-201 Brush
39-1501 Pin
39-2200 Brush Holder
39-2700-1 Spring

39-200-3

Brush Holder Assy.

Same as 39-200 except...
Features:
• Best Value



39-201

Brush Holder Assy.

For: Ford 1G Series 70-100A ER/EF Alternators
Replaces: Ford D2OZ-10347-B, GB-128-A
Lester Nos: 7072, 7074, 7705, 7742
Components:
38-205 Brush
38-206 Brush*
39-1501 Pin
39-2700-1 Spring
46-2250 Wire Lead
* For repair brush use 38-204
Features:
• Premium Quality
• Mfd. by WAI

39-201-1

Brush Holder Assy.

Same as 39-201 except...
Features:
• Best Value



39-202

Brush Holder Assy.

For: Ford 2G Series IR/EF Alternators
Replaces: Ford E43Z-10320-A, GC-402
Components:
38-207 Brush
39-1501 Pin
39-2201 Brush Holder
39-2700-1 Spring
Features:
• Premium Quality

39-202-1

Brush Holder Assy.

Same as 39-202 except...
Features:
• Best Value



39-203-3

Brush Holder Assy.

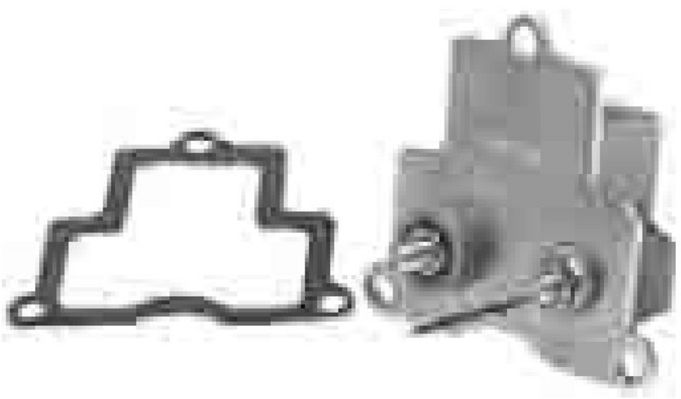
For: Ford 1G Series Truck 65-90A ER/EF Alternators
Replaces: Ford D4HZ-10B363-A, GB-303
Unit Nos: Ford GL-93-C, GL-94-C
Lester Nos: 7068, 7069
Note: Later style brush holder assy. used w/ 22-203 S.R.E. frame.
For early style use 39-204 brush holder assy.
Components:
38-211 Brush
39-1501 Pin
39-2400 Insulator
39-2700-1 Spring
41-2100 Gasket
84-2303 Hex Nut
84-4304 Washer



39-204

Brush Holder Assy.

For: Ford 1G Series Truck 65-90A ER/EF Alternators
Replaces: Ford D0AZ-10B363-A, GB-123
Unit Nos: Ford GL-93-A, -B; GL-94-A, -B
Lester Nos: 7068, 7069
Note: Early style brush holder assy., used w early style S.R.E. frame: Ford C7AZ-10344-A, GH-304.
For later style use 39-203 brush holder assy.
Components:
38-210 Brush
39-1501 Pin
39-2400 Insulator
39-2700-1 Spring
84-2303 Hex Nut
84-4304 Washer



39-205

Brush Holder Assy.

For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford E6HZ-10B363-A, GB-309, GB-309-A
Lester Nos: 7711, 7712, 12222
Components:
38-212 Brush
39-2400 Insulator
39-2700-1 Spring
46-2157 Terminal
84-2303 Hex Nut
84-4304 Washer

39-205-3

Brush Holder Assy.

Same as 39-205 except...
Features:
• Best Value



39-207
Brush Holder Assy.

For: Ford 3G Series IR/IF Alternators
Replaces: Ford F1DZ-10347-A, GB-320
Note: Later-type brush holder assy. w/ epoxied leads. 39-207 will replace early-type brush holder assy. but requires 85-1202 thread-forming screws
Components:
38-216 Brush
39-2700-1 Brush Spring
46-2301 Terminal
Features:
• Mfd. by OE Supplier

39-207-1
Brush Holder Assy.

Same as 39-207 except...
Features:
• Mfd. by WAI

39-207-3
Brush Holder Assy.

Same as 39-207 except...
Features:
• Best Value

Hitachi



39-8105
Brush Holder Assy.

For: Hitachi IR/EF Alternators w/ Vacuum Pump
Used On: (1987-81) Chevrolet, Isuzu, Nissan, Pontiac (Diesel)
Unit Nos: Hitachi LR140-112, LR140-131; LR150-133B, C, E; LR150-146C; LR150-147B, C; LR150-155B, LR150-201B; LR150-205, B; LR155-12C; LR160-96B, C; LR160-97B, C
Lester Nos: 14586, 14613, 14615, 14645, 14648, 14649, 14730, 14731, 14858, 14874
(cont'd.)
WAI Ref. Nos: 1-1113-01HI, 1-1121-01HI, 1-1236-01HI, 1-1247-01HI, 1-1516-01HI, 1-1571-01HI
Features:
• Premium Quality

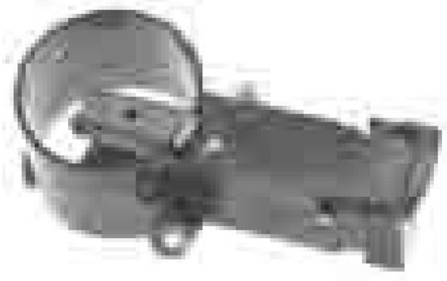
39-8105-1
Brush Holder Assy.

Same as 39-8105 except...
Features:
• Best Value



39-8107
Brush Holder Assy.

For: Hitachi IR/EF Alternators
Used On: (1989-85) Nissan
Unit Nos: Hitachi LR150-94B, LR150-194B, LR150-197, B; LR160-140B, LR225-86B
Lester Nos: 14659, 14664
WAI Ref. Nos: 1-1114-01HI, 1-1115-01HI
Components:
38-8204 Brush



39-8108
Brush Holder Assy.

For: Hitachi IR/IF Alternators
Used On: (1994-90) Infiniti, Nissan
Unit Nos: Hitachi LR160-723, B; LR170-734B, LR170-739, LR180-725, LR180-729
Lester Nos: 13273, 13285, 13287, 13329, 13533
WAI Ref. Nos: 1-1118-01HI, 1-1119-01HI, 1-1425-01HI, 1-1427-01HI, 1-1429-01HI
Components:
38-8107 Brush
Features:
• Mfd. in Japan to OE Specifications



39-8109
Brush Holder Assy.

For: Hitachi IR/IF Alternators
Used On: (1994-90) Subaru
Unit Nos: Hitachi LR170-732B, C
Lester Nos: 13275
WAI Ref. Nos: 1-1257-01HI
Components:
38-8107 Brush
Features:
• Premium Quality
• Mfd. in Japan to OE Specifications

39-8109-3
Brush Holder Assy.

Same as 39-8109 except...
Features:
• Best Value



39-8110
Brush Holder Assy.

For: Hitachi IR/IF Alternators
Used On: (1994-87) Nissan
Unit Nos: Hitachi LR165-708C; LR170-738, C, E; LR170-744
Lester Nos: 13333, 13334
WAI Ref. Nos: 1-1423-01HI, 1-1877-01HI
Components:
38-8107 Brush
Features:
• Premium Quality
• Mfd. in Japan to OE Specifications

39-8110-1
Brush Holder Assy.

Same as 39-8110 except...
Features:
• Best Value

ALTERNATOR - BRUSH HOLDERS (39-)

BRUSH HOLDER ASSYS.

Hitachi (cont'd.)



39-8111
Brush Holder Assy.

For: Hitachi IR/IF Alternators
Used On: (1996-91) Honda, Isuzu, Nissan
Unit Nos: Hitachi LR150-711, LR160-725, LR160-726, LR170-738B
Lester Nos: 13334, 13564, 14859, 14960
WAI Ref. Nos: 1-1423-01HI, 1-1878-01HI, 1-1879-01HI, 1-1880-01HI
Components:
38-8107 Brush
Features:
• Premium Quality

39-8111-3
Brush Holder Assy.

Same as 39-8111 except...
Features:
• Best Value



39-8112
Brush Holder Assy.

For: Hitachi IR/IF Alternators
Used On: (1994-92) Nissan
Unit Nos: Hitachi LR195-701
Lester Nos: 13477
WAI Ref. Nos: 1-1583-01HI
Components:
38-8108 Brush
Features:
• Mfd. in Japan to OE Specifications



39-8114
Brush Holder Assy.

For: Hitachi IR/IF Alternators
Used On: (1996-93) Nissan
Unit Nos: Hitachi LR160-724, LR170-739B; LR180-725B, C, E; LR180-733, B; LR180-734B, C; LR180-736B, LR190-717
Lester Nos: 13329, 13474, 13531, 13533, 13534
WAI Ref. Nos: 1-1120-01HI, 1-1427-01HI, 1-1429-01HI, 1-1953-01HI, 1-1954-01HI
Components:
38-8107 Brush
Features:
• Premium Quality
• Mfd. in Japan to OE Specifications

39-8114-1
Brush Holder Assy.

Same as 39-8114 except...
Features:
• Best Value



39-8116
Brush Holder Assy.

For: Hitachi IR/IF Alternators
Used On: (1999-95) Infiniti, Nissan
Unit Nos: Hitachi LR160-727, LR170-745; LR170-748, B; LR180-741H, LR180-744, LR180-751, LR190-729, LR1100-704B, LR1100-709
Lester Nos: 13636, 13637, 13638, 13640, 13643, 13644, 13724, 13728
WAI Ref. Nos: 1-2001-01HI, 1-2002-01HI, 1-2091-01HI, 1-2092-01HI, 1-2093-01HI, 1-2124-01HI, 1-2125-01HI, 1-2152-01HI, 1-2193-01HI
Components:
38-8109 Brush
Features:
• Premium Quality
• Mfd. in Japan to OE Specifications

39-8116-3
Brush Holder Assy.

Same as 39-8116 except...
Features:
• Best Value



39-8118
Brush Holder Assy.

For: Hitachi IR/IF Alternators
Used On: (2000-95) Honda, Infiniti, Isuzu, Nissan, Subaru
Unit Nos: Hitachi LR160-725C, LR160-731, LR170-755, LR180-742, LR185-701, LR185-702, LR190-724; LR1110-705, B; LR1110-707C, E; LR1125-702, B
Lester Nos: 13612, 13639, 13641, 13642, 13645, 13712, 13744, 13757, 13775
WAI Ref. Nos: 1-1921-01HI, 1-2013-01HI, 1-2014-01HI, 1-2015-01HI, 1-2089-02HI, 1-2090-01HI, 1-2098-01HI, 1-2180-01HI, 1-2192-01HI, 1-2268-01HI
Components:
38-8109 Brush
Features:
• Premium Quality
• Mfd. in Japan to OE Specifications

39-8118-3
Brush Holder Assy.

Same as 39-8118 except...
Features:
• Best Value



39-8119
Brush Holder Assy.

For: Hitachi IR/EF Alternators
Used On: (1986-83) Nissan; Hino, Isuzu Truck (Diesel)
Unit Nos: Hitachi LR140-130P, LR150-403, LR150-434B, LR155-16B, LR160-422B, LR170-401; LR170-404, B, C; LR170-410; LR170-418B, C
Lester Nos: 14615, 14663, 14735, 14753, 14952
WAI Ref. Nos: 1-1116-01HI, 1-1426-01HI, 1-1570-01HI, 1-1940-01HI, 1-1940-02HI, 1-2271-01HI
Features:
• Mfd. in Japan to OE Specifications

ALTERNATOR - BRUSH HOLDERS (39-)

Mitsubishi



39-8300
Brush Holder Assy.

For: Mitsubishi ER/IF Alternators
Used On: (2000-95) Chrysler, Dodge, Eagle, Mitsubishi, Plymouth
Unit Nos: Mitsubishi A2T81192, A2T81292, A2T81391, A2TA3791, A2TA7491, A3T14292
Lester Nos: 13575, 13577, 13580
WAI Ref. Nos: 1-1874-01MI, 1-1928-01MI, 1-1992-01MI
Note: wo/ Capacitor
Components:
38-8307 Brush
Features:
• Best Value



IMB735
(Ref# 39-8301)
Brush Holder Assy.

For: Mitsubishi ER/IF Alternators
Used On: (2001-98) Dodge Neon, Plymouth Neon 2.0L
Unit Nos: Mitsubishi A2TB1491, A2TB2791; Chrysler 4793692, AB; 4794222AA
Lester Nos: 13735
WAI Ref. Nos: 1-2107-01MI
Note: With capacitor. Provides F1-F2 connection.
Features:
• Transpo

Motorola



39-400
Brush Holder Assy.

For: Motorola / Prestolite 8HC, 8LHA, 8MR, 8SA, 12SA Series Alternators
Replaces: Motorola 3-16, 3-46; Prestolite 103-16, 103-46
Components:
38-401 Brush



39-401
Brush Holder Assy.

For: Motorola / Prestolite 8AL/A, 8AR, 8MR/MR Series Alternators
Replaces: Motorola 3-1, 3-15; Prestolite 103-15
Components:
38-401 Brush
Features:
• Best Value



39-403
Brush Holder Assy.

For: Motorola / Prestolite 8E Series Alternators
Replaces: Motorola 3-55; Prestolite 103-55
Components:
38-402 Brushes

Nippondenso



39-8200
Brush Holder Assy.

For: Nippondenso IR/IF Alternators
Used On: (2002-83) Acura, Chevrolet, Daihatsu, Geo, Honda, Isuzu, Sterling, Suzuki, Toyota; Ishikawajima, Toyota Lift Truck
Lester Nos: 13214, 229, 234, 239, 240, 241, 255, 277, 294, 316, 319, 322, 338, 339, 383, 390, 391, 392, 397, 398, 409, 411, 414, 423, 455, 456, 482, 485, 486, 492, 496, 499, 500, 509, 512, 521, 522, 536, 659, 670, 671, 673, 680, 740; 14449, 453, 460, 472, 611, 643, 668, 671, 674, 679, 680, 683, 684, 732, 733, 739, 755, 756, 757, 759, 843, 849, 855, 857, 931, 935, 937, 939, 989, 989
Note: Used w/ 41-82300 seal
Components:
38-8201 Brush
39-82700 Brush Spring
Features:
• Premium Quality

39-8200-1
Brush Holder Assy.

Same as 39-8200 except...
Features:
• Best Value



39-8201
Brush Holder Assy.

For: Nippondenso 75, 90A ER/IF Alternators
Used On: (1989-87) Chrysler, Dodge, Plymouth
Unit Nos: Nippondenso 121000-243, 121000-266, 121000-268
Lester Nos: 13185, 13220, 14869
WAI Ref. Nos: 1-1506-01ND, 1-1506-03ND, 1-1507-01ND
Note: Used w/ 41-82300 seal
Components:
38-8201 Brush
39-82700 Brush Spring
Features:
• Premium Quality

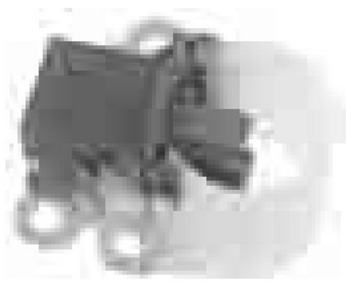
39-8201-1
Brush Holder Assy.

Same as 39-8201 except...
Features:
• Best Value

ALTERNATOR - BRUSH HOLDERS (39-)

BRUSH HOLDER ASSYS.

Nippondenso (cont'd.)



39-8202
Brush Holder Assy.
For: Nippondenso 90-120A ER/IF Alternators
Used On: (2005-85) Chrysler, Dodge, Eagle, Jeep, Plymouth
Replaces: Nippondenso 021620-2430
Lester Nos: 13184, 13185, 13245, 13256, 13280, 13301, 13302, 13304, 13305, 13306, 13307, 13308, 13309, 13310, 13311, 13312, 13313, 13341, 13353, 13354, 13442, 13443, 13444, 13453, 13578, 13592, 13593, 13594, 13741, 13742, 13746, 13763, 13765, 13766, 13790, 13822, 13823, 13824, 13834, 13842
Note: Used w/ 41-82303 or 41-82306 seal; 41-82101 gasket
Components:
38-8201 Brush
39-82700 Brush Spring
46-82400 Plastic Cover
Features:
• Premium Quality

39-8202-1
Brush Holder Assy.
Same as 39-8202 except...
Features:
• Best Value

39-8202-3
Brush Holder Assy.
Same as 39-8202 except...
Features:
• Best Value



39-8203-3
Brush Holder Assy.
For: Nippondenso IR/IF Alternators
Used On: (2005-86) Acura, Chevrolet, Geo, Honda, Isuzu, Jaguar, Lexus, Mazda, Pontiac, Toyota, Volvo; Caterpillar, John Deere
Replaces: Honda 31105-PD1-034, 31105-PR7-A01, 31105-PT0-003; Nippondenso 021620-2530, -2720; Toyota 27370-42010, 27370-75060
(cont'd.)

(cont'd.)
Lester Nos: 12066, 192, 195; 13234, 252, 276, 278, 319, 321, 323, 325, 326, 331, 384, 385, 386, 387, 388, 389, 393, 394, 395, 396, 407, 408, 410, 413, 419, 424, 433, 440, 454, 457, 481, 487, 489, 495, 497, 498, 501, 502, 506, 507, 508, 519, 524, 525, 529, 537, 538, 539, 540, 545, 546, 547, 548, 551, 552, 553, 556, 557, 558, 562, 668, 669, 674, 675, 677, 684, 685, 687, 688, 690, 705, 706, 714, 715, 722, 732, 737, 738, 743, 747, 748, 754, 755, 756, 767, 769, 776, 791, 794, 806, 844, 856, 878, 879, 885; 14684
Note: Used w/ 41-82306 seal, 41-82101 gasket
Components:
38-8201 Brush
39-82700 Brush Spring
46-82400 Plastic Cover
Features:
• Best Value



39-8206
Brush Holder Assy.
For: Nippondenso 120-136A ER/IF Alternators
Used On: (2005) Chrysler, Dodge
Unit Nos: Chrysler 4606755AC; 4868431AF, AG; Nippondenso 421000-022, -023
Lester Nos: 13868, 13871
WAI Ref. Nos: 1-2324-01ND, 1-2505-01ND
Components:
38-8201 Brush
39-82700 Brush Spring
46-82483 Plastic Cover
Features:
• Best Value



39-8207
(Ref# INB420-1)
Brush Holder Assy.
For: Nippondenso 120-160A ER/IF, IR/IF Alternators
Used On: (2005-01) Cadillac, Chrysler, Dodge, Jeep, Pontiac
(cont'd.)

(cont'd.)
Unit Nos: Nippondenso 104210-306, 104210-307, 421000-001, 421000-002, 421000-003, 421000-004, 421000-006, 421000-010, 421000-011, 421000-012
Lester Nos: 13867, 13870, 13871, 13912, 13913, 13914, 13919, 13923
WAI Ref. Nos: 1-2324-01ND, 1-2407-01ND, 1-2407-02ND, 1-2441-01ND, 1-2505-01ND, 1-2507-01ND, 1-2524-01ND, 1-2536-01ND, 1-2540-01ND, 1-2541-01ND
Components:
38-8201 Brush
39-82700 Brush Spring
39-82700 Brush Spring
46-82485 Cover

Prestolite



39-600
Brush Holder Assy.
For: Prestolite ANB Series Alternators
Used On: Case, Caterpillar
Replaces: Case A44445, Caterpillar 1P1145; Prestolite 35-728, ANB-1015-1
Unit Nos: Prestolite ANB-6004, ANB-7001
Components:
38-603 Brush



39-601
Brush Holder Assy.
For: Prestolite ALE, ALK, ANE, ANK Series Alternators
Replaces: Prestolite 35-755, ALK-1020AS
Components:
38-604 Brush

Valeo



39-402
Brush Holder Assy.

For: Motorola / Valeo Alternators
Used On: (1990-74) Audi, DeLorean, Jaguar, Peugeot, VW
Replaces: Motorola 3-35, 3-38; Valeo 503-001, 503-004, 503-020
Lester Nos: 13105, 13106, 14068, 14071, 14073, 14094, 14297, 14401, 14402, 14406, 14408, 14610, 14831, 14832, 14834, 14984
WAI Ref. Nos: 1-1282-01MO, 1-1316-01VA, 1-1322-01VA, 1-1385-01VA, 1-1390-01MO, 1-1392-01MO, 1-1393-01MO, 1-1403-01MO, 1-1404-01MO, 1-1405-01MO, 1-1456-01MO, 1-1534-01VA, 1-1584-01MO, 1-1585-01VA, 1-1587-01MO
Components:
38-401 Brush

BRUSH HOLDER PARTS

Chrysler



39-3200
Brush Holder

For: Chrysler Round Back, Square Back ER/IF Alternators
Replaces: Chrysler 2095038
Note: Used w/ 38-300, 38-302 brushes



39-3201
Brush Holder

For: Chrysler Round Back, Square Back, Revised Square Back ER/IF Alternators
Replaces: Chrysler 3438159
Note: Used w/ 38-301, 38-303, 38-306 brushes



39-3202
Brush Holder

For: Chrysler Revised Square Back ER/IF Alternators
Replaces: Chrysler 4091667
Note: Used w/ 38-304, 38-305 brushes



39-3204
Brush Holder

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 5226925
Dim: 4mm Mtg. Holes
Note: Used in 39-300 brush holder assy. on S.R.E. frames w/ o-ring



39-3205
Brush Holder

For: Chrysler 40/90A ER/EF Alternators
Replaces: Chrysler 5226008
Dim: 5mm Mtg. Holes
Note: Used in 39-301 brush holder assy. on S.R.E. frames w/ o-ring



39-3206
Brush Holder

For: Chrysler 40/90, 50/120 ER/EF Alternators
Dim: 4mm Mtg. Holes
Note: Used in 39-302 brush holder assy. on S.R.E. frames w/ tolerance ring

Delco



39-1200
Brush Holder

For: Delco 10SI, 12SI, 27SI/Type 100, 200 Series IR/EF Alternators
Note: Used in 39-101, 39-105 brush holder assys.
For 27SI/Type 200 OE design use 39-1200-1.
Features:
- Premium Quality
- Universal design

ALTERNATOR - BRUSH HOLDERS (39-)

BRUSH HOLDER PARTS

Delco (cont'd.)

39-1200-3
Brush Holder
Same as 39-1200 except...
Features:
• Best Value
• Universal design



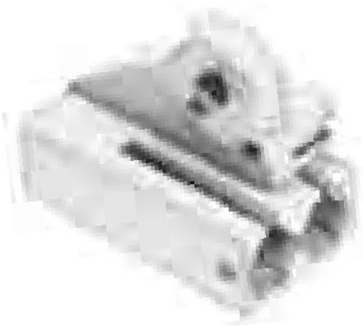
39-1200-1
(Ref# S-1399)
Brush Holder
Same as 39-1200 except...
Features:
• OE 27SI/Type 200 design



39-1201
Brush Holder
For: Delco 10SI/Type 116, 136 Series IR/EF Alternators
Note: Used in 39-102 brush holder assy.



39-1202
Brush Holder
For: Delco 15SI, 17SI Series IR/EF Alternators
Note: Used in 39-103 brush holder assy.

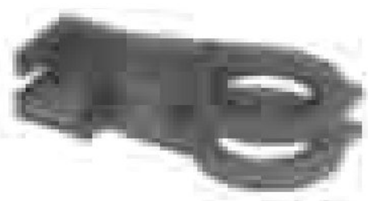


39-1203
Brush Holder
For: Delco CS121, CS130 Series IR/EF Alternators
Note: Used in 39-106 brush holder assy.

39-1203-3
Brush Holder
Same as 39-1203 except...
Features:
• Best Value



39-1204
Brush Holder
For: Delco CS144 Series IR/EF Alternators
Note: Early type brush holder w/ 2-round mtg. sockets used in 39-107 brush holder assy.



39-1205
Brush Arm
For: Delco 10SI/Type 116, 136; 15SI/Type 116, 21SI Series IR/EF Alternators
Note: Used in 39-102, 39-104 brush holder assys.
Features:
• Green color



39-1206
Brush Holder
For: Delco 10DN Series ER/EF Alternators
Note: Used in 39-100 brush holder assy.



39-1207
Brush Holder
For: Delco CS144 Series IR/EF Alternators
Note: Late type brush holder w/ flat mtg. surface used in 39-108 brush holder assy.



39-1208
Brush Holder
For: Delco 15SI/Type 116, 19SI, 21SI Series IR/EF Alternators
Replaces: Delco 1979725
Note: Used in 39-104 brush holder assy.
Features:
• Premium Quality

39-1208-3
Brush Holder
Same as 39-1208 except...
Features:
• Best Value



39-1209
Brush Holder
For: Delco CS130D Series IR/IF Alternators
Note: Used in 39-109 brush holder assy.
Features:
• Premium Quality

39-1209-3
Brush Holder
Same as 39-1209 except...
Features:
• Best Value



39-1211
Brush Holder

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727, 21025094
Lester Nos: 8232
Note: Used w/ 38-122, 38-123 brushes in 39-111 brush holder assy.



39-1212
Brush Holder

For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8288, 8289, 8290, 8291, 8292, 8293, 8490, 8492
Note: Used in 39-112 brush holder assy.



39-1500
Clip - Brush Holder

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, 200 Series IR/EF Alternators
Note: Used in 39-101, 39-103, 39-105 brush holder assys.



39-1501
Pin - Brush Holder

Dim: 1.5mm Dia. x 56mm L, Steel
Note: Used to secure alternator brushes inside brush holder assy. during installation

39-1501-1
Pin - Brush Holder

Same as 39-1501 except...
Dim: 1.5mm Dia. x 56mm L, Plastic Coated Steel
Features:
- Insulated, plastic coated steel pin



39-1503
Spacer - Brush Holder

For: Delco 10SI/Type 116, 136; 15SI/Type 116, 21SI Series IR/EF Alternators
Note: Used in 39-102, 39-104 brush holder assys.



39-1504
Terminal - Brush Holder

For: Delco 10DN Series ER/EF Alternators
Note: Used in 39-100 brush holder assy.



39-1505
Cap - Brush Holder

For: Delco AD230, AD237, AD244, CS130D Series IR/IF Alternators
Note: Used in 39-109, 39-112 brush holder assys.



39-1700
Brush Spring

For: Delco 10DN Series ER/EF; 10SI, 12SI, 27SI/Type 100, 200 Series IR/EF; Nippondenso ER/EF, IR/EF Alternators
Note: Used in 39-100, 39-101, 39-105 brush holder assys.



39-1701
Brush Spring

For: Delco 15SI, 17SI, CS121, CS130, CS144 Series IR/EF Alternators
Note: Used in 39-103, 39-106, 39-107, 39-108 brush holder assys.



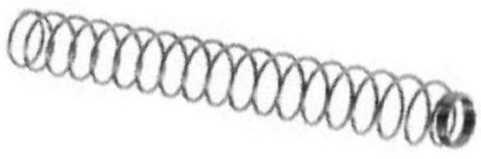
39-1702
Brush Spring

For: Delco 10SI/Type 116, 136; 15SI/Type 116, 21SI Series IR/EF Alternators
Note: Used in 39-102, 39-104 brush holder assys.



39-1703
Brush Spring

For: Delco 22SI Series IR/EF Alternators
Note: Used in 39-110-1 OE design brush holder assy. w/ roll-out tension spring
Features:
- Improved design
- Larger sturdier brush spring



39-1703-2
Brush Spring

For: Delco 22SI Series IR/EF Alternators
Note: Used in 39-110 aftermarket design brush holder assy. w/ coil brush spring

ALTERNATOR - BRUSH HOLDERS (39-)

BRUSH HOLDER PARTS

Ford



39-1501
Pin - Brush Holder
Dim: 1.5mm Dia. x 56mm L, Steel
Note: Used to secure alternator brushes inside brush holder assy. during installation

39-1501-1
Pin - Brush Holder
Same as 39-1501 except...
Dim: 1.5mm Dia. x 56mm L, Plastic Coated Steel
Features:
- Insulated, plastic coated steel pin



39-2200
Brush Holder
For: Ford 1G Series 40-65A ER/EF Alternators
Replaces: Ford C5AZ-10351-A, GY-1011
Note: Used in 39-200 brush holder assy.
Features:
- Premium Quality

39-2200-3
Brush Holder
Same as 39-2200 except...
Features:
- Best Value



39-2201
Brush Holder
For: Ford 2G Series IR/EF Alternators
Note: Used in 39-202 brush holder assy.
Features:
- Premium Quality

39-2201-3
Brush Holder
Same as 39-2201 except...
Features:
- Best Value



39-2203
Brush Holder
For: Ford 3G Series IR/IF Alternators
Features:
- Premium Quality

39-2203-3
Brush Holder
Same as 39-2203 except...
Features:
- Best Value



39-2400
Insulator - Brush Holder
For: Ford 1G Series Truck 65-90A, 1G Series Blue Back Truck 75-90A ER/EF Alternators
Dim: 5mm (No. 10) ID
Note: Used in 39-203, 39-204, 39-205 brush holder assys.



39-2700-1
Brush Spring
For: Ford 1G Series ER/EF, 2G Series IR/EF, 3G Series IR/IF Alternators
Note: Used in 39-200, 39-201, 39-202, 39-203, 39-204, 39-205, 39-207 brush holder assys.

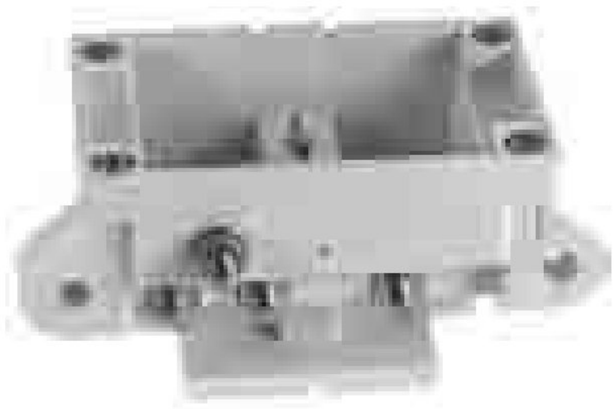


39-2701
Brush Spring
For: Ford 4G Series IR/IF Alternators
Note: Used in 35-208, 35-210 regulator / brush holder assys.



39-2702
Brush Spring
For: Ford 6G Series IR/IF Alternators
Note: Used w/ 39-217 brush. Used in 35-212, 35-213, 35-214 regulator/brush holder assys. w/ epoxied brushes.

Leece-Neville



39-5200
Brush Holder
For: Leece-Neville 2300-2700JB Series Alternators
Replaces: Leece-Neville 79023, 79030
Note: Used w/ 38-500 brushes
Features:
- Premium Quality
- OE thermoset material to withstand hi-heat and resist cracking
- Increased radius at critical joints to reduce chance of cracking
- Knurled brass insert with special recessed groove to prevent pulling out

39-5200-3
Brush Holder

Same as 39-5200 except...
Features:
• Best Value



39-5202
Brush Holder

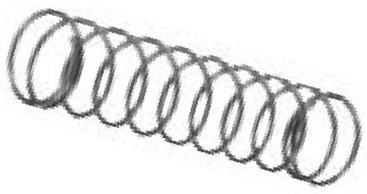
For: Leece-Neville 2200A; 4400-4700A; 7000-7700A Series Alternators
Replaces: Leece-Neville 58777
Note: Used w/ 38-501-1, 38-504 brushes

Nippondenso



39-1700
Brush Spring

For: Delco 10DN Series ER/EF; 10SI, 12SI, 27SI/Type 100, 200 Series IR/EF; Nippondenso ER/EF, IR/EF Alternators
Note: Used in 39-100, 39-101, 39-105 brush holder assys.



39-82700
Brush Spring

For: Nippondenso ER/IF, IR/IF Alternators
Replaces: Honda 31129-PD1-004, Toyota 27372-63020
Lester Nos: 11063, 11116; 12066, 179, 180, 182, 183, 184, 187, 189, 190, 192, 195, 196, 198, 199, 204, 205, 209, 210, 270, 346; 13184, 185, 214, 220, 229, 234, 239, 240, 241, 245, 252, 255, 256, 276, 277, 278, 280, 294, 301, 302, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 316, 319, 321, 322, 323, 325, 331, 338, 339, 341, 353, 354, 383, 384, 385, 386, 387, 388, 389, 390, 391, 393, 394, 395, 396, 397, 398, 407, 408, 409, 410, 413, 414, 419, 423, 424, 440, 442, 443, 444, 453, 454, 455, 456, 457, 481, 482, 485, 486, 487, 489, 492, 495, 496, 497, 498, 499, 501, 502, 503, 506, 507, 509, 512, 519, 521, 522, 524, 525, 529, (cont'd.)

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537, 538, 539, 540, 545, 546, 547, 548, 551, 552, 553, 556, 557, 558, 562, 569, 578, 592, 593, 594, 659, 668, 669, 670, 671, 673, 674, 675, 677, 679, 680, 684, 685, 687, 688, 690, 705, 706, 711, 714, 715, 722, 732, 737, 738, 740, 741, 742, 743, 746, 747, 748, 754, 755, 756, 763, 765, 766, 767, 769, 776, 790, 791, 794, 806, 809, 822, 823, 824, 834, 842, 844, 856, 858, 867, 868, 869, 870, 871, 873, 874, 878, 879, 880, 885, 896, 906, 910, 912, 913, 914, 919, 923, 964; 14449, 453, 454, 455, 457, 458, 460, 472, 611, 643, 668, 671, 674, 678, 679, 680, 682, 683, 684, 732, 733, 739, 755, 756, 757, 759, 843, 847, 849, 851, 852, 855, 857, 869, 870, 872, 926, 930, 931, 935, 937, 939, 940, 941, 974, 989
Note: Used in 39-8200, 39-8201, 39-8202, 39-8203, 39-8206, 39-8207, 39-8208 Brush Holder Assys.

TRANSPO

EXTREME DUTY RECTIFIERS

for Ford 2G Series Alternators



FR192PXD
6-40A Press-fit Diodes
Crimp-weld diode terminations
Excellent heat dissipation
Superior, long-term reliability

FR192BBS
With integral BBS pigtail leads - eliminates the possibility of electrical arcing caused by a loose connection between the rectifier and wiring harness



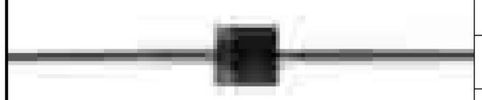


49-2100
RECTIFIER REPAIR HARNESS
Include with your 2G alternators to make sure the installer provides the proper connection between the rectifier and wiring harness. Includes electrical contact gel & installation instructions.

(see page 292 & 585)

ALTERNATOR - DIODES & DIODE TRIOS (TRANSPO)

AXIAL LEAD DIODES



Amp	Reverse/Avalanche V	WAI	Ref#	Note
1.0	-	**8010**	-	
1.5	-	**8015**	32-8904	
2.5	-	**8025**	32-8908	
3.0	-	**8030**	32-8905	

BLOCK DIODES (MITSUBISHI STYLE)



Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
30	-	**32-8300**	8330	**32-8301**	8331	
35	-	**32-8306**	8334	**32-8307**	8335	
40	-	**32-8308**	8340	**32-8309**	8341	

BUTTON DIODES



Amp	Reverse/Avalanche V	WAI	Ref#	Note
25	200V	**32-734**	8125	8.5mm Dia.
50	200V	**32-735**	8150	8.5mm Dia.
		32-779	8170	10mm Dia.
	24-32V Avalanche	**32-705**	8153	10mm Dia.

BUTTON DIODES W/ LEAD



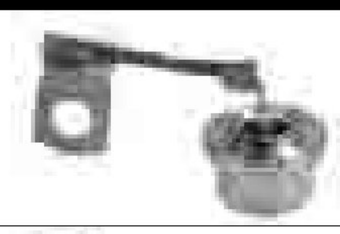
Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
25	200V	**32-726**	8125L	**32-725**	8126L	8.5mm Dia.
50	200V	**32-728**	8150L	**32-727**	8151L	8.5mm Dia.

DISH DIODES



Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
20	-	**32-8910**	7220	**32-8909**	7221	8.4mm Dia.
30	-	**32-8928**	-	**32-8927**	-	8.4mm Dia.
		32-8928-10	-	**32-8927-10**	-	8.4mm Dia.
		32-8918	7230	**32-8917**	7231	9.7mm Dia.

PRESS-FIT DIODES W/ LEAD (1/2")







Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
25	50V, 1mA	**32-101**	-	**32-100**	-	Lead & Flag Terminal
	200V, 0.1mA	**32-108**	8960	**32-107**	8961	Lead & Flag Terminal
35	200V, 0.1mA	**32-112**	-	**32-111**	-	Lead & Flag Terminal
35	200V, 0.1mA	**32-103**	8980	**32-102**	8981	Insulated Lead & Flag Terminal
25	100V, 0.1mA	**32-303**	8824	**32-302**	8825	Hook Lead
35	200V, 0.1mA	**32-307**	8834	**32-306**	8835	Hook Lead

ALTERNATOR - DIODES & DIODE TRIOS (TRANSPO)

PRESS-FIT DIODES (1/2")



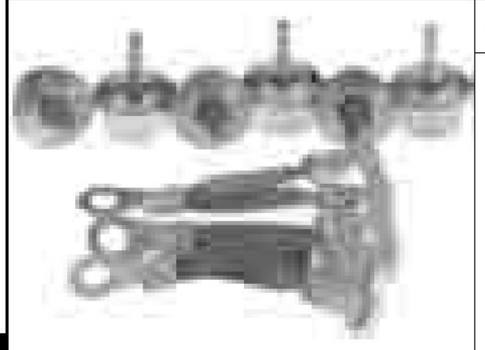
Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
25	50V, 1mA	**32-707**	-	**32-706**	-	1.3mm Dia. Lead
	200V, 0.1mA	**32-749**	8724	**32-748**	8725	1.3mm Dia. Lead
35	100V, 1mA	**32-709**	-	**32-708**	-	1.3mm Dia. Lead
	200V, 0.1mA	**32-774**	8734	**32-773**	8735	1.3mm Dia. Lead
	400V, 0.1mA	**32-763**	-	**32-762**	-	1.3mm Dia. Lead
50	200V, 1mA	**32-711**	-	**32-710**	-	2.5mm Dia. Lead
	200V, 0.1mA	**32-755**	8752	**32-754**	8753	2.5mm Dia. Lead
	24-32V Avalanche	**32-7101**	-	**32-7100**	-	2.5mm Dia. Lead
70	200V, 0.1mA	**32-788**	8772	**32-787**	8773	2.5mm Dia. Lead

PRESS-FIT DIODES W/ LEAD ASSY. (1/2")



Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
35	200V, 0.1mA	**32-501**	LR79084	**32-500**	LR77325	
50	200V, 0.1mA	**32-503**	LR71199	**32-502**	LR71198	

PRESS-FIT DIODE KIT (1/2")



Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
50	200V, 0.1mA	**8752K**	-	**8753K**	-	

PRESS-FIT DIODES (10MM, LUCAS STYLE)



Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
30	-	**32-9201**	9230	**32-9200**	9231	
35	-	**32-9203**	9234	**32-9202**	9235	

PRESS-FIT DIODES (11.5MM, HITACHI STYLE)



Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
30	-	**32-8103**	8630	**32-8102**	8631	
40	-	**32-8105**	8640	**32-8104**	8641	
50	-	**32-8107**	8652	**32-8106**	8653	
	24-32V Avalanche	**32-8109**	8660	**32-8108**	8661	

PRESS-FIT DIODES (13MM, BOSCH STYLE)



Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
40	300V	**32-1040900**	8240	**32-1040901**	8241	Nickel plated lead, 30mm OAL
		32-1040902	-	**32-1040903**	-	Nickel plated lead, 18mm OAL (+), 22mm OAL (-)
		32-1040910	-	**32-1040911**	-	Tin plated lead, 18mm OAL (+), 22mm OAL (-)
		32-1040912	-	**32-1040913**	-	Tin plated lead, 30mm OAL
		32-1040920	-	**32-1040921**	-	Low profile, Tin plated lead, 18mm OAL (+), 22mm OAL (-)
	24-29V Avalanche	**32-1040200**	-	**32-1040201**	8463	20mm OAL
		32-1040202	8462	**-**	-	18mm OAL

ALTERNATOR - DIODES & DIODE TRIOS (TRANSPO)

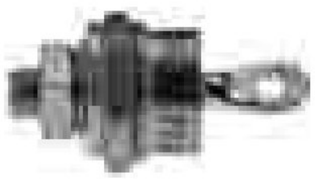
PRESS-FIT DIODES (13MM, BOSCH STYLE) (cont'd.)

	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	50	300V	**32-1050900**	8252	**32-1050901**	8253	Nickel plated lead, 30mm OAL
			32-1050902	-	**32-1050903**	-	Nickel plated lead, 18mm OAL (+), 22mm OAL (-)
			32-1050910	-	**32-1050911**	-	Tin plated lead, 18mm OAL (+), 22mm OAL (-)
			32-1050912	-	**32-1050913**	-	Tin plated lead, 30mm OAL
		20-24V Avalanche	**32-1050100**	8454	**32-1050101**	8455	28mm OAL
		24-29V Avalanche	**32-1050200**		**32-1050201**	-	20mm OAL
			32-1050220	-	**-**	-	18mm OAL
	60	300V	**32-1060900**	-	**32-1060901**	-	Nickel plated lead, 18mm OAL (+), 22mm OAL (-)
			32-1060910	-	**32-1060911**	-	Tin plated lead, 18mm OAL (+), 22mm OAL (-)
			32-1060912	8270	**32-1060913**	8271	Tin plated lead, 32mm OAL
		24-29V Avalanche	**32-1060100**	-	**32-1060101**	-	30mm OAL
			32-1060200	-	**32-1060201**	-	18mm OAL (+), 22mm OAL (-)
		38-43V Avalanche	**32-1060102**	8466	**32-1060103**	8467	30mm OAL
			32-1060202	-	**32-1060203**	-	18mm OAL (+), 22mm OAL (-)
			32-1060302	-	**32-1060303**	-	22mm OAL

SMALL CAN DIODES

	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	20	-	**32-702-1**	8520	**32-701-1**	8521	5/16 Can
	25	-	**32-722**	8524	**32-721**	8525	5/16 Can
	50	-	**32-784**	8550	**32-783**	8551	5/16 Can
	25	-	**32-724**	8534	**32-723**	8535	5/16 Can, Fork Lead

STUD MOUNT DIODES

	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	70	200V	**1120**	32-769	**1120R**	32-768	1/4-28 Stud Mount
	150	200V	**866D**	32-105	**867D**	32-104	3/8-24 Stud Mount
	150	200V	**74992**	-	**74993**	-	3/8-24 Stud Mount, 6" Lead

ALTERNATOR - DIODES & DIODE TRIOS (TRANSPO)

DIODE TRIOS

Bosch



IB112-1
(Ref# 33-9100)
Diode Trio
For: Bosch ER/EF Alternators
Used On: (1977-67) BMW, Mercedes, Porsche, Saab, VW, Volvo
Replaces: Bosch 1-121-099-007
Lester Nos: 13009, 13011, 13014, 13018, 13019, 13025, 13030, 13034, 13038, 13040, 13069, 13071, 13162, 13202, 14388
WAI Ref. Nos: 1-1263-01BO, 1-1274-01BO, 1-1288-01BO, 1-1303-01BO, 1-1349-01BO, 1-1359-01BO, 1-1365-01BO, 1-1555-01BO, 1-1558-01BO, 1-1562-01BO, 1-1575-01BO

Delco



D528
(Ref# 33-100)
Diode Trio
For: Delco 10SI, 12SI, 15SI, 17SI Series IR/EF Alternators
Replaces: Delco 1971528, 1984459, D3922
Features:
• Black case



D572
(Ref# 33-105)
Diode Trio
For: Delco 40SI Series IR/EF Alternators
Replaces: Delco 801572



D797
(Ref# 33-104)
Diode Trio
For: Delco 30SI Series IR/EF Alternators
Replaces: Delco 1876797, 10456389
Features:
• Black case



D985
(Ref# 33-101-1)
Diode Trio
For: Delco 17SI Series 120A, 19SI, 21SI Series IR/EF Alternators
Replaces: Delco 1988985, D3927
Features:
• Transpo



D1001
(Ref# 33-102)
Diode Trio
For: Delco 27SI/Type 100, 200 Series IR/EF Alternators
Replaces: Delco 1977064, D3918, D3921



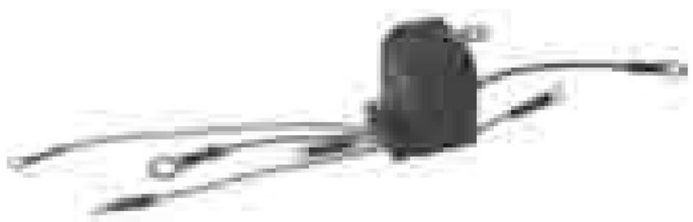
DT22
(Ref# 33-108)
Diode Trio w/ Auto Start Package
For: Delco 22SI Series IR/EF Alternators
Replaces: Delco 10487805
Components:
41-1105 Vibration Dampner



DT182
(Ref# 33-109)
Diode Trio
For: Delco 33SI, 34SI Series Alternators
Replaces: Delco 10491182



DT430
(Ref# 33-114)
Diode Trio
For: Delco 23SI Series IR/EF Alternators
Replaces: Delco 10491430
Features:
• 6A premium axial lead diodes



33-106
Diode Trio
For: Delco 26SI Series IR/EF Alternators
Replaces: Delco 10472644, 10475293
Note: Included in 49-1107, 49-1108 regulator conversion kits for Delco 25SI series alternators



33-107
Diode Trio

For: Delco 20SI Series IR/EF Alternators
Replaces: Delco 1987324
Features:
- Black case

Delco (non-USA)



DET524
(Ref# 33-113-1)
Diode Trio

For: Delco European 11SI Series Alternators
Replaces: Delco 1984032, 3472312, 7982635, D3901; Opel 1205436
Unit Nos: Delco 3472002, 018, 021, 023, 024, 026, 028, 032, 033, 037, 038, 042, 048 thru 053, 057 thru 075, 082, 091, 104, 105, 106, 119, 120, 121, 128, 130, 134, 135, 136, 137, 139, 142, 143, 144; 3493604, 606, 619, 621, 634, 635, 639, 641, 644, 704, 706
Features:
- Black case

Leece-Neville



L79026
(Ref# 33-502)
Diode Trio

For: Leece-Neville 4400-4700J; 7000-7700J Series Alternators
Replaces: Leece-Neville 79026
Features:
- 1A/200V diodes



L79027-1
(Ref# 33-500)
Diode Trio

For: Leece-Neville 2300-2800JB Series Alternators
Replaces: Leece-Neville 79027
Features:
- 3-1A/200V Diodes

L79027HD-1
Diode Trio

Same as L79027-1 except...
Features:
- Heavy Duty
- 6-1A/200V diodes
- Parallel diodes, 2-per phase



L79480
(Ref# 33-501)
Diode Trio

For: Leece-Neville 3425-3725J; 4525-4725J Series Alternators
Replaces: Leece-Neville 79480
Features:
- 1A/200V Diodes

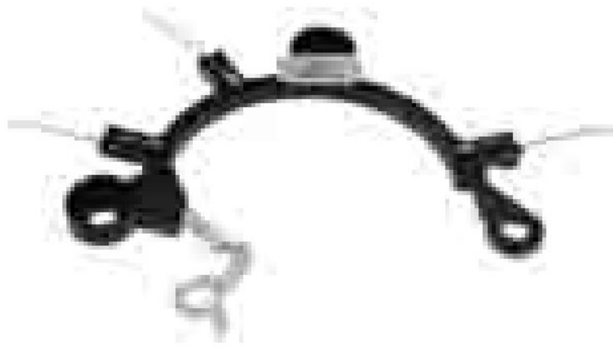
Lucas



84202
Diode Trio

For: Lucas A127 Series IR/EF Alternators
Replaces: Lucas 84202
Lester Nos: 12045, 12046, 12072, 12089, 12090, 12091, 12144, 12239
Note: Used in WAI rectifiers: ILR566-1, ILR567-1, ILR568-1, ILR569-1, ILR570-1, ILR571-1, ILR572-1, ILR573-1, ILR574-1, ILR576-1
Features:
- 3-2.5A diodes
- OE design

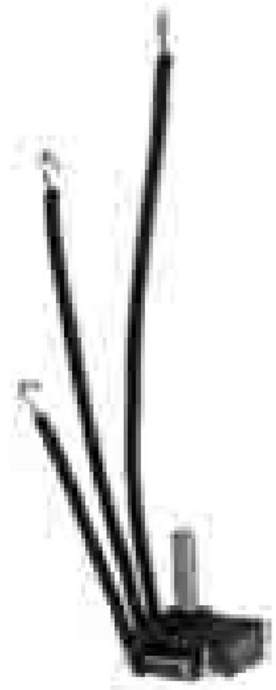
Marelli



IX633
Diode Trio

For: Marelli IR/IF Alternators
Unit Nos: Marelli 63320200, 63320203, 63321234, 63321235, 63321252
Note: Diode trio for IXR633, IXR634 rectifiers.
Features:
- 3-1A/200V diodes

Motorola



M129-1
(Ref# 33-401)
Diode Trio

For: Motorola 9BB, 9BE, 9FB, 9FE Series Alternators
Used On: (1984-74) Audi, VW
Replaces: Motorola 1-129, 1-134; Prestolite 101-129
Unit Nos: Motorola 10-742, -764, -765, -766, -766A, -767, -768, -769, -772; 9BE2KA2A21, 9BE2KD2A40, 9BE2NB2A45, 9BE2NE2A41, 9DA2LA2B07, 9DB2LG2B59, 9FB2KB2A04, 9FB2KB2A06, 9FB2LD2A05, 9FB2LD2A07, 9FE2KB2A06, 9FE2NB2A22, 9FE2NC2A24, 9FE2ND2A42, 9FE2NE2A43, 9FE2NF2A37, 9FE2NF2A44, 9FF2LD2A07, 9GD2NA2A25, 9JG2NA2F42, 9JG2NA2F52, 9JG2ND2F49, 9LG2KA2F4
Lester Nos: 13105, 13106, 13113, 14071, 14073, 14081, 14297, 14401, 14402, 14406, 14408, 14831, 14834
WAI Ref. Nos: 1-1282-01MO, 1-1390-01MO, 1-1392-01MO, 1-1393-01MO, 1-1403-01MO, 1-1404-01MO, 1-1405-01MO, 1-1456-01MO, 1-1584-01MO, 1-1587-01MO
Dim: 10-24 x 3/4 Terminal post
Features:
- 3A/200V diodes

ALTERNATOR - DIODES & DIODE TRIOS (TRANSPO)

DIODE TRIOS

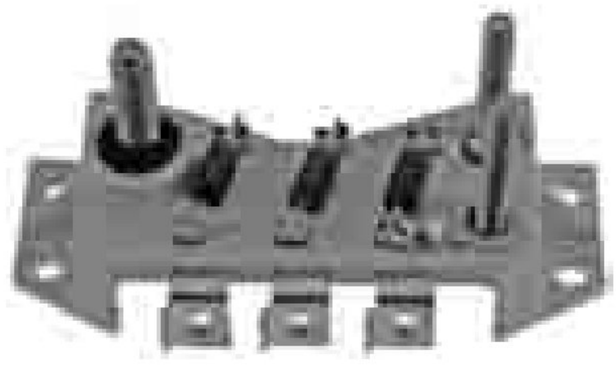
Motorola (cont'd.)



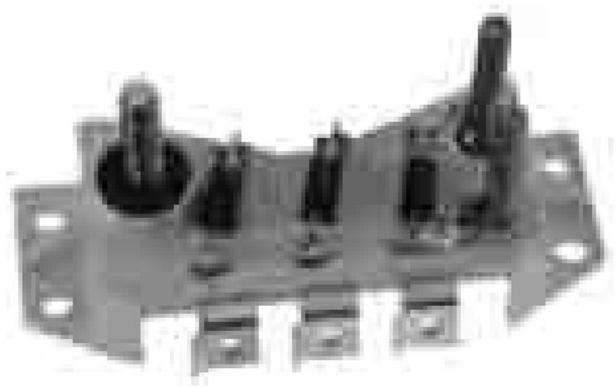
M130-1
(Ref# 33-400)
Diode Trio
For: Motorola / Prestolite 8AL Series Alternators
Replaces: Motorola 1-130; Prestolite 101-130
Dim: 10-24 x 1-1/2 Terminal post
Features:
• 3A/200V diodes



M195
(Ref# 33-404)
Diode Trio
For: Motorola / Prestolite 8SA Series Alternators
Replaces: Motorola 1-182
Unit Nos: Motorola / Prestolite 8SA2004R, 2007R, 3005P, 3006P, 3008P, 3021P, 3033P; 12SA101B, 102A, 102B, 103B, 106A, 106B, 108B, 109A, 109B, 110B, 113A, 113B, 115A, 115B; 110-21, -22, -48, -53, -95, -124, -125, -126, -127, -128, -264, -319;
Lester Nos: 7387, 7388, 7392, 7402, 7409, 7410, 7411, 7585
Dim: 10-24 x 2 Terminal post
Features:
• 3A/200V diodes



M206
(Ref# 33-402)
Diode Trio w/ Std. Posts
For: Motorola / Prestolite 8E Series Alternators
Replaces: Motorola 1-206; Prestolite 101-206
Dim: 10-24 & 1/4-20 Terminal Posts
Features:
• 3-3A/200V diodes

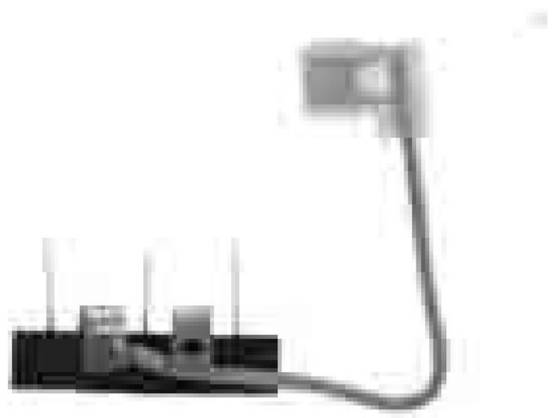


M208
(Ref# 33-403)
Diode Trio w/ Metric Posts
For: Motorola / Prestolite 8E Series Alternators
Replaces: Motorola 1-208; Prestolite 101-208
Dim: M5 x 0.8 & M6 x 1.0 Terminal Posts
Features:
• 3-3A/200V diodes

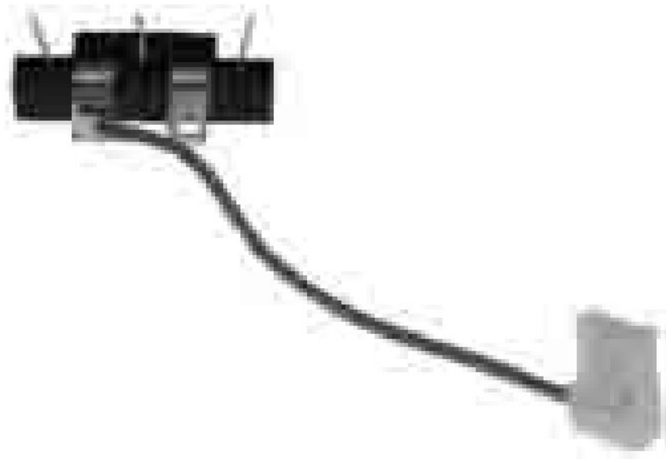
Valeo



ID599-1
(Ref# 33-9403)
Diode Trio wo/ Lead
For: Ducellier / Valeo, Magneti-Marelli
Replaces: Ducellier 669303; Lucas 21220362, UZB203
Unit Nos: Ducellier / Valeo 512002A, 512003A, 7565C, 7566C, 7567C, 7568C
Features:
• 1.5A/200V diodes



IX699-1
Diode Trio
For: Ducellier / Valeo, Marelli Alternators
Note: For heavy duty version use IX700-1
Features:
• 1.5A/200V diodes



IX700-1
(Ref# 33-9402)
Diode Trio
For: Ducellier / Valeo, Marelli Alternators
Note: Heavy duty version of IX699-1
Features:
• 2.5A/400V diodes

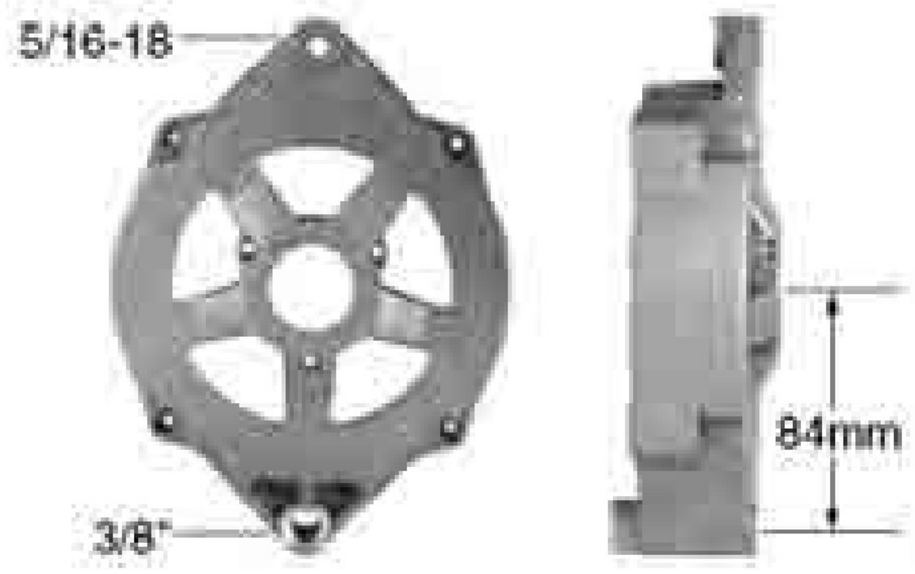
Specialty



T200
Diode Trio
For: Universal Design
Features:
• 1A/400V diodes

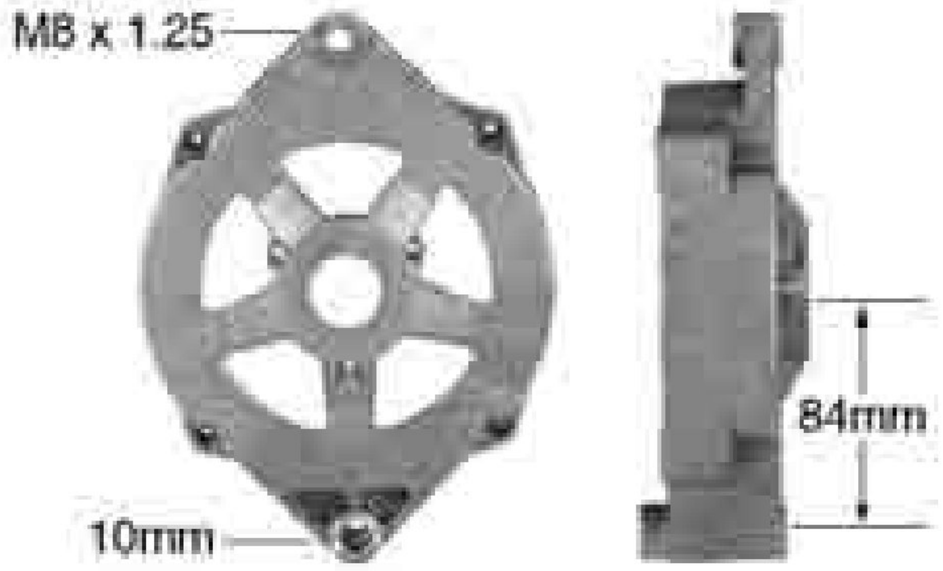
DELCO

10DN, 10SI, 12SI Series



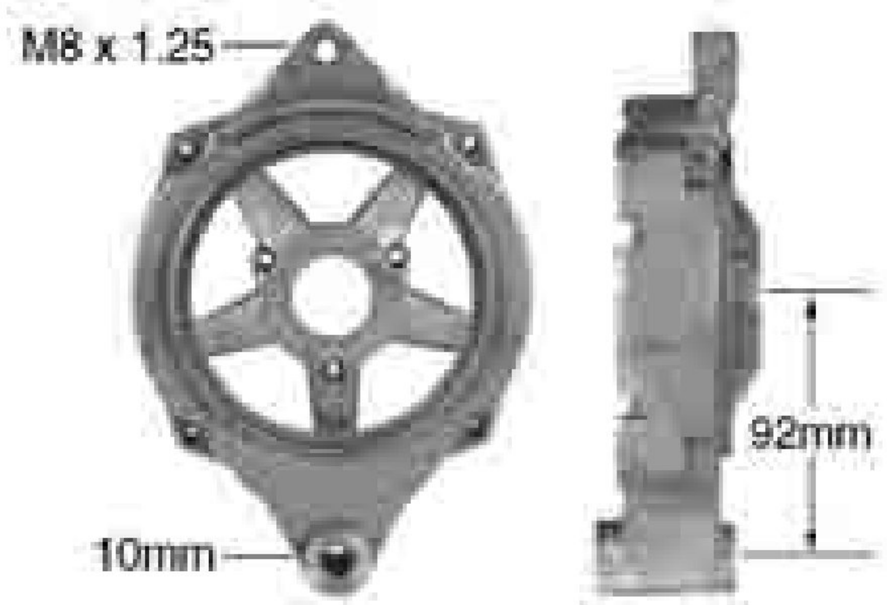
21-100
D.E. Frame
Standard

For: Delco 10DN Series ER/EF, 10SI Series IR/EF Alternators
Used On: (1979-73) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac
Replaces: Delco 800135, 1987105, D3412
Lester Nos: 7127, 7128, 7282
Dim:
Mtg. Ear Hole Size: 5/16-18
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 3/8
Mtg. Foot to Bearing Center: 84mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 135mm
Note: Used w/ 6203 ball bearing.



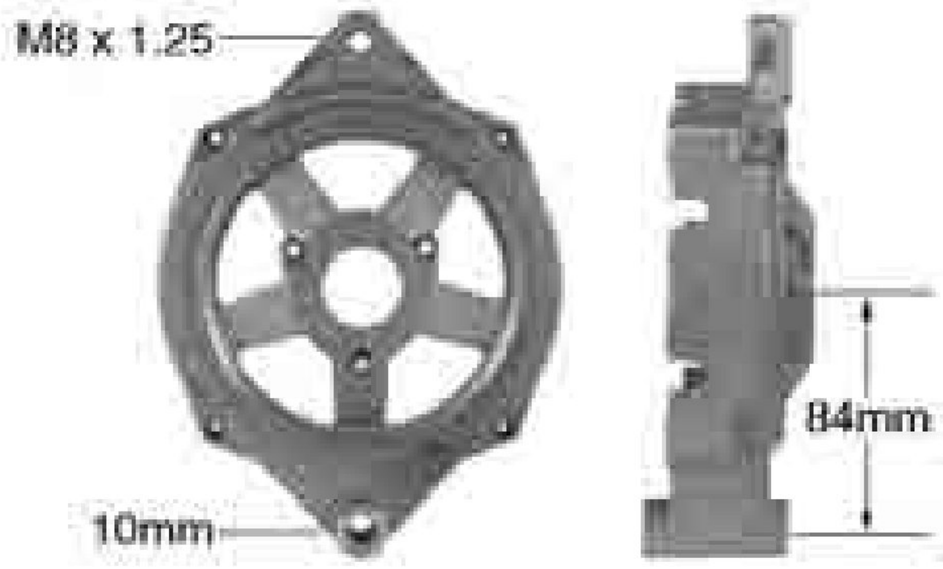
21-101
D.E. Frame
Metric

For: Delco 10SI Series IR/EF Alternators
Used On: (1987-75) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac
Replaces: Delco 1974937, 1985642, 1987104, D3443
Lester Nos: 7127, 7128, 7282
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 84mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 135mm
Note: Used w/ 6203 ball bearing



21-103
D.E. Frame

For: Delco 12SI Series IR/EF Alternators
Used On: (1987-80) Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac
Replaces: Delco 1985497, D3438
Unit Nos: Delco 1100109, 1100154, 1100169, 1100173, 1100178, 1100220, 1100234, 1100244, 1100253, 1100258, 1100261, 1105354, 1105355, 1105367, 1105368, 1105439, 1105440, 1105503, 1105504, 1105575
Lester Nos: 7145, 7148, 7274, 7275, 7277, 7278
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 92mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 135mm
Note: Used w/ 6203 ball bearing



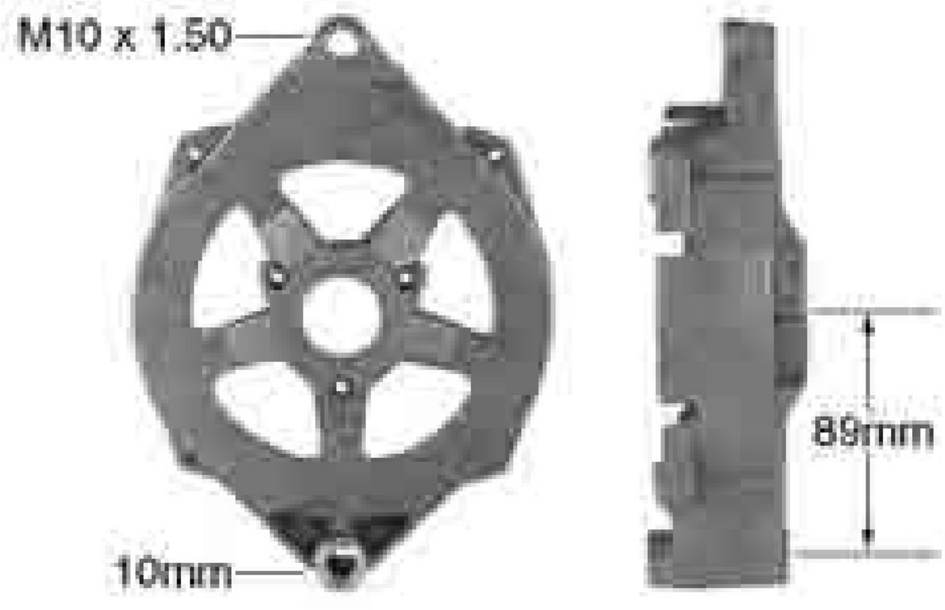
21-105
D.E. Frame

For: Delco 12SI Series IR/EF Alternators
Used On: (1991-83) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac
Replaces: Delco 1984464, 1987051, 1987054, D3437, D3446
Lester Nos: 7128, 7271, 7272, 7272R, 7273, 7273R, 7294, 7294R
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 84mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 135mm
Note: Used w/ 6203 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

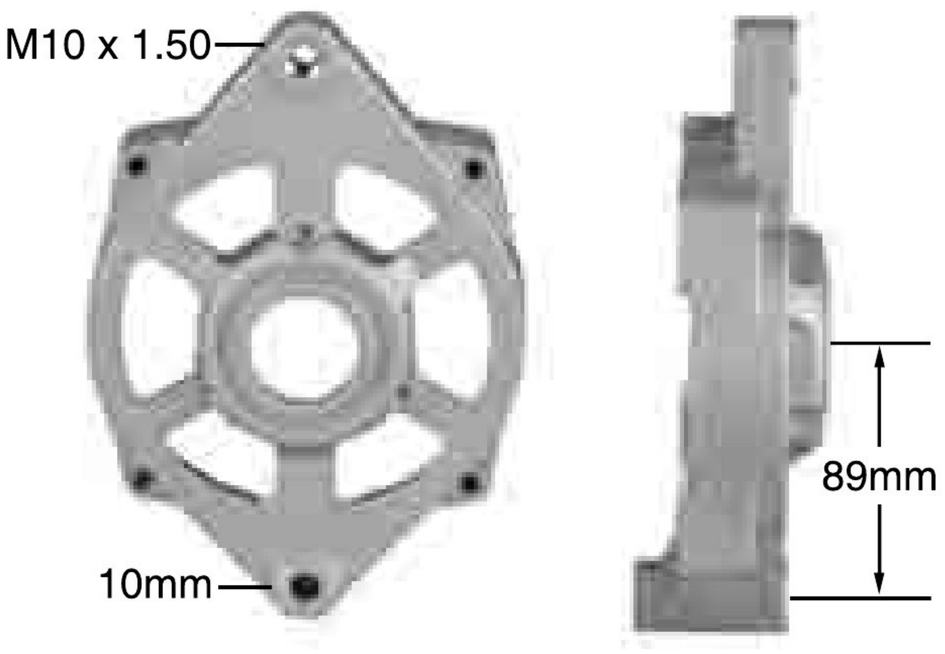
DELCO

15SI, 17SI, 19SI Series



21-106
D.E. Frame

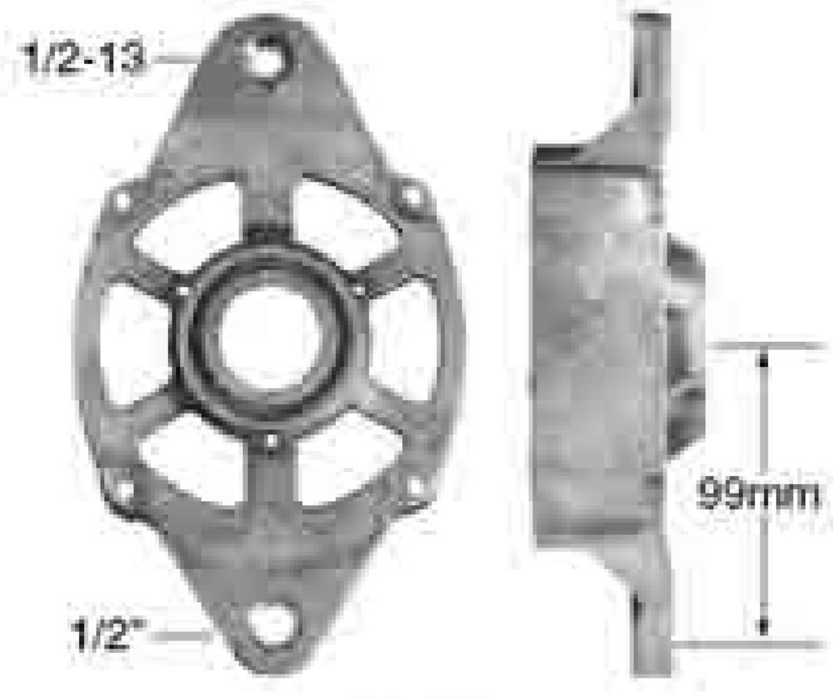
For: Delco 15SI, 17SI Series IR/EF Alternators
Used On: (1990-80) AMC, Buick, Cadillac, Chevrolet, Cummins, GMC, Jeep, Oldsmobile, Pontiac
Replaces: Delco 1985669, 1986590, D3440
Lester Nos: 7134, 7134H, 7134M, 7134R, 7137, 7137R, 7286, 7287, 7290, 7291, 7934
Dim:
Mtg. Ear Hole Size: M10 x 1.50
Mtg. Ear Thickness: 20mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 146mm
Note: Used w/ 6203 ball bearing



21-189
D.E. Frame

For: Delco 19SI Series IR/EF Alternators
Used On: Agricultural & Industrial Equipment w/ Cummins Engines
Unit Nos: Cummins 3934777, 3934778; Delco 19009950, 19009951, 19009952, 19009956, 19009957
Lester Nos: 8098

20SI, 21SI, 22SI Series



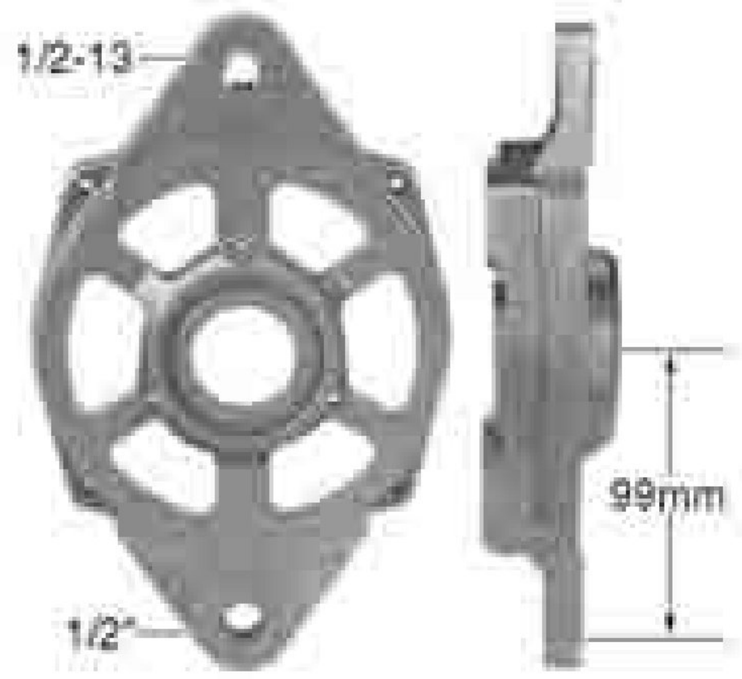
21-109
D.E. Frame

For: Delco 20SI Series IR/EF Alternators
Replaces: Delco 1894483
Unit Nos: Delco 1117611, 612, 613, 615, 616, 618, 619, 621, 622, 623, 625, 640, 641, 642, 643, 644, 645, 647, 655
Dim:
Mtg. Ear Hole Size: 1/2-13
Mtg. Ear Thickness: 14mm
Mtg. Foot Hole Size: 1/2"
Mtg. Foot to Bearing Center: 99mm
Bearing Bore Dia: 62mm
Stator Bore Dia: 135mm
Note: Used w/ 6305 ball bearing



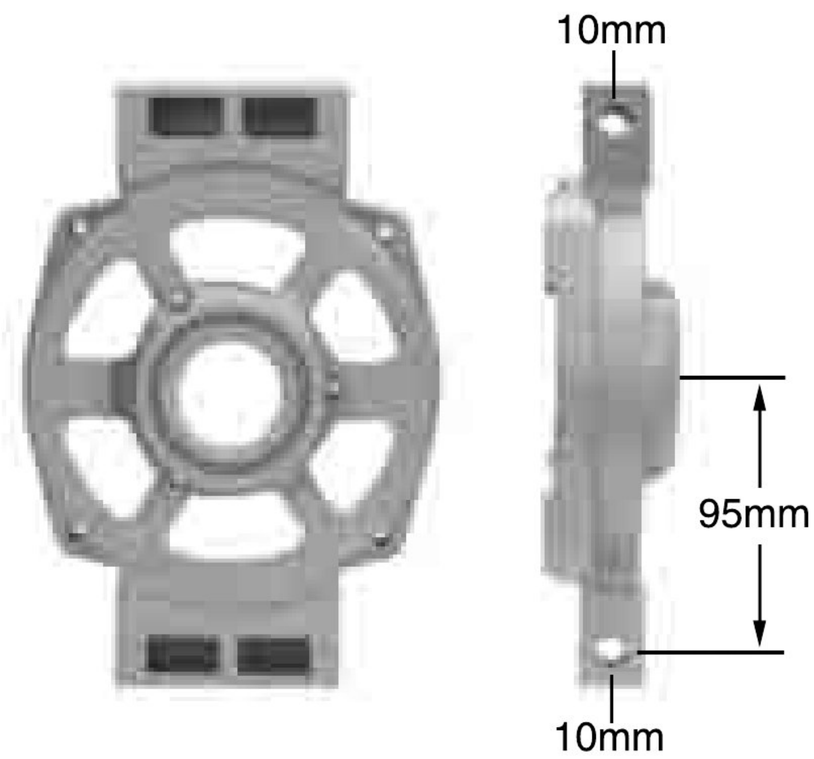
21-129
D.E. Frame

For: Delco 21SI Series IR/EF Alternators
Replaces: Delco 10467267, D3461
Dim:
Mtg. Ear Hole Size: 1/2-13
Mtg. Ear Thickness: 14mm
Mtg. Foot Hole Size: 1/2"
Mtg. Foot to Bearing Center: 99mm
Bearing Bore Dia: 62mm
Stator Bore Dia: 144mm
Note: Used w/ 6305 ball bearing



21-165
D.E. Frame

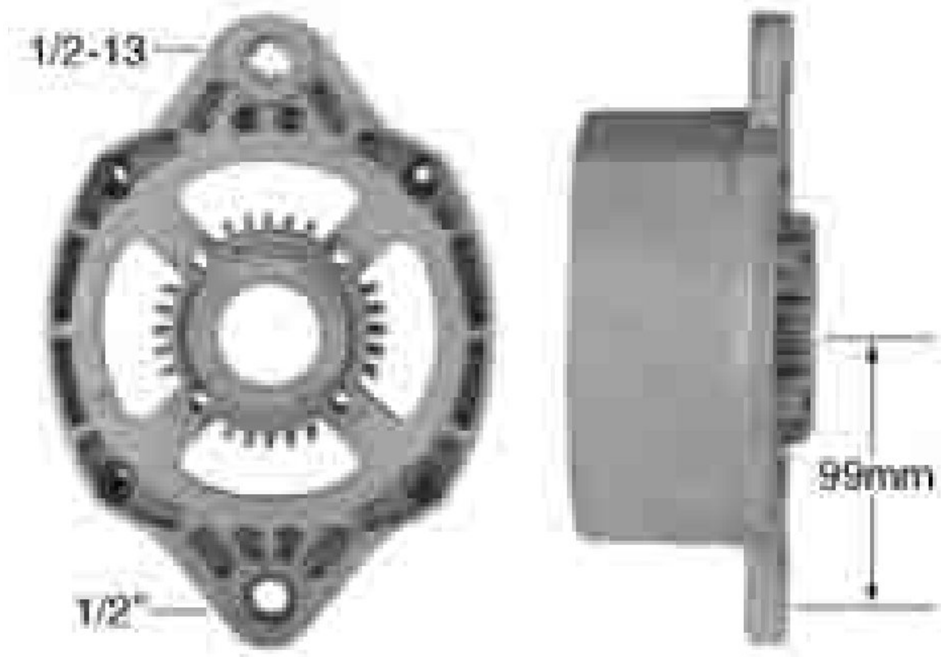
For: Delco 22SI Series IR/EF Alternators
Replaces: Delco 10492754
Unit Nos: Delco 19020300, 302, 303, 304, 305, 306, 307, 308, 309, 310, 312, 314, 346, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 375, 376, 377, 379, 380, 381, 382, 383, 386
Lester Nos: 8078
Dim:
Mtg. Ear Hole Size: 1/2-13
Mtg. Ear Thickness: 14mm
Mtg. Foot Hole Size: 1/2"
Mtg. Foot to Bearing Center: 99mm
Bearing Bore Dia: 62mm
Stator Bore Dia: 144mm
Note: Used w/ 6305 ball bearing. 1/4-20 thru-bolt hole size.



21-186
D.E. Frame

For: Delco 22SI Series IR/EF Alternators
Replaces: Delco 10487021
Unit Nos: Delco 19020387, 19020388, 19020389, 19020889
Lester Nos: 8360, 8361, 8362
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 95mm
Bearing Bore Dia: 62mm
Stator Bore Dia: 144mm
Note: Used w/ 6305 ball bearing

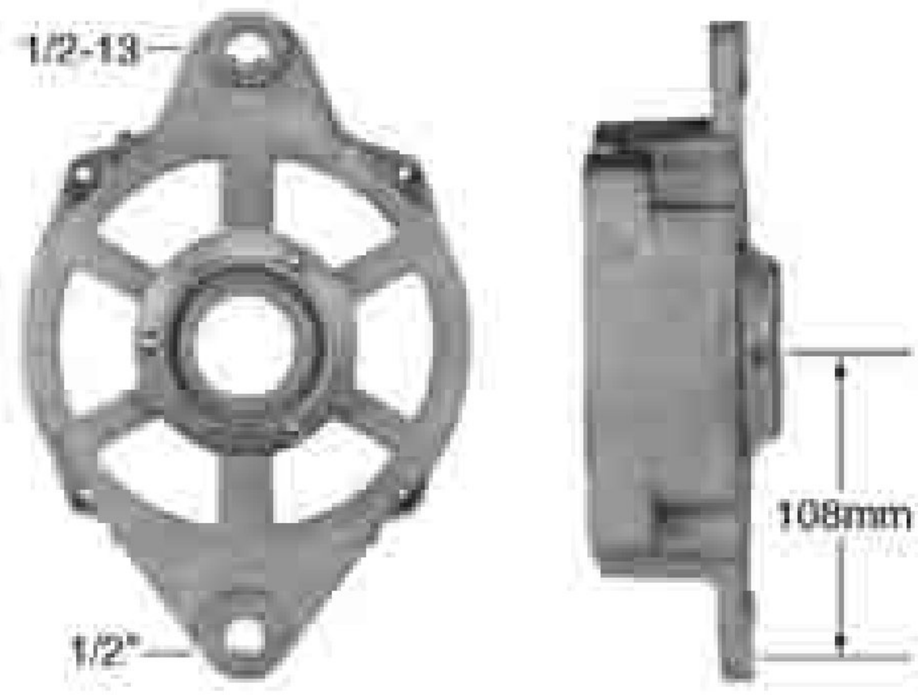
25SI, 26SI, 30SI Series



21-110
D.E. Frame

For: Delco 25SI, 26SI, 30SI Series IR/EF Alternators
Replaces: Delco 1852726
Dim:
Mtg. Ear Hole Size: 1/2-13
Mtg. Ear Thickness: 14mm
Mtg. Foot Hole Size: 1/2"
Mtg. Foot to Bearing Center: 99mm
Bearing Bore Dia: 62mm
Stator Bore Dia: 152mm
Thru-bolt Hole Size: #10
Note: Used w/ 6305 ball bearing

27SI Series



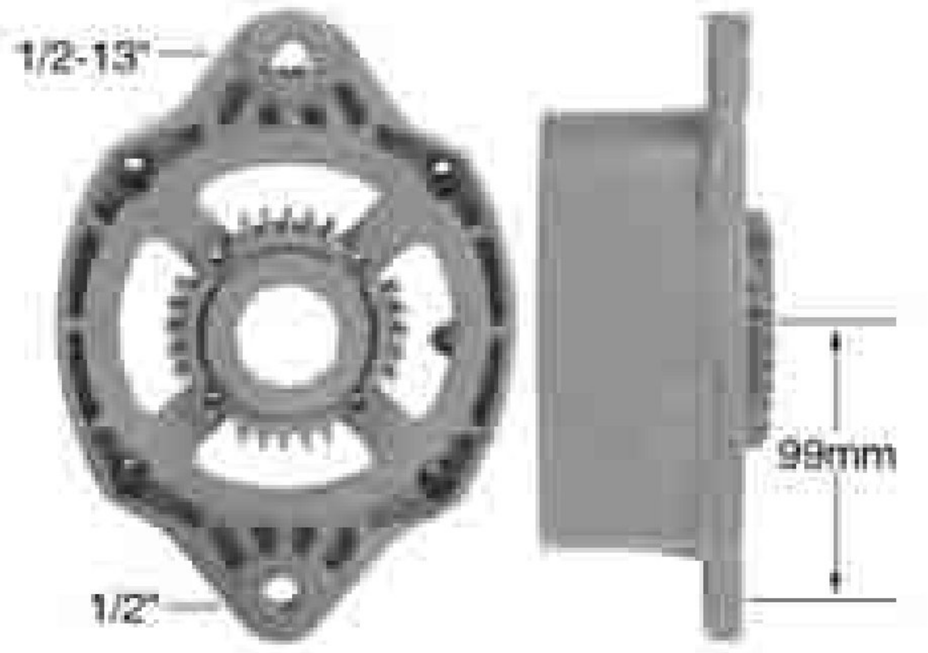
21-113
D.E. Frame

For: Delco 27SI/Type 200 Series IR/EF Alternators
Replaces: Delco 1852038, 1985700
Lester Nos: 7136, 7138, 7197, 7842, 7850
Dim:
Mtg. Ear Hole Size: 1/2-13
Mtg. Ear Thickness: 14mm
Mtg. Foot Hole Size: 1/2"
Mtg. Foot to Bearing Center: 108mm
Bearing Bore Dia: 62mm
Stator Bore Dia: 162mm
Note: Used w/ 6305 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

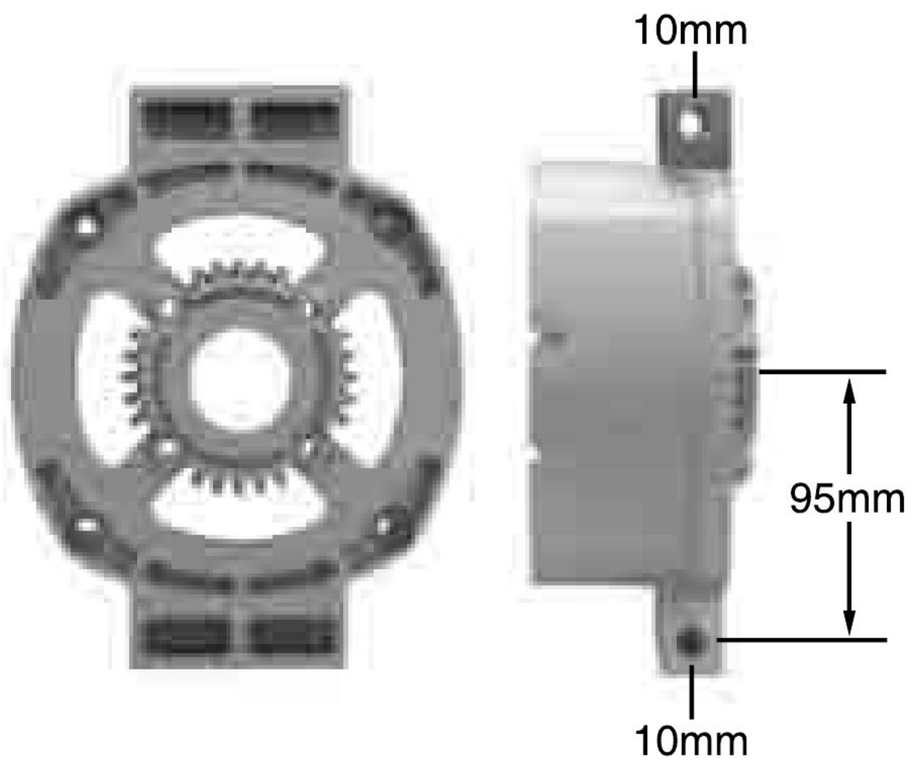
DELCO

33SI, 34SI Series



21-168
D.E. Frame

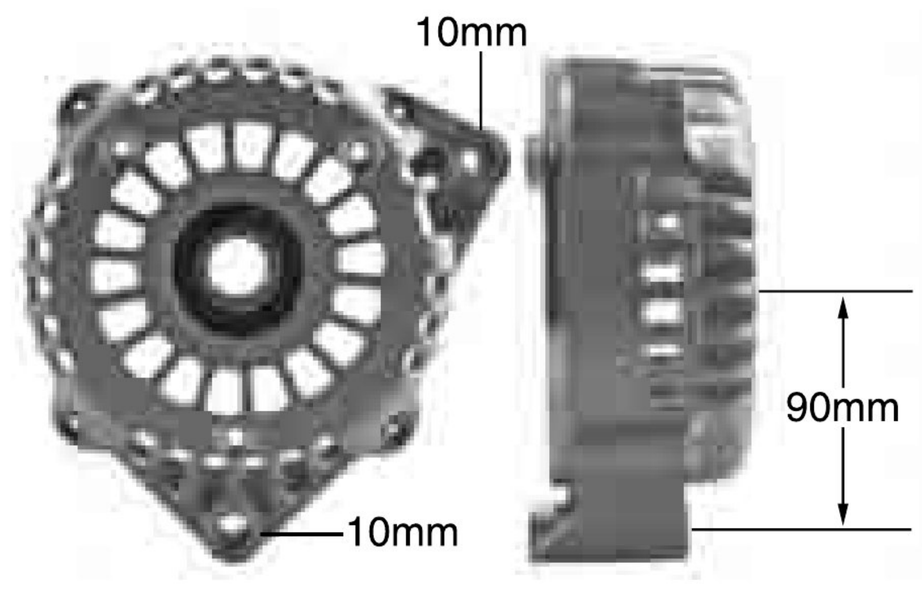
For: Delco 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 10491185
Unit Nos: Delco 19011150, 19011151, 19011152, 19011153, 19011154, 19011155, 19011156, 19011157, 19011158, 19011159, 19011160, 19011161, 19011162, 19011163, 19011165, 19011166, 19011167, 19011168, 19011169, 19011170, 19011171, 19011172, 19011173, 19011174, 19011175, 19011178, 19011179, 19011181, 19011182, 19011183, 19011186, 19011189, 19011190, 19011191, 19011192
Lester Nos: 8080, 8083, 8090, 8092
Dim:
Mtg. Ear Hole Size: 1/2-13
Mtg. Ear Thickness: 15mm
Mtg. Foot Hole Size: 1/2"
Mtg. Foot to Bearing Center: 99mm
Bearing Bore Dia.: 62mm
Stator Bore Dia.: 152mm
Thru-bolt Hole Size: 1/4"
Note: Used w/ 6305 ball bearing. Similar to 21-110 (25SI, 26SI, 30SI Series) except 21-110 has #10 thru-bolt hole size



21-181
D.E. Frame

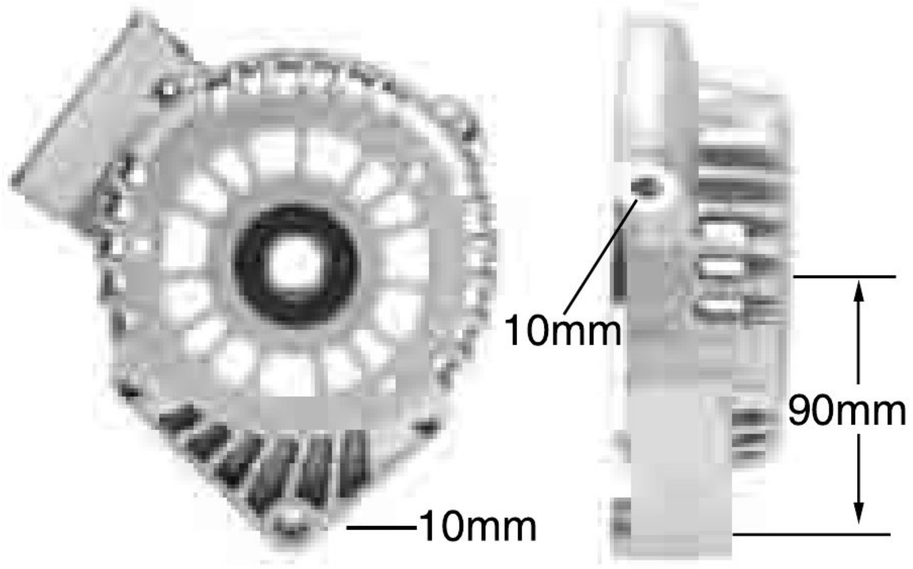
For: Delco 34SI Series IR/EF Alternators
Replaces: Delco 10483415
Unit Nos: Delco 19011176, 19011177, 19011187, 19011194
Lester Nos: 8095, 8096, 8097
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 95mm
Bearing Bore Dia.: 62mm
Stator Bore Dia.: 152mm
Note: Used w/ 6305 ball bearing

AD230 Series



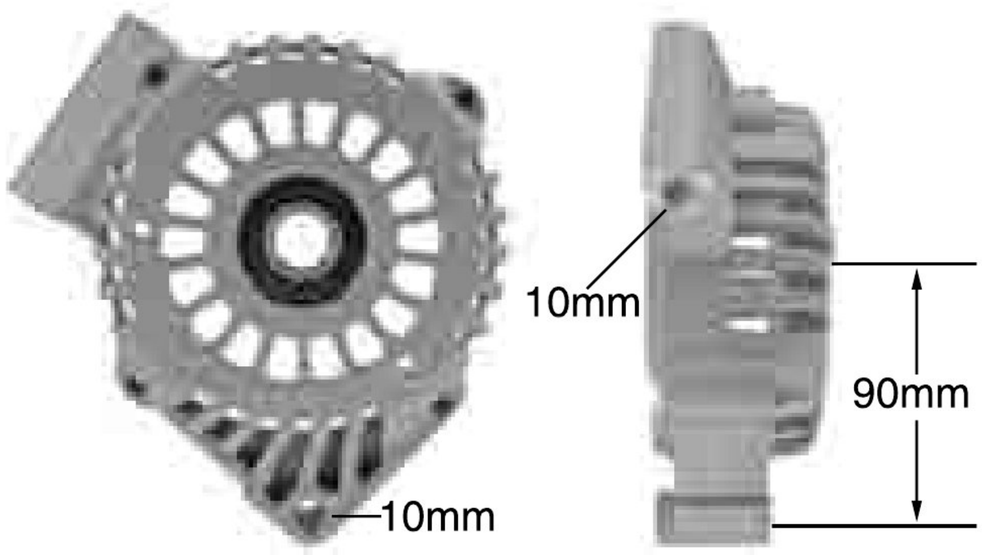
21-176-1
D.E. Frame w/ Bearing

For: Delco AD230 Series IR/IF Alternators
Used On: (2005-99) Chevrolet, GMC
Replaces: Delco 10494738
Unit Nos: Delco 10480229, 10480271, 10480326, 10480388, 15768829, 15769252
Lester Nos: 8238, 8247, 8273
WAI Ref. Nos: 1-2320-21DR, 1-2415-41DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 51mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 90mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 129mm
Note: Includes 6-303-4 ball bearing



21-177-1
D.E. Frame w/ Bearing

For: Delco AD230 Series IR/IF Alternators
Used On: (2002-00) Buick, Pontiac
Unit Nos: Delco 10480241, 10480411, 10480411
Lester Nos: 8245, 8285
WAI Ref. Nos: 1-2219-01DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 74mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 90mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 129mm
Note: Includes 6-303-4 ball bearing



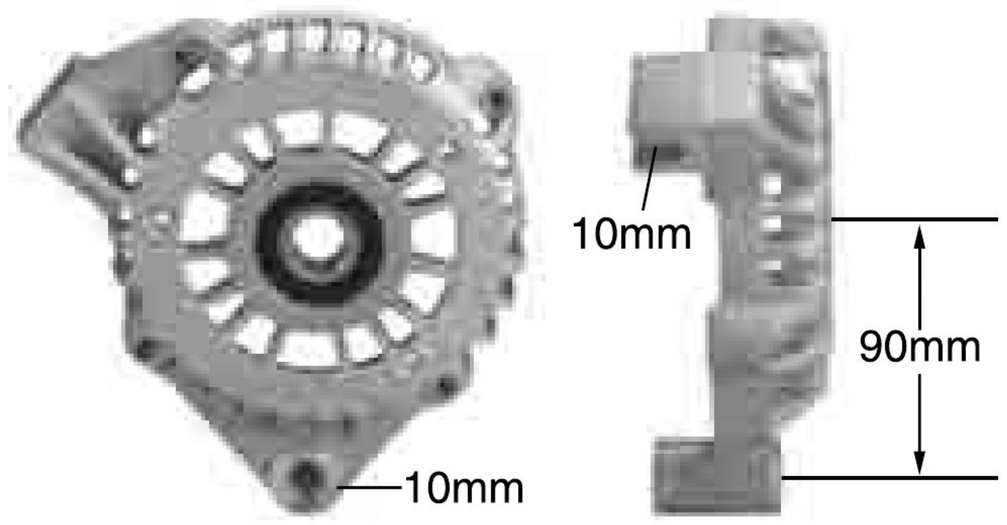
21-184-1
D.E. Frame w/ Bearing

For: Delco AD230 Series 105A IR/IF Alternators
Used On: (2005-02) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10333165, 10333166, 10442782, 10442783
Lester Nos: 8287, 8288, 8289
WAI Ref. Nos: 1-2416-01DR, 1-2416-02DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 74mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 90mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 129mm
Note: Includes 6-303-4 ball bearing

21-184
D.E. Frame

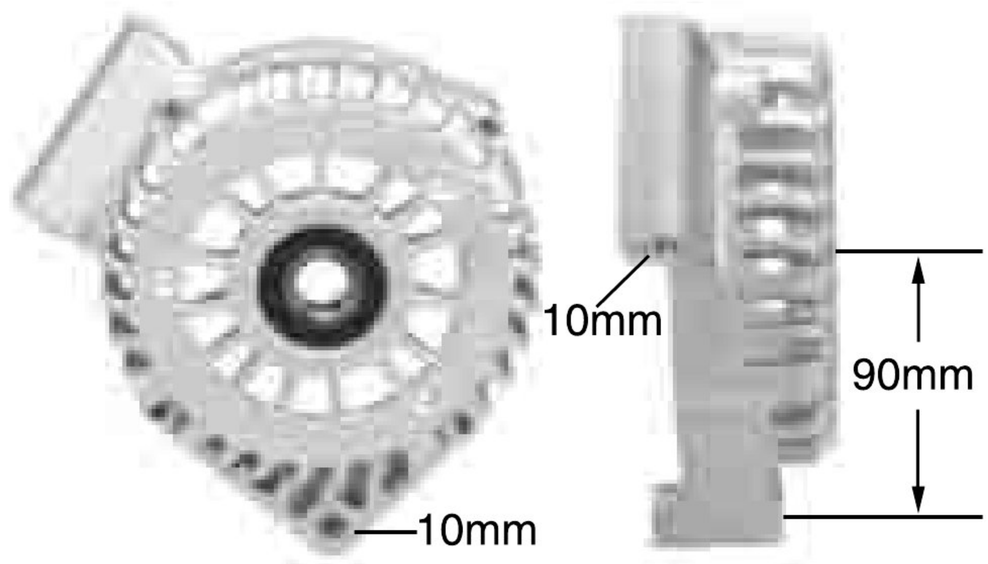
Same as 21-184-1 except...
Note: Without 6-303-4 ball bearing

AD237 Series



21-175-1
D.E. Frame w/ Bearing

For: Delco AD237 Series IR/IF Alternators
Used On: (2002-99) Oldsmobile
Unit Nos: Delco 10480303, 10480341
Lester Nos: 8241, 8278
WAI Ref. Nos: 1-2199-01DR, 1-2365-01DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 43mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 90mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 137mm
Note: Includes 6-303-4 ball bearing. Used w/ 22-160 S.R.E. Frame.



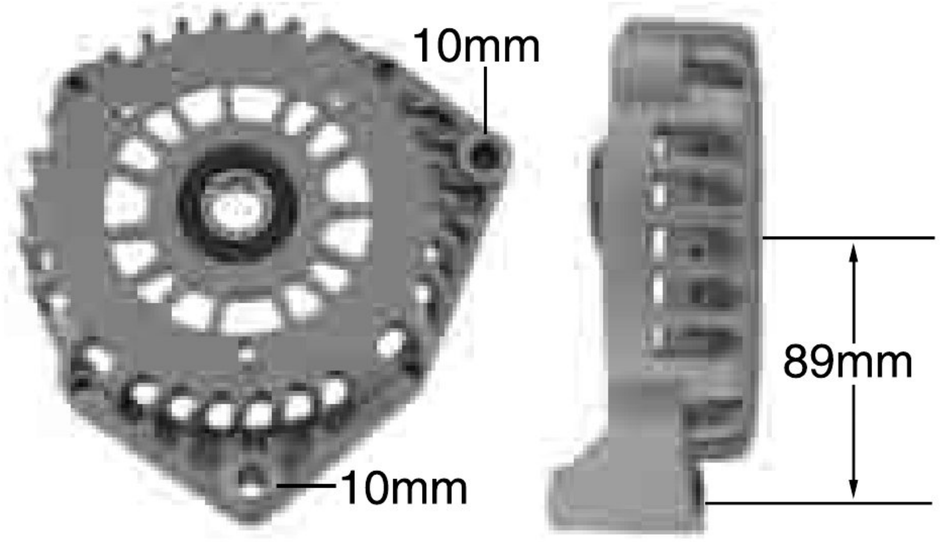
21-178-1
D.E. Frame w/ Bearing

For: Delco AD237 Series IR/IF Alternators
Used On: (2002-99) Buick, Pontiac
Unit Nos: Delco 10480244, 10480368, 10480414, 10480428
Lester Nos: 8235, 8244, 8286
WAI Ref. Nos: 1-2198-01DR, 1-2220-01DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 74mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 90mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 137mm
Note: Includes 6-303-4 ball bearing. Used w/ 22-163 S.R.E. Frame.

ALTERNATOR - FRAMES, D.E. (21-)

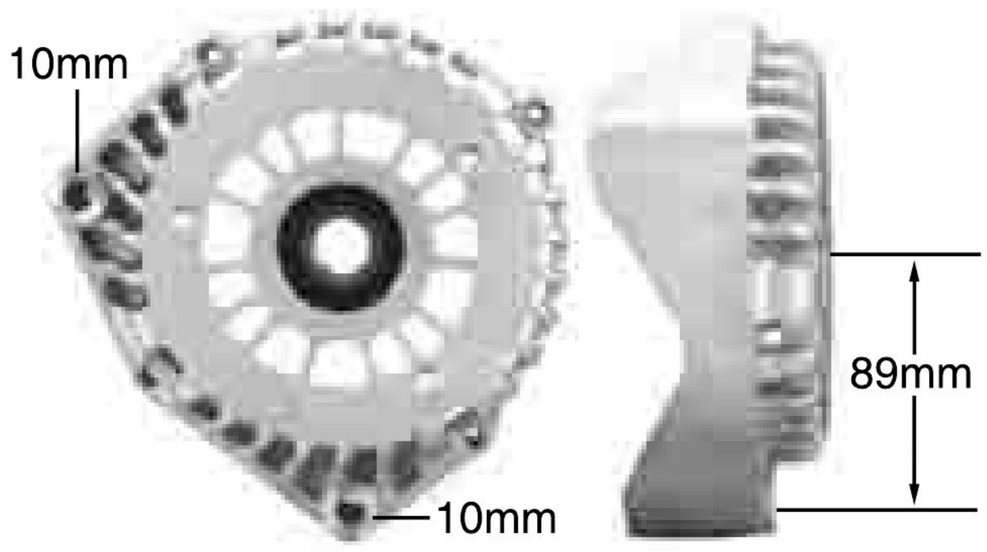
DELCO

AD244 Series



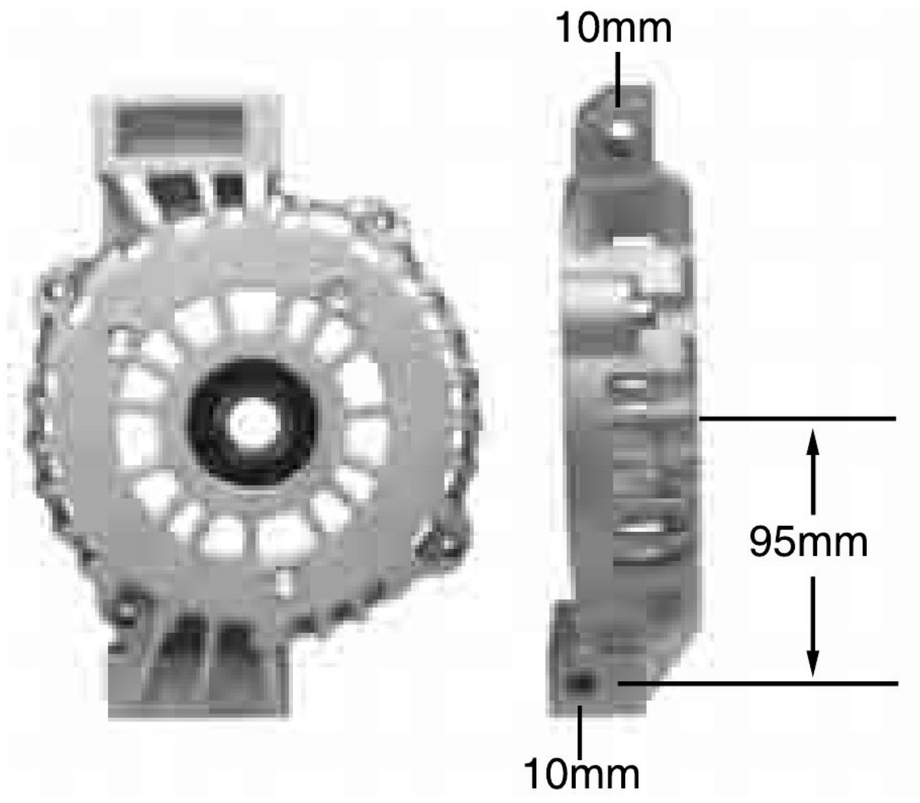
21-179-1
D.E. Frame w/ Bearing

For: Delco AD244 Series IR/IF Alternators
Used On: (2001-99) Chevrolet, GMC
Unit Nos: Delco 10480234, 10480390, 15768830
Lester Nos: 8237
WAI Ref. Nos: 1-2419-21DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 51mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 144mm
Stator Bore Depth: 4mm
Note: Includes 6-303-4 ball bearing. Similar to 21-185-1 except 21-185-1 has 6mm stator bore depth.



21-185-1
D.E. Frame w/ Bearing

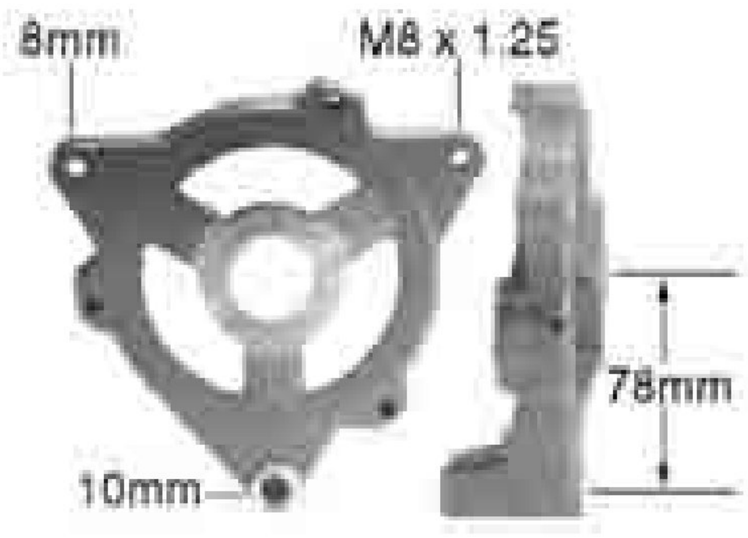
For: Delco AD244 Series IR/IF Alternators
Used On: (2005-01) Chevrolet, GMC
Unit Nos: Delco 15750871
Lester Nos: 8237
WAI Ref. Nos: 1-2419-21DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 51mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 144mm
Stator Bore Depth: 6mm
Note: Includes 6-303-4 ball bearing. Similar to 21-179-1 except 21-179-1 has 4mm stator bore depth.



21-187-1
D.E. Frame w/ Bearing

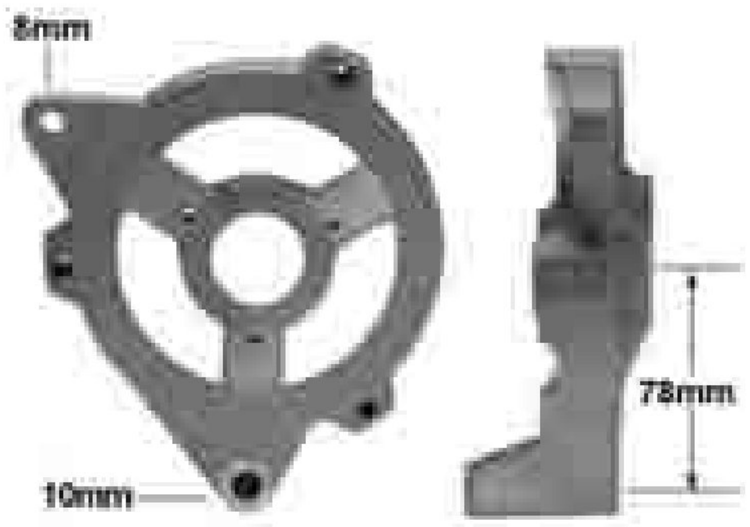
For: Delco AD244 Series IR/IF Alternators
Used On: (2005-02) Chevrolet, GMC, Oldsmobile
Unit Nos: Delco 10464468, 15062413
Lester Nos: 8290
WAI Ref. Nos: 1-2417-01DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 60mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 95mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 144mm
Stator Bore Depth: 6mm
Note: Includes 6-303-4 ball bearing

CS121 Series



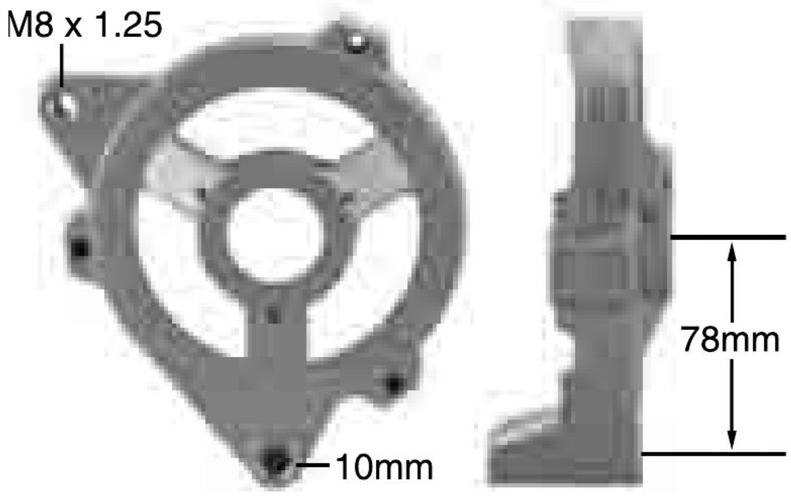
21-115
D.E. Frame

For: Delco CS121 Series IR/EF Alternators
Used On: (1993-87) Buick, Chevrolet, Oldsmobile
Replaces: Delco 10496260, 10496261
Unit Nos: Delco 1102614, 1105697, 10479815
Lester Nos: 7819
Dim:
Mtg. Ear-1 Hole Size: 8mm
Mtg. Ear-1 Thickness: 18mm
Mtg. Ear-2 Hole Size: M8 x 1.25
Mtg. Ear-2 Thickness: 18mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 117mm
Note: Used w/ 6203 ball bearing



21-126
D.E. Frame

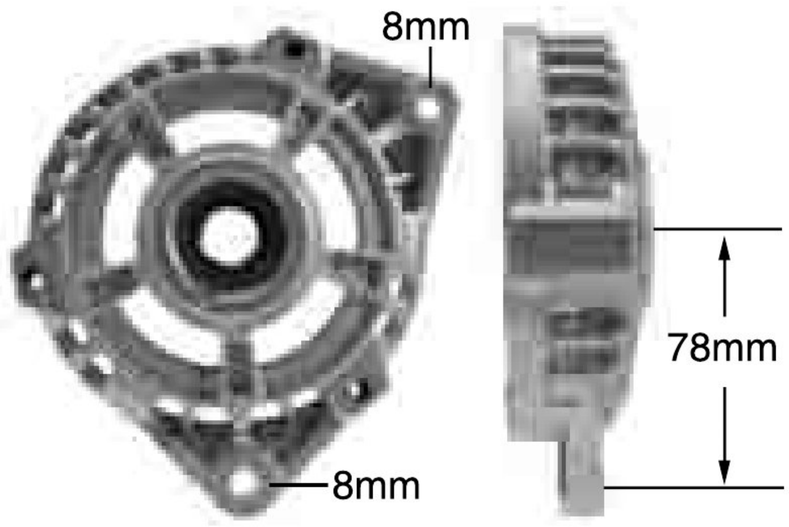
For: Delco CS121 Series IR/EF Alternators
Used On: (1990-87) Jeep
Replaces: Delco 10497722, 10497724
Unit Nos: Delco 1101168
Lester Nos: 7873
Dim:
Mtg. Ear Hole Size: 8mm
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 117mm
Note: Used w/ 6203 ball bearing



21-143
D.E. Frame

For: Delco CS121 Series IR/EF Alternators
Used On: (1994) Chevrolet
Replaces: Delco 10475848, Ref# C-3479
Unit Nos: Delco 10463447, 10480067
Lester Nos: 8179
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 19mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 117mm
Note: Used w/ 6203 ball bearing

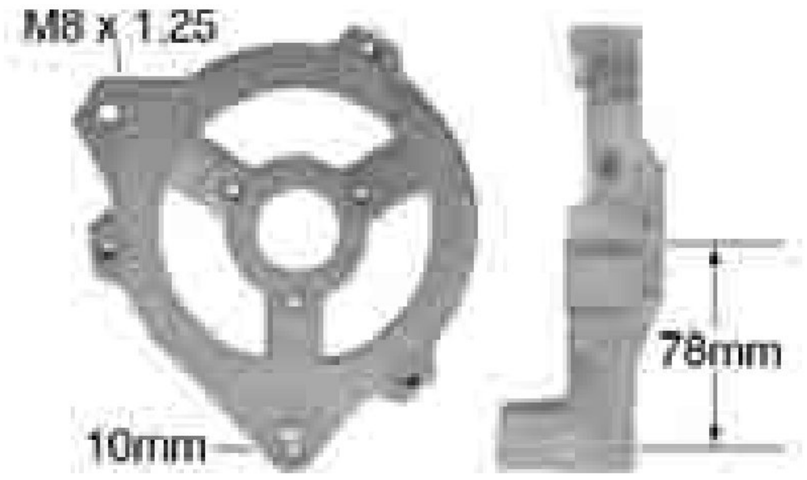
CS121D Series



21-169-1
D.E. Frame w/ Bearing

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232
Dim:
Mtg. Ear Hole Size: 8mm
Mtg. Ear Thickness: 13mm
Mtg. Foot Hole Size: 8mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia.: 47mm
Stator Bore Dia.: 122mm
Note: Includes 6-303-4 ball bearing

CS130 Series (2:00* or Left Mtg. Ear)



21-124
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1995-87) Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac
Replaces: Delco 10468200, 10476024, 10495358, 10495359, D3454
Unit Nos: Delco 1101110, 111, 253, 254, 255, 293, 317, 318, 500, 521, 582, 599, 600, 614, 615, 616, 617, 620, 628, 629, 632, 633, 637, 645, 646, 647; 1105710, 711, 715; 10479801, 802, 807, 808, 896, 906, 912, 921, 922, 993, 997; 10480028
Lester Nos: 7861, 7917, 7921, 7925, 7974, 7981, 8165
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 126mm
Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer. For version w/ 6303 ball bearing use 21-146-1.
Features:
- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)

*Viewed from slip ring end of alternator

ALTERNATOR - FRAMES, D.E. (21-)

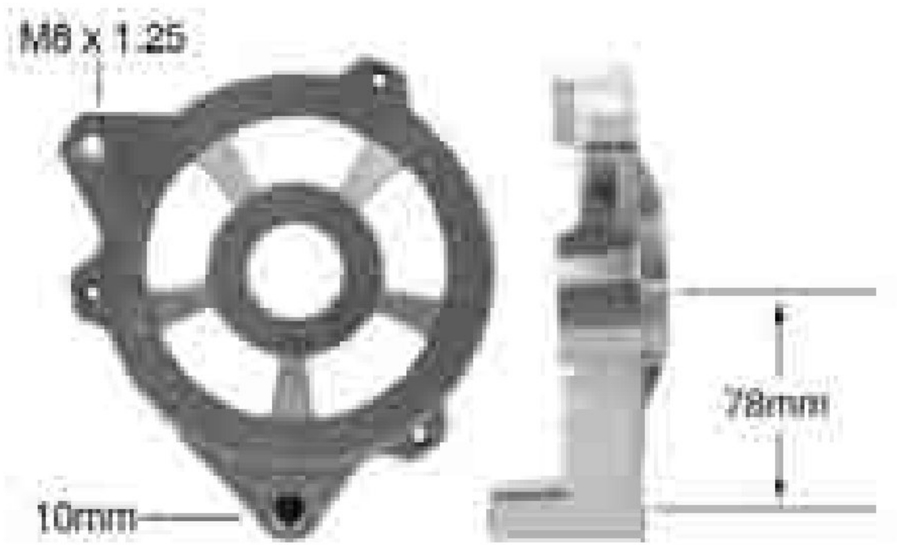
DELCO

CS130 Series (2:00* or Left Mtg. Ear) (cont'd.)



21-127
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1990-87) Jeep
Replaces: Delco 10468447, 10498213, 10498214
Unit Nos: Delco 1101167, 1101170
Lester Nos: 7897, 7902
Dim:
Mtg. Ear Hole Size: 8mm
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 126mm
Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer
Features:
- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



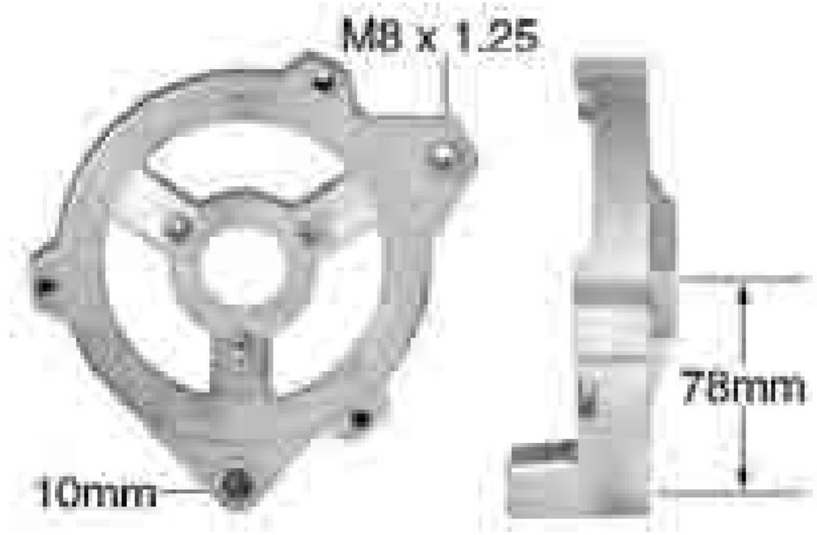
21-146
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1996-92) Buick, Chevrolet, GMC, Oldsmobile, Pontiac
Replaces: Delco 10475377, 10476236
Unit Nos: Delco 1101110, 1101111, 10480055, 10480069, 10480082, 10480084, 10480086, 10480087, 10480094, 10480097, 10480099, 10480104
Lester Nos: 7861, 7921, 8165, 8189
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia.: 47mm
Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer. For version requiring 6203 bearing use 21-124.

21-146-1
D.E. Frame w/ Bearing

Same as 21-146 except...
Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.

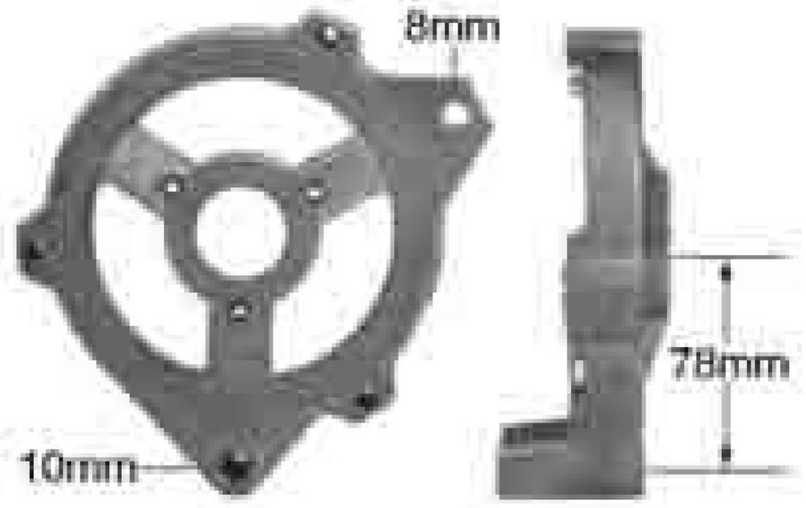
CS130 Series (10:00* or Right Mtg. Ear)



21-123
D.E. Frame

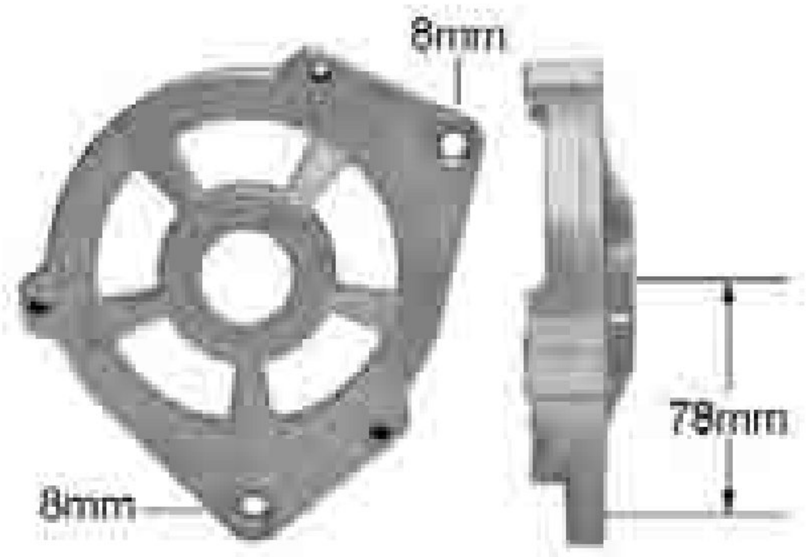
For: Delco CS130 Series IR/EF Alternators
Used On: (1995-87) Buick, Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac
Replaces: Delco 10473402, 10473937, 10495573, 10496032, 10496033, D3455, D3457
Unit Nos: Delco 1101135, 136, 139, 140, 142, 143, 148, 149, 154, 160, 162, 227, 231, 246, 259, 277, 278, 344, 346, 505, 583, 593, 595, 596, 603, 612, 618, 810, 822, 832, 846; 1102600, 601, 617; 1105694, 698, 722, 725; 10479800, 806, 814, 893, 895, 902, 903, 905, 909, 910, 911, 913, 920, 974, 998; 10480036, 068, 114
Lester Nos: 7859, 7860, 7880, 7883, 8130
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 126mm
Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer. For version w/ 6303 ball bearing use 21-145-1.
Features:
- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)

*Viewed from slip ring end of alternator



21-130
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1994-88) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10499095, 10499096
Unit Nos: Delco 1101101, 1101107, 1101466, 1101467, 1101606, 1102602, 1102603, 10479897, 10480037
Lester Nos: 7910, 7939
Dim:
Mtg. Ear Hole Size: 8mm
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 126mm
Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer. For version w/ 6303 ball bearing use 21-151-1.
Features:
- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



21-142
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1997-92) Saturn
Unit Nos: Delco 21021447, 21022772, 21023516, 21023702, 21023724
Lester Nos: 8107, 8215
Dim:
Mtg. Ear Hole Size: 8mm
Mtg. Ear Thickness: 13mm
Mtg. Foot Hole Size: 8mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia.: 47mm
Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer. 21-142 replaces OE D.E. frame w/ 6203 bearing.

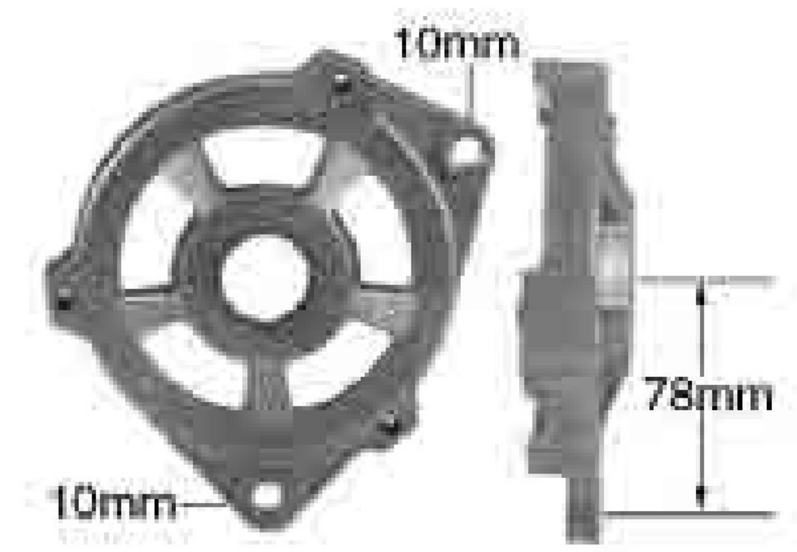
21-142-1
D.E. Frame w/ Bearing

Same as 21-142 except...
Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.



21-145
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1995-93) Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10476292, 10476293
Unit Nos: Delco 1101139, 1101140, 1101142, 1101143, 1101148, 1101149, 10480105, 10480115, 10480134, 10480136, 10480137
Lester Nos: 7860, 7880, 8130, 8169
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia.: 47mm
Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer.
For version requiring 6203 bearing use 21-123.



21-148
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1995-93) Chevrolet, Pontiac
Replaces: Delco 10474599*, 10477537
Unit Nos: Delco 1101644*, 10480157
Lester Nos: 8114, 8217
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 14mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia.: 47mm
Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer.
*21-148 replaces OE D.E. frame w/ 6203 bearing.

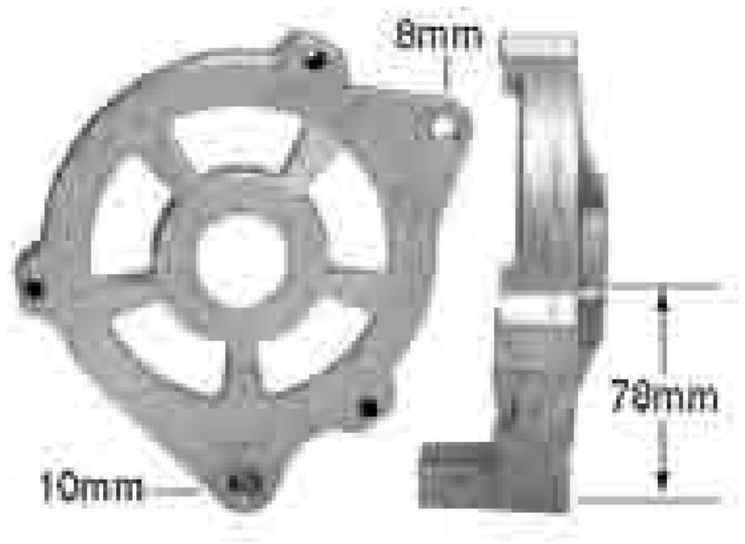
ALTERNATOR - FRAMES, D.E. (21-)

DELCO

CS130 (10:00* or Right Mtg. Ear) (cont'd.)

21-148-1
D.E. Frame w/ Bearing

Same as 21-148 except...
Note: Includes 6-303-4 ball bearing.
Requires 46-1618 rotor spacer.
*21-148-1 replaces OE D.E. frame w/ 6203 bearing

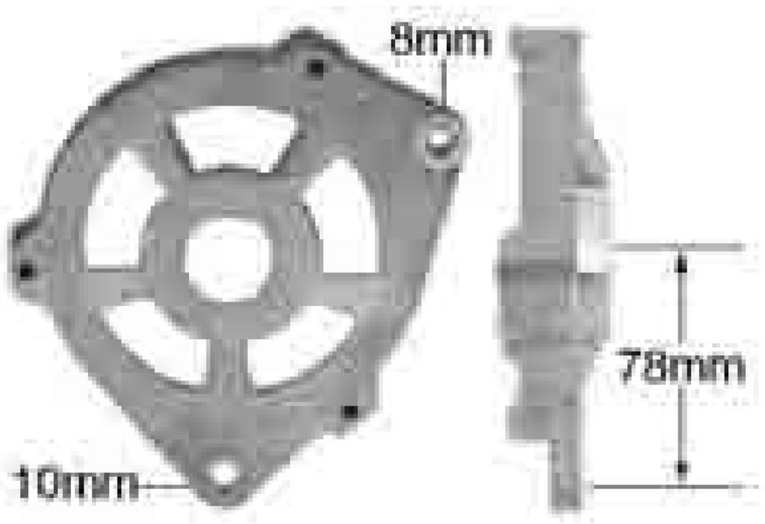


21-151
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 10477164, 10477165
Dim:
Mtg. Ear Hole Size: 8mm
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia.: 47mm
Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer.
For version requiring 6203 bearing use 21-130.

21-151-1
D.E. Frame w/ Bearing

Same as 21-151 except...
Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.



21-152
D.E. Frame

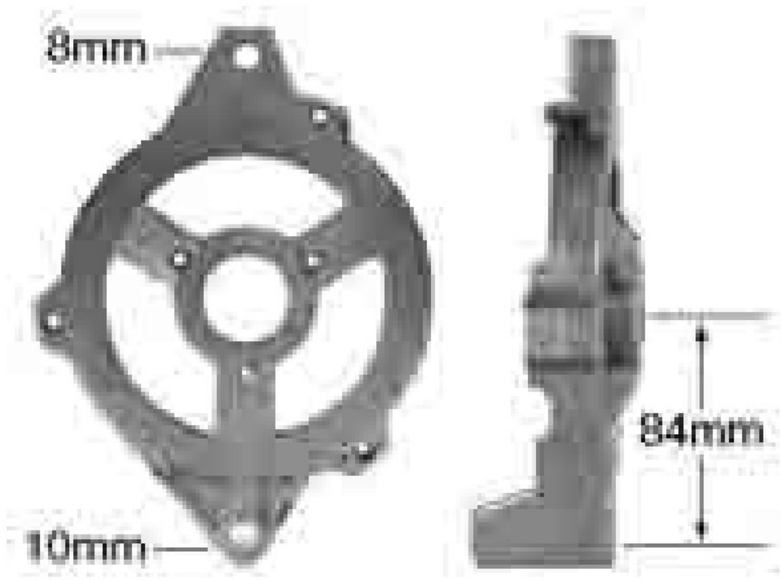
For: Delco CS130 Series IR/EF Alternators
Used On: (1991-86) Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10475909, 10475910
Unit Nos: Delco 10480025, 10480172, 10480181, 10480265
Lester Nos: 8171, 8198, 8202, 8225
(cont'd.)

(cont'd.)
Dim:
Mtg. Ear Hole Size: 8mm
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia.: 47mm
Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer.

21-152-1
D.E. Frame w/ Bearing

Same as 21-152 except...
Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.

CS130 Series (12:00 Mtg. Ear)



21-117
D.E. Frame

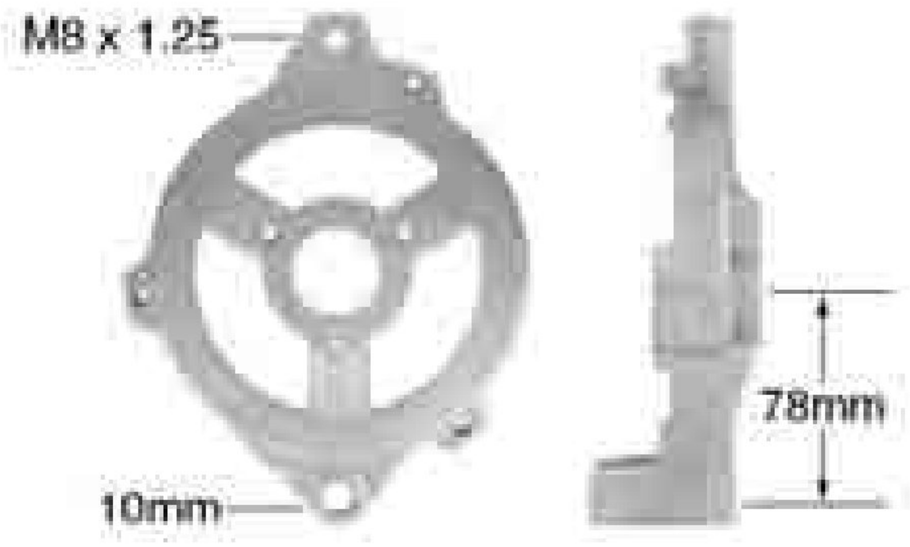
For: Delco CS130 Series IR/EF Alternators
Used On: (1991-86) Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10496671, 10496672, D3459
Unit Nos: Delco 1101127, 146, 158, 179, 181, 186, 229, 264, 272, 273, 275, 292, 601; 1105678
Lester Nos: 7803, 7804, 7808, 7888
Dim:
Mtg. Ear Hole Size: 8mm
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 84mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 126mm
Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer.
Features:
• Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)

*Viewed from slip ring end of alternator



21-118
D.E. Frame

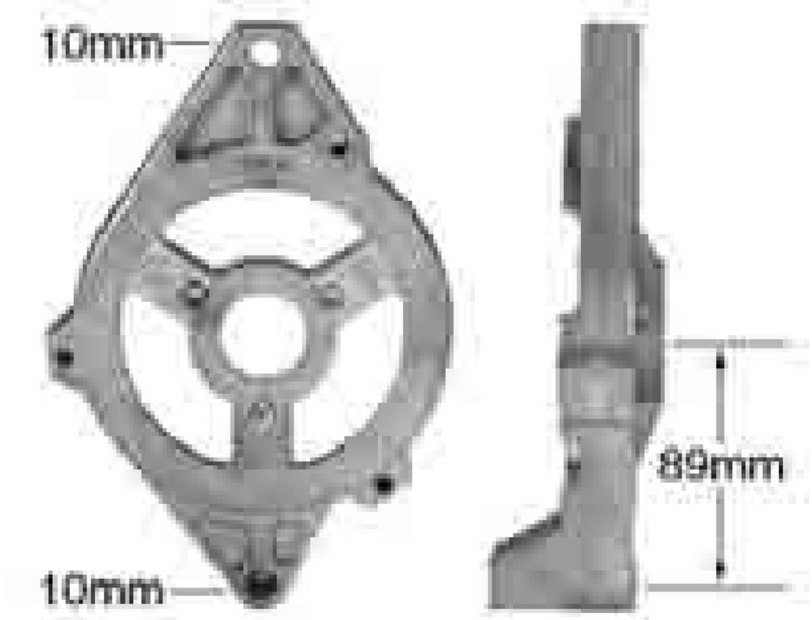
For: Delco CS130 Series IR/EF Alternators
Used On: (1993-86) Buick, Chevrolet, GMC, Oldsmobile, Pontiac
Replaces: Delco 1989631, 1989634, 10468201, D3453
Unit Nos: Delco 1101125, 126, 137, 138, 141, 150, 151, 184, 464, 465, 571, 619, 621, 630, 634, 635, 636, 806, 807, 812, 814, 815; 1102629, 630, 631; 1105612, 661, 662, 663, 664, 665, 667, 671, 672, 688, 712, 716, 718, 720; 10479874, 883
Lester Nos: 7802, 7807, 7820, 7858, 7867, 7894, 7977
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 84mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 126mm
Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer. For version w/ 6303 ball bearing use 21-149-1.
Features:
- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



21-119
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1992-86) Buick, Oldsmobile, Pontiac
Replaces: Delco 10495814, 10495816, D3456
Unit Nos: Delco 1101123, 1101124, 1101144, 1101145, 1101190, 1101475, 1101608, 1105669, 1105670, 10479898, 10479937, 10479938
Lester Nos: 7801, 7870, 7872
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 126mm
(cont'd.)

(cont'd.)
Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer. For version w/ 6303 ball bearing use 21-163-1.
Features:
- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



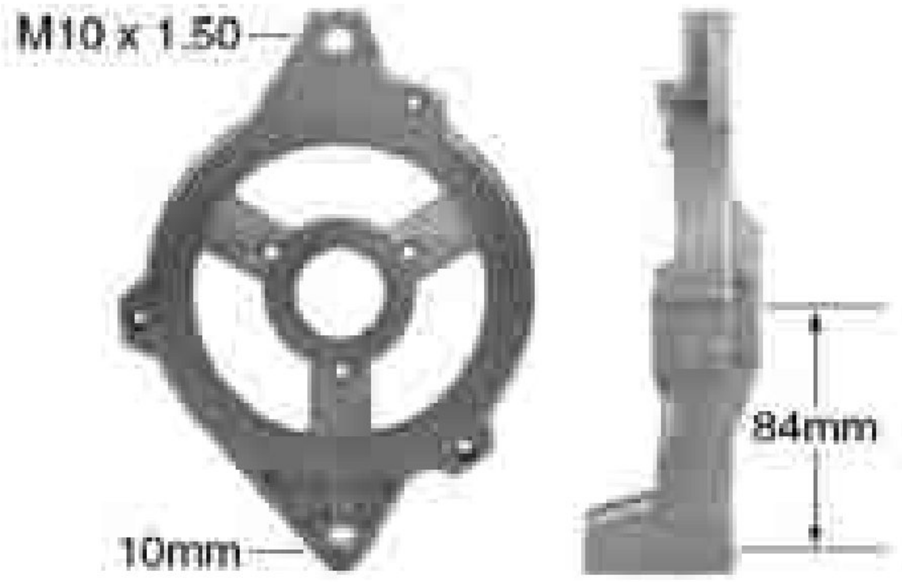
21-128
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1993-88) Buick, Oldsmobile, Pontiac
Replaces: Delco 10499700, D3179
Unit Nos: Delco 1101310, 1101577, 1101649, 1101650, 1102604, 1102607, 10479901, 10479962, 10480027, 10480040
Lester Nos: 7914, 7964
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 20mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 126mm
Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer. For version w/ 6303 ball bearing use 21-139-1.
Features:
- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)

ALTERNATOR - FRAMES, D.E. (21-)

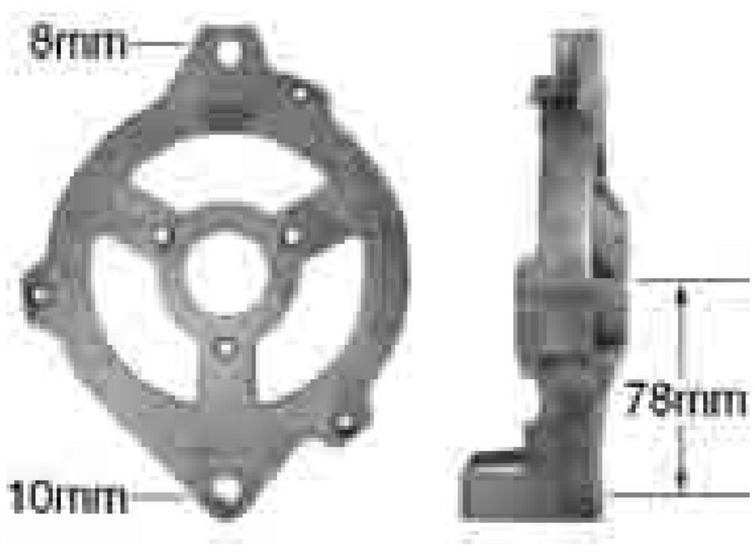
DELCO

CS130 Series (12:00 Mtg. Ear) (cont'd.)



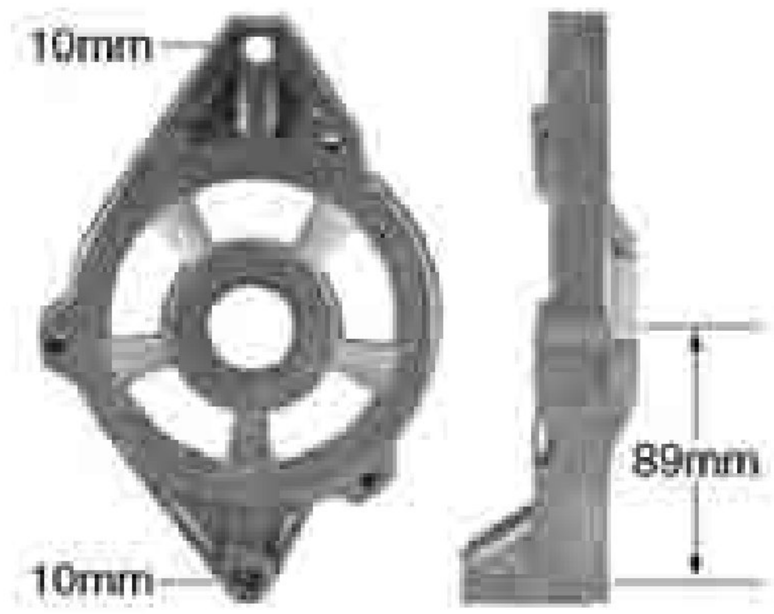
21-135
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1993-90) Chevrolet Truck, GMC Truck
Replaces: Delco 10467239, 10467240
Unit Nos: Delco 1101478, 1101480
Lester Nos: 7945, 7960
Dim:
Mtg. Ear Hole Size: M10 x 1.50
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 84mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 126mm
Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer. For version w/ 6303 ball bearing use 21-150-1.
Features:
- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



21-137
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1993-88) Buick, Eagle, Oldsmobile, Pontiac
Replaces: Delco 10468448, 10473393
Unit Nos: Delco 1101173, 1101271, 1101642, 10480035
Lester Nos: 8137, 8154
Dim:
Mtg. Ear Hole Size: 8mm
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 126mm
Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer
Features:
- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)

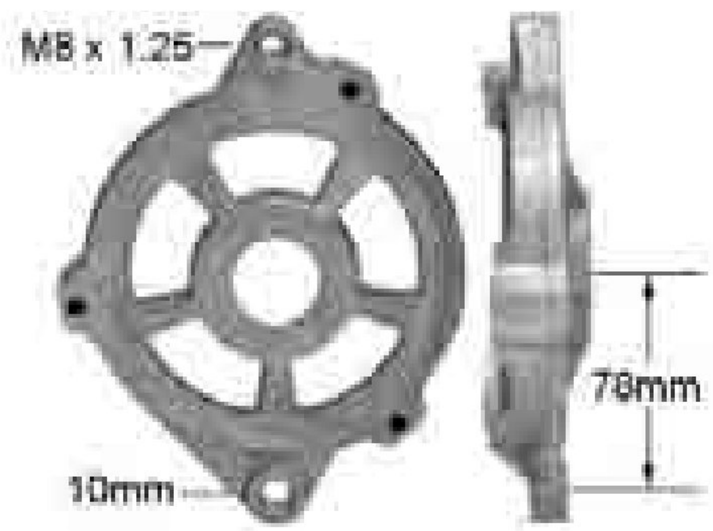


21-139
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1996-91) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10473705, 10473707, 10476412
Unit Nos: Delco 10479954, 10480098, 10480127
Lester Nos: 7903, 8103
Dim:
Mtg. Ear Hole Size 10mm
Mtg. Ear Thickness 20mm
Mtg. Foot Hole Size 10mm
Mtg. Foot to Bearing Center 89mm
Bearing Bore Dia. 47mm
Stator Bore Dia. 126mm
Note: Used w/ 6303 bearing, requires 46-1511 bearing retainer, 46-1618 rotor spacer. For version requiring 6203 bearing use 21-128.

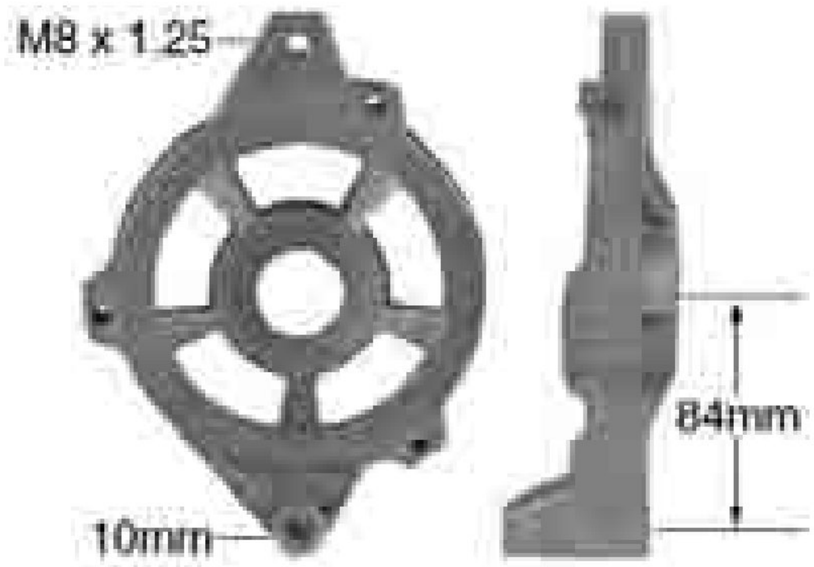
21-139-1
D.E. Frame w/ Bearing

Same as 21-139 except...
Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.



21-147
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1992-88) Dodge, Eagle; Freightliner
Replaces: Delco 10468449*, 10469671, 10469874, 10477072
Unit Nos: Delco 1101266*, 1101267*, 1101638, 1102644*, 10479969, 10479976
Lester Nos: 7687, 7973
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia.: 47mm
Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer.
*21-147 replaces OE D.E. frame w/ 6203 bearing.



21-149
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1997-94) Chevrolet, GMC
Replaces: Delco 10476367, 10476368
Unit Nos: Delco 1101125, 1101126, 1101137, 1101138, 1101141, 10480083, 10480085, 10480088, 10480089, 10480090, 10480091, 10480092
Lester Nos: 7802, 7858, 7867, 7894, 8166, 8167
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 84mm
Bearing Bore Dia.: 47mm
Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer. For version requiring 6203 bearing use 21-118.

21-149-1
D.E. Frame w/ Bearing

Same as 21-149 except...
Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.

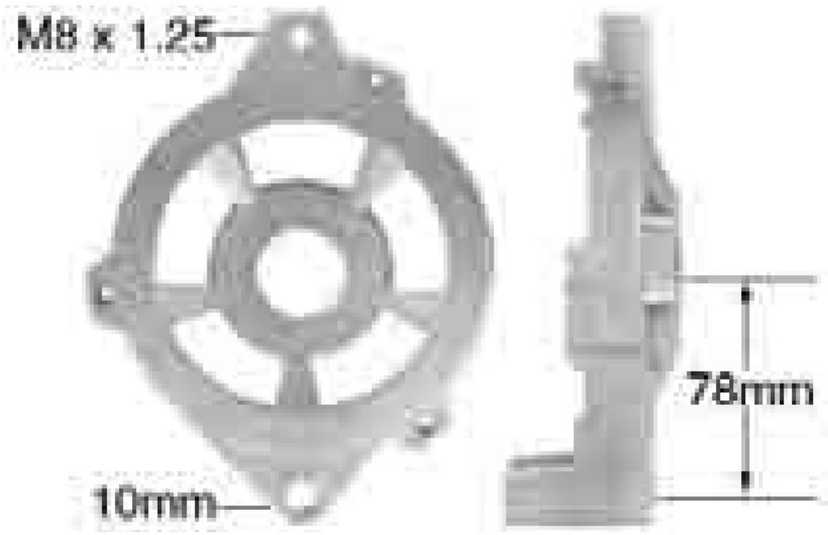


21-150
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 10476370, 10476371
Unit Nos: Delco 10480093
Lester Nos: 7960
Dim:
Mtg. Ear Hole Size: M10 x 1.50
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 84mm
Bearing Bore Dia.: 47mm
Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer. For version requiring 6203 bearing use 21-135.

21-150-1
D.E. Frame w/ Bearing

Same as 21-150 except...
Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.



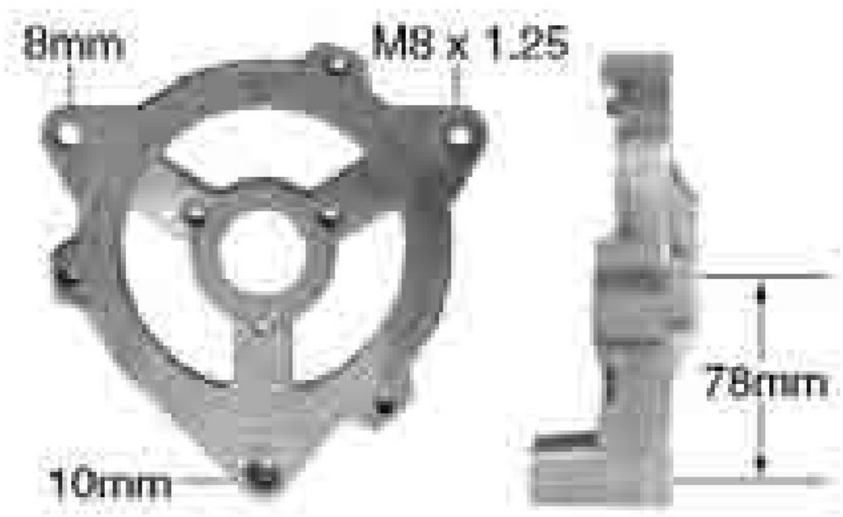
21-163
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1992-86) Buick, Oldsmobile, Pontiac
Replaces: Delco 10495814, 10495816, D3456
Unit Nos: Delco 1101123, 1101124, 1101144, 1101145, 1101190, 1101475, 1101608, 1105669, 1105670, 10479898, 10479937, 10479938
Lester Nos: 7801, 7870, 7872
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia.: 47mm
Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer. For version requiring 6203 bearing use 21-119.

ALTERNATOR - FRAMES, D.E. (21-)

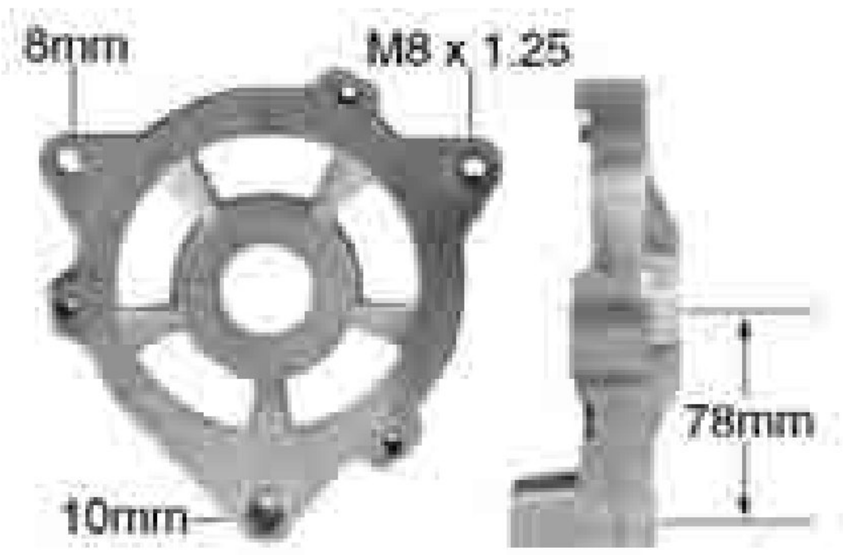
DELCO

CS130 Series (3-Mtg. Ears)



21-125
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1992-87) Buick, Chevrolet, Oldsmobile
Replaces: Delco 10496336, 10496337, D3458
Unit Nos: Delco 1101191, 1101461, 1101605, 1105701, 10479963
Lester Nos: 7886, 7933
Dim:
Mtg. Ear-1 Hole Size: 8mm
Mtg. Ear-1 Thickness: 18mm
Mtg. Ear-2 Hole Size: M8 x 1.25
Mtg. Ear-2 Thickness: 18mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 126mm
Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer. For version w/ 6303 ball bearing use 21-164-1.
Features:
- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



21-164
D.E. Frame

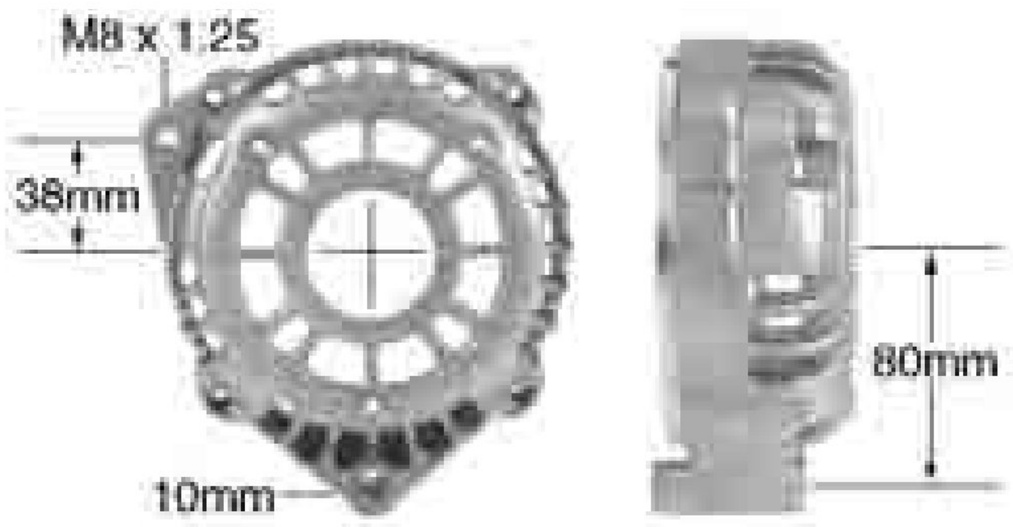
For: Delco CS130 Series IR/EF Alternators
Used On: (1992-87) Buick, Chevrolet, Oldsmobile
Replaces: Delco 10496336, 10496337, D3458
Unit Nos: Delco 1101191, 1101461, 1101605, 1105701, 10479963
Lester Nos: 7886, 7933
(cont'd.)

(cont'd.)
Dim:
Mtg. Ear-1 Hole Size: 8mm
Mtg. Ear-1 Thickness: 18mm
Mtg. Ear-2 Hole Size: M8 x 1.25
Mtg. Ear-2 Thickness: 18mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 78mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer. For version requiring 6203 bearing use 21-125.

21-164-1
D.E. Frame w/ Bearing

Same as 21-164 except...
Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.

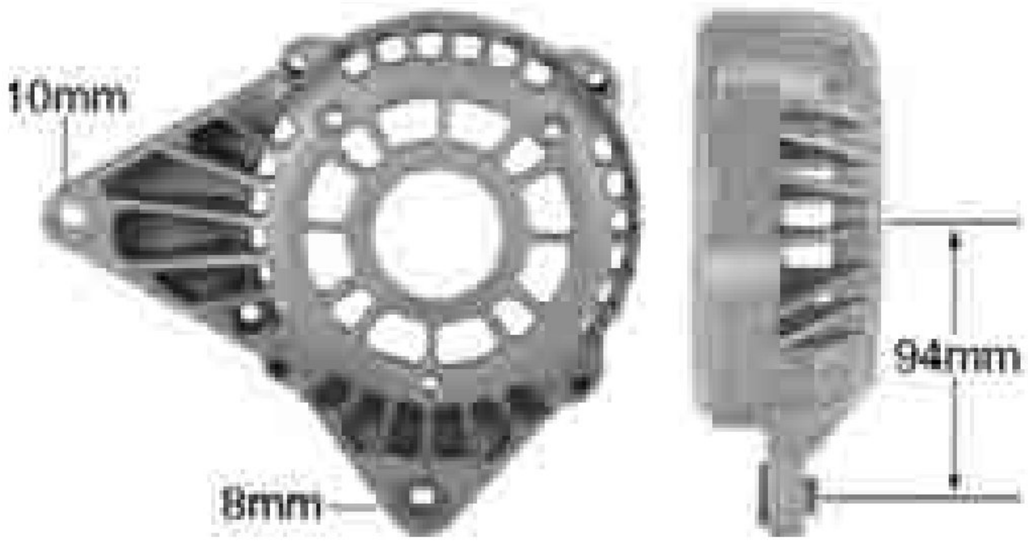
CS130D Series (2:00-3:00* or Left Mtg. Ear)



21-155
D.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2002-94) Chevrolet, GMC, Isuzu, Oldsmobile
Unit Nos: Delco 10479981, 10479984, 10480017, 10480072, 10480187, 10480188, 10480189, 10480190, 10480252
Lester Nos: 8160, 8233
WAI Ref. Nos: 1-1802-21DR, 1-1802-31DR, 1-1802-42DR, 1-2175-31DR
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 80mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Stator Bore Depth: 24.5mm
Note: Used w/ 6303 ball bearing & 46-1510 bearing retainer.

*Viewed from slip ring end of alternator

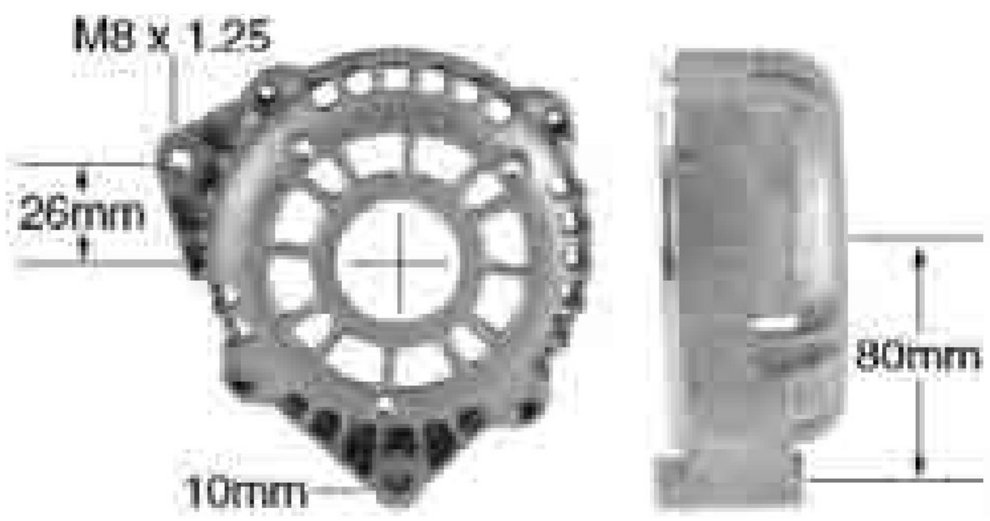


21-158
D.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2002-95) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480182, 10480218, 10480240, 10480260, 10480262, 10480264, 10480301, 10480307, 10480351, 10480354, 10480378
Lester Nos: 8200, 8224
WAI Ref. Nos: 1-1985-01DR, 1-2070-01DR, 1-2070-02DR, 1-2290-01DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 22mm
Mtg. Foot Hole Size: 8mm
Mtg. Foot to Bearing Center: 94mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Stator Bore Depth: 24.5mm
Note: Used w/ 6303 ball bearing & 46-1510 bearing retainer.
Components:
46-1565 Mounting Bushing

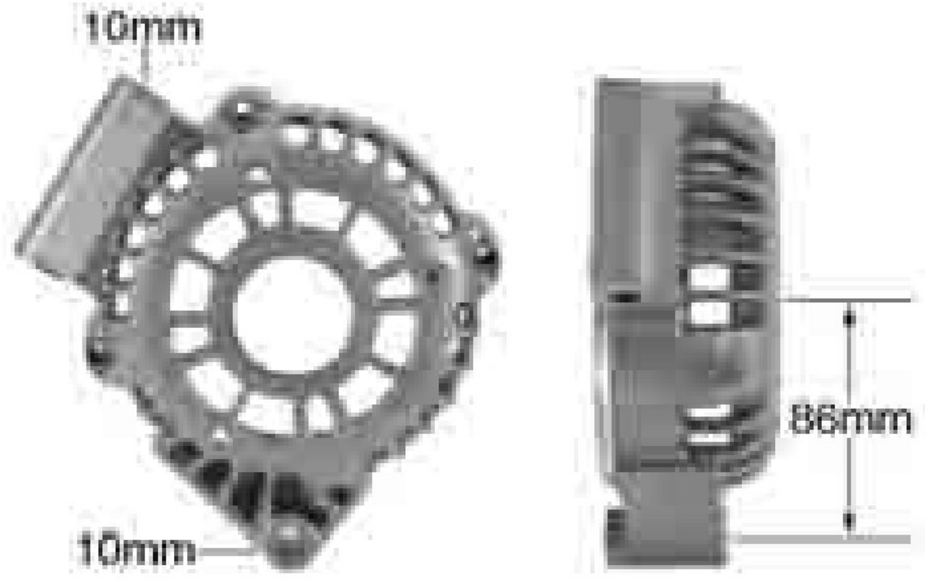
21-158-1
D.E. Frame w/ Bearing

Same as 21-158 except...
Note: Includes 6-303-4 ball bearing.



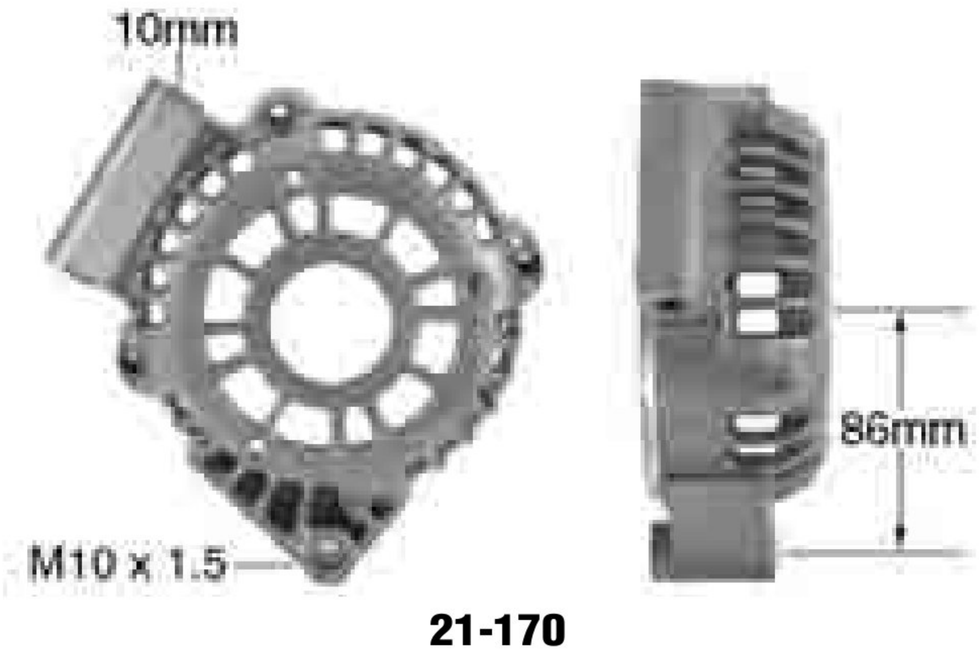
21-160
D.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2002-96) Chevrolet, Pontiac
Unit Nos: Delco 10480076, 10480078, 10480289, 10480321, 10480361
Lester Nos: 8199, 8208
WAI Ref. Nos: 1-2019-11DR, 1-2043-11DR
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 80mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Stator Bore Depth: 24.5mm
Note: Used w/ 6303 ball bearing & 46-1510 bearing retainer.



21-161
D.E. Frame

For: Delco CS130D Series 105A* IR/IF Alternators
Used On: (1999-96) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480079, 10480322
Lester Nos: 8197
WAI Ref. Nos: 1-2020-01DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 74mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 86mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Stator Bore Depth: 24.5mm
Note: Used w/ 6303 ball bearing, 27-137 stator & 46-1510 bearing retainer.
*Stator bore depth 24.5mm. Similar to 21-172 except 21-172 has stator bore depth 25.5mm for 102 Amp alternators.



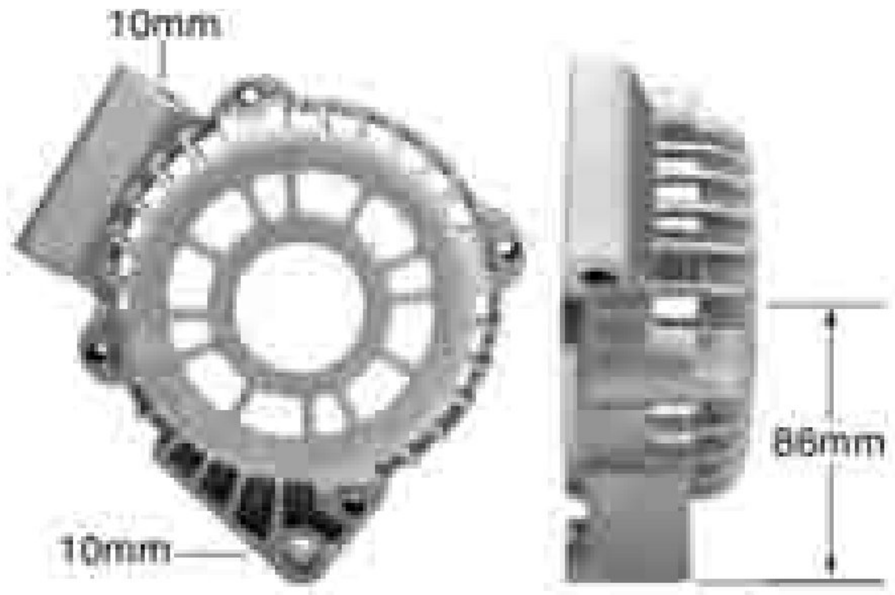
21-170
D.E. Frame

For: Delco CS130D Series 102*A IR/IF Alternators
Used On: (2001-97) Chevrolet, Oldsmobile
Unit Nos: Delco 10480299, 10480317, 10480318
Lester Nos: 8230, 8249
WAI Ref. Nos: 1-2135-01DR, 1-2222-01DR, 1-2322-01DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 74mm
Mtg. Foot Hole Size: M10 x 1.5
Mtg. Foot to Bearing Center: 86mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Stator Bore Depth: 25.5mm
Note: Used w/ 6303 ball bearing, 27-142 stator & 46-1510 bearing retainer.
*Stator bore depth 25.5mm. Similar to 21-182-1 except 21-182-1 has stator bore depth 24.5mm for 105 Amp alternators.

ALTERNATOR - FRAMES, D.E. (21-)

DELCO

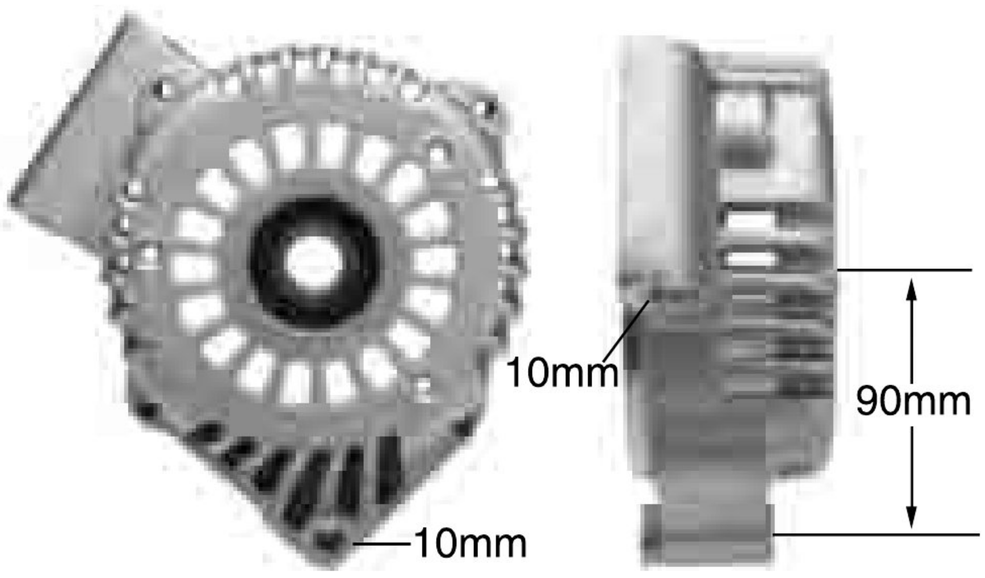
CS130D (2:00-3:00* or Left Mtg. Ear) (cont'd.)



21-172

D.E. Frame

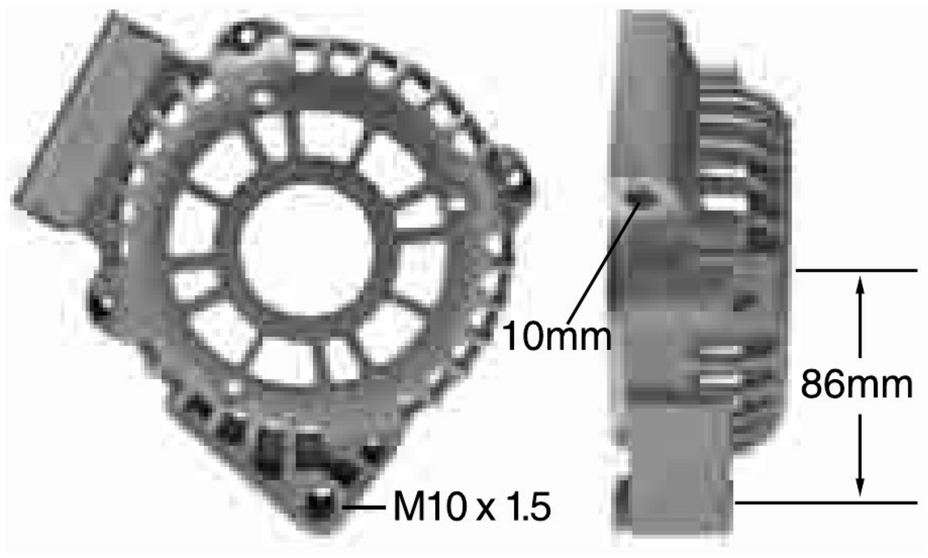
For: Delco CS130D Series 102*A IR/IF Alternators
Used On: (2001-97) Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480184, 10480207, 10480320
Lester Nos: 8228, 8229
WAI Ref. Nos: 1-2069-01DR, 1-2071-01DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 74mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 86mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Stator Bore Depth: 25.5mm
Note: Used w/ 6303 ball bearing, 27-142 stator & 46-1510 bearing retainer.
*Stator bore depth 25.5mm. Similar to 21-161 except 21-161 has stator bore depth 24.5mm for 105 Amp alternators.



21-174-1

D.E. Frame w/ Bearing

For: Delco CS130D Series 102, 110A IR/IF Alternators
Used On: (2003-99) Buick, Chevrolet, Pontiac
Unit Nos: Delco 10437987, 10437988, 10480292, 10480330, 10480331, 10480346, 10480348, 10480352
Lester Nos: 8234, 8243
WAI Ref. Nos: 1-2213-01DR, 1-2213-02DR, 1-2214-01DR, 1-2214-02DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 74mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 90mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Stator Bore Depth: 25.5mm
Note: Includes 6-303-4 ball bearing.



21-182

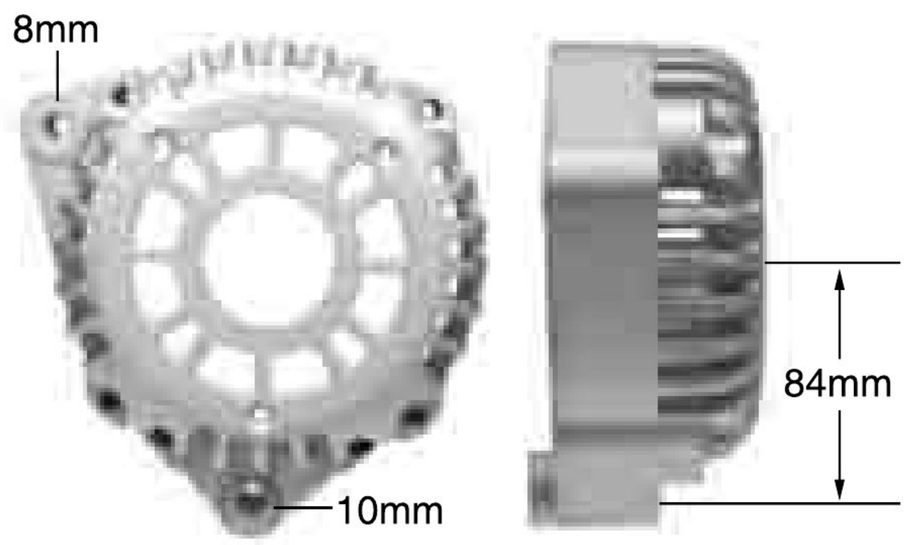
D.E. Frame

For: Delco CS130D Series 105*A IR/IF Alternators
Used On: (2000-99) Oldsmobile, Pontiac
Unit Nos: Delco 10480332, 10480336
Lester Nos: 8230
WAI Ref. Nos: 1-2135-01DR, 1-2322-01DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 74mm
Mtg. Foot Hole Size: M10 x 1.5
Mtg. Foot to Bearing Center: 86mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Stator Bore Depth: 24.5mm
Note: Used w/ 6303 ball bearing, 27-137 stator & 46-1510 bearing retainer.
*Stator bore depth 24.5mm. Similar to 21-170-1 except 21-170-1 has stator bore depth 25.5mm for 102 Amp alternators.

21-182-1

D.E. Frame w/ Bearing

Same as 21-182 except...
Note: Includes 6-303-4 ball bearing.



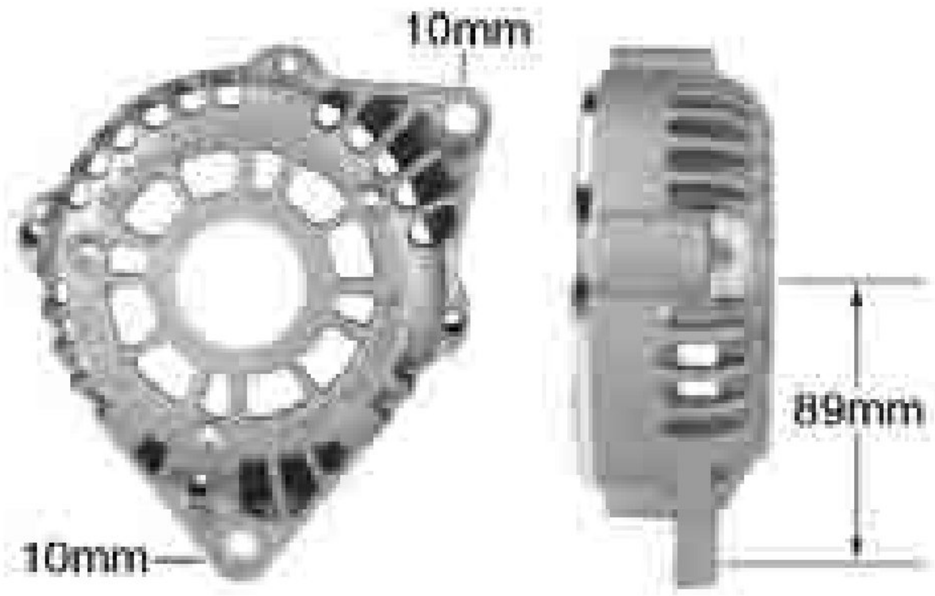
21-188

D.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (1999-97) Acura, Honda
Unit Nos: Delco 10480228, 10463963, 10464417; Honda 31100-P8A-A01, -A02
Lester Nos: 8220
WAI Ref. Nos: 1-2058-11DR
Dim:
Mtg. Ear Hole Size: 8mm
Mtg. Ear Thickness: 35mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 84mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Stator Bore Depth: 24.5mm

*Viewed from slip ring end of alternator

CS130D Series (10:00* or Right Mtg. Ear)

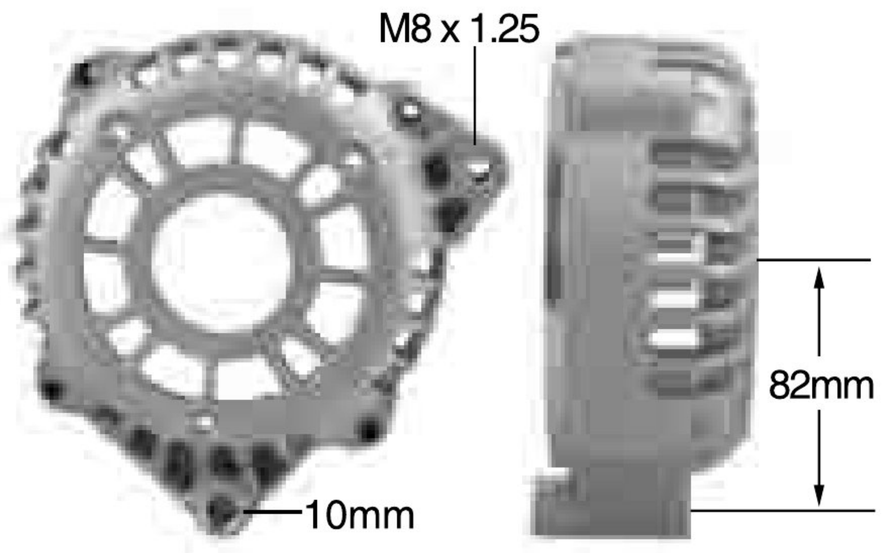


21-153
D.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (1999-93) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480052, 071, 119, 195, 196, 217, 233, 235, 236, 237, 238, 259, 263, 353
Lester Nos: 8155, 8156, 8222
WAI Ref. Nos: 1-1797-01DR, 1-1797-02DR, 1-1799-01DR, 1-1799-02DR, 1-2068-01DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 14mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Stator Bore Depth: 24.5mm
Note: Used w/ 6303 ball bearing & 46-1510 bearing retainer.

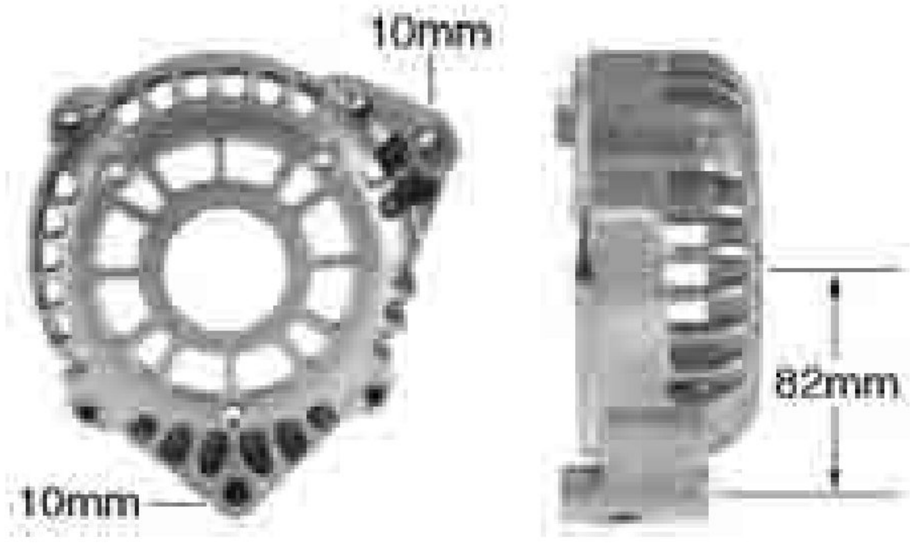
21-153-1
D.E. Frame w/ Bearing

Same as 21-153 except...
Note: Includes 6-303-4 ball bearing.



21-157
D.E. Frame

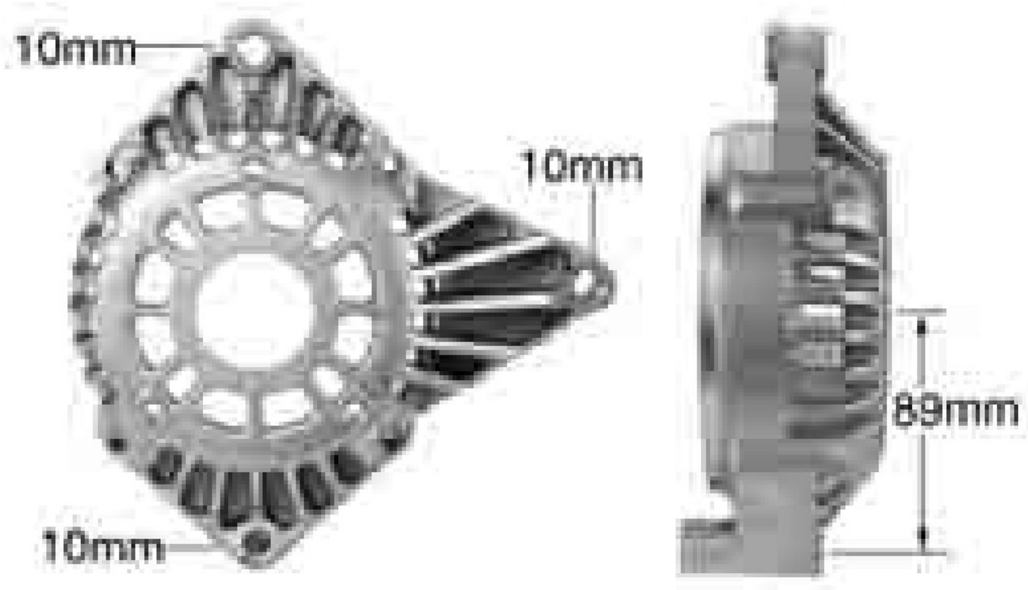
For: Delco CS130D Series IR/IF Alternators
Used On: (1995) Chevrolet, Pontiac
Replaces: Delco 10477149, Ref# C-6021
Unit Nos: Delco 10463605, 10480074
Lester Nos: 8190
WAI Ref. Nos: 1-1986-41DR
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 24mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 82mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing & 46-1510 bearing retainer.



21-159
D.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2005-96) Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile
Unit Nos: Delco 10480167, 10480168, 10480170, 10480198, 10480251, 10480254
Lester Nos: 8206, 8216, 8227, 8231
WAI Ref. Nos: 1-1995-21DR, 1-1995-22DR, 1-2042-21DR, 1-2156-21DR
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 51mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 82mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Stator Bore Depth: 24.5mm
Note: Used w/ 6303 ball bearing & 46-1510 bearing retainer.

CS130D Series (3-Mtg. Ears)



21-171
D.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (1998-97) Buick
Unit Nos: Delco 10480191, 10480250
Lester Nos: 8223
WAI Ref. Nos: 1-2067-31DR
Dim:
Mtg. Ear Hole-1 Size: 10mm
Mtg. Ear Thickness: 20mm
Mtg. Ear Hole-2 Size: 10mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 86mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing & 46-1510 bearing retainer.

*Viewed from slip ring end of alternator

ALTERNATOR - FRAMES, D.E. (21-)

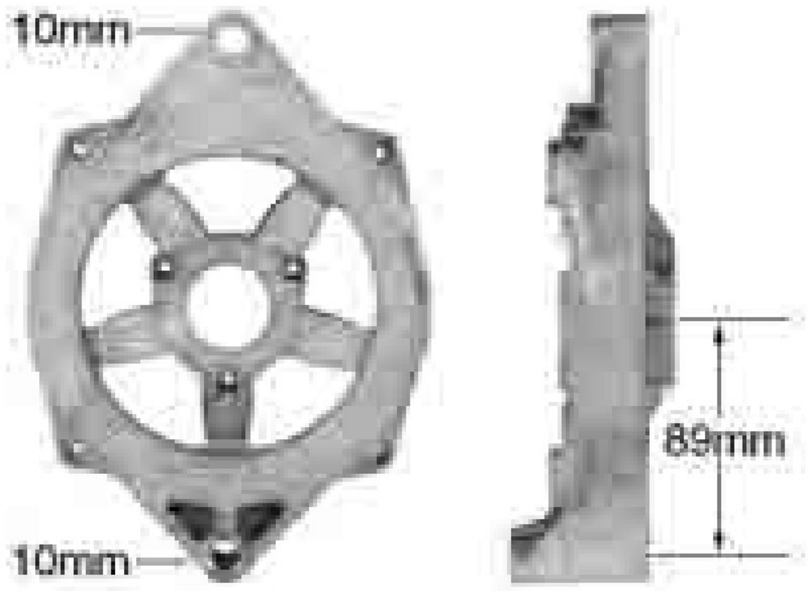
DELCO

CS130D Series (3-Mtg. Ears) (cont'd.)

21-171-1
D.E. Frame w/ Bearing

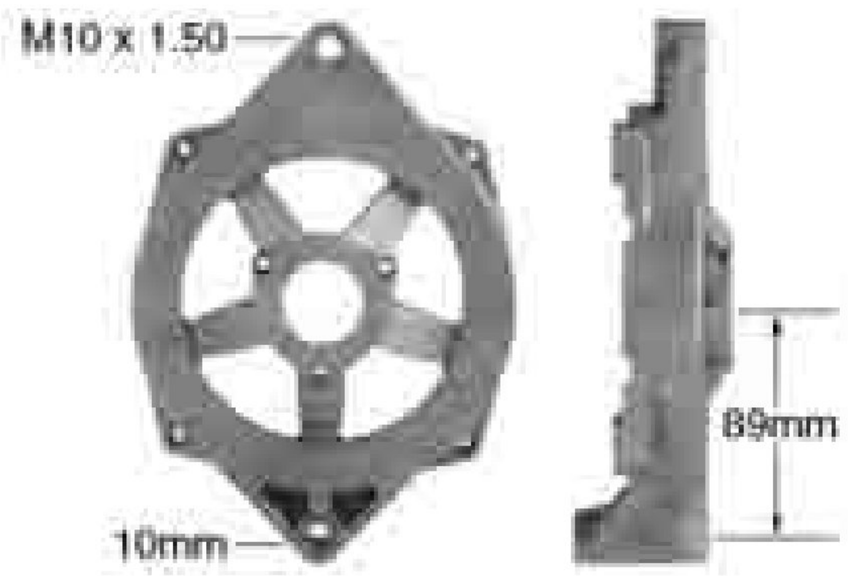
Same as 21-171 except...
Note: Includes 6-303-4 ball bearing.

CS144 Series



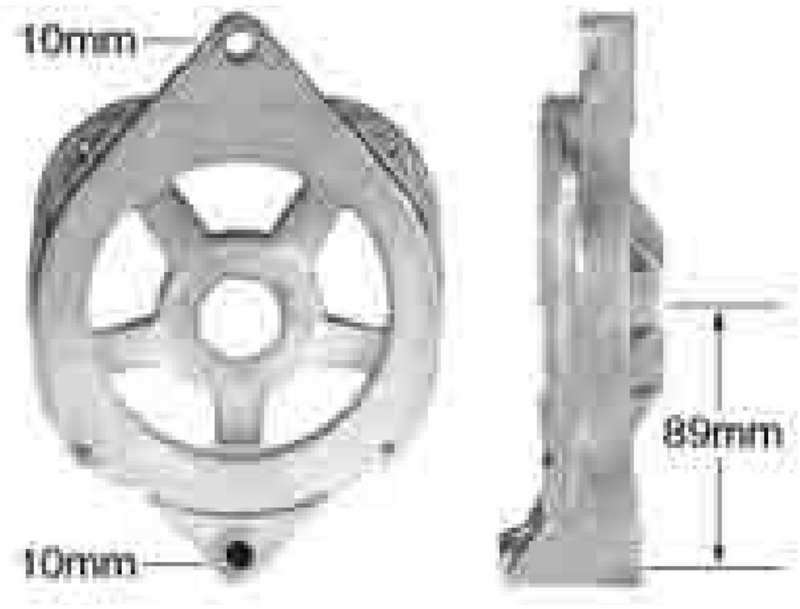
21-120
D.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (1995-86) Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 1989601, 10470800, D3449, D3462
Unit Nos: Delco 1101182, 183, 237, 238, 250, 274, 316, 325, 326, 331, 349, 454, 566, 567, 573, 597, 604, 849; 1105615, 616, 684, 685; 10479838, 843, 844, 853, 854, 855, 904, 907; 10480131
Lester Nos: 7805, 7864, 8119
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 20mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 144mm
Note: Used w/ 6203 ball bearing



21-121
D.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (1995-86) Buick, Cadillac, Chevrolet, GMC, Oldsmobile
Replaces: Delco 1989709, D3450
Unit Nos: Delco 1101133, 212, 213, 214, 239, 270, 294, 295, 296, 329, 330, 350, 482, 486, 487, 490, 491, 493, 518, 519, 574, 591, 805; 1102634, 637, 639, 641, 642, 643; 1105625, 626, 657; 10479809, 836, 839, 847, 959
Lester Nos: 7806, 7812, 7813, 7863, 7901, 7904, 7942, 7959
Dim:
Mtg. Ear Hole Size: M10 x 1.50
Mtg. Ear Thickness: 20mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 144mm
Note: Used w/ 6203 ball bearing



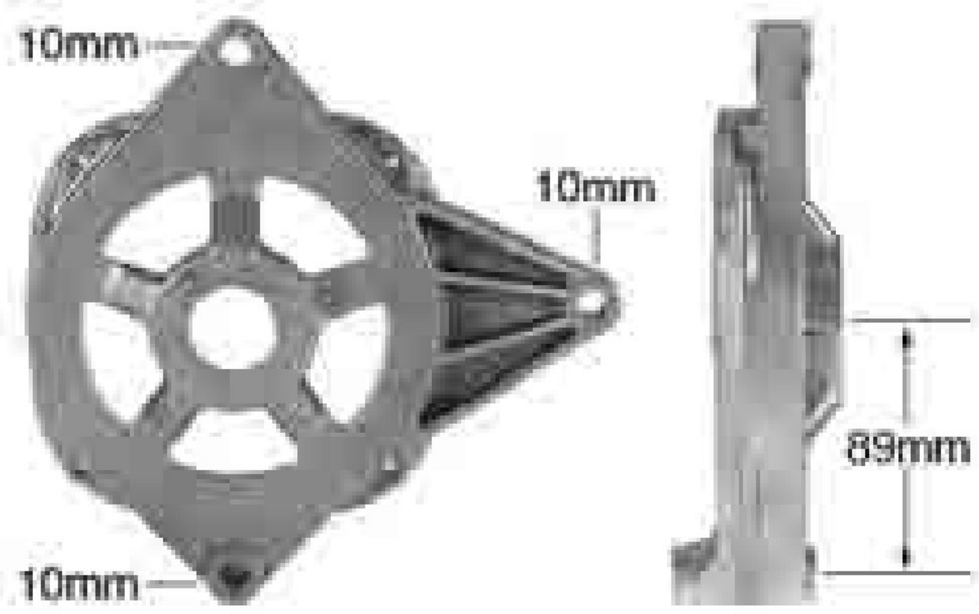
21-140
D.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (1997-91) Buick, Cadillac, Chevrolet, Chevrolet Truck, GMC Truck, Oldsmobile, Pontiac
Replaces: Delco 10471339, D3463
Unit Nos: Delco 1101590, 844; 1102605, 616, 625; 10479891, 966; 10480010, 011, 018, 022, 023, 026, 033, 034, 111, 120, 171, 201, 203, 269
Lester Nos: 7678, 7684, 7984, 7985, 8112, 8136, 8172, 8183, 8191, 8192
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 20mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 144mm
Note: Used w/ 6303 ball bearing



21-141
D.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (2002-91) Cadillac, Chevrolet, GMC, Oldsmobile
Replaces: Delco 10470419, D3465
Unit Nos: Delco 1101578, 579, 818, 819, 847, 850; 10479817, 852, 995, 996; 10480008, 009, 012, 019, 024, 048, 116, 122, 138, 139, 177, 200, 202, 282, 296, 297, 310, 311
Lester Nos: 7966, 7969, 8113, 8127, 8134, 8163, 8170, 8173, 8175, 8188, 8214, 8218, 8226
Dim:
Mtg. Ear Hole Size: M10 x 1.50
Mtg. Ear Thickness: 20mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 144mm
Note: Used w/ 6303 ball bearing

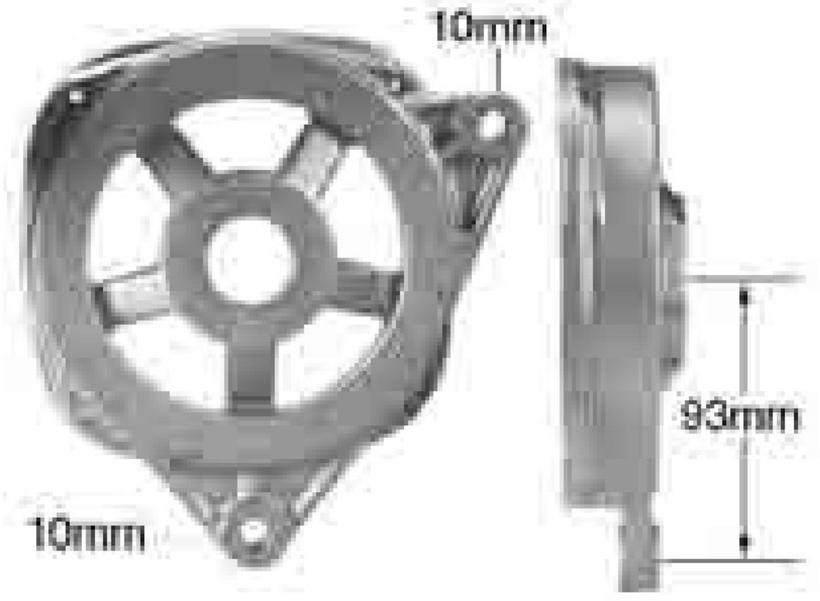


21-156
D.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (1999-95) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10487578
Unit Nos: Delco 10480135, 10480186, 10480204, 10480205, 10480227, 10480278, 10480279, 10480363
Lester Nos: 8174, 8193, 8194, 8213
Dim:
Mtg. Ear-1 Hole Size: 10mm
Mtg. Ear-1 Thickness: 20mm
Mtg. Ear-2 Hole Size: 10mm
Mtg. Ear-2 Thickness: 22mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 144mm
Note: Used w/ 6303 ball bearing

21-156-1
D.E. Frame w/ Bearing

Same as 21-156 except...
Note: Includes 6-303-4 ball bearing



21-166
D.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (1998-96) Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10489792
Unit Nos: Delco 10480077, 10480211
Lester Nos: 8204
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear-1 Thickness: 14mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 93mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 144mm
Note: Used w/ 6303 ball bearing



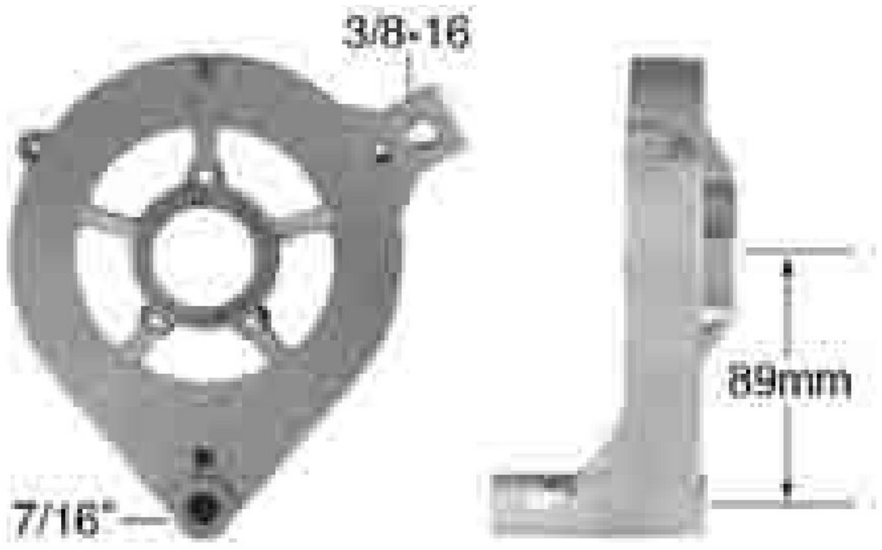
21-167
D.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (2000-96) Cadillac, Chevrolet, GMC
Replaces: Delco 10477422
Unit Nos: Delco 10480130, 10480133, 10480156, 10480192, 10480206, 10480255, 10480267
Lester Nos: 8203, 8209, 8219, 8221
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear-1 Thickness: 51mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 144mm
Note: Used w/ 6303 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

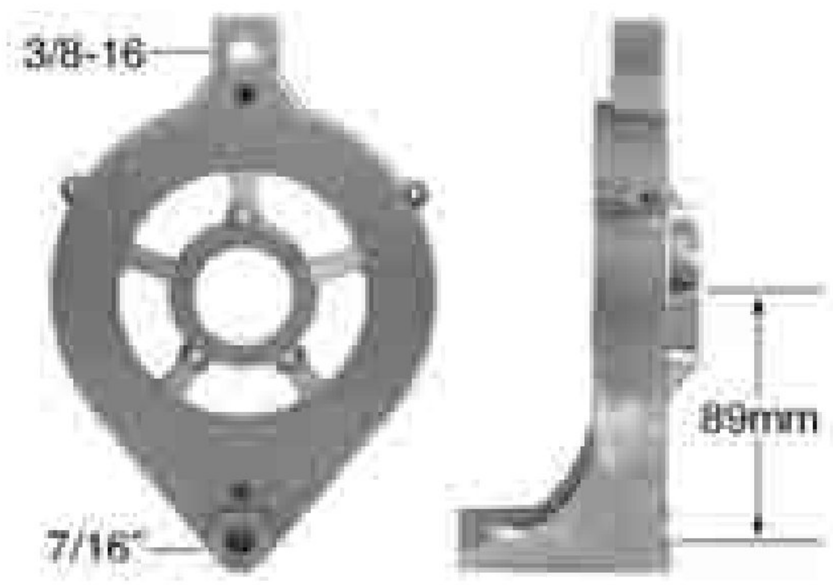
FORD

1G (Small Frame), 2G Series



21-201
D.E. Frame

For: Ford 1G Series 40-65A ER/EF; 2G Series 40-75A IR/EF Alternators
Used On: (1994-81) Ford, Lincoln, Mercury
Replaces: Ford E6DZ-10333-C, GD-359, GD-359-B
Lester Nos: 7083, 7084, 7088, 7720, 7731, 7732
Dim:
Mtg. Ear Hole Size: 3/8-16
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 7/16"
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 133mm
Note: 3-1/2" dia. cooling windows.
Used w/ 6203 ball bearing.
Similar to 21-210 except 21-210 has 4" dia. cooling windows.



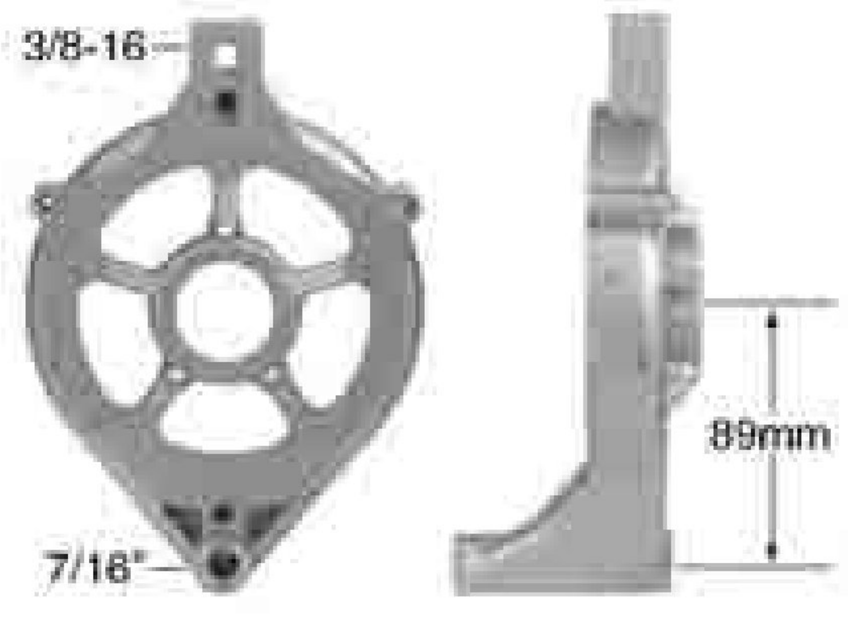
21-203
D.E. Frame

For: Ford 1G Series 40-65A ER/EF; 2G Series 40-75A IR/EF Alternators
Used On: (1994-73) AMC, Ford, Jeep, Lincoln, Mercury
Replaces: Ford C5AZ-10333-A, E6AZ-10333-A, GD-309, GD-324-B, GD-364
Lester Nos: 7058, 7067, 7076, 7078, 7706, 7716, 7735, 7738
Dim:
Mtg. Ear Hole Size: 3/8-16
Mtg. Ear Thickness: 21mm
Mtg. Foot Hole Size: 7/16"
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 133mm
Note: 3-1/2" dia. cooling windows.
Used w/ 6203 ball bearing.
Similar to 21-209 except 21-209 has 4" dia. cooling windows.



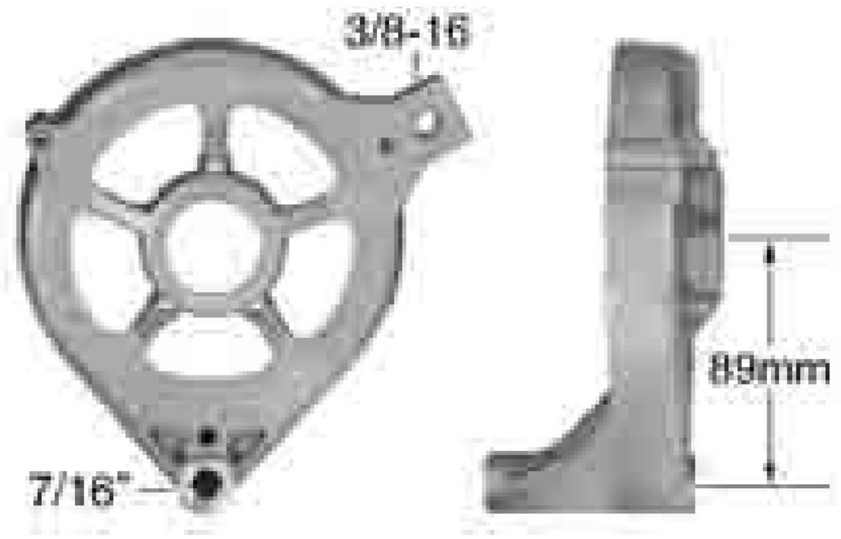
21-208
D.E. Frame

For: Ford 2G Series 75-80A IR/EF Alternators
Used On: (1991-90) Ford
Replaces: Ford F09Z-10333-A, GD-380
Unit Nos: Ford F09F-10300-AA, F09F-10300-BA, F0PF-10346-AA, F0PF-10346-BA, F0PZ-10346-A, F0PZ-10346-B
Lester Nos: 7746
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 55mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 88mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 133mm
Note: Used w/ 6203 ball bearing



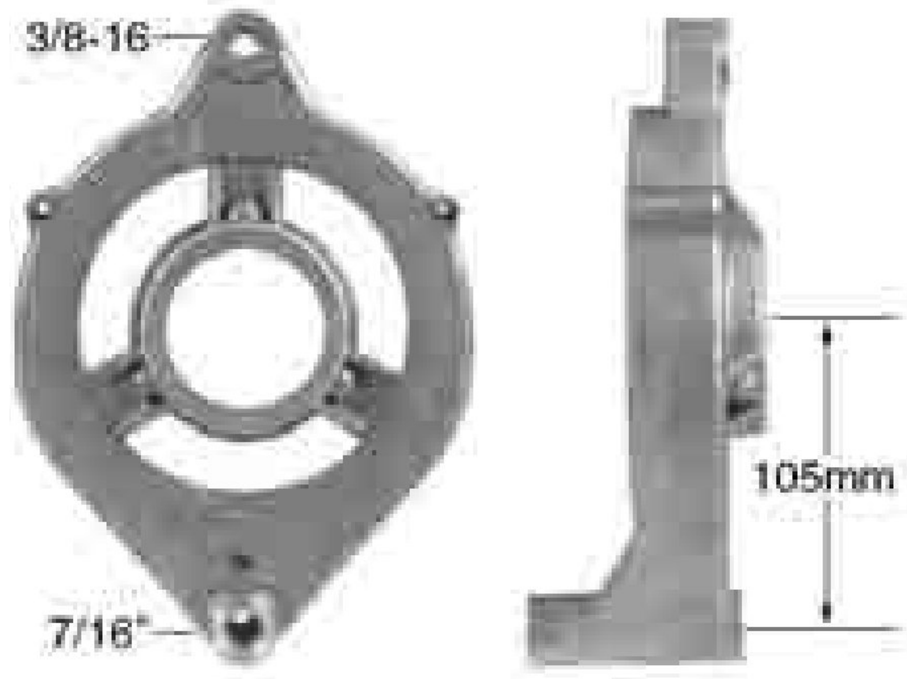
21-209
D.E. Frame

For: Ford 2G Series 80A IR/EF Alternators
Used On: (1992-87) Ford
Replaces: Ford E99Z-10333-A, GD-377
Unit Nos: Ford E9PZ-10346-B, F0PZ-10346-E
Lester Nos: 7745
Dim:
Mtg. Ear Hole Size: 3/8-16
Mtg. Ear Thickness: 21mm
Mtg. Foot Hole Size: 7/16"
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 133mm
Note: 4" dia. cooling windows.
Used w/ 6203 ball bearing.
Similar to 21-203 except 21-203 has 3-1/2" dia. cooling windows.



21-210
D.E. Frame

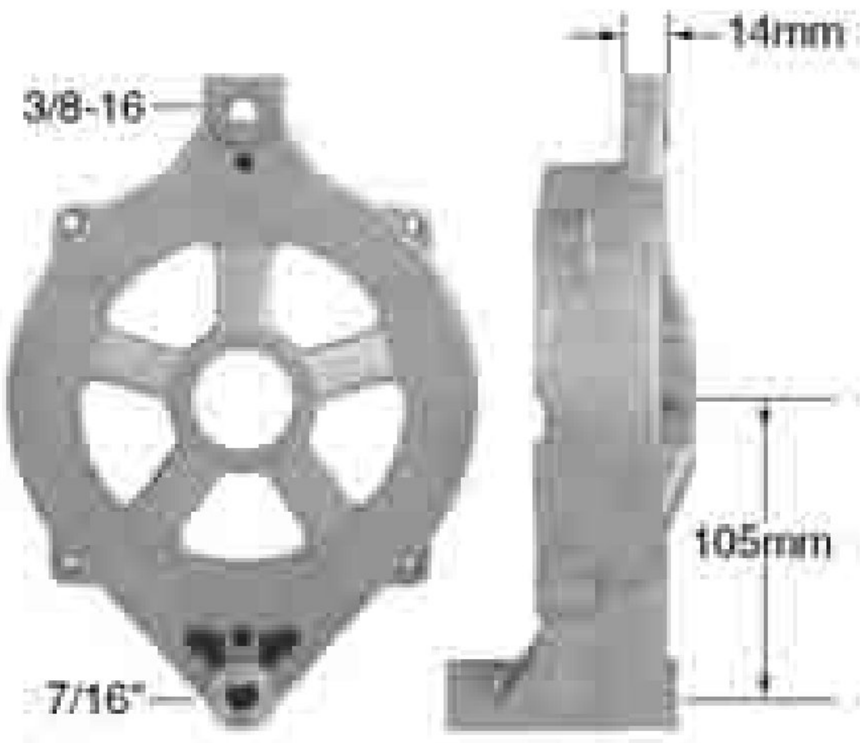
For: Ford 2G Series 80A IR/EF Alternators
Used On: (1992-87) Ford, Mercury
Replaces: Ford E8FZ-10333-A, GD-373
Unit Nos: Ford E9PZ-10346-C, -D; F0PZ-10346-F
Lester Nos: 7744
Dim:
Mtg. Ear Hole Size: 3/8-16
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 7/16"
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 133mm
Note: 4" dia. cooling windows.
Used w/ 6203 ball bearing.
Similar to 21-201 except 21-201 has 3-1/2" dia. cooling windows.



21-204
D.E. Frame

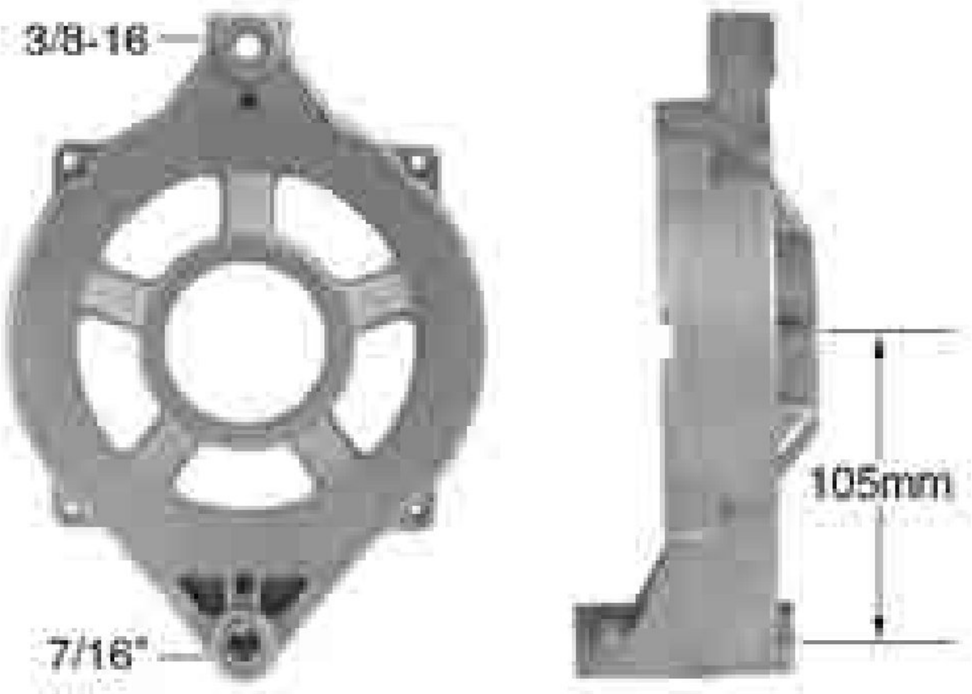
For: Ford 1G Series Truck 65-90A ER/EF Alternators
Replaces: Ford D4HZ-10333-A, GD-351
Unit Nos: Ford D2TF-10300-HA, D4HF-10300-BA, D4HF-10346-BA, D4HZ-10346-B, D4TF-10300-BA, D4TF-10300-CA, D4TF-10346-BA, D4TZ-10346-B
Lester Nos: 7068, 7069, 7080
Dim:
Mtg. Ear Hole Size: 3/8-16
Mtg. Ear Thickness: 23mm
Mtg. Foot Hole Size: 7/16"
Mtg. Foot to Bearing Center: 105mm
Bearing Bore Dia: 62mm
Stator Bore Dia: 155mm
Note: Used w/ 6305 ball bearing

1G Series (Large Frame)



21-202
D.E. Frame

For: Ford 1G Series 70-100A ER/EF Alternators
Used On: (1992-73) Ford, Lincoln, Mercury
Replaces: Ford D3VY-10333-A, GD-323-A
Lester Nos: 7072, 7074, 7705
Dim:
Mtg. Ear Hole Size: 3/8-16
Mtg. Ear Thickness: 14mm
Mtg. Foot Hole Size: 7/16"
Mtg. Foot to Bearing Center: 105mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 161mm
Note: Used w/ 6203 ball bearing.
Similar to 21-207 except 21-207 has 27mm thick mtg. ear.



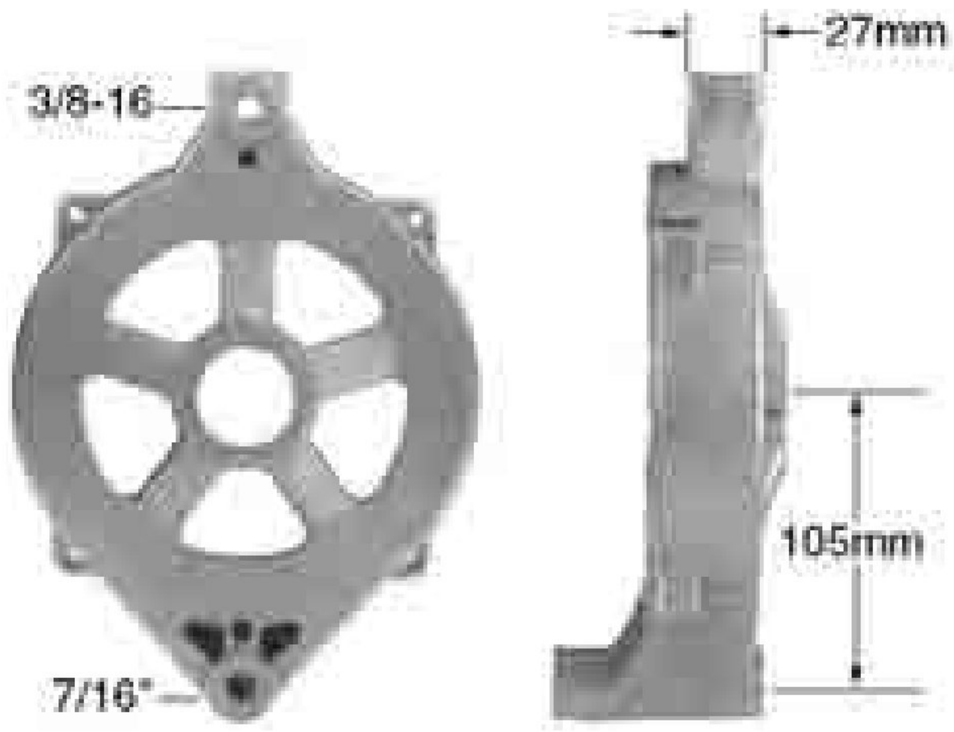
21-205
D.E. Frame

For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford E2HZ-10333-A, GD-360
Unit Nos: Ford E2HZ-10346-B, -C, -D, -E; F0HZ-10346-A, -B, -C, -D, -E, -F
Lester Nos: 7712
Dim:
Mtg. Ear Hole Size: 3/8-16
Mtg. Ear Thickness: 23mm
Mtg. Foot Hole Size: 7/16"
Mtg. Foot to Bearing Center: 105mm
Bearing Bore Dia: 62mm
Stator Bore Dia: 161mm
Note: Used w/ 6305 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

FORD

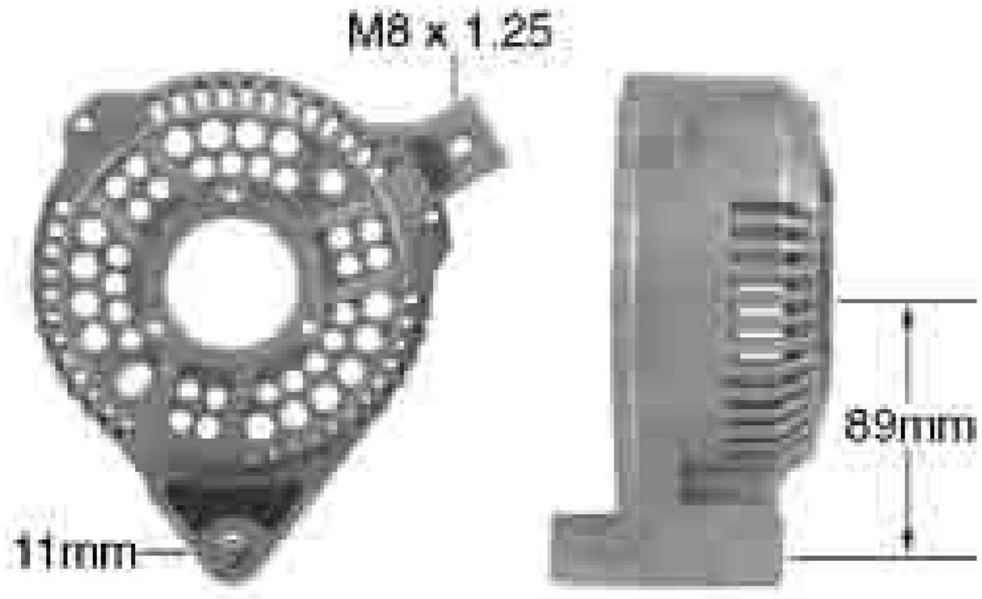
1G Series (Large Frame) (cont'd.)



21-207
D.E. Frame

For: Ford 1G Series 100A ER/EF Alternators
Used On: (1991-88) Ford, Lincoln, Mercury
Replaces: Ford E8OZ-10333-A, GD-369
Unit Nos: Ford E8PZ-10346-B, E9PZ-10346-E
Lester Nos: 7742
Dim:
Mtg. Ear Hole Size: 3/8-16
Mtg. Ear Thickness: 27mm
Mtg. Foot Hole Size: 7/16"
Mtg. Foot to Bearing Center: 105mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 161mm
Note: Used w/ 6203 ball bearing.
Similar to 21-202 except 21-202 has 14mm thick mtg. ear.

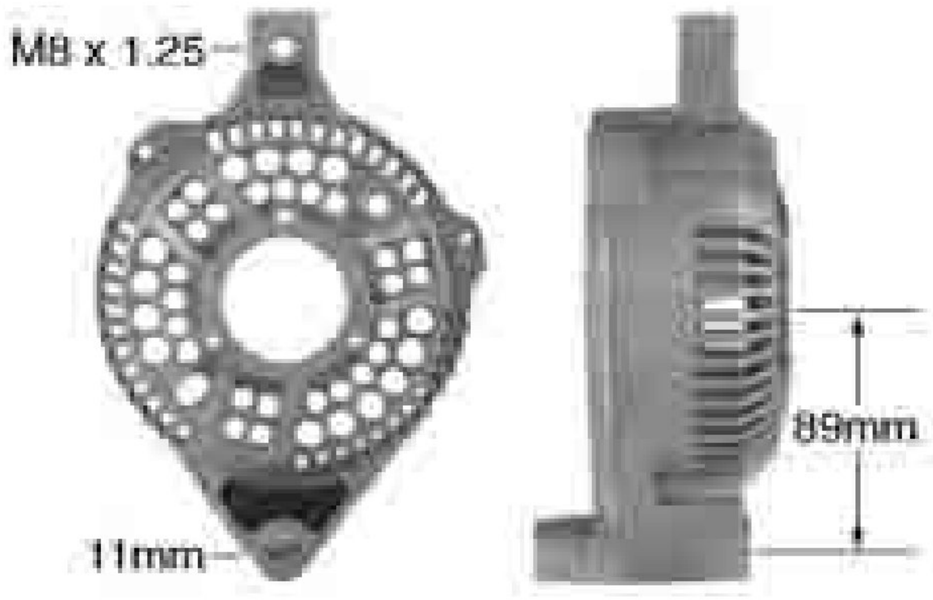
3G Series (Small Frame)



21-211
D.E. Frame

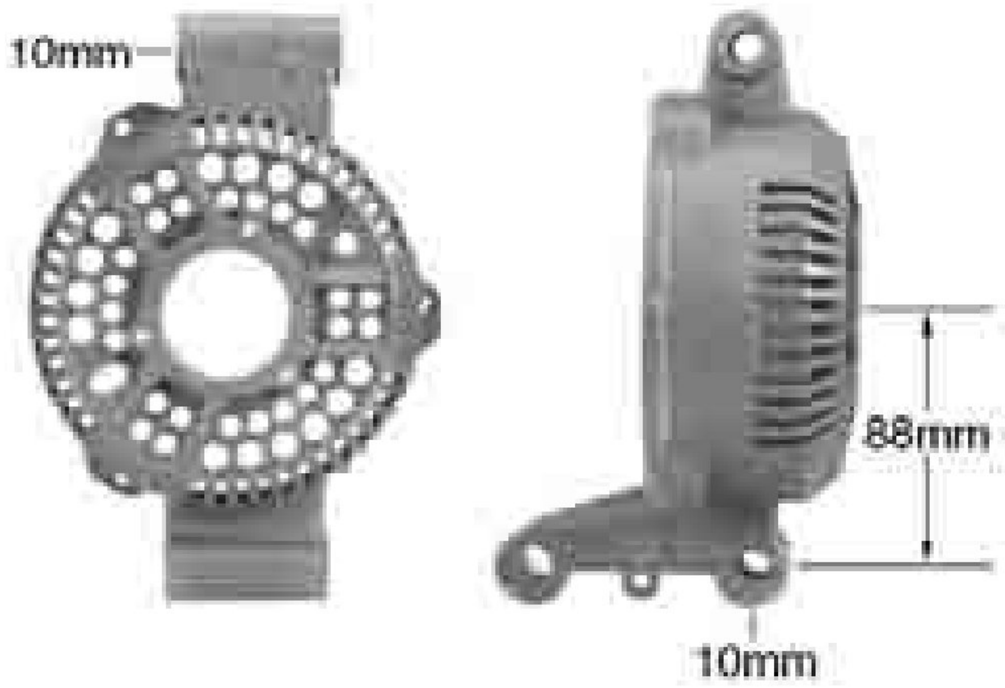
For: Ford 3G Series 90-95A IR/IF Alternators
Used On: (1996-89) Ford, Mercury
Unit Nos: Ford E9DZ-10346-B; F0DZ-10346-A, -D; F13Z-10346-A, F1SZ-10346-A, F2UZ-10346-C, F6PZ-10346-HA
Lester Nos: 7755
(cont'd.)

(cont'd.)
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 21mm
Mtg. Foot Hole Size: 11mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 129mm
Frame OD: 135mm
Note: Used w/ 6303 ball bearing



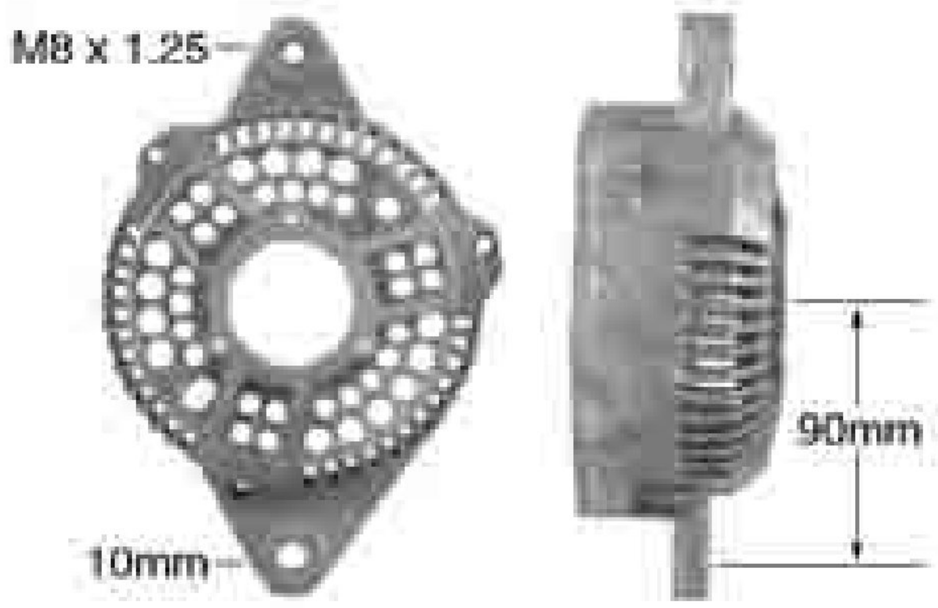
21-212
D.E. Frame

For: Ford 3G Series 85-95A IR/IF Alternators
Used On: (1997-90) Ford, Ford Truck, Lincoln
Unit Nos: Ford F0PU-10346-NC, F0VF-10300-AA, F0VU-10300-AA, F0VU-10300-AB, F0VU-10300-AC, F0VY-10346-A, F0VY-10346-B, F1HT-10300-AA, F1HT-10300-AB, F1HT-10300-AC, F1PU-10346-DA, F1SU-10300-BA, F29U-10300-AB, F2HZ-10346-B, F2PU-10346-FC, F2UU-10300-CD, F2UU-10346-CD, F3HT-10300-GB, F5HT-10300-AA, F5HZ-10346-D, F69U-10300-AA, F6PZ-10346-KA, F6PZ-10346-PA, F6UU-10300-BA
Lester Nos: 7749, 7758
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 21mm
Mtg. Foot Hole Size: 11mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 129mm
Frame OD: 135mm
Note: Used w/ 6303 ball bearing



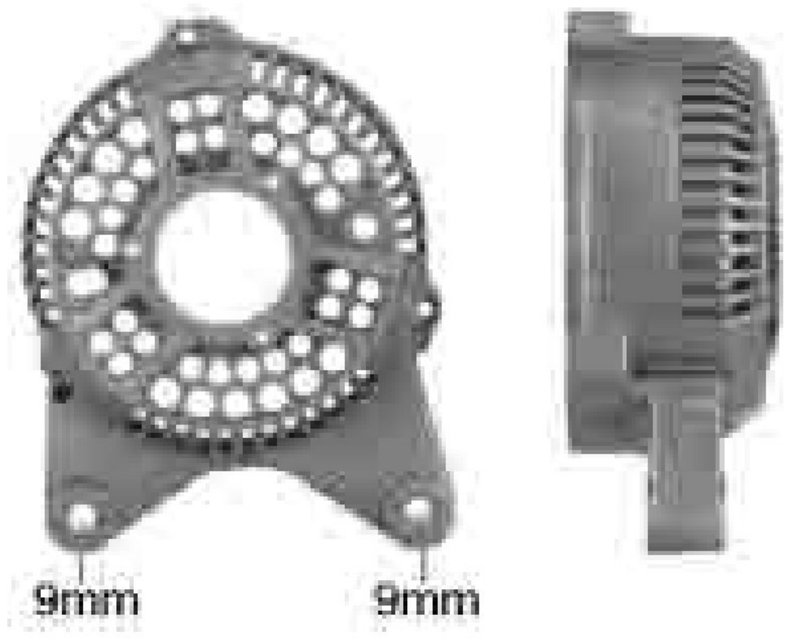
21-213
D.E. Frame

For: Ford 3G Series 95A IR/IF Alternators
Used On: (2005-91) Ford, Mazda, Mercury
Unit Nos: Ford F07F-10300-AA, F07U-10300-AA, F07U-10300-AB, F07U-10300-AC, F07U-10346-AC, F0PU-10346-BD, F17U-10300-AA, F1PU-10346-CA, F1TZ-10346-B, F1TZ-10346-C, F57U-10300-AA, F67U-10300-AA, F67U-10300-BA, F6PZ-10346-LA, F7CU-10300-AB, F7PU-10346-JA, F7PZ-10346-JA
Lester Nos: 7750, 7794
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 55mm
Mtg. Foot-1 Hole Size: 10mm
Mtg. Foot-2 Hole Size: 13mm
Mtg. Foot to Bearing Center: 88mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 129mm
Frame OD: 135mm
Note: Used w/ 6303 ball bearing



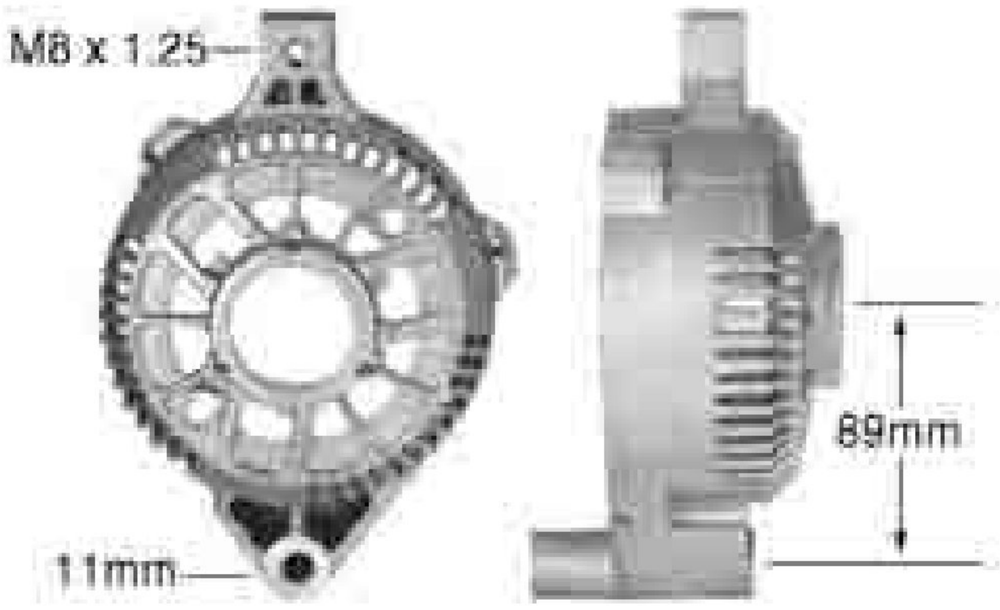
21-214
D.E. Frame

For: Ford 3G Series 75-95A IR/IF Alternators
Used On: (1996-91) Ford, Mercury
Unit Nos: Ford F0CZ-10346-A, -C; F23Z-10346-A, F6PZ-10346-UA
Lester Nos: 7751, 7760
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 18mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 90mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 129mm
Frame OD: 135mm
Note: Used w/ 6303 ball bearing.
Similar to 21-227 except 21-227 has 8mm unthreaded mtg. ear.



21-216
D.E. Frame

For: Ford 3G Series 95A IR/IF Alternators
Used On: (2005-91) Ford, Lincoln, Mercury
Unit Nos: Ford F1VY-10346-A, -B; F6PZ-10346-RA
Lester Nos: 7753, 7790
Dim:
Mtg. Foot-1 Hole Size: 9mm
Mtg. Foot-1 to Bearing Center: 99mm
Mtg. Foot-2 Hole Size: 9mm
Mtg. Foot-2 to Bearing Center: 106mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 129mm
Frame OD: 135mm
Note: Used w/ 6303 ball bearing



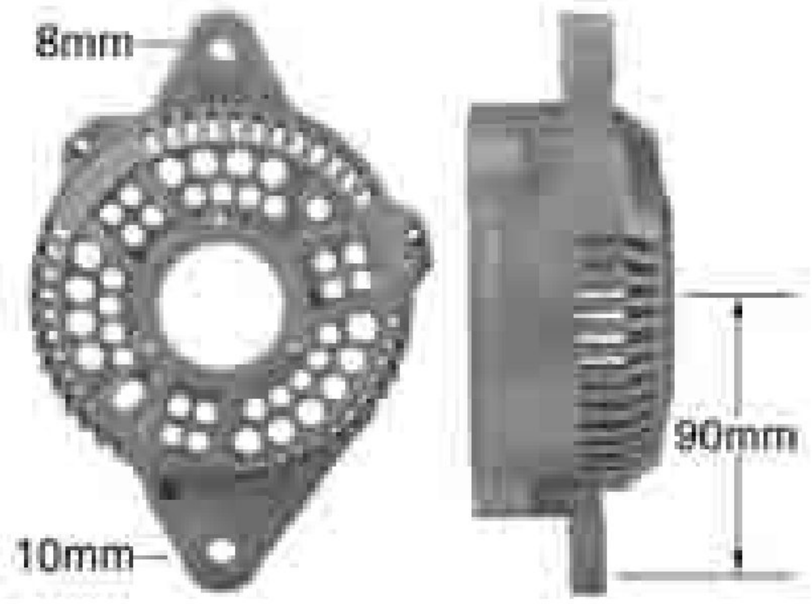
21-225
D.E. Frame

For: Ford 3G Series 95A IR/IF Alternators
Used On: Ford Truck
Unit Nos: Ford F5PU-10300-GA, F5PZ-10346-GA, F6HT-10300-LA, F6PU-10346-SA, F6UZ-10346-SA
Lester Nos: 7785
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 21mm
Mtg. Foot Hole Size: 11mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 129mm
Frame OD: 135mm
Note: Requires 24-2265 pulley with recessed back. Used w/ 10-3032-4 extra wide front bearing to prevent premature bearing failure due to excessive force of the main drive belt load on medium & heavy-duty Ford trucks. See Ford Service Bulletin, Article 95-17-13.

ALTERNATOR - FRAMES, D.E. (21-)

FORD

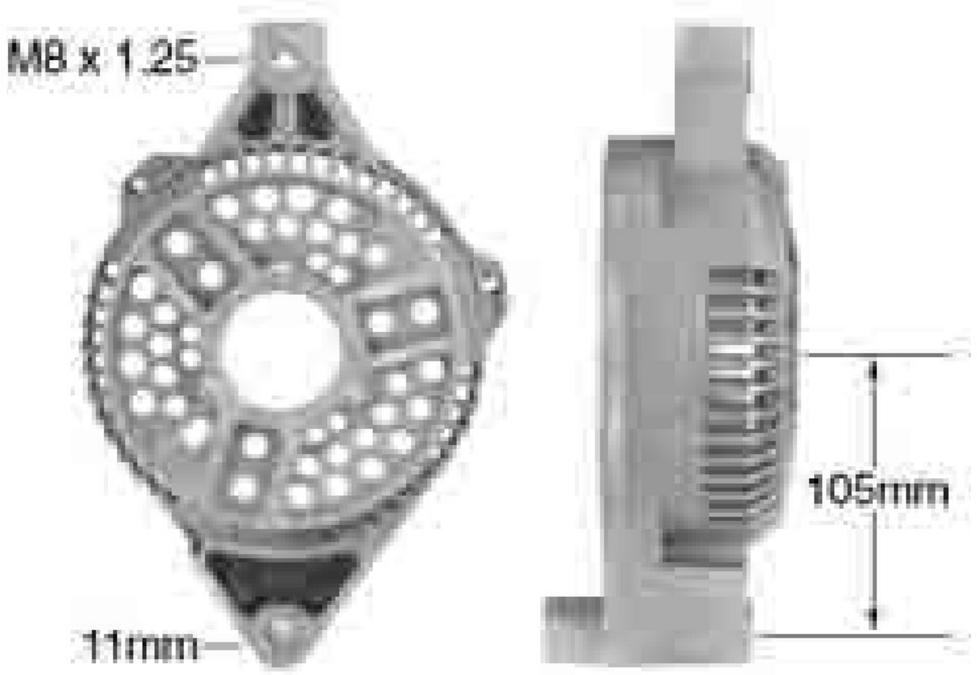
3G Series (Small Frame) (cont'd.)



21-227
D.E. Frame

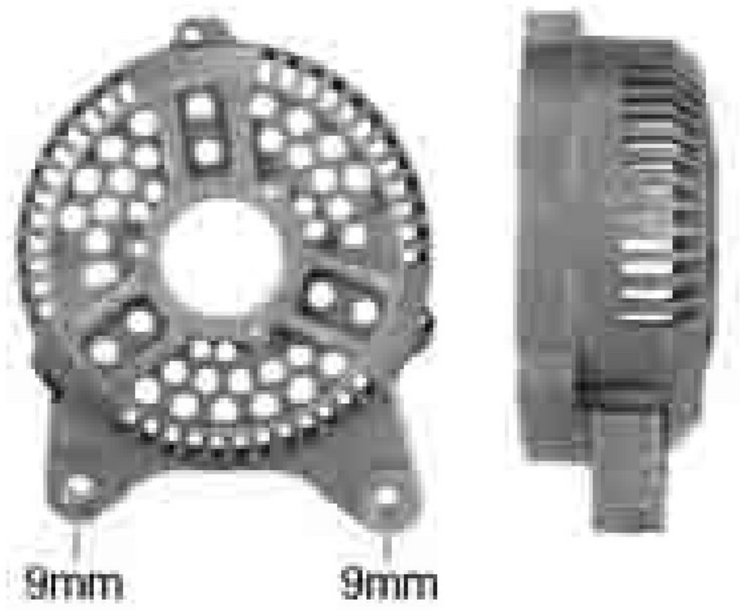
For: Ford 3G Series 75A IR/IF Alternators
Used On: (2000-97) Ford, Mercury
Unit Nos: Ford F7CU-10300-CB, F7CZ-10346-CB, F7PU-10346-CB
Lester Nos: 7793
Dim:
Mtg. Ear Hole Size: 8mm
Mtg. Ear Thickness: 18mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 90mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 129mm
Frame OD: 135mm
Note: Similar to 21-214 except 21-214 has M8 x 1.25 threaded mtg. ear

3G Series (Large Frame)



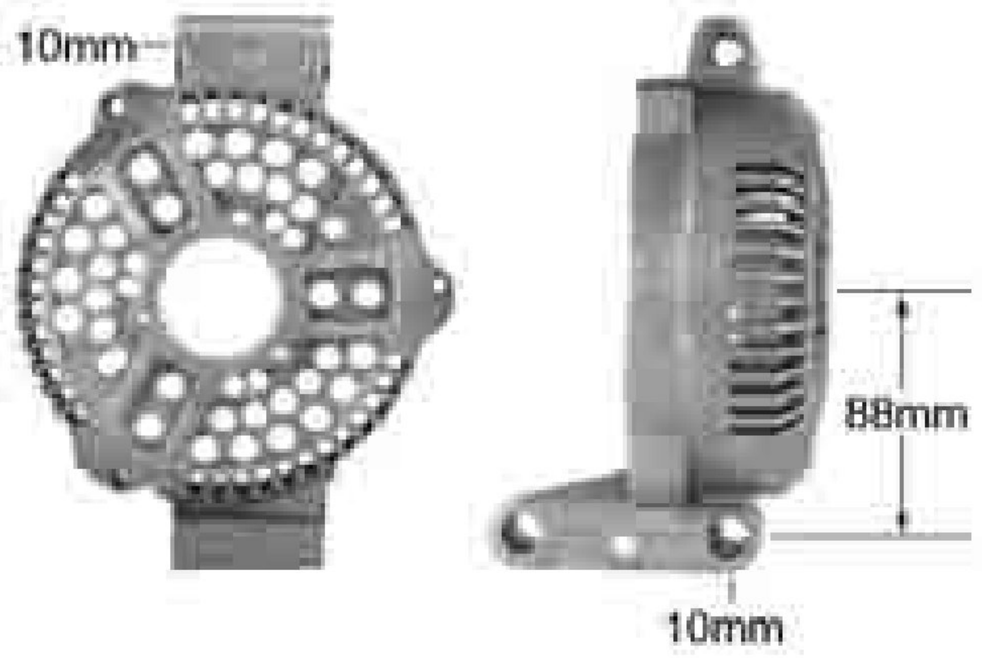
21-215
D.E. Frame

For: Ford 3G Series 130A IR/IF Alternators
Used On: (1997-90) Ford, Lincoln, Mercury
Unit Nos: Ford F0DZ-10346-B, -C, -E; F1DZ-10346-A, -B; F2UZ-10346-B, F58Z-10346-A, F6PZ-10346-XA
Lester Nos: 7752, 7756, 7777
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 27mm
Mtg. Foot Hole Size: 11mm
Mtg. Foot to Bearing Center: 105mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Frame OD: 148mm
Note: Used w/ 6303 ball bearing



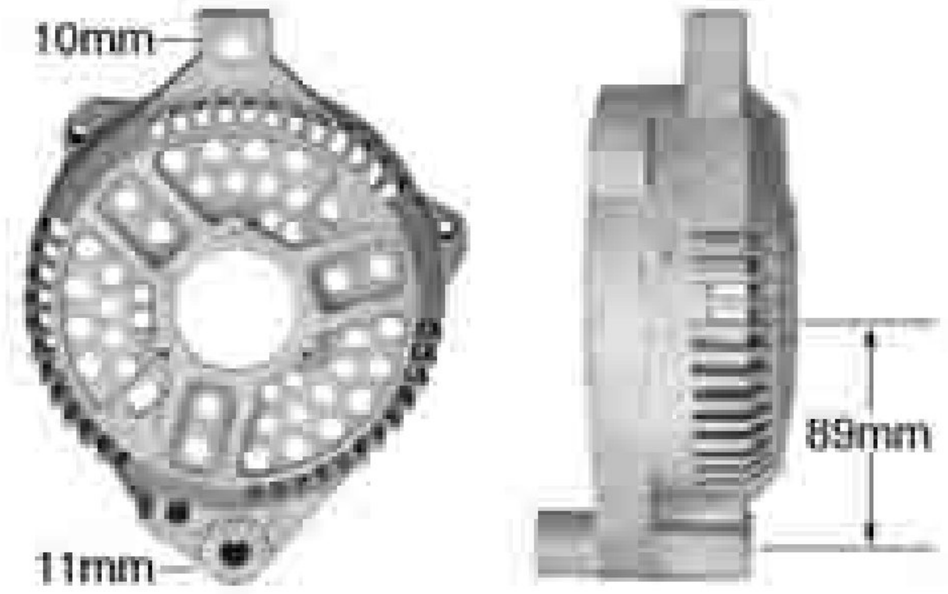
21-217
D.E. Frame

For: Ford 3G Series 130A IR/IF Alternators
Used On: (2005-92) Ford, Lincoln, Mercury
Unit Nos: Ford F3AZ-10346-A, F6AZ-10346-AA; F6PZ-10346-B, -EA; F7PZ-10346-KA
Lester Nos: 7764, 7776, 7784
Dim:
Mtg. Foot-1 Hole Size: 9mm
Mtg. Foot-1 to Bearing Center: 99mm
Mtg. Foot-2 Hole Size: 9mm
Mtg. Foot-2 to Bearing Center: 106mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Frame OD: 148mm
Note: Used w/ 6303 ball bearing. Similar to 21-240 except 21-240 w/ M6 x 1.0 mounting bosses.



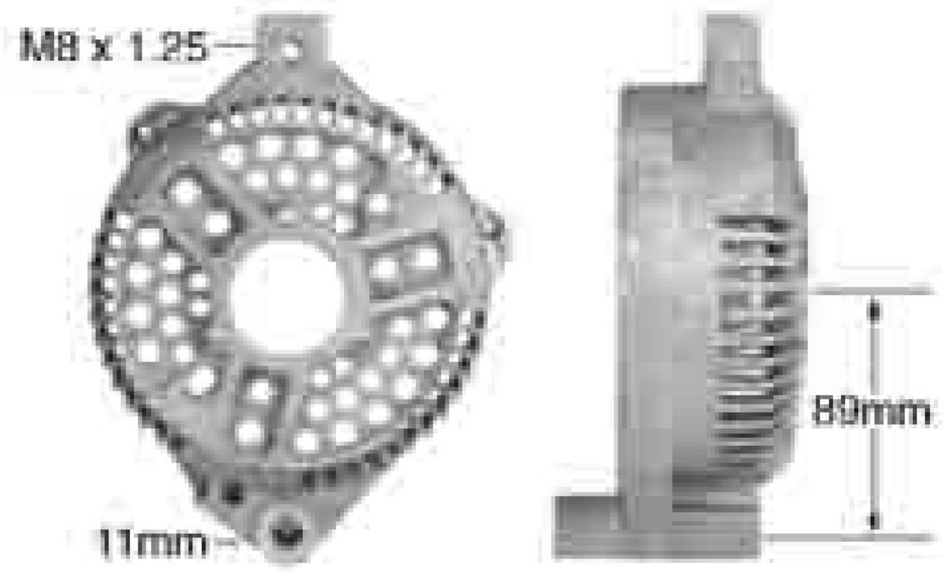
21-218
D.E. Frame

For: Ford 3G Series 130A IR/IF Alternators
Used On: (2002-92) Ford, Mazda, Mercury
Unit Nos: Ford F3UZ-10346-A, F6UZ-10346-VA, F7RZ-10346-FA
Lester Nos: 7768, 7792
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 55mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 88mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Frame OD: 148mm
Note: Used w/ 6303 ball bearing



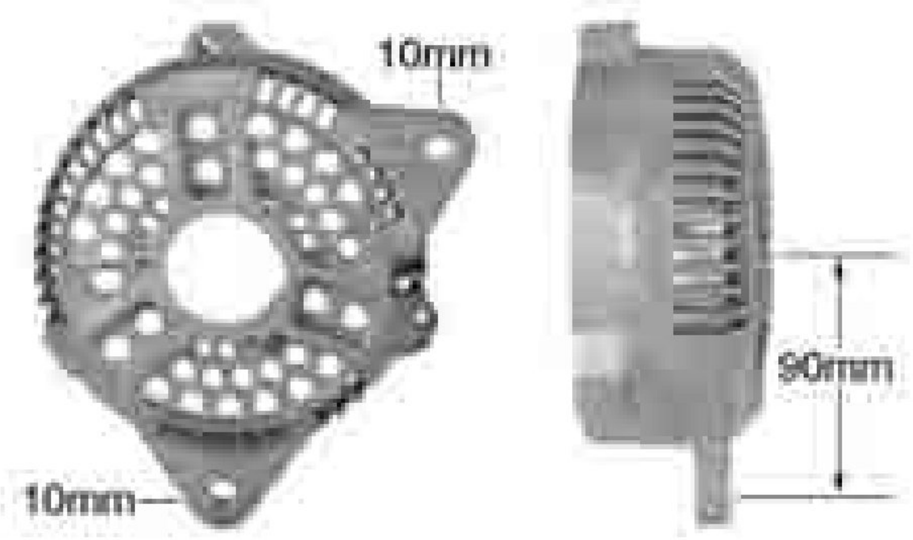
21-219
D.E. Frame

For: Ford 3G Series 110-130A IR/IF Alternators
Used On: (2000-93) Ford, Mercury
Unit Nos: Ford F3DZ-10346-B; F4PZ-10346-B, -D; F6PZ-10346-AE, F8PZ-10346-CA
Lester Nos: 7765, 7770, 7771
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 21mm
Mtg. Foot Hole Size: 11mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Frame OD: 148mm
Note: Used w/ 6303 ball bearing



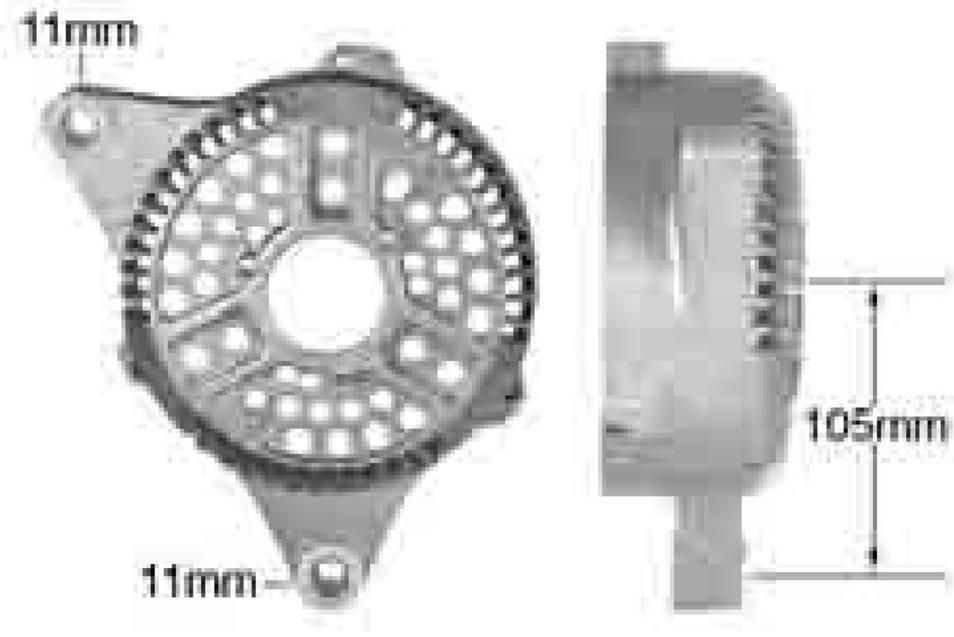
21-220
D.E. Frame

For: Ford 3G Series 115A IR/IF Alternators
Used On: (1994-93) Ford Truck
Unit Nos: Ford F3HZ-10346-B, F5HZ-10346-E, F6HT-10300-MA, F6PZ-10346-AF
Lester Nos: 7778
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 21mm
Mtg. Foot Hole Size: 11mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Frame OD: 148mm
Note: Used w/ 6303 ball bearing



21-221
D.E. Frame

For: Ford 3G Series 130A IR/IF Alternators
Used On: (1997-94) Ford, Mercury
Unit Nos: Ford F4PZ-10346-C, F5RZ-10346-A, F6RZ-10346-AA
Lester Nos: 7769, 7774, 7789
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 18mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 90mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Frame OD: 148mm
Note: Used w/ 6303 ball bearing



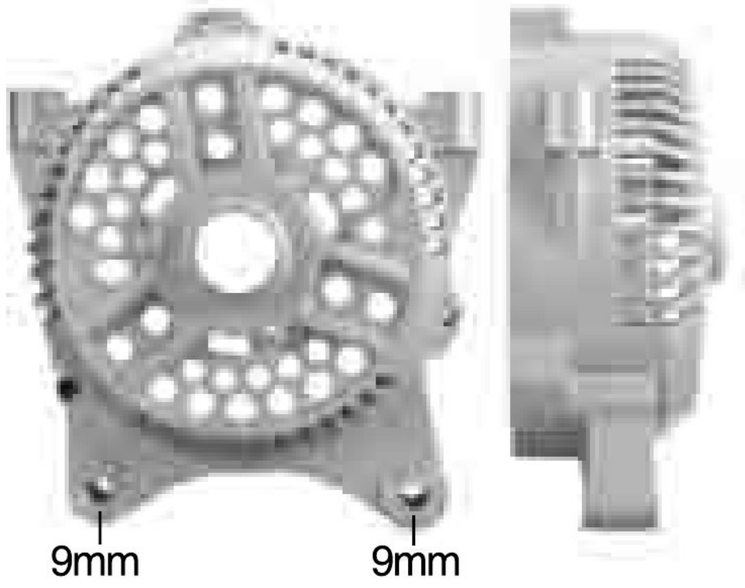
21-222
D.E. Frame

For: Ford 3G Series 130A IR/IF Alternators
Used On: (2000-95) Ford, Mercury
Unit Nos: Ford F5RU-10346-BC, F5RZ-10346-B, F6RZ-10346-BB, XS9Z-10346-AB
Lester Nos: 7775
Dim:
Mtg. Ear Hole Size: 11mm
Mtg. Ear Thickness: 26mm
Mtg. Foot Hole Size: 11mm
Mtg. Foot to Bearing Center: 105mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Frame OD: 148mm
Note: Used w/ 6303 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

FORD

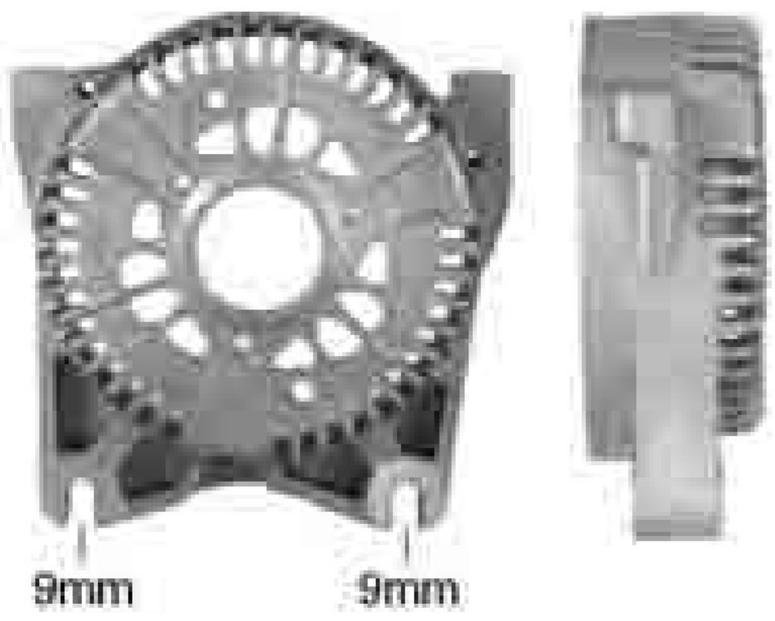
3G Series (Large Frame) (cont'd.)



21-240
D.E. Frame

For: Ford 3G Series 130A IR/IF Alternators
Used On: (2002-99) Lincoln
Unit Nos: Ford XL1U-10300-BB, XU2U-10346-AA, XU2Z-10346-AA
Lester Nos: 8267
WAI Ref. Nos: 1-2274-31FD
Dim:
Mtg. Foot-1 Hole Size: 9mm
Mtg. Foot-1 to Bearing Center: 99mm
Mtg. Foot-2 Hole Size: 9mm
Mtg. Foot-2 to Bearing Center: 106mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Frame OD: 148mm
Note: Used w/ 6303 ball bearing. Similar to 21-217 except 21-217 wo/ M6 x 1.0 mounting bosses.

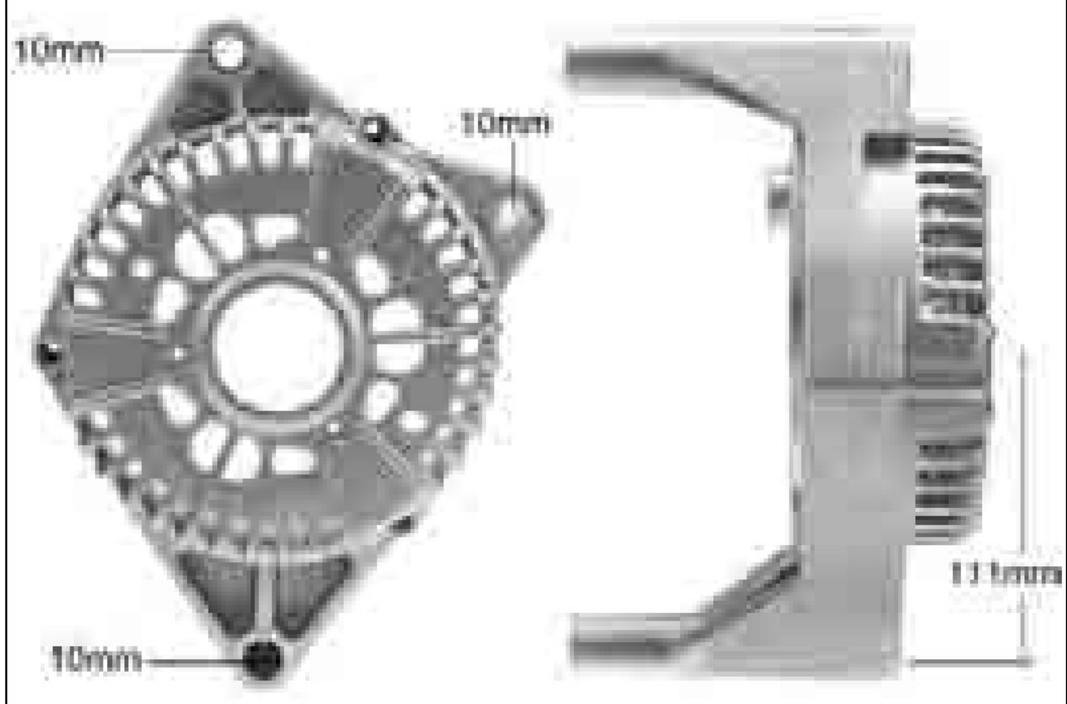
4G Series



21-223
D.E. Frame

For: Ford 4G Series IR/IF Alternators
Used On: (2005-95) Ford, Lincoln, Mercury
Unit Nos: Ford F5OY-10346-A, F6LY-10346-A, F6OY-10346-AA, F6ZZ-10346-B, F8OZ-10346-CA, XL3Z-10346-AA, XW7Z-10346-AA
Lester Nos: 7773, 7781, 8251
WAI Ref. Nos: 1-1904-11FD, 1-1904-12FD, 1-1988-11FD, 1-1988-12FD
(cont'd.)

(cont'd.)
Dim:
Mtg. Foot-1 Hole Size: 9mm
Mtg. Foot-1 to Bearing Center: 105mm
Mtg. Foot-2 Hole Size: 9mm
Mtg. Foot-2 to Bearing Center: 99mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Note: Without raised collar. Used w/ 6303 ball bearing. Similar to 21-242 except 21-242 is machined to be used w/ 24-2278 clutch pulley.



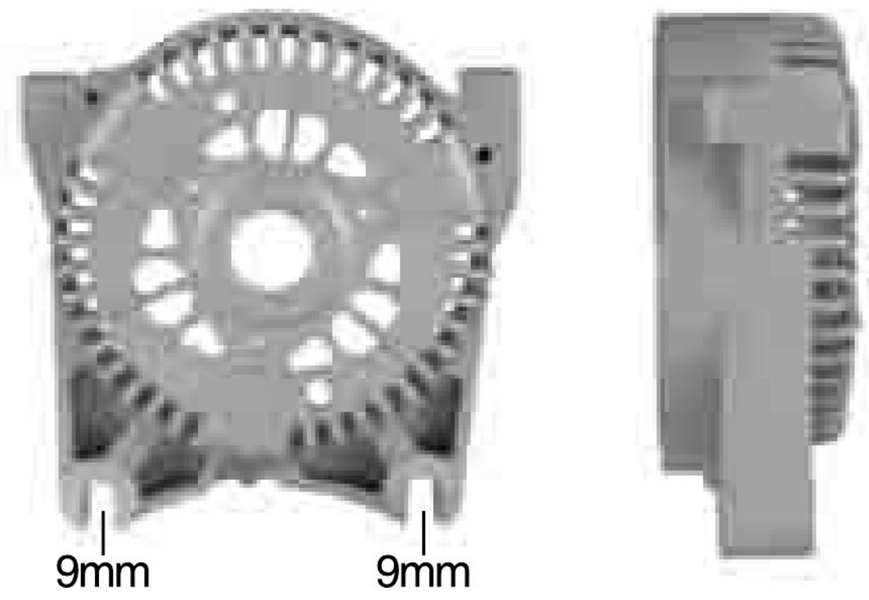
21-224
D.E. Frame

For: Ford 4G Series IR/IF Alternators
Used On: (2005-96) Ford, Mercury
Unit Nos: Ford F6DZ-10346-B, YF1Z-10346-E
Lester Nos: 7780
WAI Ref. Nos: 1-1993-11FD, 1-1993-12FD
Dim:
Mtg. Ear-1 Hole Size: 10mm
Mtg. Ear-1 Thickness: 116mm
Mtg. Ear-2 Hole Size: 10mm
Mtg. Ear-2 Thickness: 45mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 111mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Note: Without raised collar. Used w/ 6303 ball bearing.



21-226
D.E. Frame

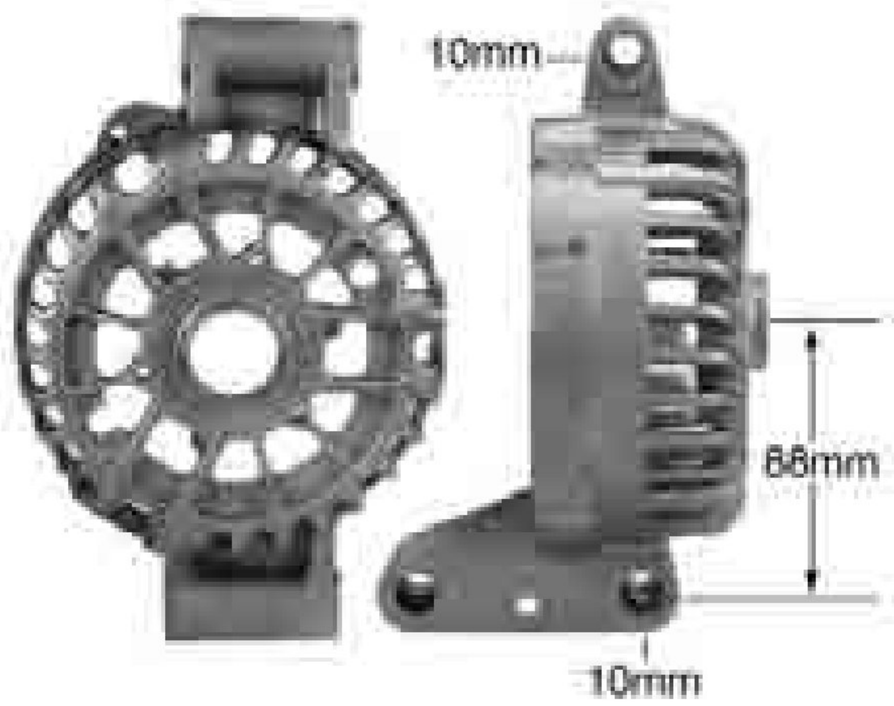
For: Ford 4G Series IR/IF Alternators
Used On: (1999-96) Ford, Mercury
Unit Nos: Ford F68Z-10346-AD, F6DZ-10346-D, F77Z-10346-AB, F78Z-10346-AA
Lester Nos: 7786, 7787
WAI Ref. Nos: 1-2012-21FD, 1-2012-22FD, 1-2024-21FD
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 55mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 88mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Note: Without raised collar. Used w/ 6303 ball bearing.



21-242
D.E. Frame

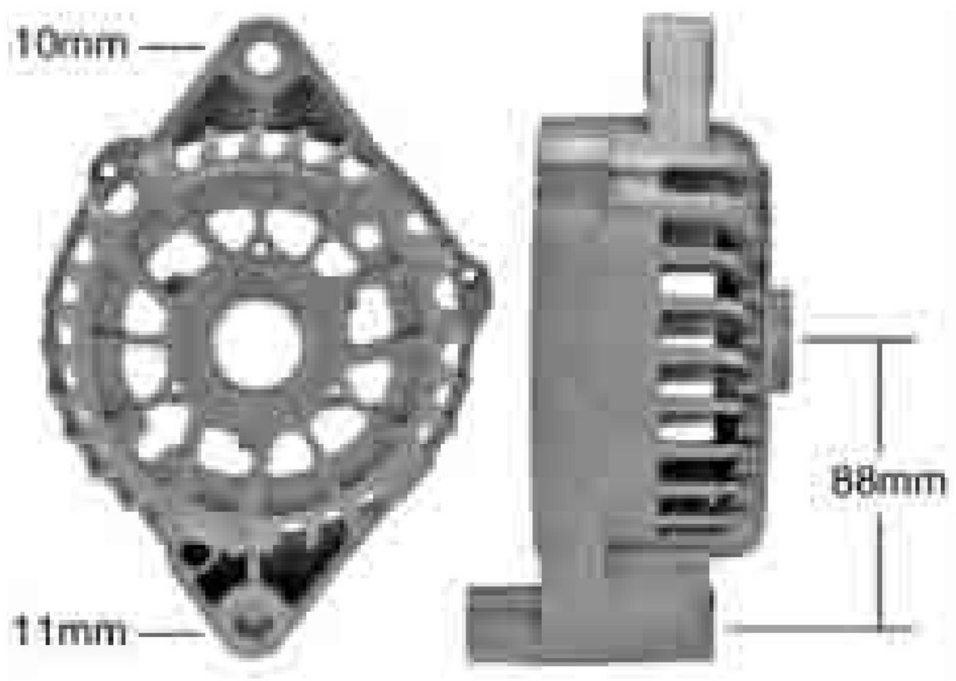
For: Ford 4G Series IR/IF Alternators
Used On: (2004-03) Mercury
Unit Nos: Ford 3W3U-10300-AA, 3W3Z-10346-AA
Lester Nos: 8314
WAI Ref. Nos: 1-2538-12FD
Dim:
Mtg. Foot-1 Hole Size: 9mm
Mtg. Foot-1 to Bearing Center: 105mm
Mtg. Foot-2 Hole Size: 9mm
Mtg. Foot-2 to Bearing Center: 99mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Note: Without raised collar. Used w/ 6303 ball bearing. Similar to 21-223 except 21-242 is machined to be used w/ 24-2278 clutch pulley.

6G Series (Small Frame)



21-230
D.E. Frame

For: Ford 6G Series 105A Small Frame IR/IF Alternators
Used On: (2005-98) Ford, Mazda, Mercury
Unit Nos: Ford 98AB-10300-FC, 98AZ-10346-FA, F81U-10300-CC, F81U-10300-EB, F81U-10300-GA, F81Z-10346-CA, F81Z-10346-EA, F81Z-10346-GA; GL-410, GL-412, GL-422, GL-455
Lester Nos: 7796, 7798, 7799
WAI Ref. Nos: 1-2172-31FD, 1-2173-11FD, 1-2178-31FD, 1-2350-11FD
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 55mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 88mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing



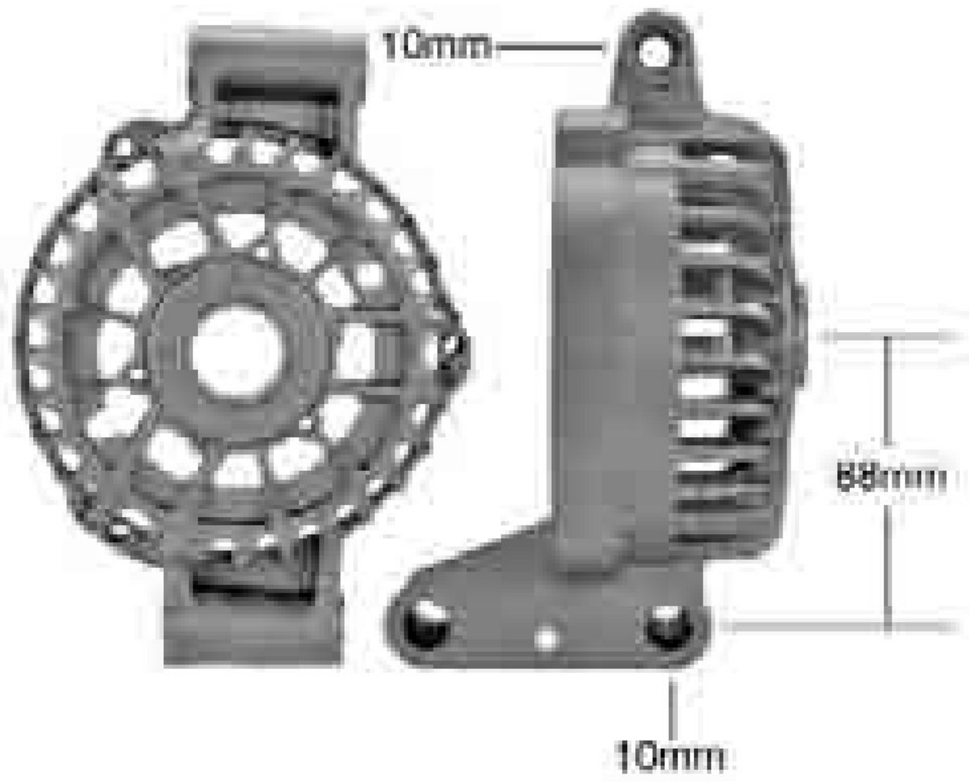
21-231
D.E. Frame

For: Ford 6G Series 105A Small Frame IR/IF Alternators
Used On: (2005-99) Ford
Unit Nos: Ford XF2U-10300-AB, XF2Z-10346-AA, YF1U-10300-FA, YF1Z-10346-FA; GL-425, GL-453
Lester Nos: 7788
WAI Ref. Nos: 1-2206-21FD, 1-2348-21FD
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 21mm
Mtg. Foot Hole Size: 11mm
Mtg. Foot to Bearing Center: 88mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

FORD

6G Series (Small Frame) (cont'd.)



21-232
D.E. Frame

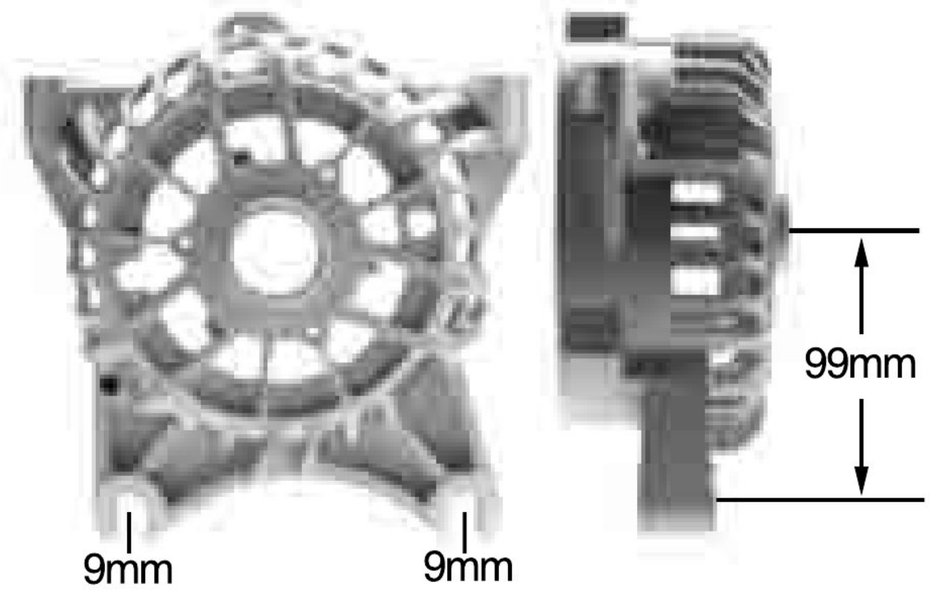
For: Ford 6G Series 110A Small Frame IR/IF Alternators
Used On: (2002-98) Ford
Unit Nos: Ford F81U-10300-DB, F81U-10300-DC, F81Z-10346-DA; GL-411
Lester Nos: 7797
WAI Ref. Nos: 1-2209-11FD
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 55mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 88mm
Bearing Bore Dia: 52mm
Stator Bore Dia: 130mm
Note: 52mm D.E. bearing bore used w/ 10-3043 D.E. bearing. Similar to 21-230 except 21-230 used w/ 47mm OD 6-303 D.E. bearing



21-233
D.E. Frame

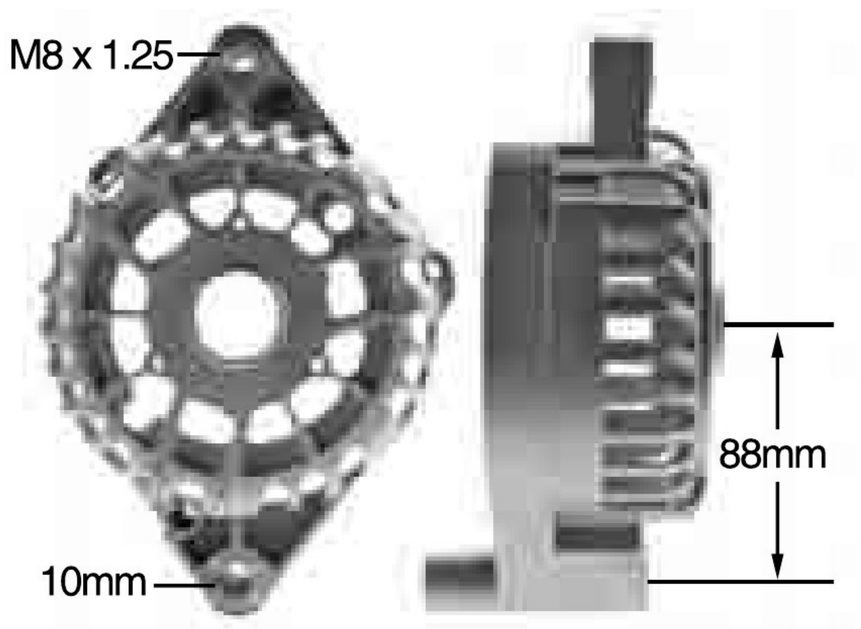
For: Ford 6G Series 105-110A Small Frame IR/IF Alternators
Used On: (2002-98) Ford, Mercury
Unit Nos: Ford 98AZ-10346-EA, 98BB-10300-CC, F8RZ-10346-CC, XS8Z-10346-BB, XS91-10300-BB; GL-419, GL-431, GL-456
Lester Nos: 8250
WAI Ref. Nos: 1-2207-01FD, 1-2349-01FD
(cont'd.)

(cont'd.)
Dim:
Mtg. Ear Hole Size: 8mm
Mtg. Ear Thickness: 14mm
Mtg. Foot Hole Size: 8mm
Mtg. Foot to Bearing Center: 85mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing



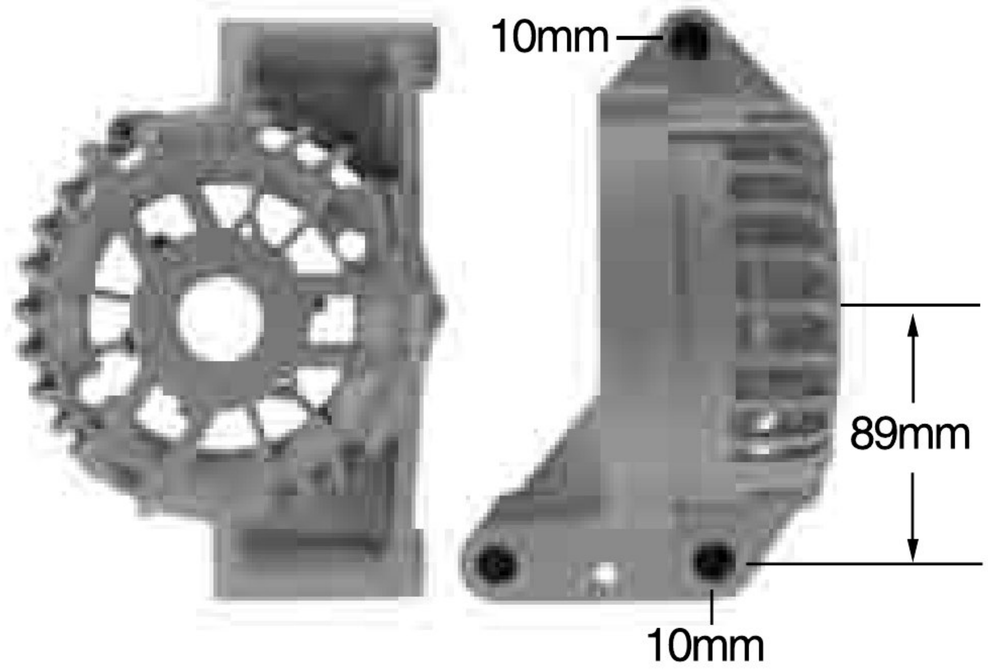
21-235
D.E. Frame

For: Ford 6G Series 105A Small Frame IR/IF Alternators
Used On: (2005-99) Ford
Unit Nos: Ford XR3U-10300-AA, XR3Z-10346-AA
Lester Nos: 8252
WAI Ref. Nos: 1-2264-31FD
Dim:
Mtg. Foot Hole Size: 9mm
Mtg. Foot to Bearing Center: 99mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing



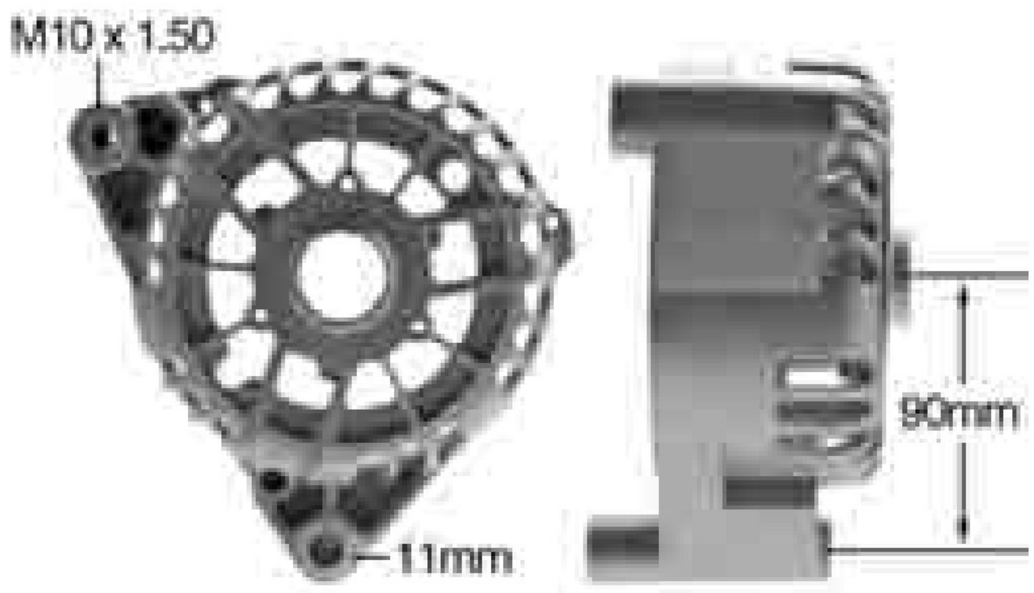
21-236
D.E. Frame

For: Ford 6G Series 110A Small Frame IR/IF Alternators
Used On: (2002-00) Ford Medium & Heavy Duty Trucks
Unit Nos: Ford F81U-10300-BC, F81Z-10346-BA
Lester Nos: 8262
WAI Ref. Nos: 1-2270-31FD
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 21mm
Mtg. Foot Hole Size: 11mm
Mtg. Foot to Bearing Center: 88mm
Bearing Bore Dia: 52mm
Stator Bore Dia: 130mm
Note: 52mm D.E. bearing bore used w/ 10-3043 D.E. bearing.



21-238
D.E. Frame

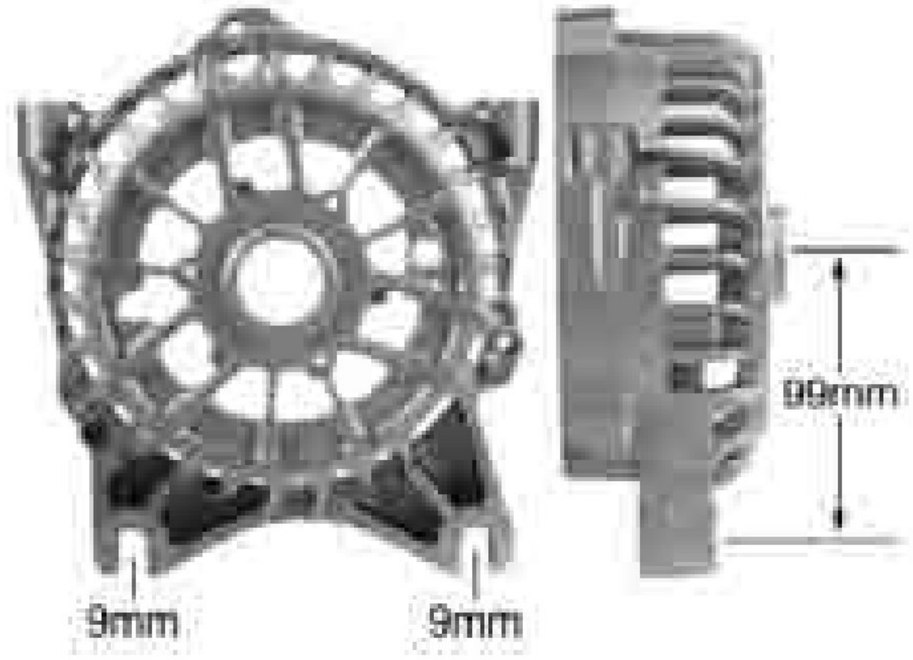
For: Ford 6G Series 105A Small Frame IR/IF Alternators
Used On: (2002-00) Lincoln
Unit Nos: Ford XR8U-10300-AE, XR8Z-10346-AA, XW4U-10300-CC, XW4U-10300-CD; XW4Z-10346-AA, -CC
Lester Nos: 8255, 8257
WAI Ref. Nos: 1-2248-31FD, 1-2248-32FD
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 73mm
Mtg. Foot Hole Size: 13mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing



21-239
D.E. Frame

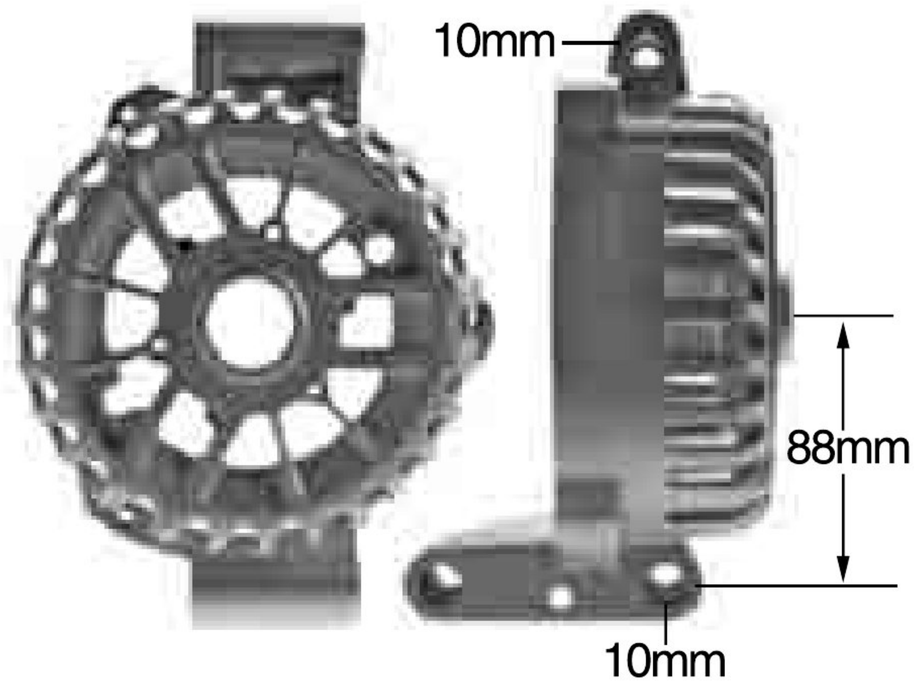
For: Ford 6G Series 110A Small Frame IR/IF Alternators
Used On: (2002-00) Ford, Lincoln
Unit Nos: Ford XR8U-10300-CE, XR8Z-10346-CE, XW4U-10300-BA, XW4Z-10346-BA
Lester Nos: 8256
WAI Ref. Nos: 1-2265-21FD
Dim:
Mtg. Ear Hole Size: M10 x 1.50
Mtg. Ear Thickness: 65mm
Mtg. Foot Hole Size: 11mm
Mtg. Foot to Bearing Center: 90mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing

6G Series (Large Frame)



21-229
D.E. Frame

For: Ford 6G Series 135A Large Frame IR/IF Alternators
Used On: (2005-98) Ford, Lincoln, Mercury
Unit Nos: Ford F8AU-10300-AB, F8AU-10300-AC, F8AZ-10346-AB; GL-407
Lester Nos: 7795
WAI Ref. Nos: 1-2158-31FD
Dim:
Mtg. Foot Hole Size: 9mm
Mtg. Foot to Bearing Center: 106mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Note: Used w/ 6303 ball bearing
For version w/ machined collar use 21-243.



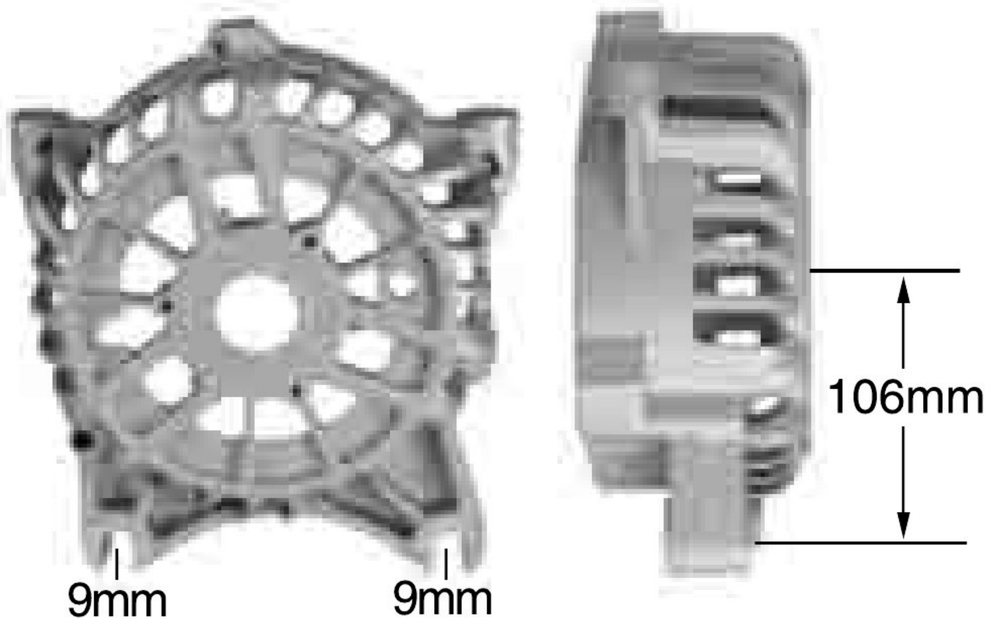
21-234
D.E. Frame

For: Ford 6G Series 130A Large Frame IR/IF Alternators
Used On: (2002-99) Ford
Unit Nos: Ford XF2U-10300-BC, XF2Z-10346-BA
Lester Nos: 8253
WAI Ref. Nos: 1-2338-11FD
Dim:
Mtg. Ear Hole Size: 10mm
Mtg. Ear Thickness: 55mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 88mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Note: Used w/ 6303 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

FORD

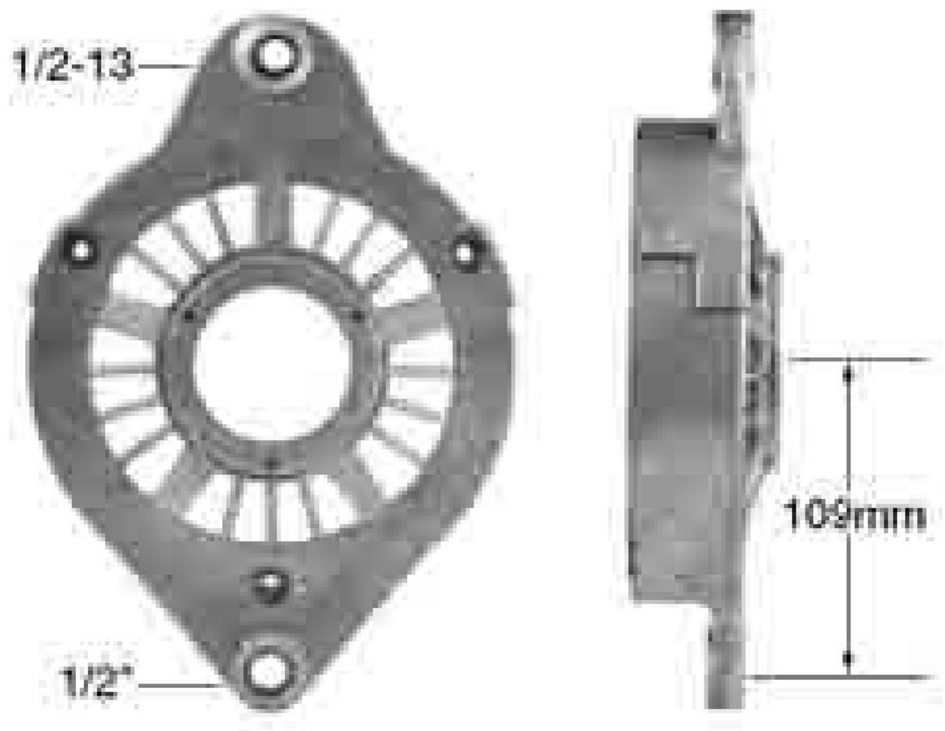
6G Series (Large Frame) (cont'd.)



21-243
D.E. Frame

For: Ford 6G Series 130A Large Frame IR/IF Alternators
Used On: (2004-03) Ford, Lincoln
Unit Nos: Ford 3L74-10300-AA, -BA; 3L7Z-10346-AA, -BA
Lester Nos: 8303
WAI Ref. Nos: 1-2533-31FD
Dim:
Mtg. Foot Hole Size: 9mm
Mtg. Foot to Bearing Center: 106mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 142mm
Note: Similar to 21-229 except 21-243 features machined collar to accommodate clutch pulley.
Used w/ 6303 ball bearing.

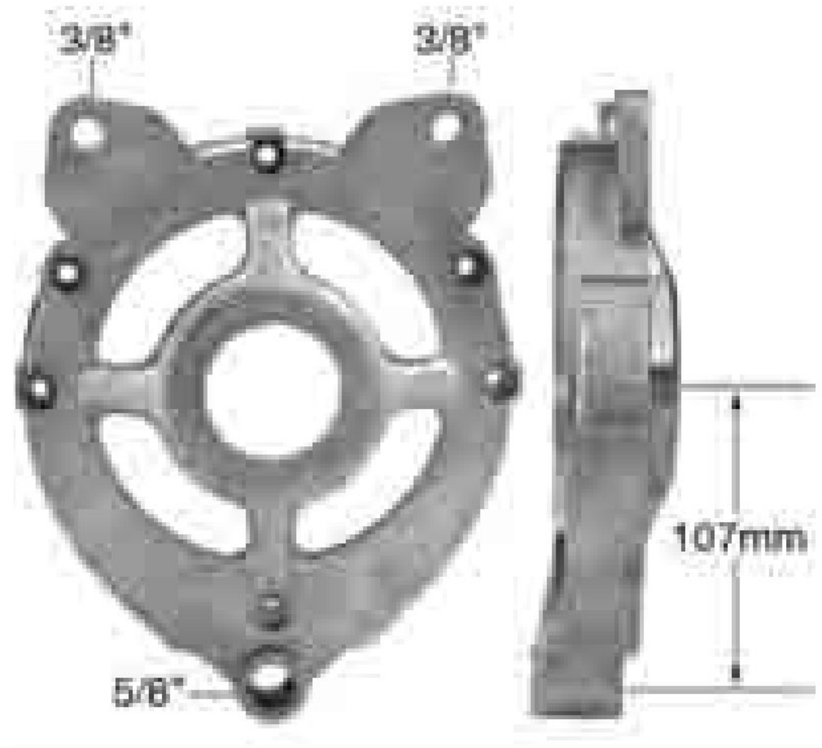
LEECE-NEVILLE



21-500
D.E. Frame

For: Leece-Neville 2300-2800JB Series IR/EF Alternators
Replaces: Leece-Neville 78983
Unit Nos: Leece-Neville 2300J, 2301J, 2303J, 2304J, 2360J, 2500J, 2509J, 2511J, 2600J, 2670J, 2700J, 2800J, 2805J, 4425J, 4426J, 4625J, 4626J, 4632J, 4725A, 4725J, 4860J, 4860JB, 4884J, 4884JB, 9800J
(cont'd.)

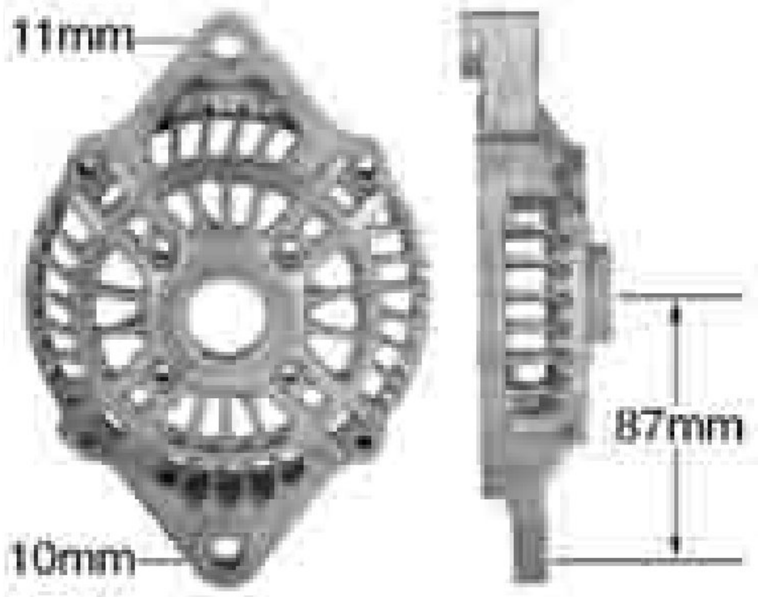
(cont'd.)
Dim:
Mtg. Ear Hole Size: 1/2-13
Mtg. Ear Thickness: 14mm
Mtg. Foot Hole Size: 1/2"
Mtg. Foot to Bearing Center: 109mm
Bearing Bore Dia: 62mm
Stator Bore Dia: 163mm
Note: Used w/ 6-3305-4 ball bearing



21-501
D.E. Frame

For: Leece-Neville 5500 Series ER/EF, 7600-7700JA Series IR/EF Alternators
Used On: (1992-88) Ford Ambulance (Diesel)
Replaces: Leece-Neville 77773
Unit Nos: Leece-Neville 5522AA, 5523AA, 5528A, 7606A, 7606JA, 7705JA, 7706A, 7706JA, RJ7706
Dim:
Mtg. Ear Hole Size: 3/8
Mtg. Ear Thickness: 32mm
Mtg. Ear 2 Hole Size: 3/8
Mtg. Ear 2 Thickness: 12mm
Mtg. Foot Hole Size: 5/8"
Mtg. Foot to Bearing Center: 107mm
Bearing Bore Dia: 52mm
Stator Bore Dia: 153mm
Note: Used w/ 6304 ball bearing

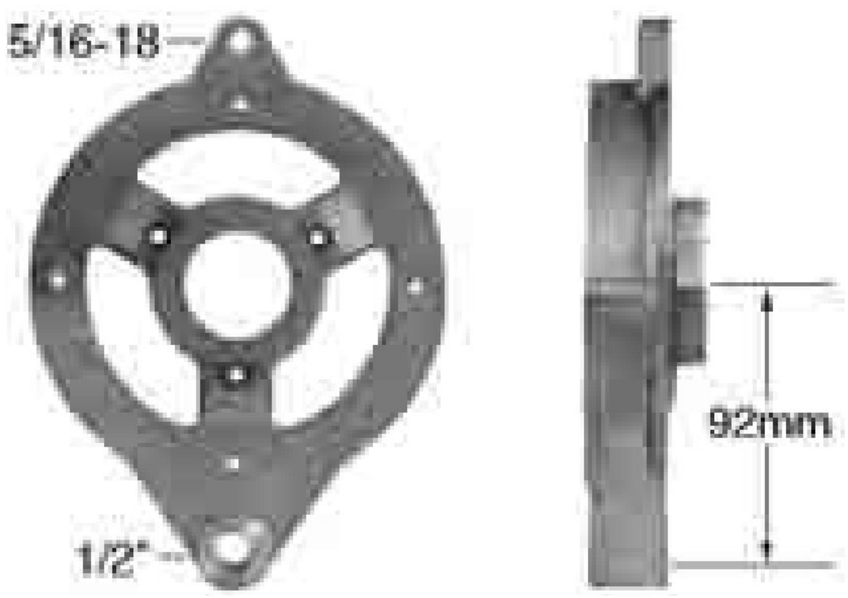
MITSUBISHI



21-8301
D.E. Frame

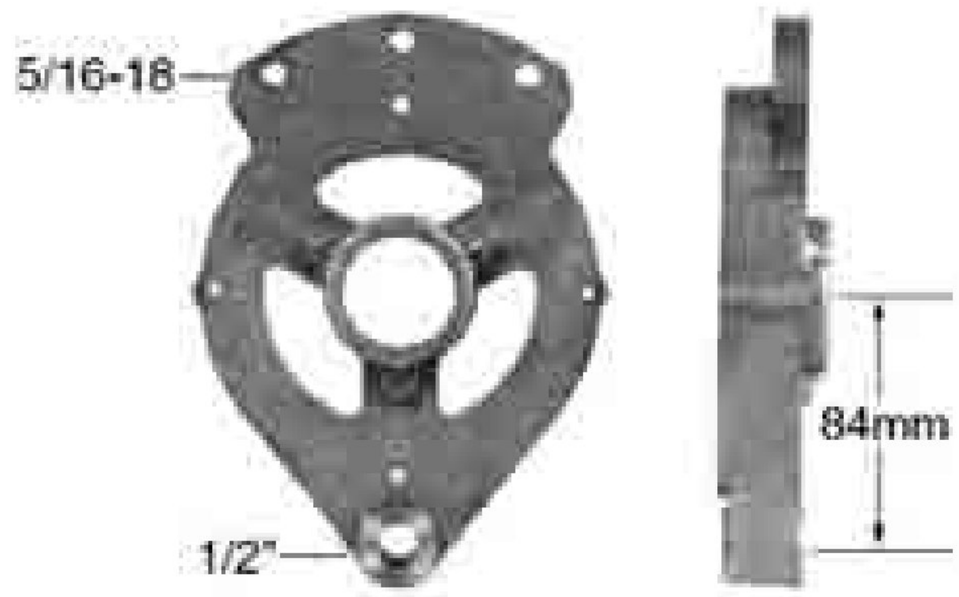
For: Mitsubishi ER/IF Alternators
Used On: (1999-95) Chrysler, Dodge, Eagle, Mitsubishi, Plymouth
Unit Nos: Mitsubishi A2T81192, A2T81292, A2T81391, A2TB1491
Lester Nos: 13580, 13735
WAI Ref. Nos: 1-1874-01MI, 1-2107-01MI
Dim:
Mtg. Ear Hole Size: 11mm
Mtg. Ear Thickness: 28mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 87mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 126mm
Note: Used w/ 6303 ball bearing

MOTOROLA



21-400
D.E. Frame

For: Motorola / Prestolite 8HA Series Alternators
Used On: Thermo King
Replaces: Motorola 14-90; Prestolite 114-90; Thermo King 44-3854
Unit Nos: Motorola / Prestolite 8HA2003F, 8HA2004G, 8HA2005K, 8HA2006F, 8HA2008F, 8HA2009K; 110-159, -225, -253, -303, -304; Thermo King 44-3325, 44-4181, 44-6257, 44-6266
Dim:
Mtg. Ear Hole Size: 5/16-18
Mtg. Ear Thickness: 11mm
Mtg. Foot Hole Size: 1/2"
Mtg. Foot to Bearing Center: 92mm
Bearing Bore Dia: 52mm
Stator Bore Dia: 127mm
Note: Used w/ 6205 ball bearing

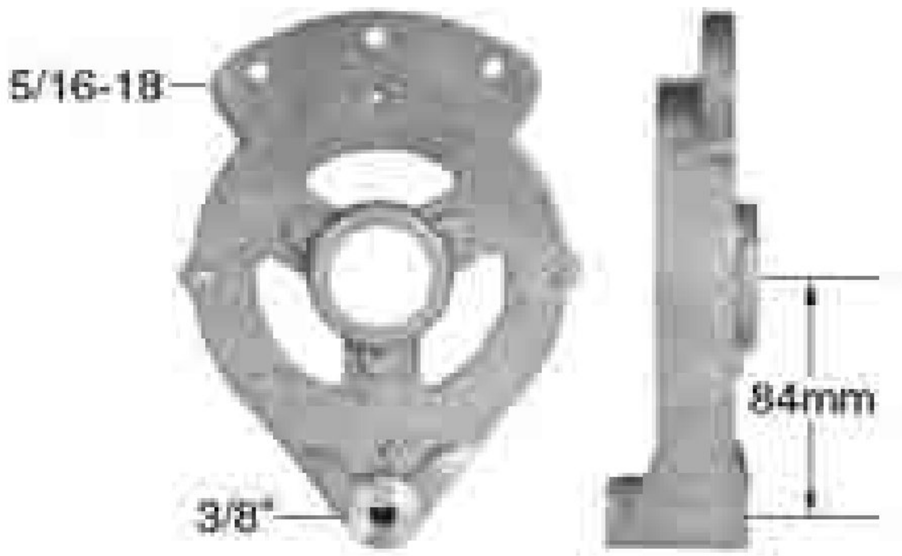


21-401
D.E. Frame

For: Motorola / Prestolite A/8AL, MA/8MA, MR/8MR, RA/8AR Series Alternators
Replaces: Motorola 14-1, 14-9; Prestolite 114-1, 114-9
Unit Nos: Motorola / Prestolite 8AL2017F, 2018K, 2019F, 2022F, 2023G, 2071K, 2105L, 2106F, 2107K, 2109F; 8AR2001, 2007, 2009, 2014G, 2017F, 2018F, 2022F, 2024F, 2026F, 2033F, 2037F, 2041F, 2069F, 2070K, 2073F, 3080F; 8MA2004K, 2005F, 2008K, 2009L, 2019K, 2020P, 3006F, 3007F; 8MR2002, 2003, 2016K, 2022K, 2026P, 2048K, 2050F, 2052K, 2070T; A12N600, 600T, CC453, CC603, CC604, CH553, CH606, CH607, EB451, EB550, EB600, JD452, JD454, TK452, W529, WC451; A12P550, 600, EB451, EB550, EB600, PW554; A24N900, 901, CD900, JD900, W901; MA12-451, N451, N550, N600, NC601, P451, P550, P600; MA24-900, -900G, -902, N900, NTK901R; MR12N451, N550, N600
Dim:
Mtg. Ear Hole Size: 5/16-18
Mtg. Ear Thickness: 11mm
Mtg. Foot Hole Size: 1/2"
Mtg. Foot to Bearing Center: 84mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 127mm
Note: Used w/ 6203 ball bearing

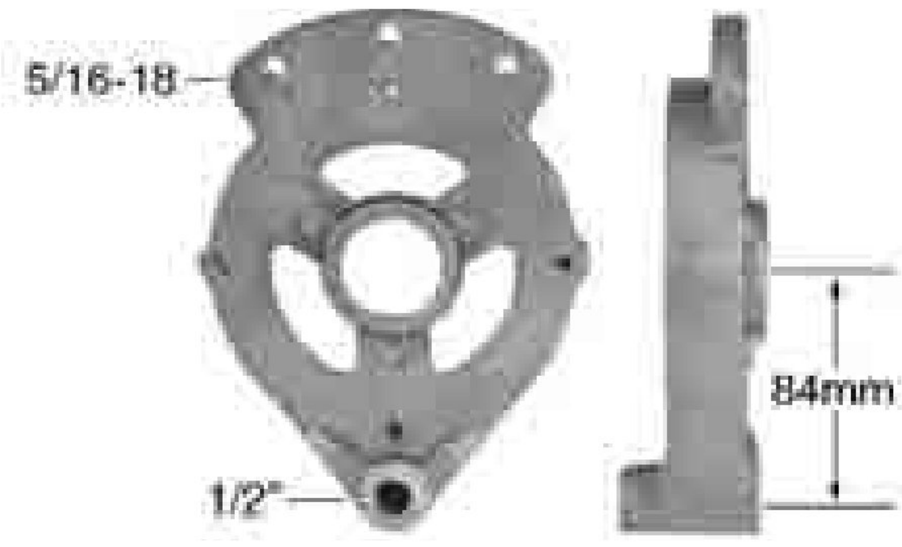
ALTERNATOR - FRAMES, D.E. (21-)

MOTOROLA (cont'd.)



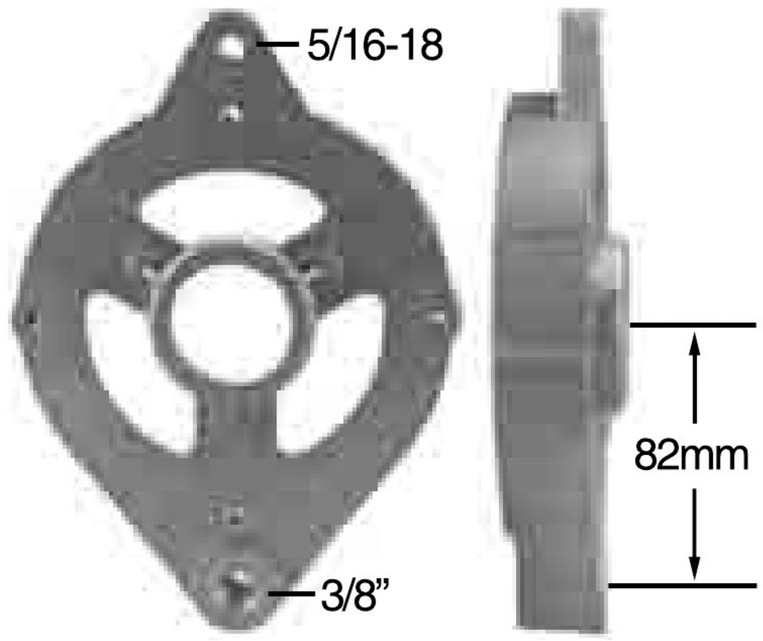
21-402
D.E. Frame

For: Motorola / Prestolite 8MR, A/8AL, RA/8AR Series Alternators
Replaces: Motorola 14-6, 14-37; Prestolite 114-6, 114-37
Unit Nos: Motorola / Prestolite 8AL2030L; 8AR2002, 2004, 2005, 2008, 2015K, 2016K, 2021K, 2028F, 2044F, 2045K, 2048F, 2049K, 2050F, 2051K, 2060F, 2062K, 2063F, 2066F, 2068F, 2068FM, 2074F, 2076K, 3010; 8MA2001, 2002K; 8MR2001, 2004, 2006, 2007K, 2008P, 2009, 2009P, 2010P, 2012P, 2013K, 2014K, 2015K, 2021K, 2023F, 2024F, 2025T, 2027T, 2028T, 2030T, 2033T, 2036K, 2039K; A12N452, 550, 600D, 601D, AM453, AM456, JD602, JD603, W525, W527, W554, W602; A24JD901, A24N900D, A24N901D, A24NWM901; MA12NJD1201, JD1202, JD1203, JD1205, JD451, JD601, JD602, JD603, JD604; RA12N451D
Lester Nos: 7089, 7091, 7097, 7441
Dim:
Mtg. Ear Hole Size: 5/16-18
Mtg. Ear Thickness: 11mm
Mtg. Foot Hole Size: 3/8"
Mtg. Foot to Bearing Center: 84
Bearing Bore Dia: 40mm
Stator Bore Dia: 127mm
Note: Used w/ 6203 ball bearing



21-403
D.E. Frame

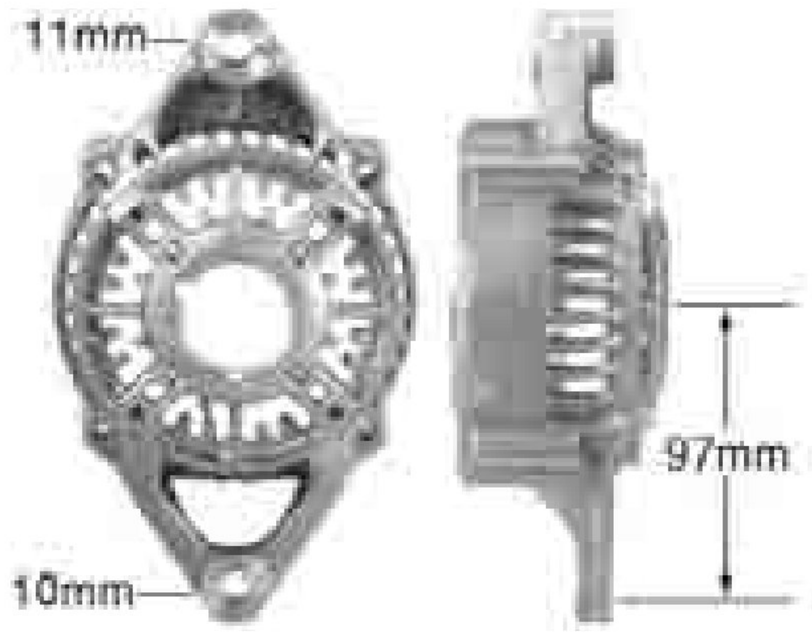
For: Motorola / Prestolite 8MA, A/8AL Series Alternators
Replaces: Motorola 14-55; Prestolite 114-55
Unit Nos: Motorola / Prestolite 8AL2048F, 8AL2049K, 8AL2055F, 8AL2056K, 8AL2067K, 8AL2068F, 8AL2069K, 8AL2080K, 8MA2010P, 8MA2013P, 8MA2014P, 8MA2018P, A12NCC454, A12NFT600; 110-51, -195, -249, -276
Dim:
Mtg. Ear Hole Size: 5/16-18
Mtg. Ear Thickness: 11mm
Mtg. Foot Hole Size: 1/2"
Mtg. Foot to Bearing Center: 84mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 127mm
Note: Used w/ 6203 ball bearing



21-404
D.E. Frame

For: Motorola / Prestolite A/8AL Series Alternators
Used On: (1975-74) Jeep
Replaces: Motorola 14-4, Prestolite 114-4; Ref# C-3300
Unit Nos: Motorola / Prestolite 8AL2004F, 8AL2005F, 8AL2006F, 8AL2007F, 8AL2008K, 8AL2009K, 8AL2011F, 8AL2012F, 8AL2013F, 8AL2014F, 8AL2020L, 8AL2021L, 8AL2025F, 8AL2026F, 8AL2027L, 8AL2031F, 8AL2032K, 8AL2033L, 8AL2037F, 8AL2040F, 8AL2044L, 8AL2045L, 8AL2050F, 8AL2051F, 8AL2052K, 8AL2053L, 8AL2059K, 8AL2060L, 8AL2073K, 8AL2074L, A12N550D, A12NAM551, A12NAM553, A12NAM603, A12NAM604, A12NAM605, A12NAM606, A12NAM607, A12NTK451, A12NTK451R, A12NW528, A12NW552, A12NW553, A12NWM451, A12P451, A12PW554
Lester Nos: 7094, 7353, 7381, 7391, 7395, 7427, 7429, 7437, 7439, 7441, 7448, 7469, 7490
WAI Ref. Nos: 1-1922-11MO, 1-1924-11MO, 1-1925-31MO, 1-2029-11MO
Dim:
Mtg. Ear Hole Size: 5/16-18
Mtg. Ear Thickness: 12mm
Mtg. Foot Hole Size: 3/8
Mtg. Foot to Bearing Center: 82mm

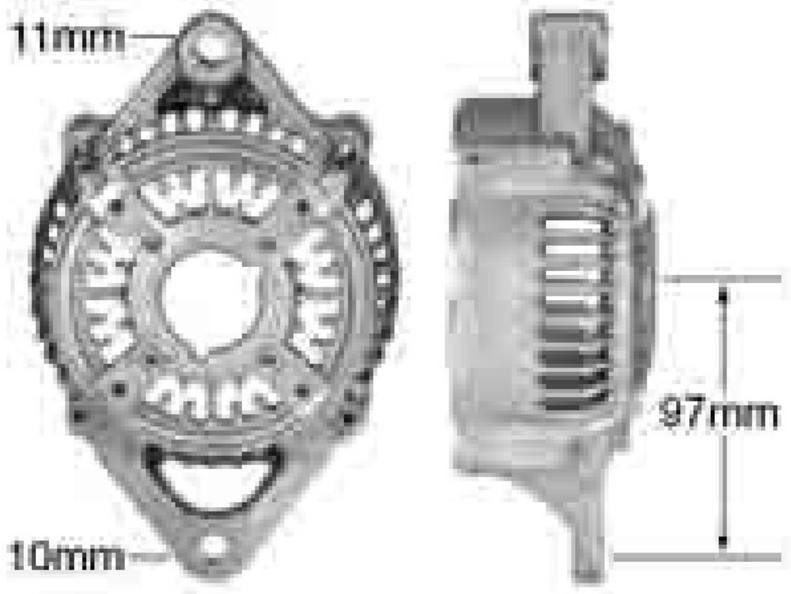
NIPPONDENSO



21-8202-1
D.E. Frame

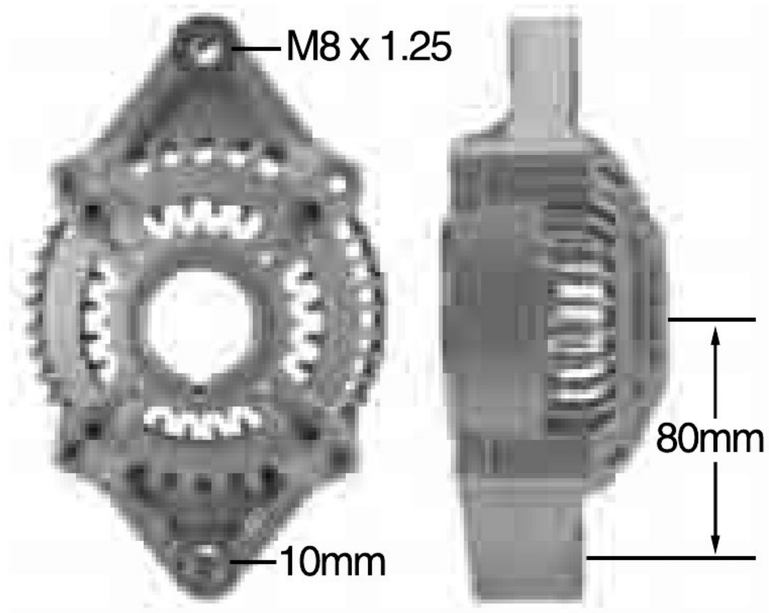
For: Nippondenso 35/75, 40/90A ER/IF Alternators
Used On: (2001-85) Chrysler, Dodge, Eagle, Jeep, Plymouth
Unit Nos: Nippondenso 121000-300*, 121000-310*, 121000-330*, 121000-331*, 121000-333*, 121000-334*, 121000-336*, 121000-337, 121000-338, 121000-339, 121000-340, 121000-341, 121000-343, 121000-345, 121000-346, 121000-347, 121000-348, 121000-352*, 121000-353, 121000-357, 121000-358, 121000-361, 121000-362, 121000-363, 121000-367
(cont'd.)

(cont'd.)
Lester Nos: 13184*, 13185, 13245, 13256*, 13305*, 13306, 13307, 13312, 13341, 13353, 13354, 13442, 13443, 13593, 13822, 13823
WAI Ref. Nos: 1-1490-01ND*, 1-1490-02ND*, 1-1490-03ND*, 1-1503-01ND, 1-1503-02ND, 1-1503-03ND, 1-1503-04ND, 1-1503-05ND, 1-1503-06ND, 1-1511-01ND, 1-1527-01ND, 1-1527-02ND, 1-1527-03ND, 1-1531-01ND*, 1-1592-01ND, 1-1971-01ND*, 1-2073-01ND, 1-2224-01ND, 1-2225-01ND, 1-2285-01ND
Dim:
Mtg. Ear Hole Size: 11mm
Mtg. Ear Thickness: 28mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 97mm
Bearing Bore Dia: 52mm
Stator Bore Dia: 118mm
Note: Used w/ 10-3042-4 ball bearing.
*Requires 46-82556 reducing bushing



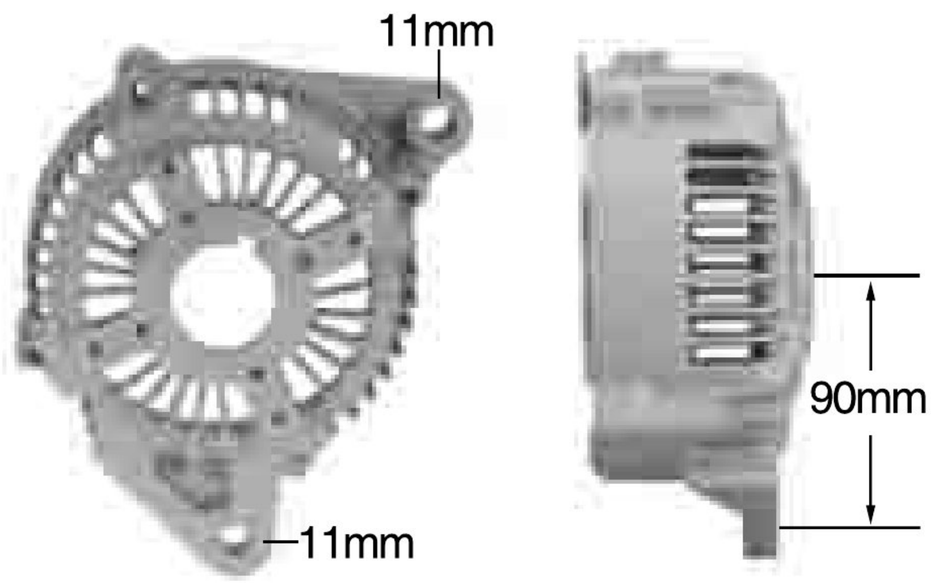
21-8206
D.E. Frame

For: Nippondenso 120A ER/IF Alternators
Used On: (2001-88) Chrysler, Dodge, Jeep, Plymouth
Unit Nos: Nippondenso 121000-400*, 121000-401*, 121000-403*, 121000-404, 121000-405, 121000-406, 121000-407, 121000-408, 121000-409*, 121000-410, 121000-413, 121000-415*, 121000-416*, 121000-417*, 121000-427*, 121000-428*, 121000-429*, 121000-433*
Lester Nos: 13280*, 13301, 13302, 13304, 13308*, 13309, 13310, 13311, 13313*, 13453, 13594, 13742, 13765, 13766, 13824, 13842
WAI Ref. Nos: 1-1491-01ND*, 1-1491-02ND*, 1-1491-03ND*, 1-1491-04ND*, 1-1504-01ND, 1-1504-02ND, 1-1504-03ND, 1-1504-04ND, 1-1504-05ND, 1-1504-06ND, 1-2075-01ND, 1-2087-01ND, 1-2226-01ND, 1-2227-01ND, 1-2227-02ND, 1-2228-01ND
Dim:
Mtg. Ear Hole Size: 11mm
Mtg. Ear Thickness: 28mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 97mm
Bearing Bore Dia: 52mm
Stator Bore Dia: 130mm
Note: Used w/ 10-3042-4 ball bearing.
*Requires 46-82556 reducing bushing to convert 11mm to 8mm dia. mtg. ear (not included).



21-8215
D.E. Frame

For: Nippondenso 50-60A IR/IF Alternators
Used On: (1991-85) Chevrolet, Geo, Honda, Isuzu
Unit Nos: Nippondenso 100211-121, -122, -131, -133, -222, -223, -359, -366, -372, -389
Lester Nos: 14732, 14739, 14872, 14926, 14989
WAI Ref. Nos: 1-1017-01ND, 1-1237-01ND, 1-1240-01ND
Dim:
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 22mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 80mm
Bearing Bore Dia: 46mm
Stator Bore Dia: 110mm
Note: Used w/ 10-3022-4 ball bearing.

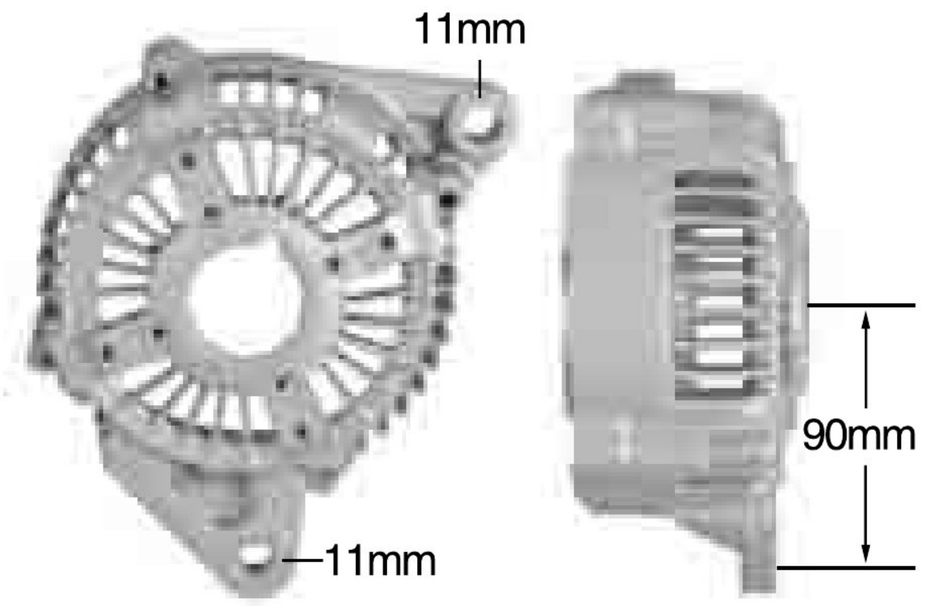


21-8219
D.E. Frame

For: Nippondenso 120-140A ER/IF Alternators
Used On: (2004-98) Chrysler, Dodge, Jeep
Unit Nos: Chrysler 4606822AA; 4609999, AB; 4896123AA, 56044678AA; Nippondenso 121000-423, -437, -453, -458
Lester Nos: 11116, 13763, 13964
WAI Ref. Nos: 1-2188-01ND
Dim:
Mtg. Ear Hole Size: 11mm
Mtg. Ear Thickness: 21mm
Mtg. Foot Hole Size: 11mm
Mtg. Foot to Bearing Center: 90mm
Bearing Bore Dia: 52mm
Stator Bore Dia: 130mm
Note: Used w/ 10-3042-4 ball bearing.

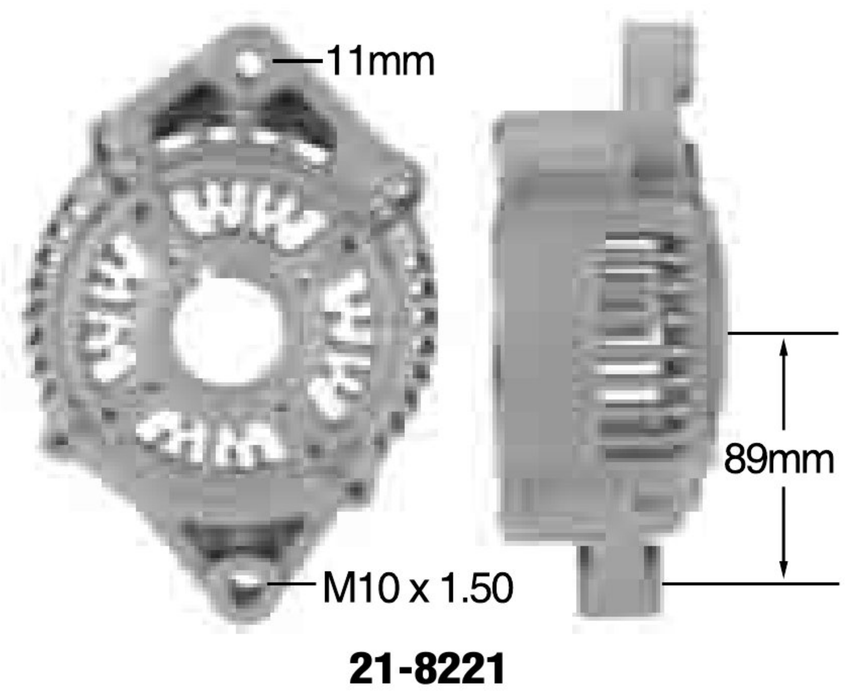
ALTERNATOR - FRAMES, D.E. (21-)

NIPPONDENSO (cont'd.)



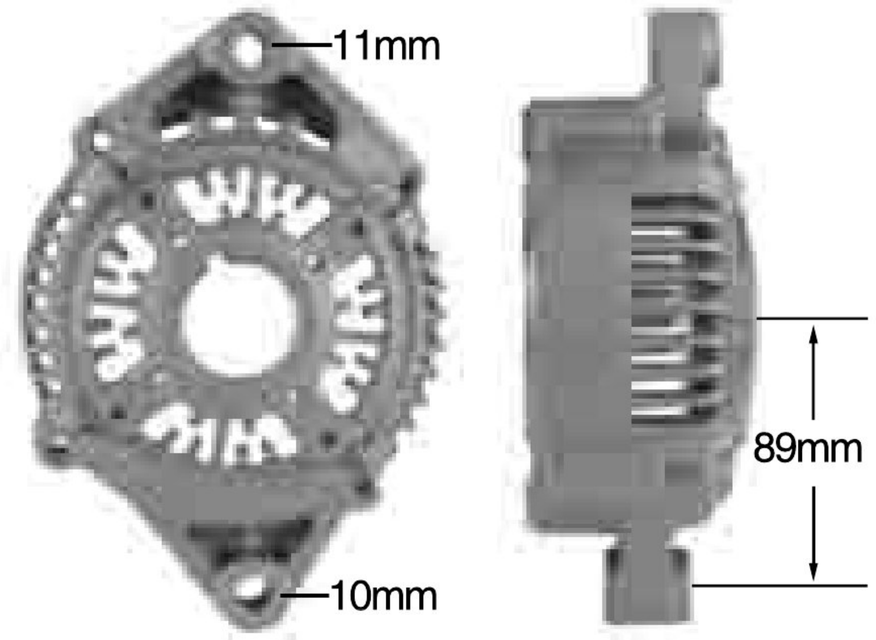
21-8220
D.E. Frame

For: Nippondenso 136A ER/IF Alternators
Used On: (2005-99) Dodge, Jeep
Unit Nos: Chrysler 56041324, AC; 56041693AC; Nippondenso 121000-425, 121000-454
Lester Nos: 13790, 13873
WAI Ref. Nos: 1-2286-01ND, 1-2497-01ND
Dim:
Mtg. Ear Hole Size: 11mm
Mtg. Ear Thickness: 20mm
Mtg. Foot Hole Size: 11mm
Mtg. Foot to Bearing Center: 90mm
Bearing Bore Dia: 47mm
Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing.



21-8221
D.E. Frame

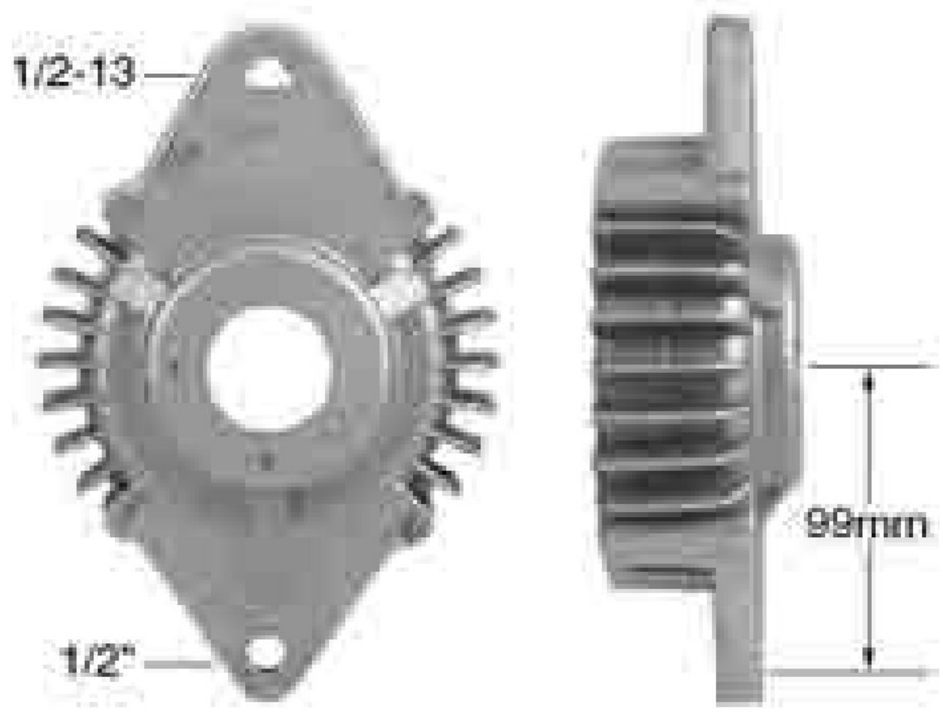
For: Nippondenso 125A ER/IF Alternators
Used On: (2000-96) Chrysler
Unit Nos: Chrysler 4671320, Nippondenso 121000-421
Lester Nos: 13592
WAI Ref. Nos: 1-2007-01ND
Dim:
Mtg. Ear Hole Size: 11mm
Mtg. Ear Thickness: 28mm
Mtg. Foot Hole Size: M10 x 1.50
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 52mm
Stator Bore Dia: 130mm
Note: 21-8221 is similar to 21-8222 except 21-8222 has unthreaded mtg. foot.



21-8222
D.E. Frame

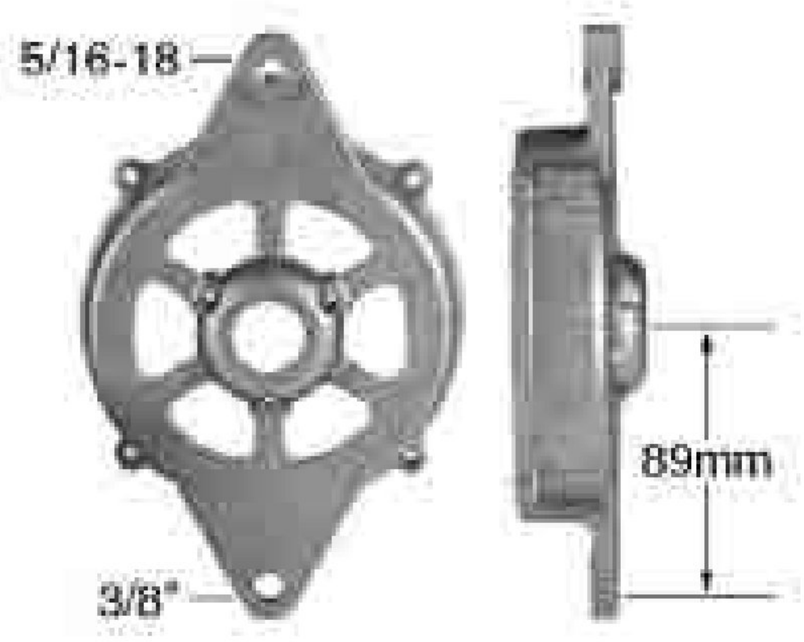
For: Nippondenso 125A ER/IF Alternators
Used On: (2000-97) Chrysler, Dodge
Unit Nos: Chrysler 4609230AA, Nippondenso 121000-426
Lester Nos: 13741
WAI Ref. Nos: 1-2056-01ND
Dim:
Mtg. Ear Hole Size: 11mm
Mtg. Ear Thickness: 28mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 52mm
Stator Bore Dia: 130mm
Note: 21-8222 is similar to 21-8221 except 21-8221 has threaded mtg. foot.

PRESTOLITE



21-600
D.E. Frame

For: Prestolite ANB Series Alternators
Used On: Caterpillar
Replaces: Prestolite 14-258, 14-270, ANB-1003BS
Unit Nos: Prestolite 51-212, ANB-6004
Dim:
Mtg. Ear Hole Size: 1/2-13
Mtg. Ear Thickness: 15mm
Mtg. Foot Hole Size: 1/2"
Mtg. Foot to Bearing Center: 99mm
Bearing Bore Dia: 62mm
Stator Bore Dia: 127mm
Note: Used w/ 6305 ball bearing

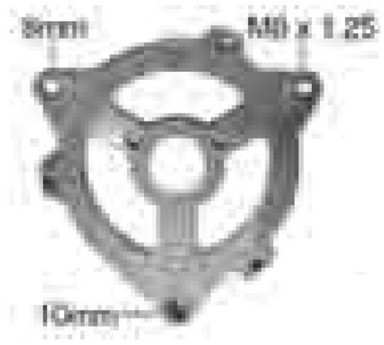
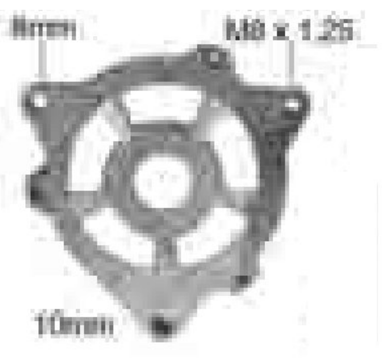
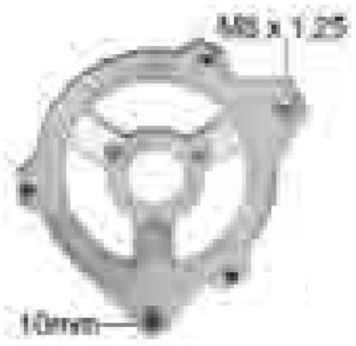
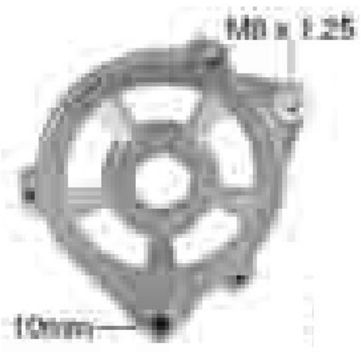


21-601
D.E. Frame

For: Prestolite ALK Series Alternators
Used On: Industrial, Marine Applications
Replaces: Prestolite 14-235, 14-263, 14-268, ALE-1003M, ALE-1003T
Unit Nos: Prestolite ALK-6222
Dim:
Mtg. Ear Hole Size: 5/16-18
Mtg. Ear Thickness: 12mm
Mtg. Foot Hole Size: 3/8"
Mtg. Foot to Bearing Center: 89mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 127mm
Note: Used w/ 6203 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

CONVERSION CHART FOR CS130 D.E. FRAMES

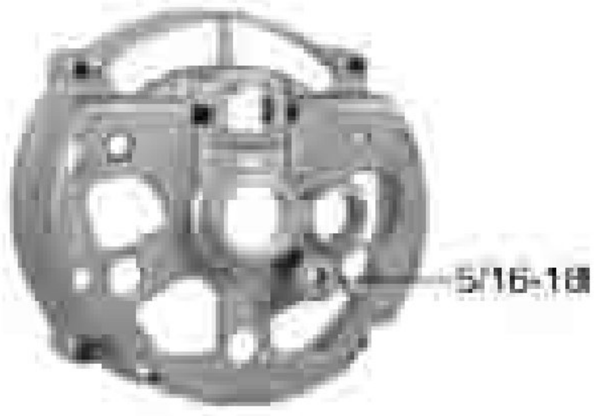
Use with 6203 Bearing & 46-1602-2 Rotor Spacer (3mm thick)	=	Use with 6303 Bearing & 46-1618 Rotor Spacer (1mm thick)	Use with 6203 Bearing & 46-1602-2 Rotor Spacer (3mm thick)	=	Use with 6303 Bearing & 46-1618 Rotor Spacer (1mm thick)
					
21-118		**21-149**	**21-125**		**21-164**
					
21-119		**21-163**	**21-128**		**21-139**
					
21-123		**21-145**	**21-130**		**21-151**
					
21-124		**21-146**	**21-135**		**21-150**

D.E. Frame Quick Identification:

For most CS130 Series,
D.E. frames requiring a 6203 bearing have 3 spokes
D.E. frames requiring a 6303 bearing have 5 spokes

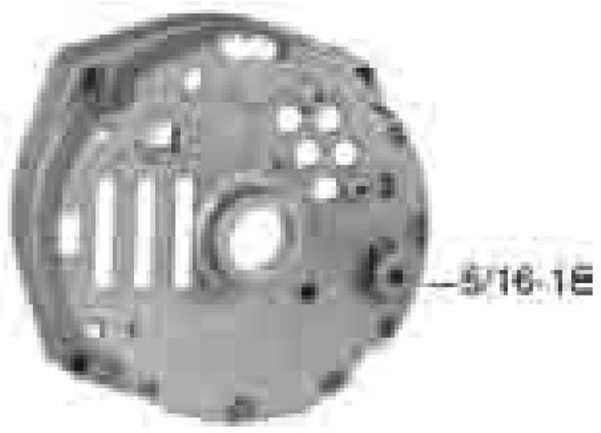
DELCO

10DN, 10SI, 12SI Series



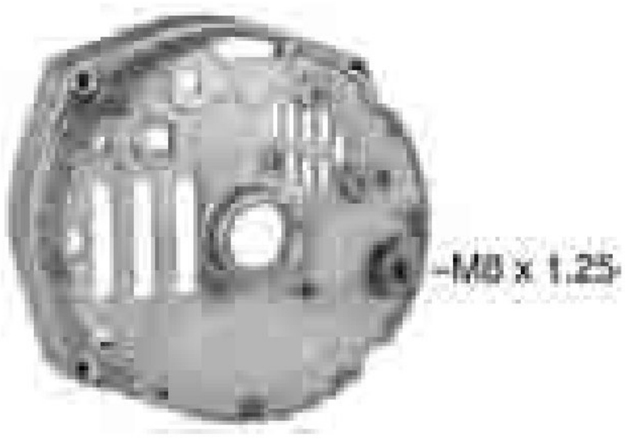
22-100
S.R.E. Frame

For: Delco 10DN Series ER/EF Alternators
Replaces: Delco 1852934
Lester Nos: 7102, 7111, 7122
Dim: 5/16-18 Mtg. Hole
Note: Used w/ 8-101-2 needle bearing



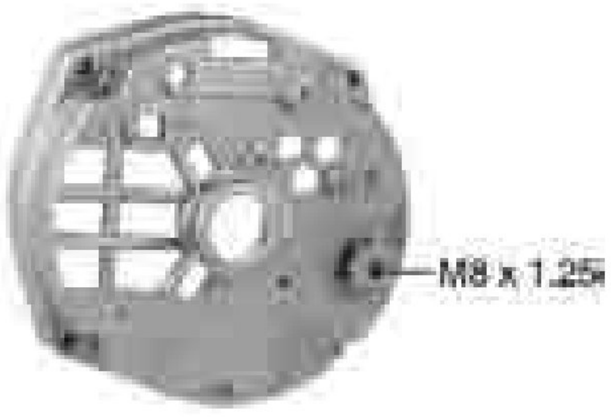
22-101
S.R.E. Frame
Standard

For: Delco 10SI Series IR/EF Alternators
Used On: (1979-73) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac
Replaces: Delco 1851201, 1852101
Lester Nos: 7127, 7128, 7145, 7148, 7282
Dim: 5/16-18 Mtg. Hole
Note: Used w/ 8-101-2 needle bearing



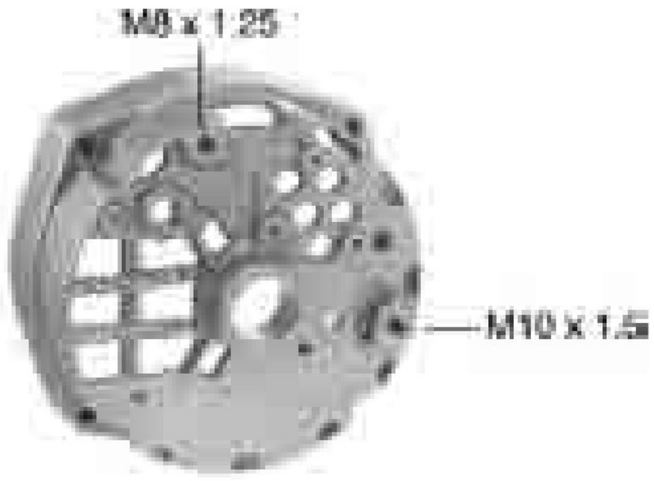
22-102
S.R.E. Frame
Metric

For: Delco 10SI Series IR/EF Alternators
Used On: (1983-73) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac
Replaces: Delco 1974939
Lester Nos: 7127, 7128, 7145, 7148, 7282, 7292
Dim: M8 x 1.25 Mtg. Hole
Note: Used w/ 8-101-2 needle bearing



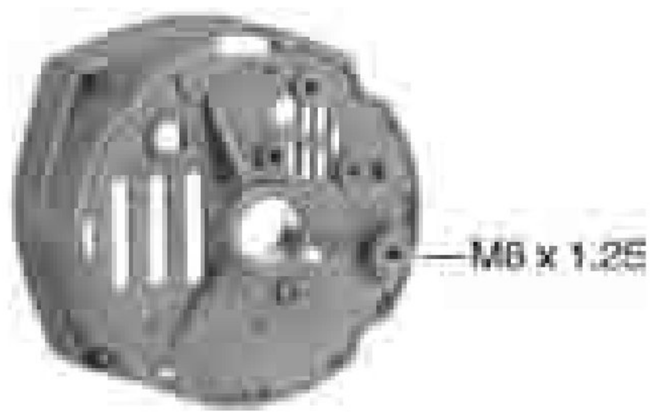
22-103
S.R.E. Frame

For: Delco 12SI Series IR/EF Alternators
Used On: (1991-83) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac
Replaces: Delco 1984460, 1987056, 1987073, D3335
Lester Nos: 7127, 7128, 7148, 7271, 7272, 7272R, 7273, 7273R, 7277, 7278, 7282, 7292, 7292R, 7293, 7293R, 7294, 7294R, 7830
Dim: M8 x 1.25 Mtg. Hole
Note: Used w/ 8-101-2 needle bearing



22-104
S.R.E. Frame

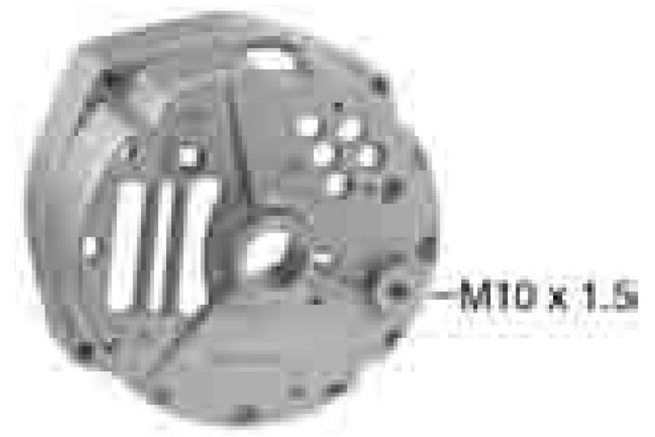
For: Delco 12SI Series IR/EF Alternators
Used On: (1986-83) Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 1985500
Unit Nos: Delco 1100244, 1100258, 1105354, 1105355, 1105358, 1105359, 1105367, 1105439, 1105440
Lester Nos: 7148, 7274, 7275, 7278
Dim: M8 x 1.25 Mtg. Hole
M10 x 1.50 Mtg. Hole
Note: Used w/ 8-101-2 needle bearing



22-127
S.R.E. Frame

For: Delco 10SI/Type 116, 136 Series IR/EF Alternators
Replaces: Delco 1975718
Unit Nos: Delco 1100114, 170, 171, 1101192, 193, 195, 201, 202, 203, 204; 1102918, 920, 921, 922, 925, 926, 927, 928, 929, 930, 932, 933, 934, 935, 936, 937, 942; 1103035, 054, 072, 107, 116, 123, 124, 125, 126, 127, 128, 129, 130, 131, 133, 135, 138, 141, 160, 165, 166, 167, 171, 172, 173, 174, 175, 183, 184, 185, 188, 189, 191; 1105066, 068, 069, 070, 072, 073, 074, 075, 077, 086, 098, 099, 100, 159, 160, 162, 163, 164, 165, 166, 167, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 419, 420, 422, 423, 424, 429, 430, 431, 434, 435, 436, 455, 456, 457, 458, 459, 510, 514, 537, 558, 559, 573, 574, 584, 586, 619, 645, 686, 702; 10480058, 060
Dim: M8 x 1.25 Mtg. Hole
Note: Used w/ 8-103 needle bearing

15SI, 17SI, 19SI Series



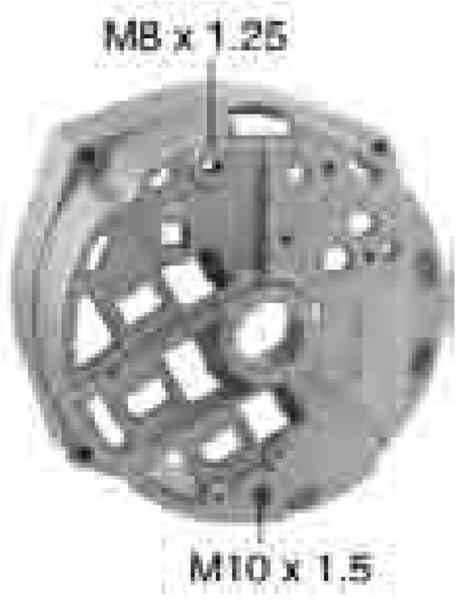
22-105
S.R.E. Frame

For: Delco 15SI/Type 116 Series IR/EF Alternators
Used On: Cummins
Replaces: Delco 1979719
Unit Nos: Delco 1101194, 1101205, 1101439, 1101440, 1102551, 1105418, 1105536, 1105538, 1105539, 1105540, 1105560, 1105579, 1105609, 10479924, 10479925, 10479926, 10479927, 10479929, 10479930
Lester Nos: 7134H, 7134R
Dim: M10 x 1.50 Mtg. Hole
Note: Used w/ 8-119 needle bearing

ALTERNATOR - FRAMES, S.R.E. (22-)

DELCO

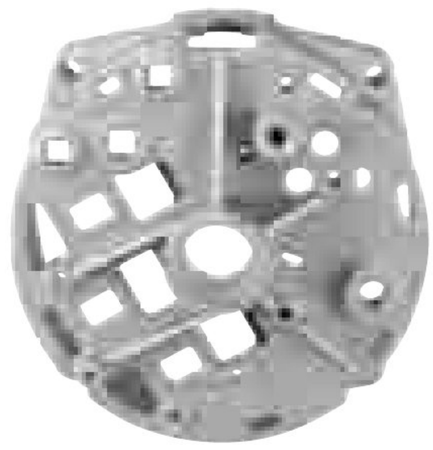
15SI, 17SI, 19SI Series (cont'd.)



22-107
S.R.E. Frame
For: Delco 17SI Series 120A IR/EF Alternators
Used On: (1990-85) Buick, Chevrolet, GMC, Pontiac
Replaces: Delco 1988991, D3336
Unit Nos: Delco 1101215, 1101252, 1101258, 1101290, 1105585, 1105643, 1105658, 1105680, 1105683, 1105690, 10479864, 10479868, 10479915
Lester Nos: 7287, 7288
Dim: M8 x 1.25 Mtg. Hole
M10 x 1.50 Mtg. Hole
Note: Used w/ 8-101-2 needle bearing.

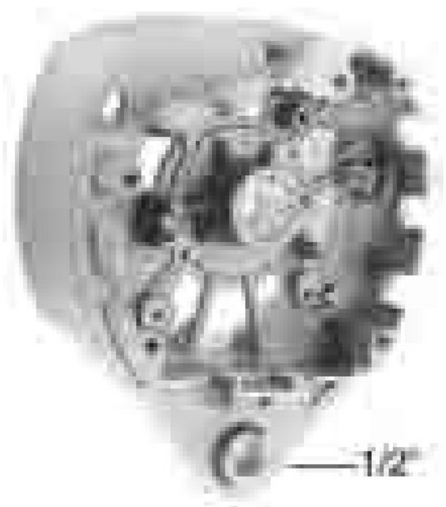


22-108
S.R.E. Frame
For: Delco 17SI Series 97-108A IR/EF Alternators
Used On: (1987-83) Buick, Chevrolet, GMC, Oldsmobile, Pontiac
Replaces: Delco 1985671
Unit Nos: Delco 1101112, 1101113, 1101115, 1101164, 1101224, 1101225, 1101236, 1101297, 1101306, 1101309, 1105085, 1105366, 1105373, 1105416, 1105450, 1105451, 1105479, 1105481, 1105497, 1105509, 1105513, 1105515, 1105549, 1105553, 1105570, 1105587, 1105595, 1105596, 1105618, 1105639, 1105681, 1105696, 10479860, 10479862, 10479865, 10479867, 10479869, 10479916
Lester Nos: 7286, 7290, 7854
Dim: M8 x 1.25 Mtg. Hole
M10 x 1.50 Mtg. Hole
Note: Used w/ 8-101-2 needle bearing.



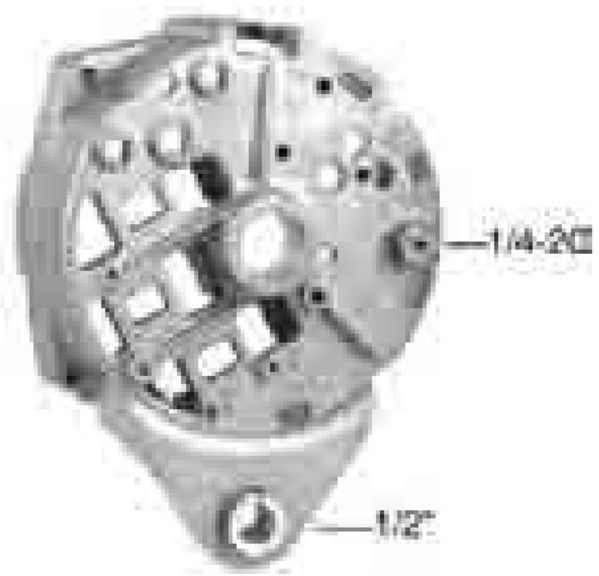
22-173
S.R.E. Frame
For: Delco 19SI Series IR/EF Alternators
Used On: Agricultural & Industrial Equipment w/ Cummins Engines
Replaces: Delco 10483260, Ref# C-3459
Unit Nos: Cummins 3934777, 3934778; Delco 19009950, 19009951, 19009952, 19009956, 19009957
Lester Nos: 8098

20SI Series



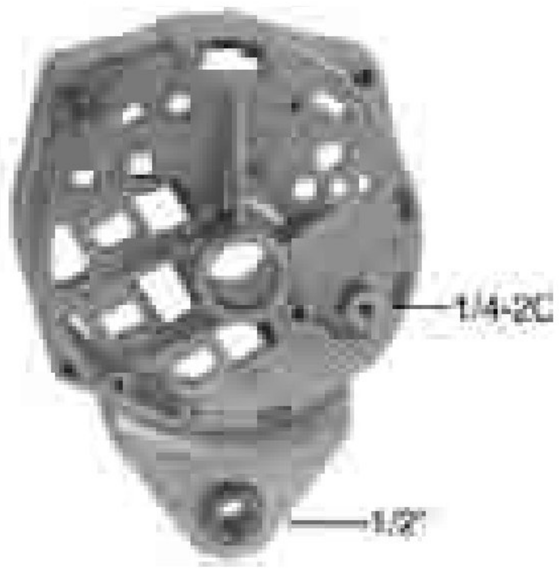
22-110
Rectifier End Frame
For: Delco 20SI Series IR/EF Alternators
Replaces: Delco 1894465
Dim: 1/2" Mtg. Foot Hole Size
Note: Used w/ 8-109 needle bearing
Components:
46-1550 Mounting Bushing

21SI, 22SI Series



22-123
S.R.E. Frame
For: Delco 21SI Series IR/EF Alternators
Replaces: Delco 10467269, 10475434
(cont'd.)

(cont'd.)
Lester Nos: 7641, 7642, 7659, 7665, 7666, 7673, 7971, 7976, 8029, 8030, 8039
Dim: 1/4-20 Mtg. Hole
1/2" Mtg. Foot Hole Size
Note: Used w/ 8-119 needle bearing (22mm L).
For version requiring 8-109 needle bearing (31.5mm L) use 22-151.

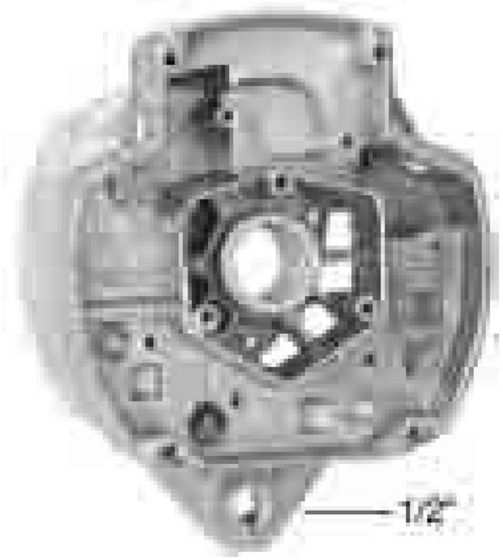


22-152
S.R.E. Frame
For: Delco 22SI Series IR/EF Alternators
Replaces: Delco 10492747
Unit Nos: Delco 19020300, 19020302, 19020303, 19020304, 19020305, 19020306, 19020307, 19020308, 19020309, 19020310, 19020312, 19020346, 19020354, 19020358, 19020359, 19020360, 19020362, 19020363, 19020364, 19020365, 19020366, 19020377, 19020386
Lester Nos: 8078
Dim: 1/4-20 Mtg. Hole
1/2" Mtg. Foot Hole Size
Note: Used w/ 8-109 needle bearing (31.5mm L). 1/4" thru-bolt holes.



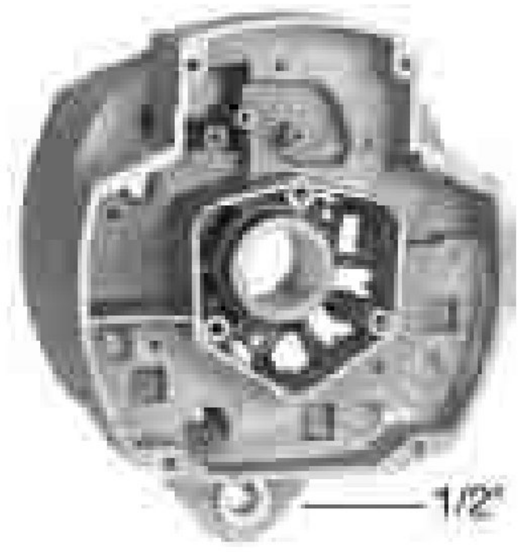
22-169
S.R.E. Frame
For: Delco 22SI Series IR/EF Alternators
Replaces: Delco 10452442
Unit Nos: Delco 19020387, 19020388, 19020389, 19020889
Lester Nos: 8360, 8361, 8362
Dim: 12mm Mtg. Ear Hole Size
12mm Mtg. Foot Hole Size
Note: Used w/ 8-109 needle bearing (31.5mm L).
1/4" thru-bolt holes.

25SI, 26SI Series



22-111
Rectifier End Frame

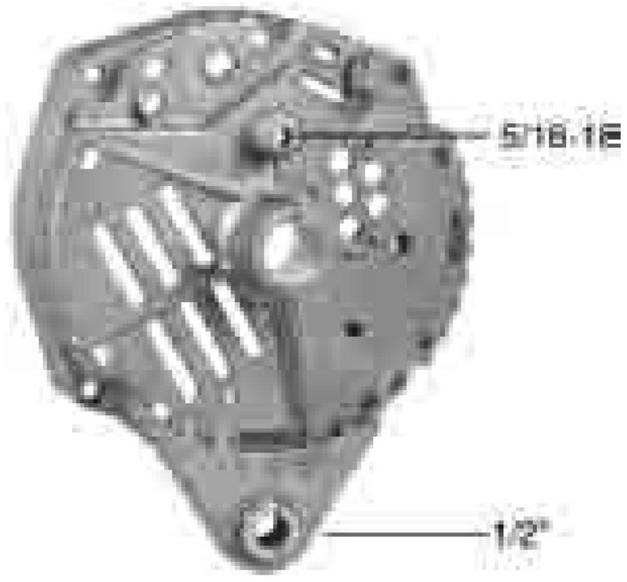
For: Delco 25SI Series IR/EF Alternators
Replaces: Delco 1892959, 1892960, 1971653
Dim: 1/2" Mtg. Foot Hole Size
Note: Without diodes.
Used w/ 8-107 needle bearing.
Components:
46-1550 Mounting Bushing



22-148
Rectifier End Frame

For: Delco 26SI Series IR/EF Alternators
Replaces: Delco 10457112, 10472647
Unit Nos: Delco 19010000, 19010001, 19010002, 19010003, 19010004, 19010005, 19010006, 19010007, 19010008, 19010009, 19010010, 19010011, 19010012, 19010013, 19010014, 19010018, 19010019, 19010020
Dim: 1/2" Mtg. Foot Hole Size
Note: Without diodes.
Used w/ 8-107 needle bearing.
Similar to 22-111 except 22-148 has additional mtg. bosses for mtg. late style (white) integral regulators.
Components:
46-1550 Mounting Bushing

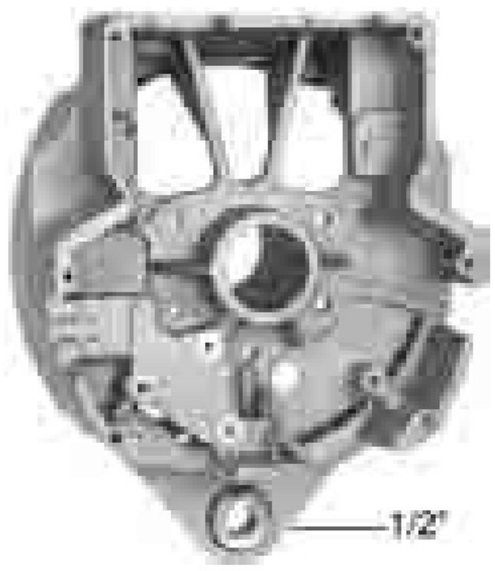
27SI Series



22-114
S.R.E. Frame

For: Delco 27SI/Type 200 Series IR/EF Alternators
Replaces: Delco 1852630
Lester Nos: 7136, 7138, 7197, 7842, 7850
Dim: 5/16-18 Mtg. Hole
1/2" Mtg. Foot Hole Size
Note: Used w/ 8-109 needle bearing
Components:
46-1550 Mounting Bushing

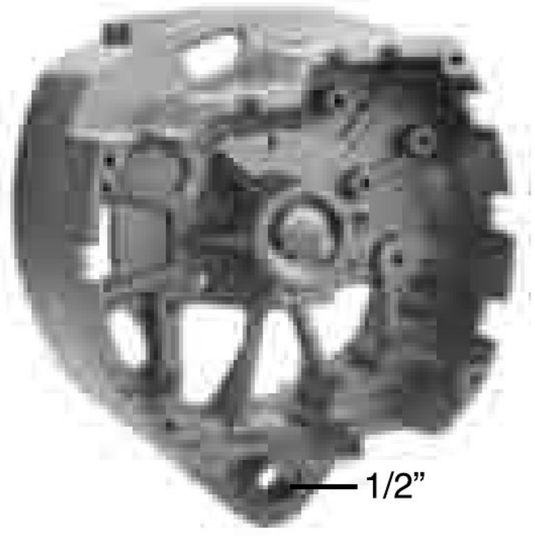
30SI Series



22-117
Rectifier End Frame

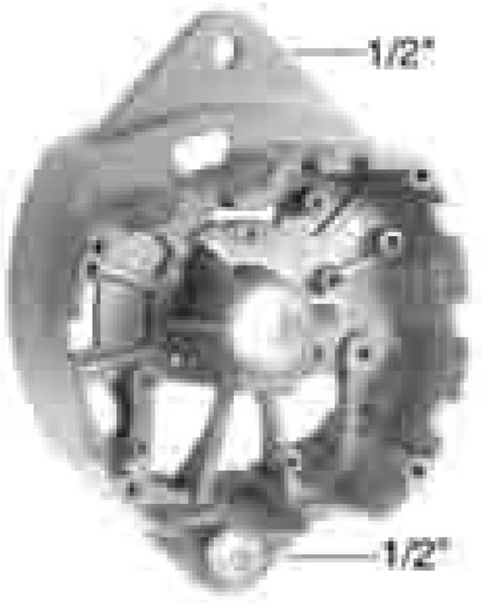
For: Delco 30SI Series IR/EF Alternators
Replaces: Delco 1876762
Dim: 1/2" Mtg. Foot Hole Size
Note: Used w/ 8-107 needle bearing
Components:
46-1550 Mounting Bushing

33SI, 34SI Series



22-155
Rectifier End Frame

For: Delco 33SI Series IR/EF Alternators
Replaces: Delco 10491175
Unit Nos: Delco 19011150, 19011151, 19011152, 19011153, 19011154, 19011155, 19011156, 19011158, 19011159, 19011160, 19011161, 19011162, 19011163, 19011171, 19011173, 19011174, 19011175, 19011180, 19011182, 19011192
Lester Nos: 8080, 8083
Dim: 1/2" Mtg. Foot Hole Size
Note: Used w/ 8-107 Needle bearing
Components:
46-1550 Mounting Bushing



22-156
Rectifier End Frame

For: Delco 34SI Series IR/EF Alternators
Replaces: Delco 10491342
Unit Nos: Delco 19011157, 19011167, 19011168, 19011169, 19011170, 19011172, 19011179, 19011186, 19011191
Lester Nos: 8090, 8092
Dim: 1/2" Mtg. Ear Hole Size
1/2" Mtg. Foot Hole Size
Note: Used w/ 8-107 needle bearing

ALTERNATOR - FRAMES, S.R.E. (22-)

DELCO

33SI, 34SI Series (cont'd.)

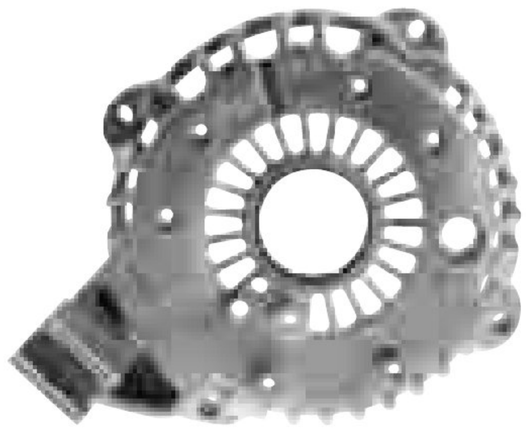


22-166
Rectifier End Frame
For: Delco 34SI Series IR/EF Alternators
Replaces: Delco 10483417
Unit Nos: Delco 19011176, 19011177, 19011187
Lester Nos: 8095, 8096, 8097
Dim: 12mm Mtg. Ear Hole Size
12mm Mtg. Foot Hole Size
Note: Used w/ 8-107 needle bearing

AD230 Series

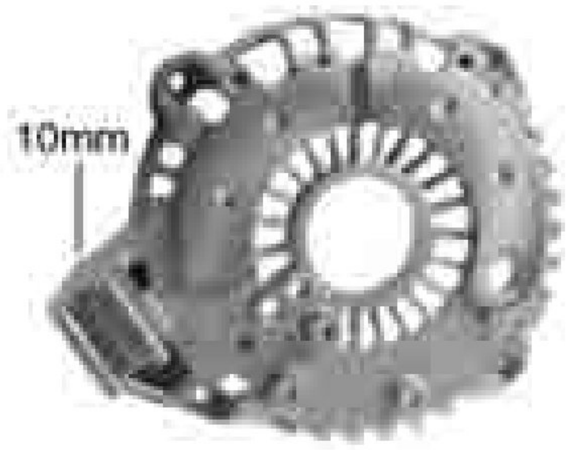


22-161
S.R.E. Frame
For: Delco AD230 Series IR/IF Alternators
Used On: (2005-00) Chevrolet, GMC
Unit Nos: Delco 10480229, 10480271, 10480326, 10480388, 15755616, 15768829, 15769252
Lester Nos: 8238, 8247, 8273, 8291
WAI Ref. Nos: 1-2320-21DR, 1-2415-41DR
Components:
46-1572 Tolerance Ring



22-162
S.R.E. Frame
For: Delco AD230 Series IR/IF Alternators
Used On: (2005-00) Buick, Chevrolet. Oldsmobile, Pontiac
Unit Nos: Delco 10442782, 10442783, 10480241, 10480411
Lester Nos: 8245, 8285, 8287
WAI Ref. Nos: 1-2219-01DR, 1-2416-01DR, 1-2416-02DR
Components:
46-1572 Tolerance Ring

AD237 Series



22-160
S.R.E. Frame
For: Delco AD237 Series IR/IF Alternators
Used On: (2001-99) Oldsmobile
Unit Nos: Delco 10480303, 10480341
Lester Nos: 8241, 8278
WAI Ref. Nos: 1-2199-01DR, 1-2365-01DR
Note: Used w/ 21-175 D.E. Frame.
Components:
46-1572 Tolerance Ring



22-163
S.R.E. Frame
For: Delco AD237 Series IR/IF Alternators
Used On: (2001-99) Buick
Unit Nos: Delco 10480244, 10480368, 10480428
Lester Nos: 8235, 8244, 8286
WAI Ref. Nos: 1-2198-01DR, 1-2220-01DR
Note: Used w/ 21-178 D.E. Frame
Components:
46-1572 Tolerance Ring

AD244 Series

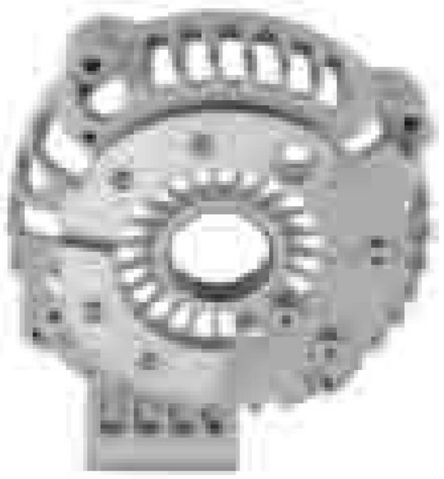


22-164
S.R.E. Frame
For: Delco AD244 Series IR/IF Alternators
Used On: (2002-99) Chevrolet, GMC
Replaces: Delco 10482941
Unit Nos: Delco 10480234, 10480390, 15768830, 15769253
Lester Nos: 8237, 8492
WAI Ref. Nos: 1-2418-41DR, 1-2419-21DR
Dim: Stator Bore Depth: 4mm
Note: Similar to 22-168 except 22-168 has 6mm stator bore depth.
Used w/ 21-179-1 D.E. Frame
Components:
46-1572 Tolerance Ring



22-168
S.R.E. Frame

For: Delco AD244 Series IR/IF Alternators
Used On: (2005-01) Chevrolet, GMC
Unit Nos: Delco 15750871
Lester Nos: 8237
WAI Ref. Nos: 1-2419-21DR
Dim: Stator Bore Depth: 6mm
Note: Similar to 22-164 except 22-164 has 4mm stator bore depth.
Used w/ 21-185-1 D.E. Frame.
Components:
46-1572 Tolerance Ring



22-170
S.R.E. Frame

For: Delco AD244 Series IR/IF Alternators
Used On: (2005-02) Buick, Chevrolet, GMC, Isuzu, Oldsmobile, Saab
Unit Nos: Delco 15062413, Isuzu 8-10464-468-0, Saab 10-46-4468
Lester Nos: 8290
WAI Ref. Nos: 1-2417-01DR
Dim: Stator Bore Depth: 6mm
Components:
46-1572 Tolerance Ring

CS121 Series



22-124
S.R.E. Frame

For: Delco CS121 Series IR/EF Alternators
Used On: (1993-88) Pontiac
Replaces: Delco 10498011
Unit Nos: Delco 1101531, 1101563, 1101564, 1101816
Lester Nos: 7929, 7954
Dim: 8mm Mtg. Foot Hole Size
Note: Used w/ 12-100-1 metal tolerance ring & 6000 ball bearing.



22-141
S.R.E. Frame

For: Delco CS121 Series IR/EF Alternators
Used On: (1994-87) Buick, Chevrolet, Jeep, Oldsmobile, Pontiac; Caterpillar, Hyster, Towmotor
Replaces: Delco 10469984, 10496053
Unit Nos: Delco 1101168, 1101171, 1101172, 1101175, 1101176, 1101291, 1101319, 1101320, 1101321, 1101483, 1101565, 1102614, 1102615, 1105697, 10479815, 10479816, 10480067
Lester Nos: 7817, 7818, 7819, 7873, 7926, 7937, 8179
Dim: M8 x 1.25 Mtg. Hole
Note: With 6.5mm deep stator bore to accept 80 amp stator.
Used w/ 46-1560 plastic tolerance ring & 6000 ball bearing.

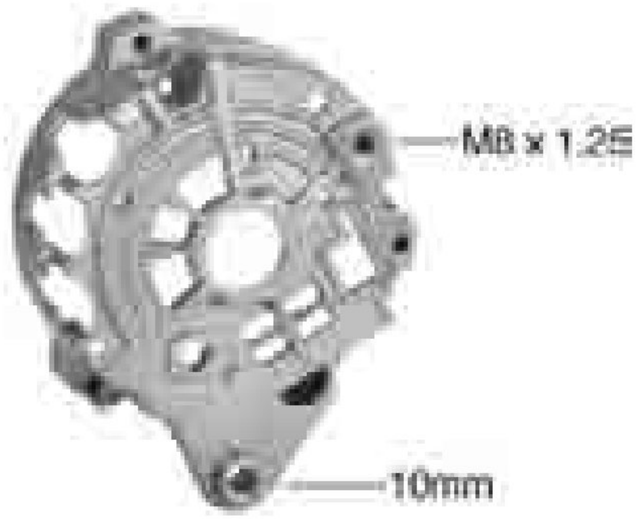
CS121D Series



22-157
S.R.E. Frame

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232

CS130 Series



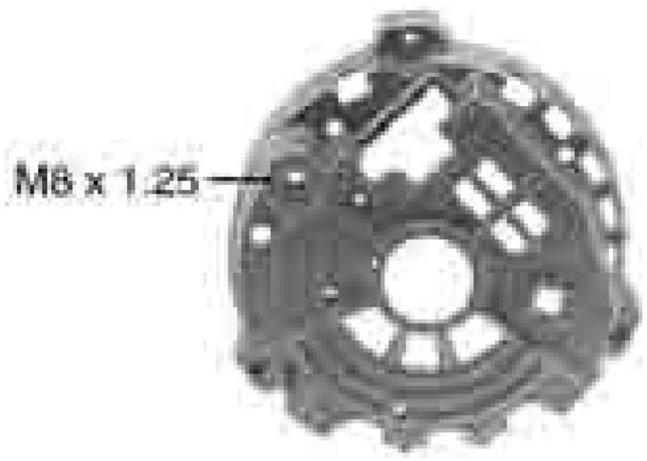
22-125
S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1995-88) Chevrolet, Dodge, Eagle, Freightliner, Pontiac
Replaces: Delco 10474269
Unit Nos: Delco 1101266, 1101267, 1101638, 1101644, 1102644, 10479969, 10479976, 10480157
Lester Nos: 7973, 8114, 8217
Dim: M8 x 1.25 Mtg. Hole
10mm Mtg. Foot Hole Size
Note: Late style S.R.E. frame, designed for 46-1560 or 46-1562 plastic tolerance ring.
Used w/ 6000 or 62000 ball bearing.
Components:
46-1559 Mounting Bushing

ALTERNATOR - FRAMES, S.R.E. (22-)

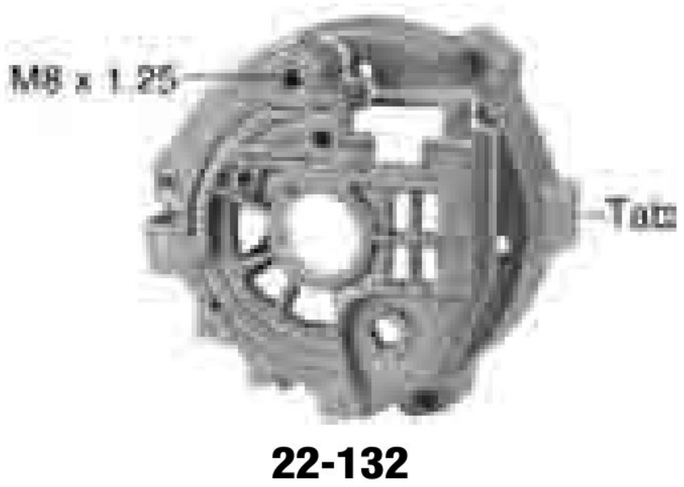
DELCO

CS130 Series (cont'd.)



22-126
S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1997-86) Buick, Cadillac, Chevrolet, Chevrolet Truck, Eagle, GMC, GMC Truck, Isuzu, Jeep, Oldsmobile, Pontiac
Replaces: Delco 10473709, 10474266, 10479357, D3340, D3341
Lester Nos: 7801, 7802, 7803, 7804, 7807, 7808, 7820, 7858, 7859, 7860, 7861, 7867, 7870, 7872, 7880, 7883, 7886, 7888, 7894, 7897, 7902, 7903, 7910, 7914, 7917, 7921, 7925, 7933, 7939, 7945, 7960, 7964, 7974, 7977, 7981, 8103, 8137, 8154, 8165, 8166, 8167, 8169, 8189
Dim: M8 x 1.25 Mtg. Hole
Note: Used w/ 46-1560 or 46-1562 plastic tolerance ring & 6000 or 62000 ball bearing



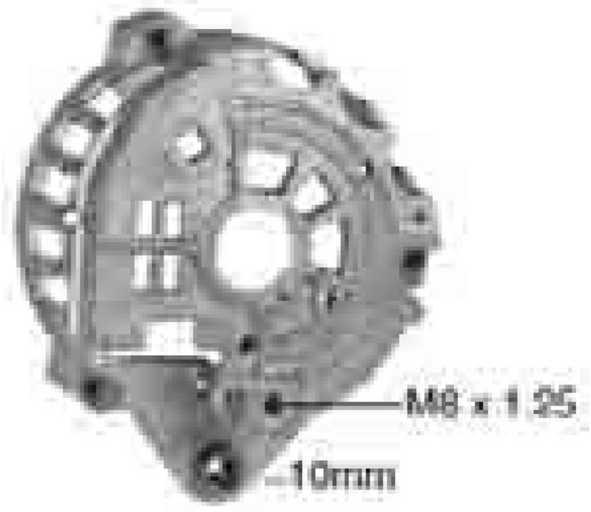
22-132
S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1993-92) Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10474091
Unit Nos: Delco 10479998, 10480105
Lester Nos: 8130
Dim: M8 x 1.25 Mtg. Hole
Note: 22-132 has tab casted into S.R.E. frame for attaching plastic air duct from vehicle.
Used w/ 46-1560 or 46-1562 plastic tolerance ring & 6000 or 62000 ball bearing.



22-137
S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1997-92) Saturn
Replaces: Delco 10477626
Unit Nos: Delco 21021447, 21022772, 21023516, 21023702, 21023724
Lester Nos: 8107, 8215
Dim: M8 x 1.25 Mtg. Hole
8mm Mtg. Foot Hole Size
Note: Used w/ 46-1560 or 46-1562 plastic tolerance ring & 6000 or 62000 ball bearing
Components:
46-1565 Mounting Bushing



22-145
S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1998-94) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10475912
Unit Nos: Delco 10480025, 10480172, 10480181, 10480265
Lester Nos: 8171, 8198, 8202, 8225
Dim: M8 x 1.25 Mtg. Hole
10mm Mtg. Foot Hole Size
Note: Used w/ 46-1560 or 46-1562 plastic tolerance ring & 6000 or 62000 ball bearing
Components:
46-1559 Mounting Bushing

CS130D Series



22-138
S.R.E. Frame

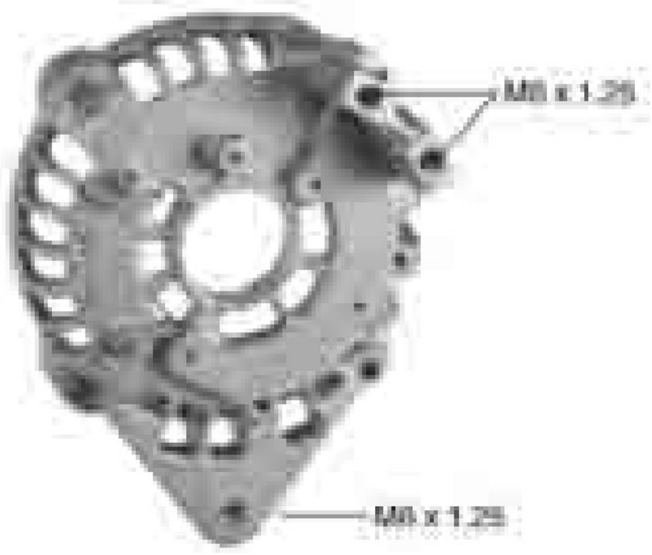
For: Delco CS130D Series IR/IF Alternators
Used On: (2002-94) Buick, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac
Unit Nos: Delco 10479981, 10479984, 10480017, 10480043, 10480072, 10480074, 10480076, 10480078, 10480187, 10480188, 10480189, 10480190, 10480191, 10480250, 10480252, 10480289, 10480321, 10480361
Lester Nos: 8158, 8160, 8190, 8199, 8208, 8223, 8233
WAI Ref. Nos: 1-1798-21DR, 1-1802-21DR, 1-1802-31DR, 1-1802-42DR, 1-1986-41DR, 1-2019-11DR, 1-2043-11DR, 1-2067-31DR, 1-2175-31DR
Dim: (2) M8 x 1.25 Mtg. Holes
5mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing



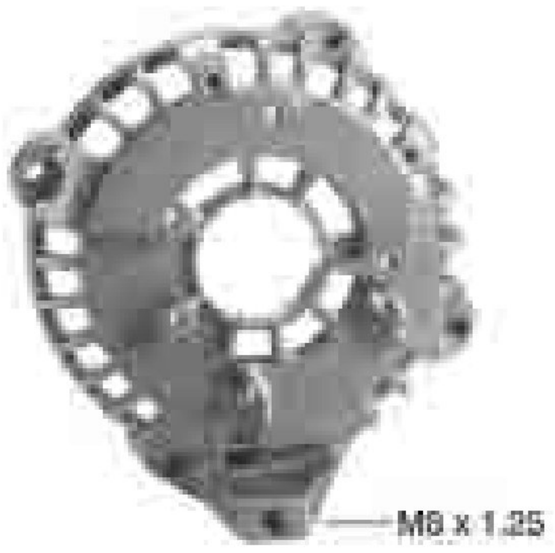
22-139
S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (1999-93) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480052, 10480071, 10480119, 10480195, 10480196, 10480217, 10480233, 10480235, 10480236, 10480237, 10480238, 10480259, 10480263, 10480353
Lester Nos: 8155, 8156, 8222
WAI Ref. Nos: 1-1797-01DR, 1-1797-02DR, 1-1799-01DR, 1-1799-02DR, 1-2068-01DR
(cont'd.)

(cont'd.)
Dim: 10mm Mtg. Foot Hole Size
(2) M8 x 1.25 Mtg. Holes
5mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing
Components:
46-1566 Mounting Bushing

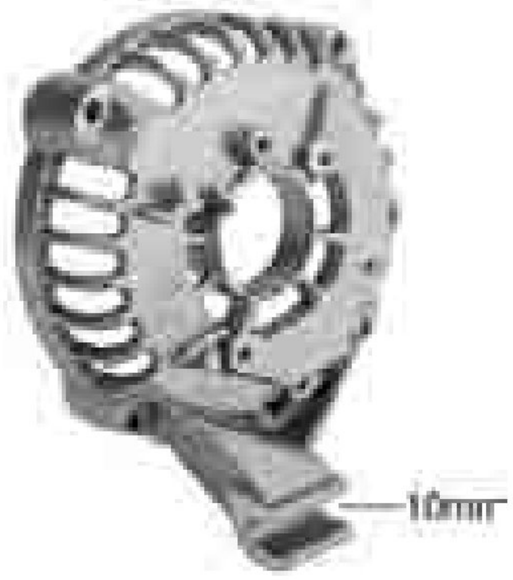


22-146
S.R.E. Frame
For: Delco CS130D Series IR/IF Alternators
Used On: (2002-95) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480182, 10480218, 10480240, 10480260, 10480262, 10480264, 10480301, 10480307, 10480351, 10480354, 10480378
Lester Nos: 8200, 8224
WAI Ref. Nos: 1-1985-01DR, 1-2070-01DR, 1-2070-02DR, 1-2290-01DR
Dim: M8 x 1.25 Mtg. Foot Hole Size
(2) M8 x 1.25 Mtg. Holes
5mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing

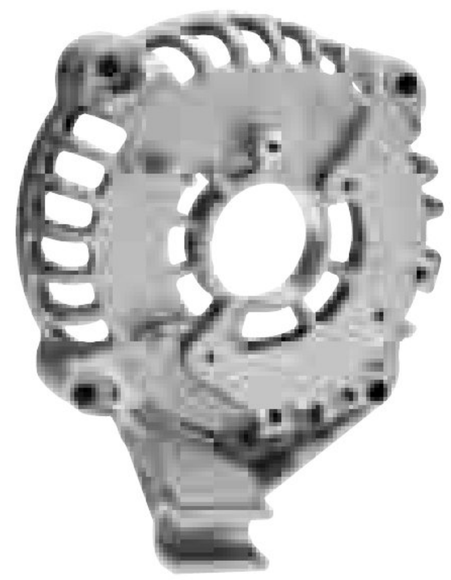


22-149
S.R.E. Frame
For: Delco CS130D Series IR/IF Alternators
Used On: (2000-96) Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile
Unit Nos: Delco 10480167, 10480168, 10480170, 10480198, 10480251, 10480254
Lester Nos: 8206, 8216, 8227, 8231
WAI Ref. Nos: 1-1995-21DR, 1-1995-22DR, 1-2042-21DR, 1-2156-21DR
(cont'd.)

(cont'd.)
Dim: M8 x 1.25 Mtg. Hole
5mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing



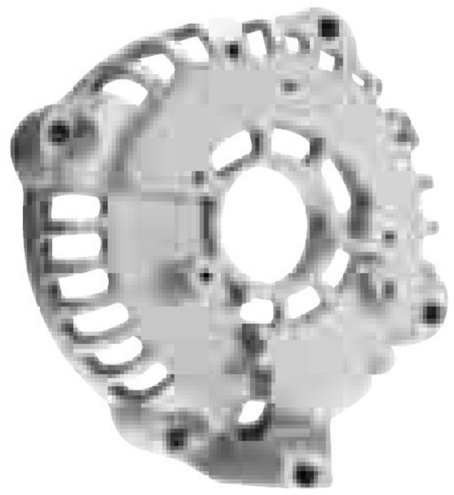
22-150
S.R.E. Frame
For: Delco CS130D Series IR/IF Alternators
Used On: (2000-96) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480079, 10480322, 10480332, 10480336
Lester Nos: 8197, 8230
WAI Ref. Nos: 1-2020-01DR, 1-2135-01DR, 1-2322-01DR
Dim: 5mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing. Similar to 22-158 except 22-158 end frame mating bore depth is 6mm.



22-158
S.R.E. Frame
For: Delco CS130D Series IR/IF Alternators
Used On: (2001-97) Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480184, 10480207, 10480299, 10480317, 10480318, 10480320
Lester Nos: 8228, 8229, 8230, 8249
WAI Ref. Nos: 1-2069-01DR, 1-2071-01DR, 1-2135-01DR, 1-2222-01DR, 1-2322-01DR
Dim: 6mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing. Similar to 22-150 except 22-150 end frame mating bore depth is 5mm. Similar to 22-159 except 22-159 has the thru bolt holes rotated to a different location.



22-159
S.R.E. Frame
For: Delco CS130D Series IR/IF Alternators
Used On: (2001-99) Buick, Chevrolet, Pontiac
Unit Nos: Delco 10437987, 10437988, 10480292, 10480330, 10480331, 10480346, 10480348, 10480352
Lester Nos: 8234, 8243
WAI Ref. Nos: 1-2213-01DR, -02DR; 1-2214-01DR, -02DR
Dim: 6mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing. Similar to 22-158 except 22-158 has the thru bolt holes rotated to a different location.



22-167
S.R.E. Frame
For: Delco CS130D Series IR/IF Alternators
Used On: (2001-98) Chevrolet, Pontiac
Unit Nos: Delco 10480308, 10480342, 10480343
Lester Nos: 8242
WAI Ref. Nos: 1-2177-21DR
Dim: M8 x 1.25 Mtg. Hole
6mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing

ALTERNATOR - FRAMES, S.R.E. (22-)

DELCO

CS130 Series (cont'd.)



22-171
S.R.E. Frame
For: Delco CS130D Series IR/IF Alternators
Used On: (2005-00) Chevrolet, GMC, Oldsmobile
Unit Nos: Delco 10480288, 15760058
Lester Nos: 8283
WAI Ref. Nos: 1-2398-11DR
Dim: 5mm End Frame Mating Bore Depth. Machined on the inside.
Note: Used w/ 6202 ball bearing.

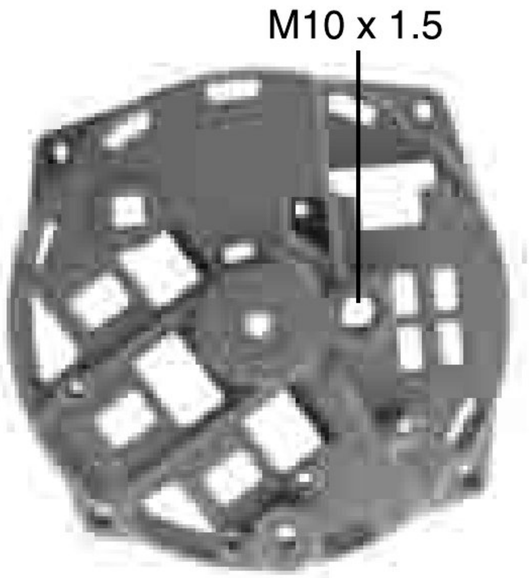


22-172
S.R.E. Frame
For: Delco CS130D Series IR/IF Alternators
Used On: (1999-97) Acura, Honda
Unit Nos: Delco 10480228, 10463963, 10464417; Honda 31100-P8A-A01, -A02
Lester Nos: 8220
WAI Ref. Nos: 1-2058-11DR
Dim: 7mm End Frame Mating Bore Depth. Machined on the outside.
Note: Used w/ 6202 ball bearing

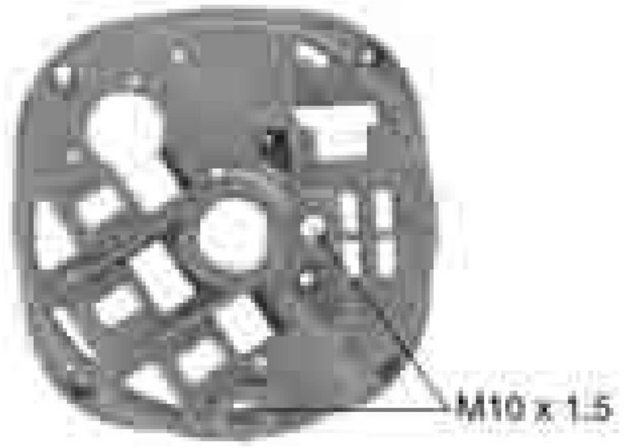
CS144 Series



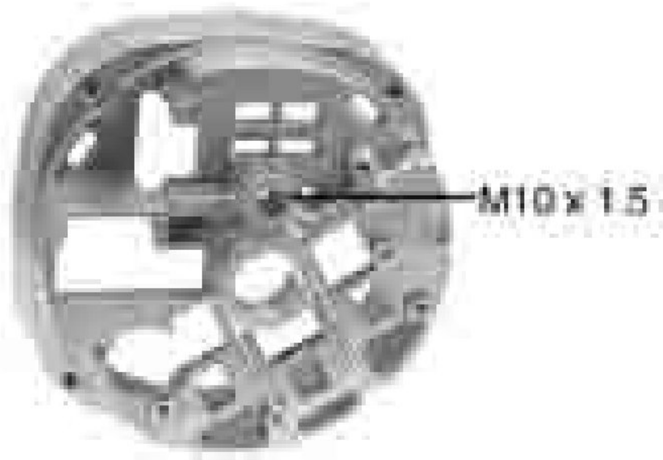
22-120
S.R.E. Frame
For: Delco CS144 Series IR/EF Alternators
Used On: (1997-86) Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac
Replaces: Delco 1989706, 10468851
Unit Nos: Delco 1101133, 182, 183, 212, 213, 214, 237, 238, 239, 250, 263, 270, 274, 294, 295, 296, 316, 325, 326, 329, 330, 331, 349, 454, 482, 486, 487, 491, 493, 518, 561, 566, 567, 573, 574, 591, 597, 604, 623, 648, 805, 849; 1102634, 635, 637, 639, 641, 642, 643; 1105615, 616, 625, 626, 657, 684, 685; 10479809, 836, 838, 839, 843, 847, 853, 854, 855, 884, 904, 907, 959; 10480121, 131
Lester Nos: 7805, 7806, 7812, 7813, 7863, 7864, 7901, 7918, 7955, 7959, 8119
Dim: M8 x 1.25 Mtg. Hole
M10 x 1.50 Mtg. Hole
Note: Used w/ 6-100-84 ball bearing



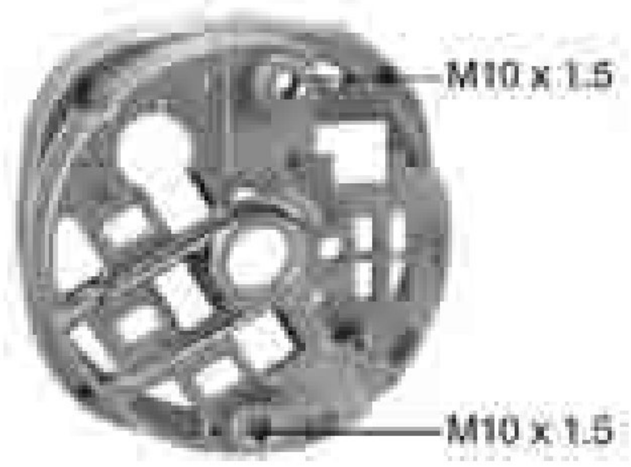
22-128
S.R.E. Frame
For: Delco CS144 Series IR/EF Alternators
Used On: (1990-89) Cadillac
Replaces: Delco 10467412
Unit Nos: Delco 1101490, 1101519, 10479844
Lester Nos: 7942
Dim: M10 x 1.5 Mtg. Hole
Note: Used w/ 6-100-84 ball bearing



22-133
S.R.E. Frame
For: Delco CS144 Series IR/EF Alternators
Used On: (2002-93) Cadillac, Chevrolet, GMC, Oldsmobile
Replaces: Delco 10474366
Unit Nos: Delco 1101850, 10479995, 10480019, 10480122, 10480177, 10480282, 10480296, 10480297, 10480310, 10480311
Lester Nos: 8113, 8127, 8188, 8214, 8226
Dim: (2) M10 x 1.5 Mtg. Holes
Note: Used w/ 8-122 needle bearing

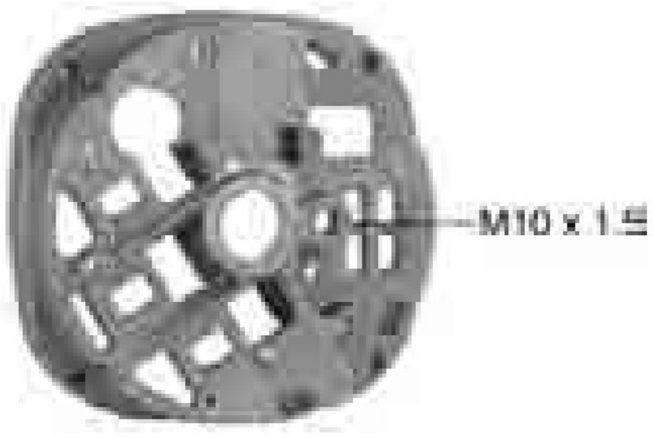


22-134
S.R.E. Frame
For: Delco CS144 Series IR/EF Alternators
Used On: (1995-91) Buick, Cadillac, Oldsmobile, Pontiac
Replaces: Delco 10474212
Unit Nos: Delco 1102625, 10479966, 10480009, 10480010, 10480012, 10480034, 10480116
Lester Nos: 7966, 7984, 8134, 8136
Dim: M10 x 1.5 Mtg. Hole
Note: Used w/ 8-122 needle bearing. Has cut-out in S.R.E. frame for 46-1201 terminal block used on heated windshield applications.



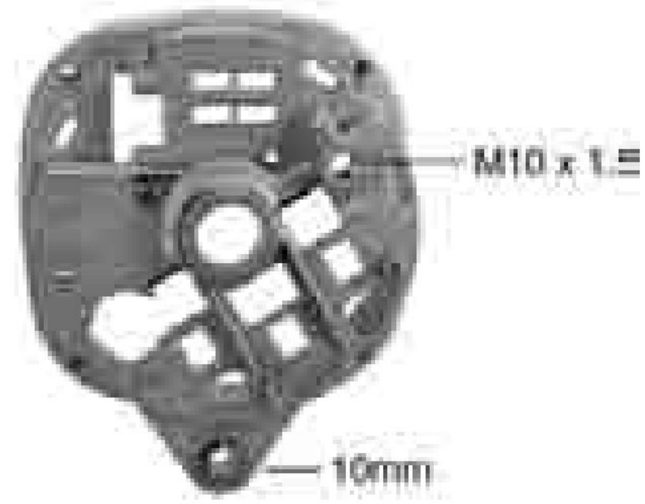
22-142
S.R.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (2000-93) Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac
Replaces: Delco 10476416, 10478014
Unit Nos: Delco 10480111, 10480120, 10480130, 10480133, 10480135, 10480138, 10480139, 10480156, 10480171, 10480186, 10480192, 10480200, 10480202, 10480203, 10480206, 10480255, 10480267, 10480269
Lester Nos: 8172, 8173, 8174, 8191, 8192, 8193, 8203, 8209, 8218, 8219, 8221
Dim: (2) M10 x 1.5 Mtg. Holes
Note: Used w/ 8-122 needle bearing. wo/ inboard mounting boss.



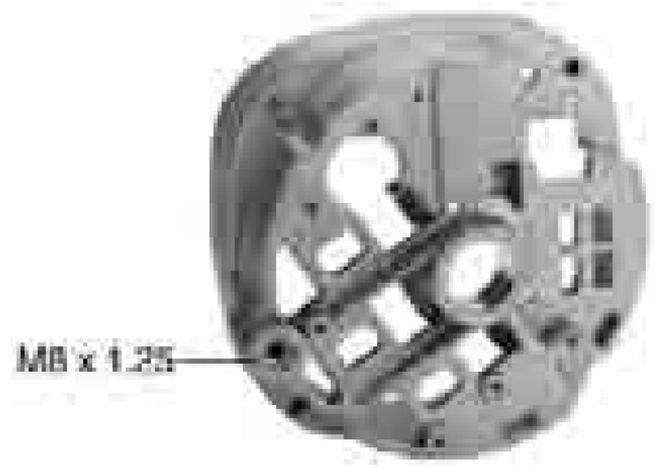
22-147
S.R.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (1996-91) Buick, Cadillac, Chevrolet, Chevrolet Truck, GMC, GMC Truck, Oldsmobile, Pontiac
Replaces: Delco 10474203
Unit Nos: Delco 1101818, 1101819, 10479891, 10480008, 10480011, 10480018, 10480022, 10480023, 10480024, 10480026, 10480033, 10480048, 10480201
Lester Nos: 7678, 7684, 7969, 7985, 8112, 8163, 8175, 8183
Dim: M10 x 1.5 Mtg. Hole
Note: Used w/ 8-122 needle bearing



22-153
S.R.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (1998-96) Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10489795
Unit Nos: Delco 10480077, 10480211
Lester Nos: 8204
Dim: M10 x 1.5 Mtg. Hole
Mtg. Foot: 10mm
Note: Used w/ 8-122 needle bearing
Components:
46-1566 Mounting Bushing



22-154
S.R.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (1999-96) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10489379
Unit Nos: Delco 10480204, 10480205, 10480227, 10480278, 10480279, 10480363
Lester Nos: 8194, 8213
Dim: M8 x 1.25 Mtg. Hole
Note: Used w/ 8-122 needle bearing

FORD

1G Series



22-201
S.R.E. Frame

For: Ford 1G Series 70-100A ER/EF Alternators
Used On: (1992-73) Ford, Lincoln, Mercury
Replaces: Ford D7VZ-10334-A, GH-314-B
Lester Nos: 7072, 7074, 7705, 7742
Note: Used w/ 8-101-2 needle bearing



22-203
S.R.E. Frame

For: Ford 1G Series Truck 65-90A ER/EF Alternators
Replaces: Ford D4HZ-10334-A, GH-316
Unit Nos: Ford D2TF-10300-HA, D4HF-10300-BA, D4HF-10346-BA, D4HZ-10346-B, D4TF-10300-BA, D4TF-10300-CA, D4TF-10346-BA, D4TZ-10346-B
Lester Nos: 7068, 7069, 7080
Note: Used w/ 8-101-2 needle bearing

ALTERNATOR - FRAMES, S.R.E. (22-)

FORD

1G Series (cont'd.)



22-204
S.R.E. Frame

For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford E2HZ-10334-A, GH-364
Unit Nos: Ford E2HZ-10346-B, -C, -D, -E; F0HZ-10346-A, -B, -C, -D, -E, -F
Lester Nos: 7712
Note: Used w/ 8-101-2 needle bearing

2G Series



22-205
S.R.E. Frame

For: Ford 2G Series IR/EF Alternators
Used On: (1994-84) Ford, Lincoln, Mercury
Replaces: Ford E6FZ-10334-A, E7ZZ-10334-A, E8FZ-10334-A, E99Z-10334-A, GH-368, GH-369, GH-377, GH-387, GH-391
Lester Nos: 7084, 7088, 7716, 7731, 7732, 7735, 7738, 7744, 7745, 7746
Dim: M8 x 1.25 Mtg. Hole
Note: Used w/ 8-101-2 needle bearing
Features:
- Has raised fins on each side of the rectifier mounting
- Stronger thru-bolt mounting bosses, eliminating cracking
- Housing is .400" thick where rectifier heat sink mates
- Threaded mounting holes for regulator

3G Series (Small Frame)



22-206
S.R.E. Frame

For: Ford 3G Series 85-95A IR/IF Alternators
Used On: (2005-89) Ford, Ford Truck, Lincoln, Mazda, Mercury
Lester Nos: 7749, 7750, 7755, 7758, 7785, 7794
Dim: Frame OD: 135mm
Mtg. Hole: M8 x 1.25
Note: Used w/ 6-100-84 ball bearing



22-207
S.R.E. Frame

For: Ford 3G Series 75-95A IR/IF Alternators
Used On: (2000-91) Ford, Mercury
Unit Nos: Ford F0CZ-10346-A, -C; F23Z-10346-A, F6PZ-10346-UA, F7CZ-10346-CB
Lester Nos: 7751, 7760, 7793
Dim: Frame OD: 135mm
Mtg. Hole: M8 x 1.25
Mtg. Foot Hole Size: M10 x 1.50
Note: Used w/ 6-100-84 ball bearing
Components:
46-2550 Mounting Bushing



22-209
S.R.E. Frame

For: Ford 3G Series 95A IR/IF Alternators
Used On: (2005-91) Ford, Lincoln, Mercury
Unit Nos: Ford F1PU-10346-AC, F1VU-10300-BB, F1VU-10300-BB REV 02, F1VU-10300-BC, F1VU-10346-AD, F1VY-10346-A, F1VY-10346-B, F3VU-10300-AA, F6PZ-10346-RA, F7UU-10300-AB
Lester Nos: 7753, 7790
Dim: Frame OD: 135mm
Mtg. Hole: M6 x 1.0
Mtg. Hole: M8 x 1.25
Note: Used w/ 6-100-84 ball bearing

3G Series (Large Frame)



22-208
S.R.E. Frame

For: Ford 3G Series 130A IR/IF Alternators
Used On: (2004-90) Ford, Ford Truck, Lincoln, Mazda, Mercury
Unit Nos: Ford 97BB-10300-AC, F0DF-10300-BA; F0DU-10300-BB, -BC; F0DZ-10346-B, -C, -E; F0PU-10346-AD; F1DU-10300-AD, -AE; F1DU-10346-AE; F1DZ-10346-A, -B; F1PU-10346-BE; F2PU-10346-AF, -DE; F2TU-10300-AF, F2TU-10346-AE; F2UU-10300-BE, -DC, -FA; F2UU-10346-BE, F2UZ-10346-B, F37U-10300-AA, F3HT-10300-LA, F3HZ-10346-B, F3PU-10346-BA; F3UU-10300-AE, -AF; F3UZ-10346-A, F4DU-10300-CA, F4PU-10346-BA, F4PZ-10346-B, F4SU-10300-AB, F4ZU-10300-DA; F58U-10300-AA, -AB; F58Z-10346-A, F5HT-10300-BA, F5HZ-10346-E; F5PU-10346-CA, -EA; F5UU-10300-AA, -BA; F6HT-10300-MA; F6PU-10346-AF, -VA; F6PZ-10346-AF, -XA; F6UU-10300-CA, -DA, -EA, -FA; (cont'd.)

(cont'd.)
F6UZ-10346-VA, F7PU-10346-FA, F7RZ-10346-FA, XL1U-10300-BB, XU2U-10300-AA, XU2U-10346-AA
Lester Nos: 7752, 7756, 7768, 7771, 7777, 7778, 7792, 8267
Dim: Frame OD: 148mm
Mtg. Hole: M8 x 1.25
Note: Used w/ 6-100-84 ball bearing



22-210
S.R.E. Frame

For: Ford 3G Series 130A IR/IF Alternators
Used On: (2005-92) Ford, Lincoln, Mercury
Unit Nos: Ford 2C2U-10300-BB, 2L3U-10300-BB, 96BB-10300-AB; F3AU-10300-AC, -BA, -CA; F3AU-10346-AC, F3AZ-10346-A, F3DU-10300-BB, F3DZ-10346-B; F3PU-10346-AC, -CA; F4DU-10300-BA, -DA; F4PU-10346-DA, F4PZ-10346-D, F5AU-10300-AA, F5PU-10346-BA; F5RU-10300-BC, -BC; F5RZ-10346-B, F65U-10300-BB; F6AU-10300-AA, -AB; F6AZ-10346-AA, F6DU-10300-FA, F6PU-10300-AAA; F6PU-10346-AAA, -AAE, -BA, -EB; F6PZ-10346-AE, -B, -EA; F6RZ-10346-BB; F6ZU-10300-AA, -AB; F75U-10300-CA, F7AU-10300-AA, F7AZ-10346-AA, F7PU-10346-KA, F7PZ-10346-KA; F7UU-10300-BB, -CB; F8DU-10300-AA, F8PZ-10346-CA, F8ZU-10300-BA; XL3U-10300-BA, -BB; XS9Z-10346-AB
Lester Nos: 7764, 7765, 7770, 7775, 7776, 7784, 7791
Dim: Frame OD: 148mm
Mtg. Hole: M6 x 1.0
Mtg. Hole: M8 x 1.25
Note: Used w/ 6-100-84 ball bearing
Features:
Wide regulator plug cavity accommodates either style regulator plug harnesses



22-211
S.R.E. Frame

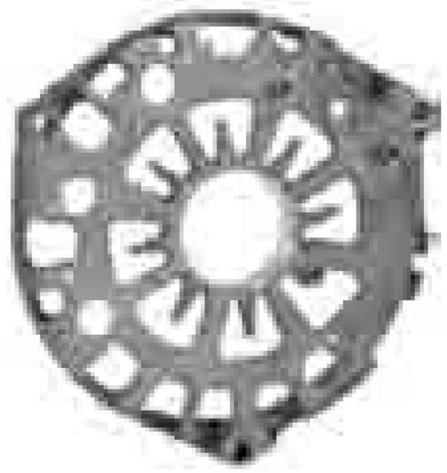
For: Ford 3G Series 130A IR/IF Alternators
Used On: (1995-94) Ford
Unit Nos: Ford F4DU-10300-AA, F4OU-10300-CA, F4PU-10346-CA, F4PZ-10346-C
Lester Nos: 7769
Dim: Frame OD: 148mm
Mtg. Hole: M8 x 1.25
Mtg. Foot Hole Size: M10 x 1.50
Note: Similar to 22-212 except 22-212 has 10mm unthreaded mounting foot. Used w/ 6-100-84 ball bearing.
Components:
46-2550 Mounting Bushing



22-212
S.R.E. Frame

For: Ford 3G Series 130A IR/IF Alternators
Used On: (1997-95) Ford, Mercury
Unit Nos: Ford 94BB-10300-AE, 94BB-10300-AF, 94BB-10300-AH, F4PU-10300-AA, F4PU-10346-AA, F5RZ-10346-A, F6RZ-10346-AA
Lester Nos: 7774, 7789
Dim: Frame OD: 148mm
Mtg. Hole: M8 x 1.25
Mtg. Foot Hole Size: 10mm
Note: Similar to 22-211 except 22-211 has M10 x 1.50 threaded mounting foot. Used w/ 6-100-84 ball bearing.
Components:
46-2552 Mounting Bushing
Features:
Wide regulator plug cavity accommodates either style regulator plug harnesses

4G Series



22-213
S.R.E. Frame

For: Ford 4G Series IR/IF Alternators
Used On: (2005-95) Ford, Lincoln, Mercury
Lester Nos: 7773, 7780, 7781, 7786, 7787, 8251
WAI Ref. Nos: 1-1904-11FD, 1-1904-12FD, 1-1988-11FD, 1-1988-12FD, 1-1993-11FD, 1-1993-12FD, 1-2012-21FD, 1-2012-22FD, 1-2024-21FD
Dim: Frame OD: 148mm
Mtg. Hole: M8 x 1.25
Mtg. Foot Hole Size: 10mm
Note: Without diodes, used in FR300-1 rectifier. Used w/ 6-203-84 ball bearing.

6G Series



22-214
S.R.E. Frame

For: Ford 6G Series 130-135A Large Frame IR/IF Alternators
Used On: (2005-98) Ford, Lincoln, Mercury
Unit Nos: Ford F8AU-10300-AB, F8AU-10300-AC, F8AZ-10346-AB, XF2U-10300-BC, XF2Z-10346-BA
Lester Nos: 7795, 8253
WAI Ref. Nos: 1-2158-31FD, 1-2338-11FD
Dim: Frame OD: 139mm
Mtg. Hole: M8 x 1.25
Note: Used w/ 10-1051-4 ball bearing

ALTERNATOR - FRAMES, S.R.E. (22-)

FORD

6G Series (cont'd.)



22-215
S.R.E. Frame
For: Ford 6G Series 105-110A Small Frame IR/IF Alternators
Used On: (2005-98) Ford, Lincoln, Mercury
Unit Nos: Ford 98AB-10300-FC, 98AZ-10346-FA; F81U-10300-BC, CC, DB, DC, EB, GA; F81Z-10346-BA, CA, DA, EA, GA; XF2U-10300-AB, XF2Z-10346-AA, XR3U-10300-AA, XR3Z-10346-AA, XR8U-10300-AE, CE; XR8Z-10346-AA, CE; XW4U-10300-BA, CC, CD; XW4Z-10346-AA, BA, CC; YF1U-10300-FA, YF1Z-10346-FA
Lester Nos: 7788, 7796, 7797, 7798, 7799, 8255, 8256
WAI Ref. Nos: 1-2172-31FD, 1-2173-11FD, 1-2178-31FD, 1-2206-21FD, 1-2209-11FD, 1-2248-31FD, 1-2248-32FD, 1-2264-31FD, 1-2265-21FD, 1-2270-31FD, 1-2348-21FD, 1-2350-11FD
Dim: Frame OD: 130mm
Mtg. Hole: M8 x 1.25
Note: Used w/ 10-1051-4 ball bearing



22-216
S.R.E. Frame
For: Ford 6G Series 105-110A Small Frame IR/IF Alternators
Used On: (2002-98) Ford, Mercury
Unit Nos: Ford 98AZ-10346-EA, 98BB-10300-CC, F8RZ-10346-CC, XS8Z-10346-BB, XS91-10300-BB
Lester Nos: 8250
WAI Ref. Nos: 1-2207-01FD, 1-2349-01FD
Dim: Frame OD: 134mm
Mtg. Ear: M8 x 1.25
Mtg. Foot: M8 x 1.25
Note: Used w/ 10-1051-4 ball bearing

HITACHI



22-8100
S.R.E. Frame
For: Hitachi IR/EF Alternators
Used On: Hino, Isuzu Truck
Unit Nos: Hitachi LR170-401, LR170-410, LR170-418B, C
Lester Nos: 14735
WAI Ref. Nos: 1-1940-01HI, 1-1940-02HI, 1-2271-01HI

LEECE-NEVILLE



22-500
S.R.E. Frame
For: Leece-Neville 2300-2700JB Series IR/EF Alternators
Replaces: Leece-Neville 79022
Unit Nos: Leece-Neville 2300J, 2301J, 2303J, 2304J, 2360J, 2500J, 2509J, 2511J, 2600J, 2670J, 2700J
Dim: 5/16-18 Mtg. Holes
1/2" Mtg. Foot Hole Size
Note: Used w/ 8-102 needle bearing
Components:
46-5551 Mounting Bushing



22-501
S.R.E. Frame
For: Leece-Neville 5500 Series ER/EF, 7600-7700JA Series IR/EF Alternators
Used On: (1997-88) Ford Ambulance (Diesel)
Replaces: Leece-Neville 71098
Unit Nos: Leece-Neville 5522AA, 5523AA, 5528A, 7600A, 7600JA, 7601A, 7601AA, 7601JA, 7602A, 7602JA, 7603A, 7604A, 7604JA, 7605A, 7605JA, 7606A, 7606JA, 7607JA, 7700JA, 7702JA, 7704JA, 7705JA, 7706A, 7706JA, 7709JA, 7710JA, 7711JA
Note: Used w/ 6203 ball bearing

MOTOROLA



22-400
S.R.E. Frame
For: Motorola / Prestolite A/8AL, HA/8HA, RA/8AR Series Alternators w/ Isolation Diode
Replaces: Motorola 14-18; Prestolite 114-18
Unit Nos: Motorola / Prestolite 8AL2001, 2002K, 2004F, 2005F, 2006F, 2007F, 2008K, 2009K, 2019F, 2020L, 2022F, 2023G, 2039K, 2071K, 3029L; 8AR2001, 2002, 2004, 2005, 2007, 2008, 2009, 2014G, 2015K, 2016K, 2017F, 2018F, 2022F, 2023K, 2024F, 2033F, 2037F, 2041F, 2044F, 2045K, 2048F, 2049K, 2050F, 2051K, 2052F, 2063F, 2074F; 8HA2002G, 2003F, 2004G, 2005K, 2006F; A12N451, 451D, 452, 525, 550, 550D, 600, 600D, 600T, 601, 601D, AM451, AM453, AM455, AM456, AM457, AM551, AM552, AM553, AM603, AM604, AM605, AM606, AM607, CC453, CC454, CC603, CC604, CH553, CH606, CH607, FT600, JD451, JD452, JD454, JD602, JD603, TK451, TK451R, TK452, TK551, TK552, TK601, TK602, W525, W526, W527, W528, W529, W551, W552, W553, (cont'd.)

(cont'd.)
W554, W601, W602, WC451, WM451; A12P451, 550, 600, PW554, W554; A24N900, 900D, 901, 901D, CD900, JD900, W901, WM901; HA12N451, N550, N600, N850, P550, P600; HA24N900, PH601, RA12N451D
Lester Nos: 7091, 7092, 7094, 7095, 7097, 7099, 7391
Note: With 10-24 mtg. holes to accept 'piggyback' regulators.
Used w/ 6200 ball bearing.

NIPPONDENSO



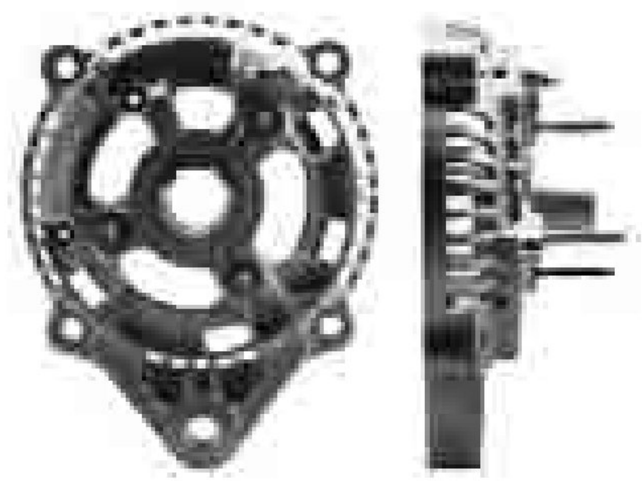
22-8201
S.R.E. Frame

For: Nippondenso 90A ER/IF Alternators
Used On: (1989-85) Chrysler, Dodge, Plymouth
Unit Nos: Nippondenso 121000-300, 121000-330, 121000-331, 121000-333, 121000-334, 121000-336
Lester Nos: 13184, 13185, 13256, 13305
WAI Ref. Nos: 1-1490-01ND, 1-1490-02ND, 1-1490-03ND, 1-1531-01ND
Dim: M5 x 0.8 Mtg. Arm Studs
10mm Mtg. Foot Hole Size
Note: Used w/ 10-2021-4 ball bearing
Components:
46-82150 Stud - Bearing Retainer
46-82151 Stud - Mounting Arms
46-82554 Mounting Bushing
85-1209 Screw - Bearing Retainer



22-8202
S.R.E. Frame

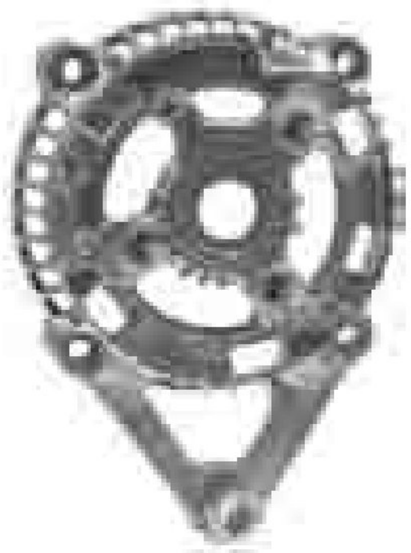
For: Nippondenso 90A ER/IF Alternators
Used On: (1998-90) Chrysler, Dodge, Jeep, Plymouth
Unit Nos: Nippondenso 121000-337, 121000-338, 121000-339, 121000-340, 121000-341, 121000-343, 121000-344, 121000-345, 121000-346, 121000-347, 121000-353
Lester Nos: 13245, 13306, 13307, 13312, 13341, 13353, 13354, 13442
WAI Ref. Nos: 1-1503-01ND, 1-1503-02ND, 1-1503-03ND, 1-1503-04ND, 1-1503-05ND, 1-1503-06ND, 1-1510-01ND, 1-1511-01ND, 1-1527-01ND, 1-1527-02ND, 1-1527-03ND
Dim: M6 x 1.0 Mtg. Arm Studs
10mm Mtg. Foot Hole Size
Note: Used w/ 10-2021-4 ball bearing
Components:
46-82150 Stud - Bearing Retainer
85-1209 Screw - Bearing Retainer



22-8204
S.R.E. Frame

For: Nippondenso 60-80A IR/IF Alternators
Used On: (1997-84) Acura, Geo, Honda, Isuzu, Suzuki, Toyota
Unit Nos: Nippondenso 100211-103, -104, -105, -108, -109, -111, -118, -200, -201, -203, -205, -206, -207, -210, -213, -214, -215, -250, -303, -309, -316, -317, -318, -326, -339, -340, -706, -710, -713, -733, -745, -757, -782, -971, -977, -984; 101211-019, -020, -025, -034, -053, -055, -074, -412
(cont'd.)

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Lester Nos: 13319, 13326, 13398, 13409, 13455, 13456, 13486, 13492, 13509, 13512, 13659, 13673, 13680, 14455, 14457, 14458, 14591, 14643, 14668, 14678, 14679, 14680, 14682, 14683, 14756, 14855, 14857, 14939, 14941, 14974
WAI Ref. Nos: 1-1002-01ND; 1-1007-01ND, -02ND; 1-1008-01ND, 1-1036-01ND, 1-1051-01ND, 1-1054-01ND, 1-1055-01ND; 1-1062-01ND, -02ND; 1-1077-01ND, 1-1090-01ND; 1-1166-01ND, -02ND; 1-1242-01ND, -02ND; 1-1418-01ND, 1-1831-01ND, 1-1839-01ND, 1-1892-01ND, 1-1930-01ND, 1-1935-01ND, 1-1966-01ND, 1-2051-01ND, 1-2081-01ND, 1-2148-02ND
Dim: M5 x 0.8 Mtg. Arm Studs
10mm Mtg. Foot Hole Size
Note: Used w/ 10-2021-4 ball bearing
Components:
46-82150 Stud - Bearing Retainer



22-8208
S.R.E. Frame

For: Nippondenso 90A ER/IF Alternators
Used On: (1997-93) Chrysler, Dodge, Eagle, Plymouth
Unit Nos: Nippondenso 121000-348, 121000-357, 121000-358
Lester Nos: 13443
WAI Ref. Nos: 1-1592-01ND
Dim: 10mm Mtg. Foot Hole Size
Note: Used w/ 10-2021-4 ball bearing
Components:
46-82150 Stud - Bearing Retainer
85-1209 Screw - Bearing Retainer

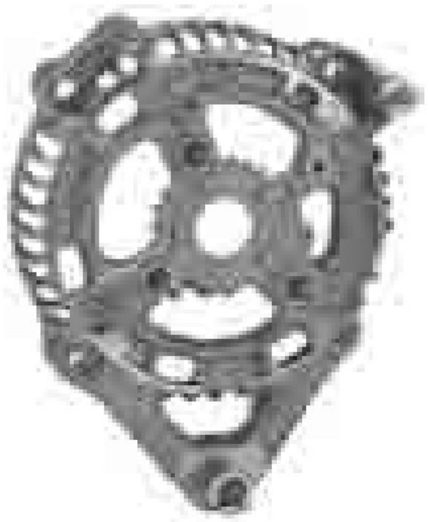
ALTERNATOR - FRAMES, S.R.E. (22-)

NIPPONDENSO (cont'd.)



22-8209
S.R.E. Frame

For: Nippondenso 50/120A ER/IF Alternators
Used On: (1989-88) Chrysler, Dodge, Plymouth
Unit Nos: Nippondenso 121000-400, 121000-401, 121000-403, 121000-409, 121000-410
Lester Nos: 13280, 13304, 13308, 13313
WAI Ref. Nos: 1-1491-01ND, 1-1491-02ND, 1-1491-03ND, 1-1491-04ND
Dim: M5 x 0.8 Mtg. Arm Studs
10mm Mtg. Foot Hole Size
Note: Used w/ 10-2021-4 ball bearing
Components:
46-82150 Stud - Bearing Retainer
46-82151 Stud - Mounting Arms
46-82554 Mounting Bushing
85-1209 Screw - Bearing Retainer



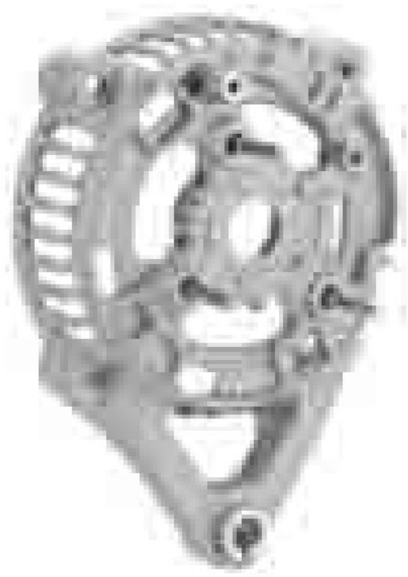
22-8210
S.R.E. Frame

For: Nippondenso 120A ER/IF Alternators
Used On: (1998-90) Chrysler, Dodge, Jeep, Plymouth
Unit Nos: Nippondenso 121000-404, 121000-405, 121000-406, 121000-407, 121000-408, 121000-412, 121000-413, 121000-415, 121000-417
Lester Nos: 13301, 13302, 13309, 13310, 13311, 13453, 13742, 13746
WAI Ref. Nos: 1-1504-01ND, 1-1504-02ND, 1-1504-03ND, 1-1504-04ND, 1-1504-05ND, 1-1504-06ND, 1-2074-01ND, 1-2087-01ND
Dim: M6 x 1.0 Mtg. Arm Studs
10mm Mtg. Foot Hole Size
Note: Used w/ 10-2021-4 ball bearing
Components:
46-82150 Stud - Bearing Retainer
85-1209 Screw - Bearing Retainer



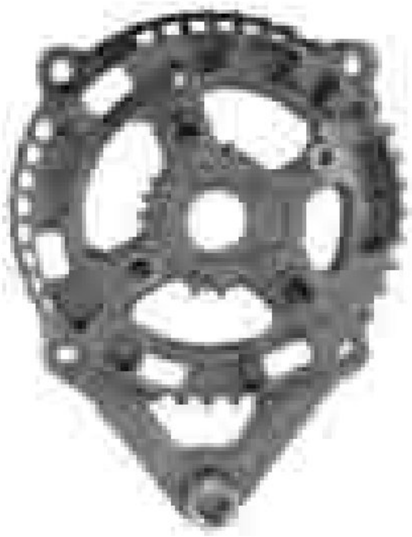
22-8220
S.R.E. Frame

For: Nippondenso 90A ER/IF Series Alternators
Used On: (2000-95) Chrysler, Dodge, Plymouth
Unit Nos: Chrysler 4609415, Nippondenso 121000-351
Lester Nos: 13578
WAI Ref. Nos: 1-1972-01ND
Dim: 10mm Mtg. Foot Hole Size
121mm Stator Bore
Note: Used w/ 10-2021-4 ball bearing.
Components:
46-82150 Stud - Bearing Retainer
85-1209 Screw - Bearing Retainer



22-8221
S.R.E. Frame

For: Nippondenso 90A ER/IF Series Alternators
Used On: (2000-96) Chrysler, Dodge, Plymouth
Unit Nos: Chrysler 4686098, 4727220; Nippondenso 121000-352
Lester Nos: 13593
WAI Ref. Nos: 1-2073-01ND
Dim: 10mm Mtg. Foot Hole Size
121mm Stator Bore
Note: 20mm L mounting bushing.
Used w/ 10-2021-4 ball bearing.
Similar to 22-8223 except 22-8223 has 30mm L mounting bushing.
Components:
46-82150 Stud - Bearing Retainer
85-1209 Screw - Bearing Retainer



22-8222
S.R.E. Frame

For: Nippondenso 136A ER/IF Alternators
Used On: (2000-99) Dodge
Unit Nos: Chrysler 56005686AB, 56027221AB; 56027913AB, AC; 56028920AA;
Nippondenso 121000-427, -428, -429, -435
Lester Nos: 13766, 13824, 13842
WAI Ref. Nos: 1-2226-01ND, 1-2227-01ND, 1-2227-02ND
Dim: 10mm Mtg. Foot Hole Size
133mm Stator Bore
Note: 30mm L mounting bushing.
Used w/ 10-2021-4 ball bearing.



22-8223
S.R.E. Frame

For: Nippondenso 117A ER/IF Series Alternators
Used On: (2003-99) Dodge, Jeep
Unit Nos: Chrysler 56005684AB, 56005685AC, 56027912AB, 56029913AA; 56041822AA, AB; Nippondenso 121000-361, 121000-362, 121000-363, 121000-367, 121000-376, 121000-378
Lester Nos: 13822, 13823, 13834, 13910
WAI Ref. Nos: 1-2224-01ND, 1-2225-01ND, 1-2285-01ND; 1-2388-01ND, -02ND
Dim: 10mm Mtg. Foot Hole Size 121mm Stator Bore
Note: 30mm L mounting bushing. Used w/ 10-2021-4 ball bearing. Similar to 22-8221 except 22-8221 has 20mm L mounting bushing.
Components:
46-82150 Stud - Bearing Retainer
85-1209 Screw - Bearing Retainer



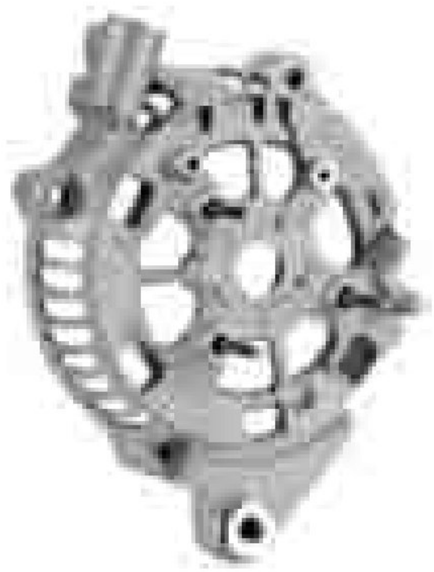
22-8224
S.R.E. Frame

For: Nippondenso 120A ER/IF Series Alternators
Used On: (2000-96) Chrysler, Dodge, Plymouth
Unit Nos: Chrysler 4609230AA, 4671320; Nippondenso 121000-421, 121000-426
Lester Nos: 13592, 13741
WAI Ref. Nos: 1-2007-01ND, 1-2056-01ND
Dim: 10mm Mtg. Foot Hole Size 133mm Stator Bore
Note: Used w/ 10-2021-4 ball bearing.
Components:
46-82150 Stud - Bearing Retainer
85-1209 Screw - Bearing Retainer



22-8225
S.R.E. Frame

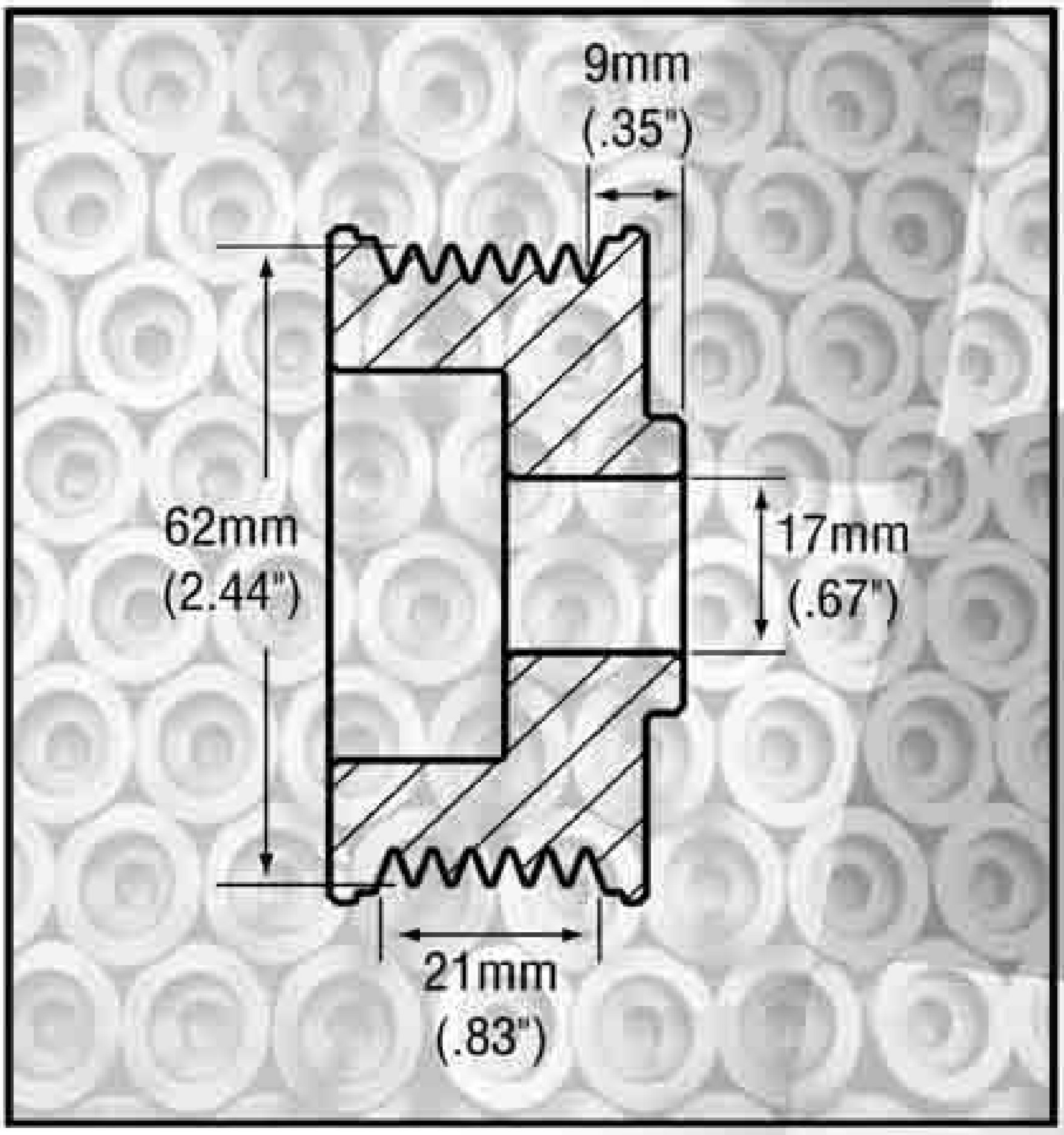
For: Nippondenso 120-140A ER/IF Series Alternators
Used On: (2001-98) Chrysler, Dodge
Unit Nos: Chrysler 4606822AA, 4609999AB, 4896123AA; Nippondenso 121000-423, 121000-437, 121000-458
Lester Nos: 13763, 13964
WAI Ref. Nos: 1-2188-01ND, 1-2289-01ND
Dim: M10 x 1.50 Mtg. Foot Hole Size 133mm Stator Bore
Note: Used w/ 10-2021-4 ball bearing.
Components:
46-82150 Stud - Bearing Retainer
85-1209 Screw - Bearing Retainer



22-8226
S.R.E. Frame

For: Nippondenso 136A ER/IF Series Alternators
Used On: (2005-99) Dodge, Jeep
Unit Nos: Chrysler 56041324, AC; 56041557AA, 56041693AC; Nippondenso 121000-292, 121000-425, 121000-454
Lester Nos: 13790, 13873
WAI Ref. Nos: 1-2286-01ND, 1-2345-01ND, 1-2497-01ND
Dim: M10 x 1.25 Mtg. Foot Hole Size 133mm Stator Bore
Note: Used w/ 10-2021-4 ball bearing.
Components:
46-82150 Stud - Bearing Retainer
85-1209 Screw - Bearing Retainer

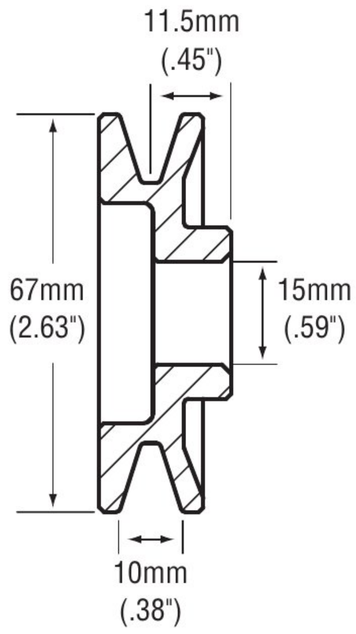
PULLEY DIMENSION CHART



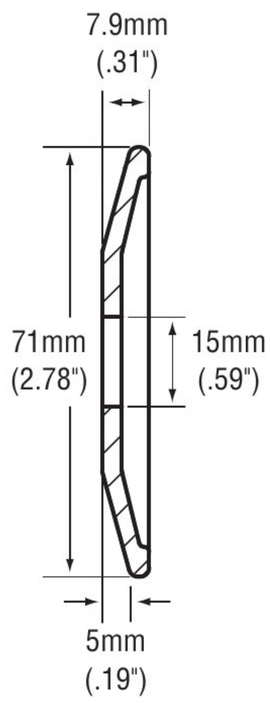
ALTERNATOR - PULLEY DIMENSION CHART

15MM BORE

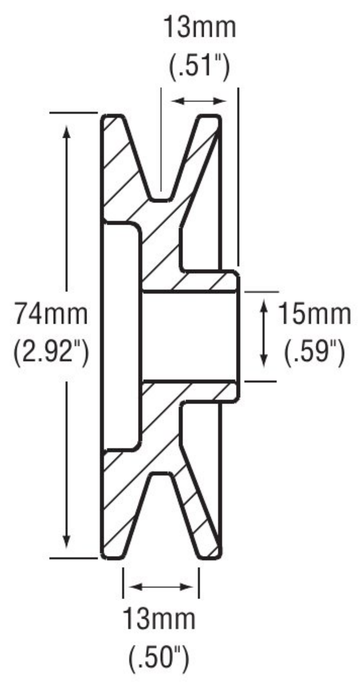
1-Groove



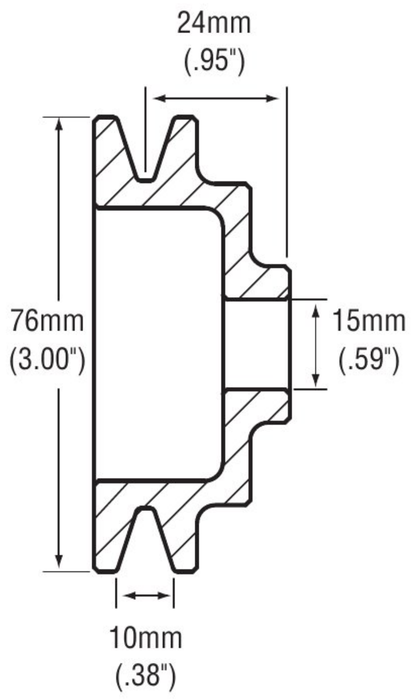
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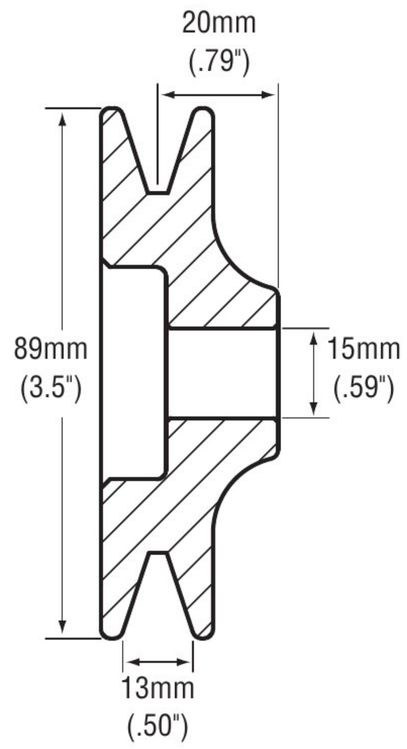
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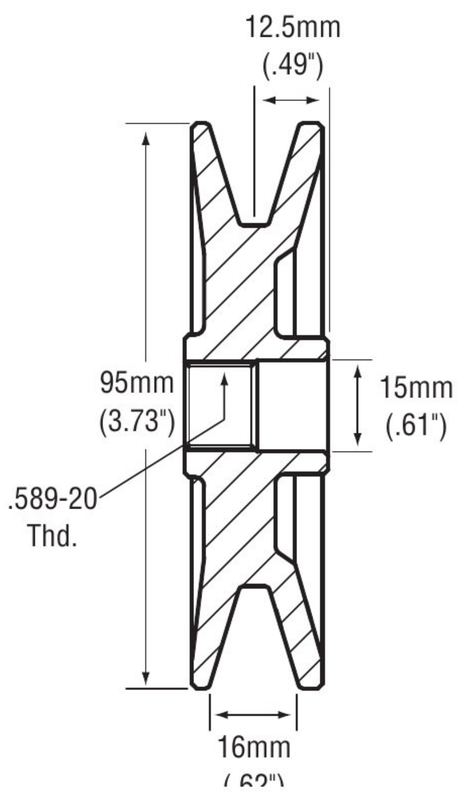
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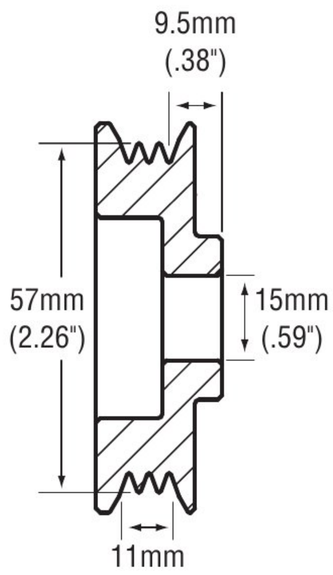


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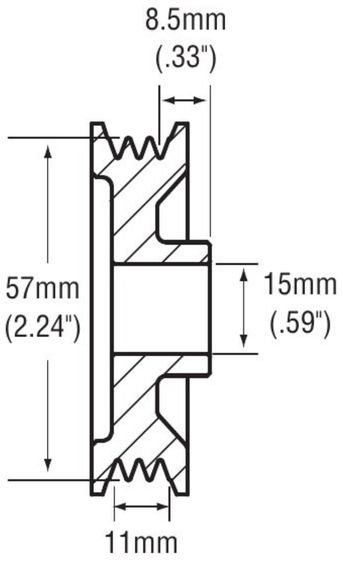


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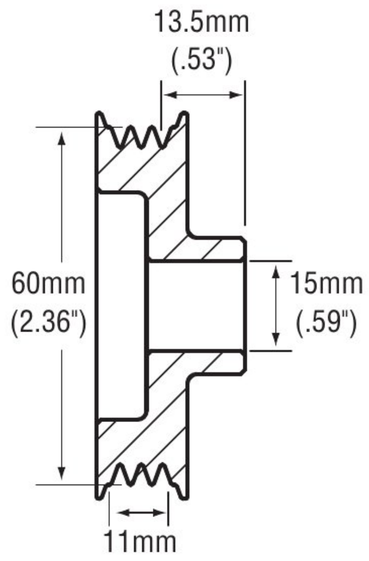
3-Groove



24-82251

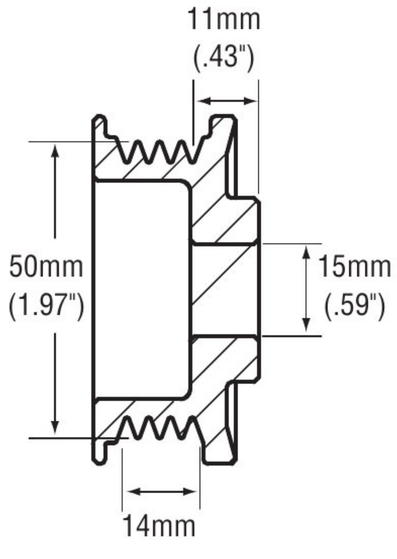


24-83251

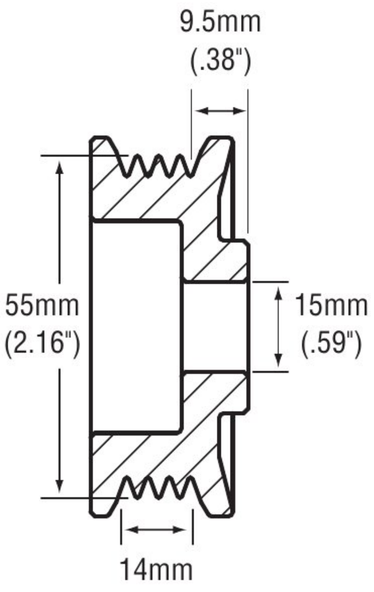


24-83250

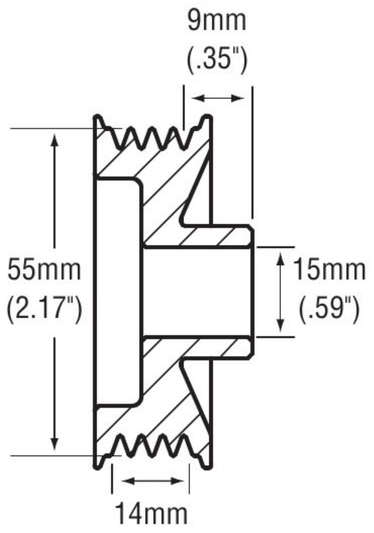
4-Groove



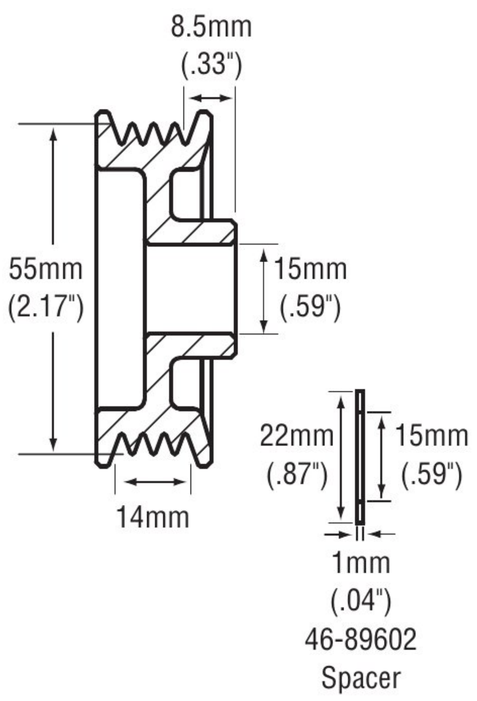
24-82264



24-82256



24-83252

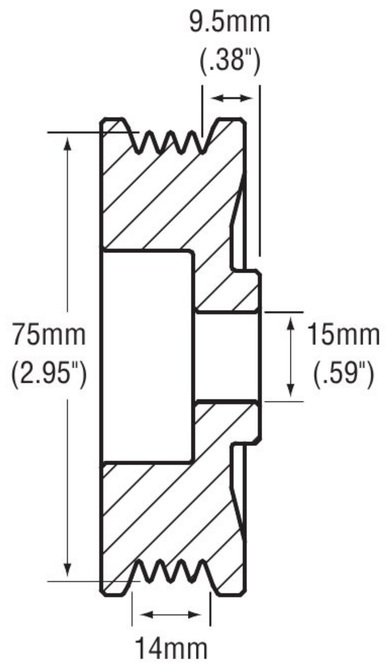


24-83265

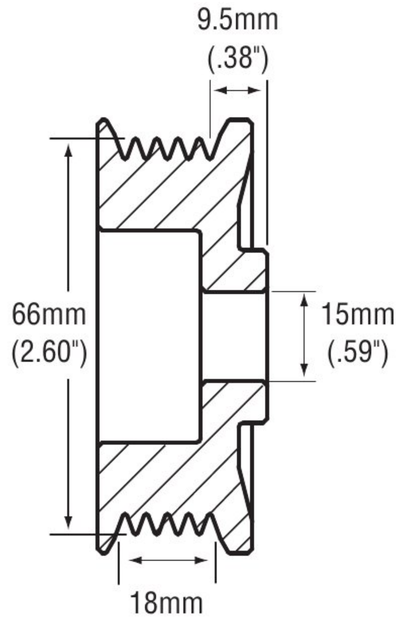
ALTERNATOR - PULLEY DIMENSION CHART

15MM BORE

4-Groove (cont'd.)

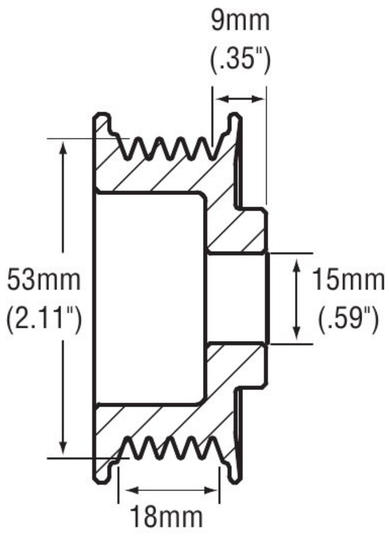


24-82254

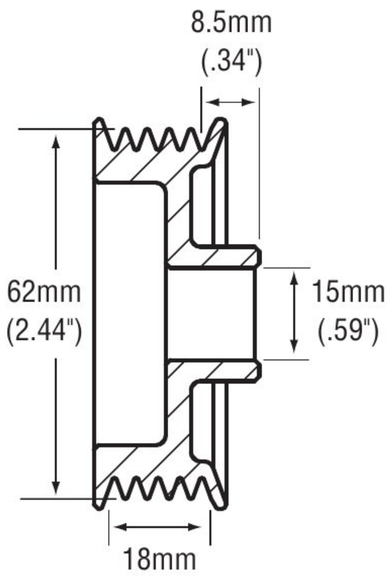


24-82257

5-Groove

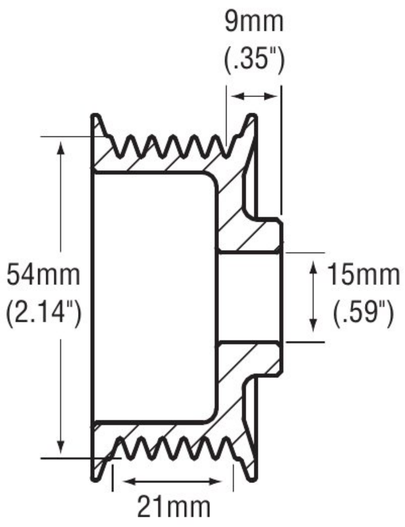


24-82265



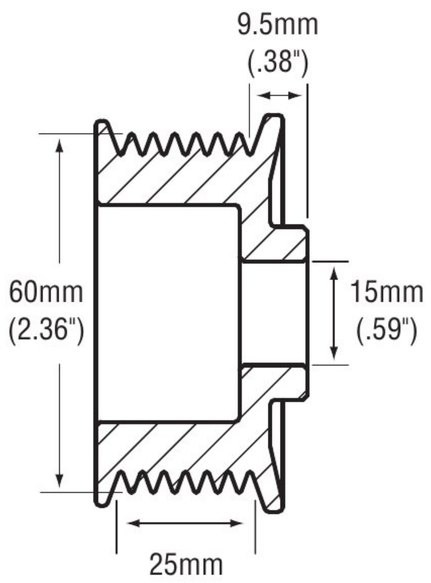
24-83267

6-Groove



24-83253

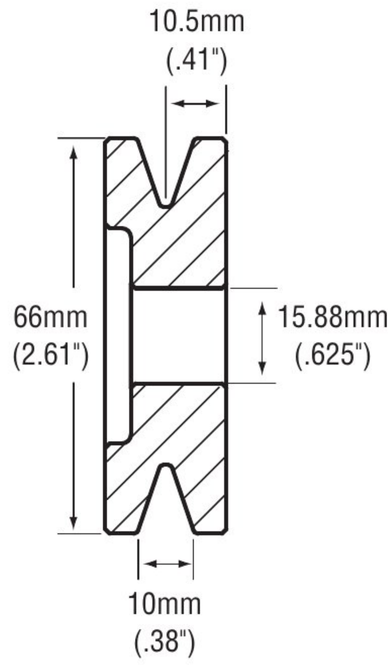
7-Groove



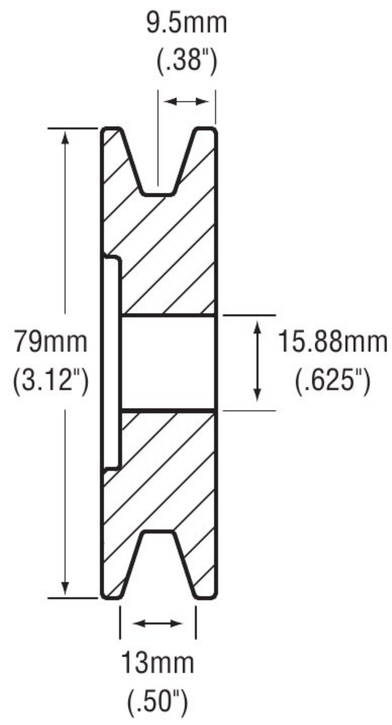
24-82253

15.88MM (5/8") BORE

1-Groove

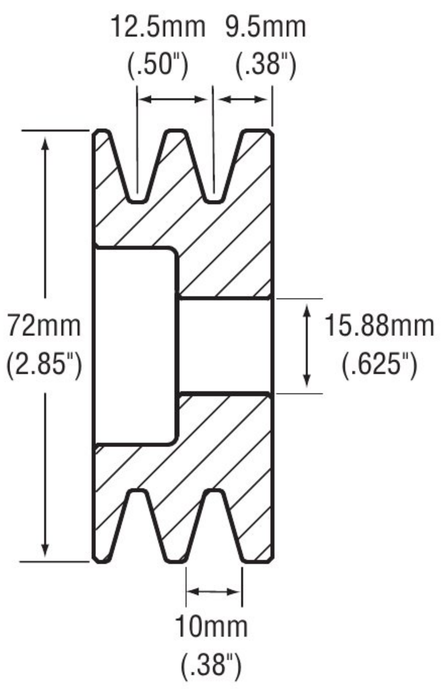


24-4103

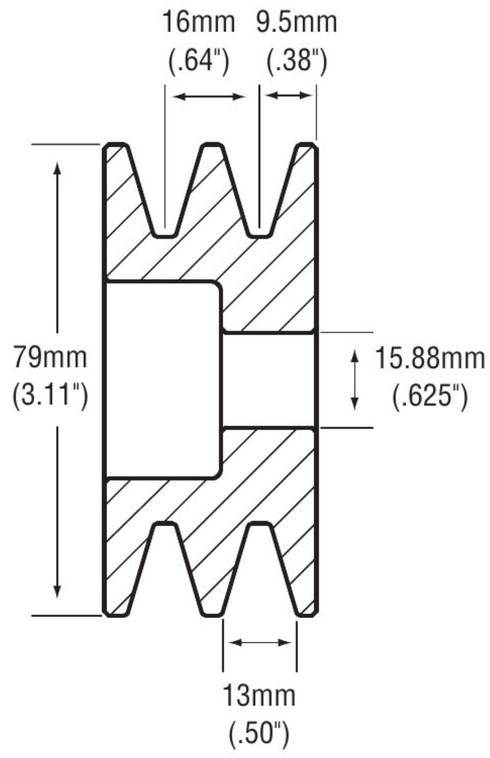


24-4100

2-Groove



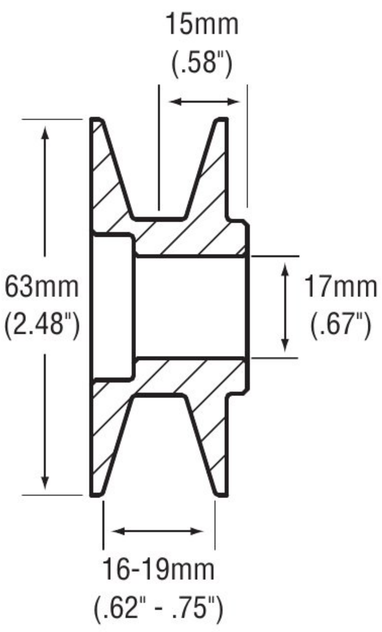
24-4101



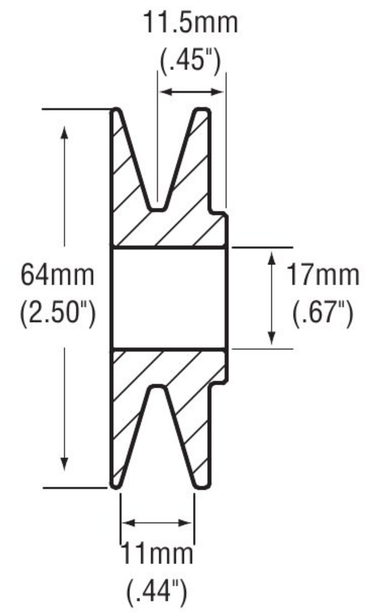
24-4102

17MM BORE

1-Groove

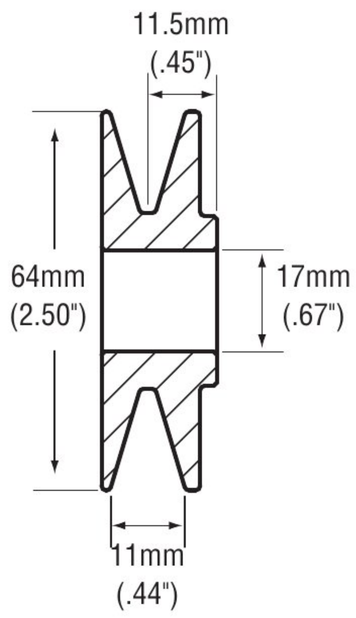


24-7100

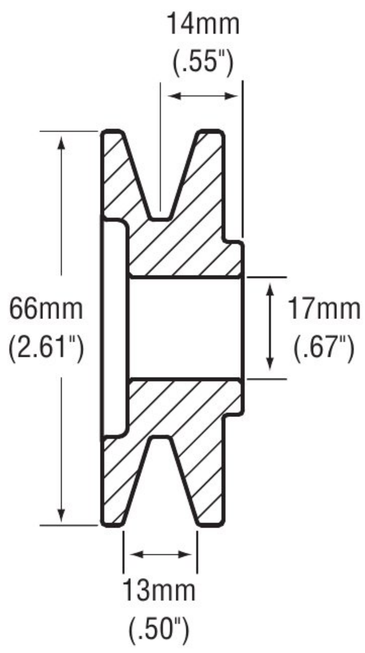


24-1111

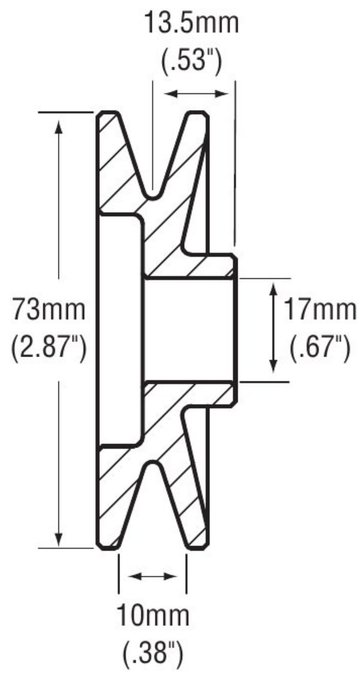
ALTERNATOR - PULLEY DIMENSION CHART



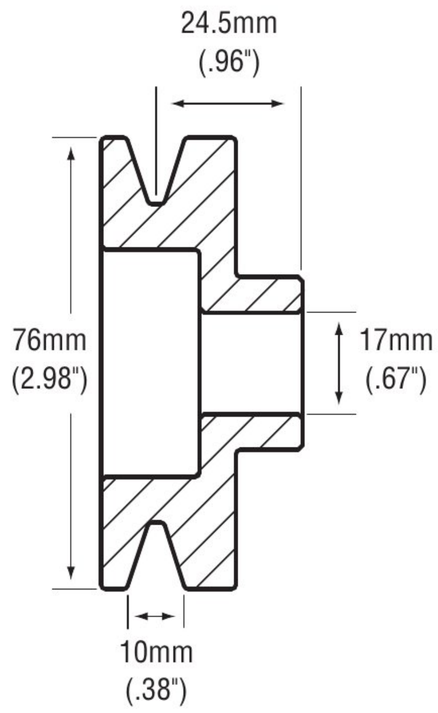
24-1111



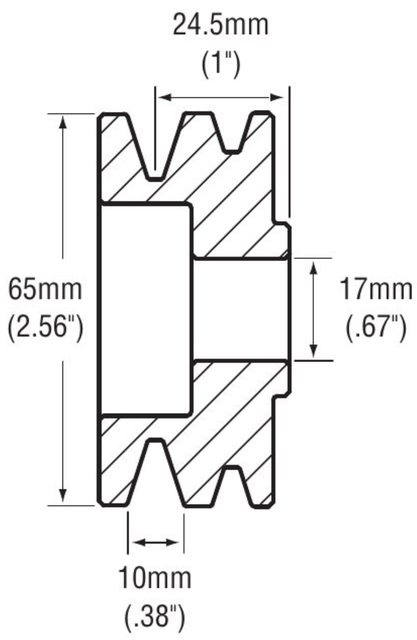
24-1109



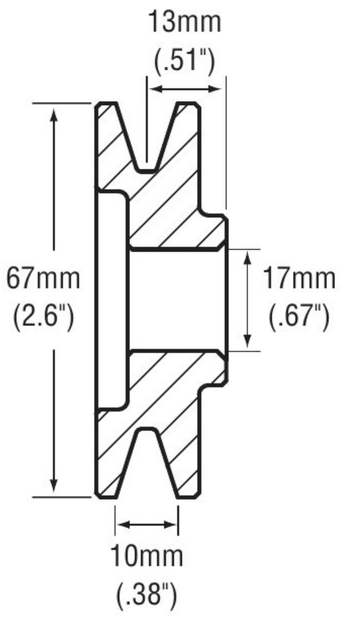
24-83104



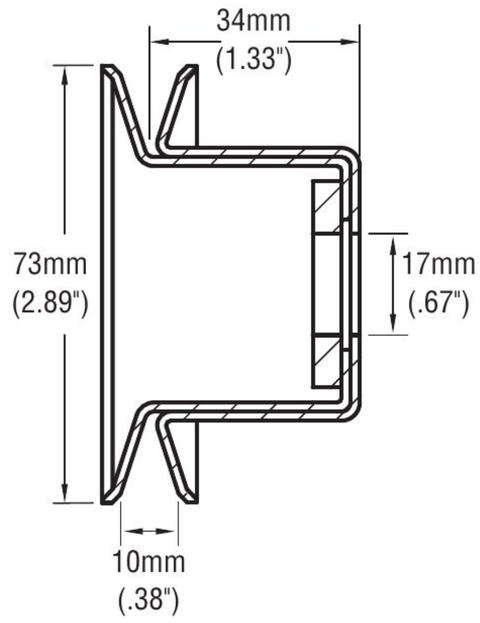
24-2104



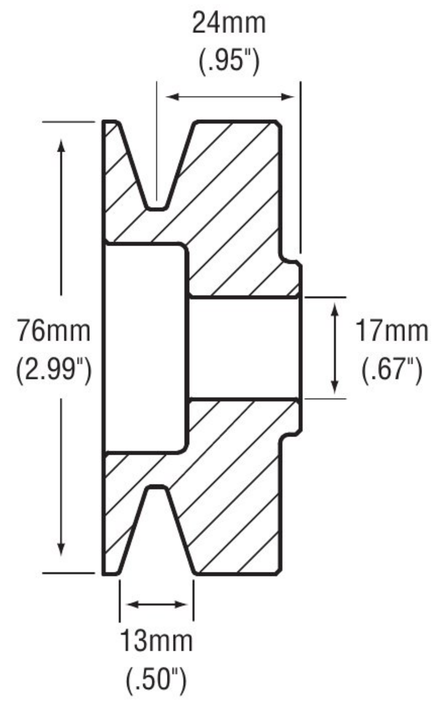
24-2102



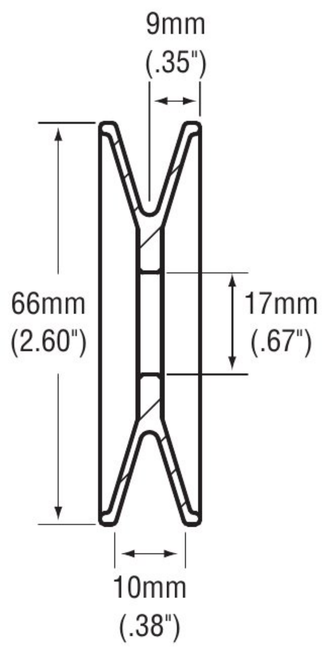
24-1100-1



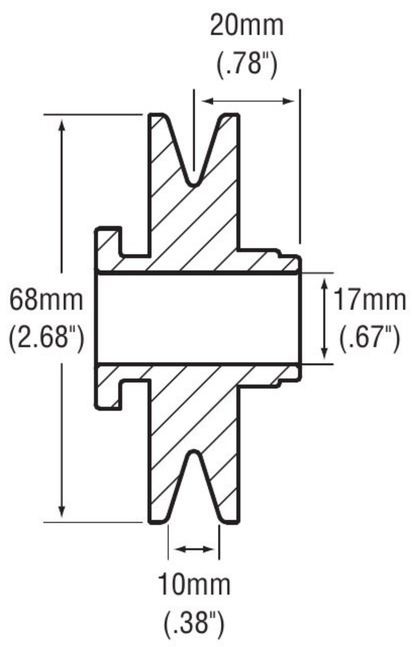
24-91100



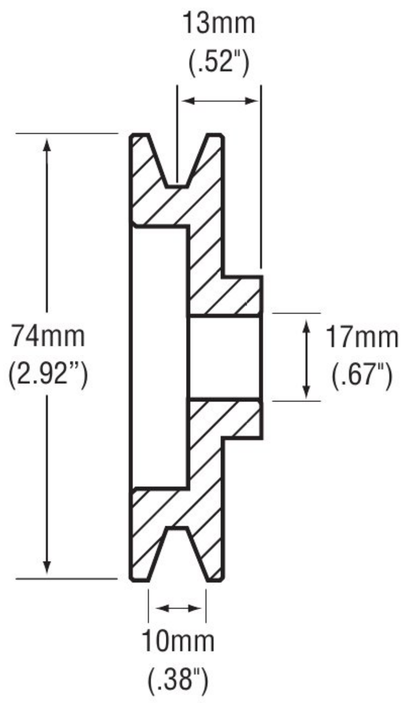
24-7101



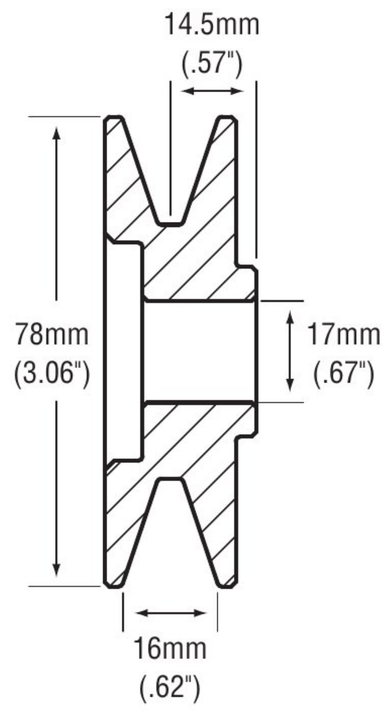
24-1103



24-3101-1



24-81103

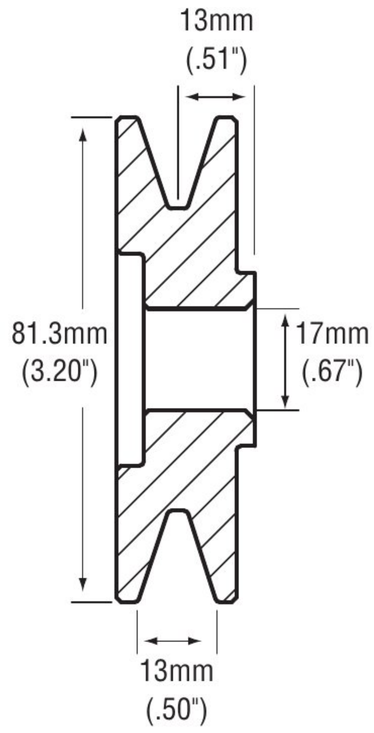


24-6100

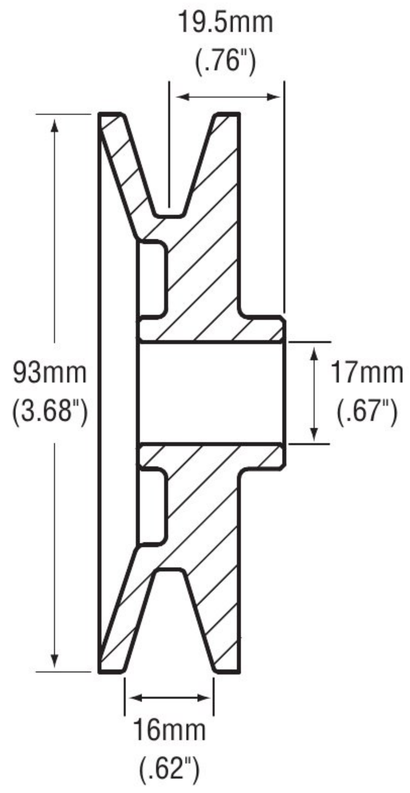
ALTERNATOR - PULLEY DIMENSION CHART

17MM BORE

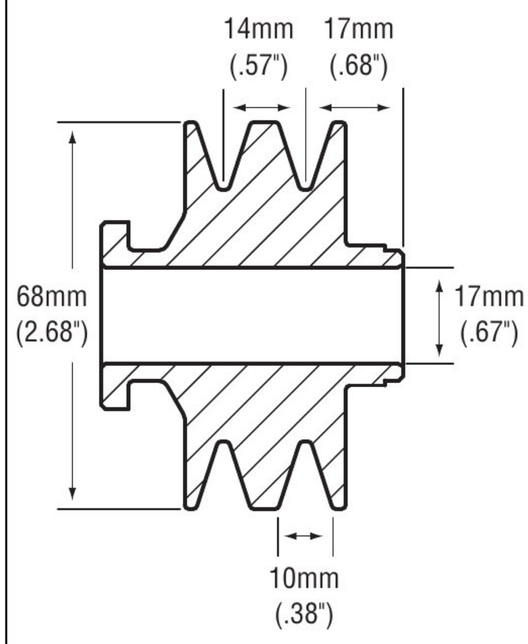
1-Groove (cont'd.)



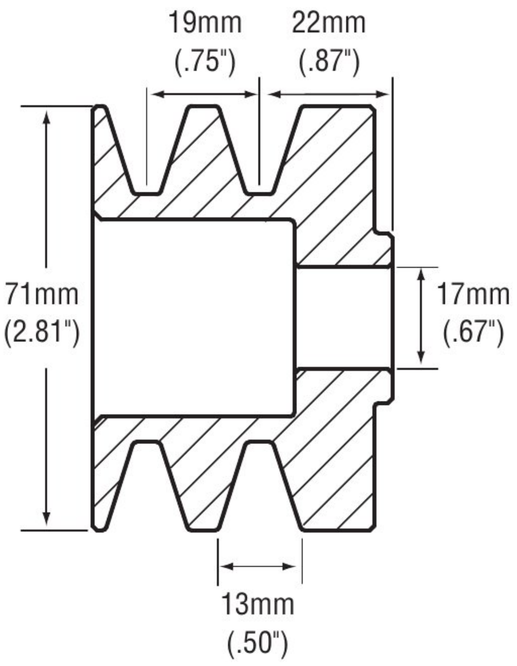
24-1104



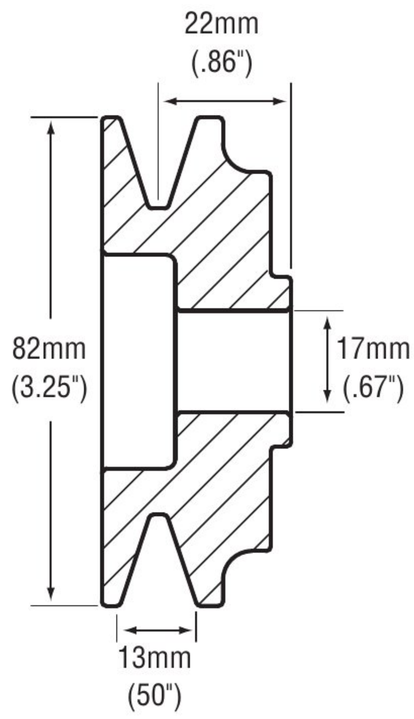
81-2702



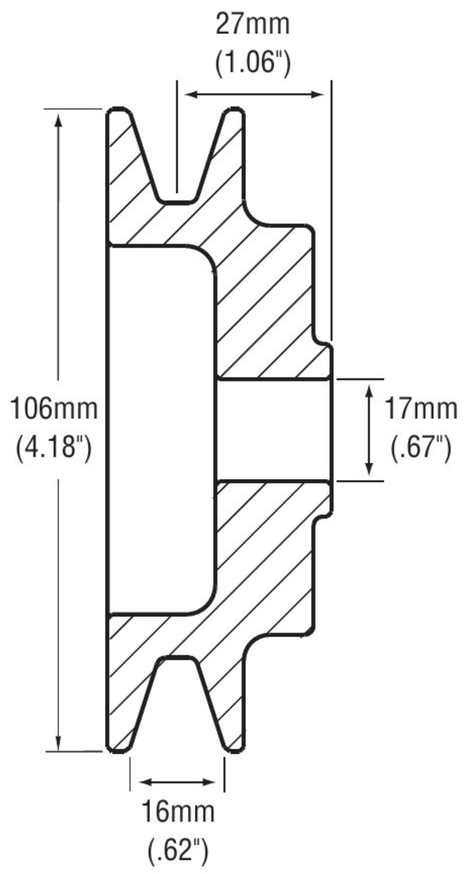
24-3103



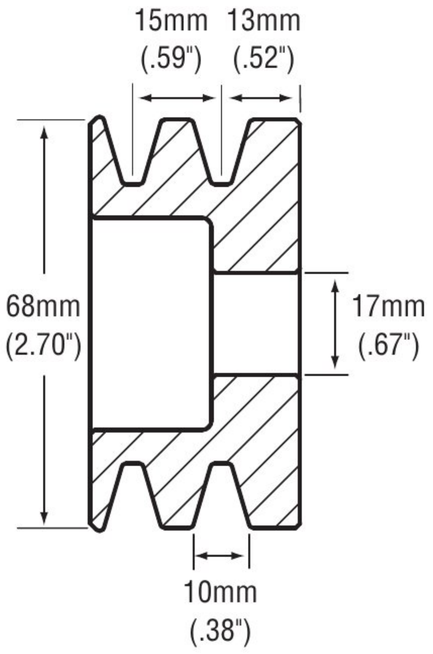
24-1102



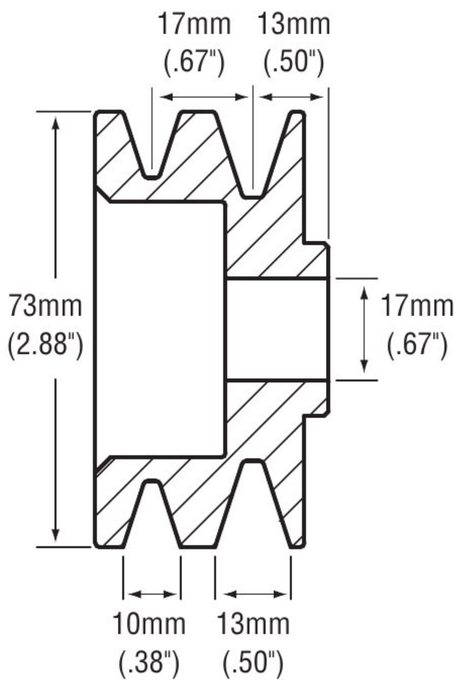
81-1700



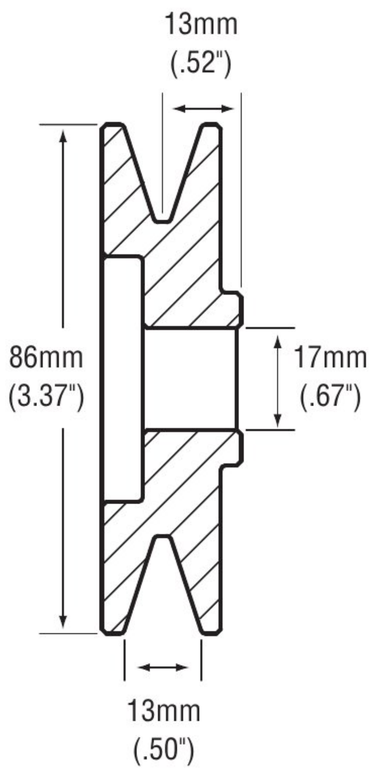
24-1105



24-82111

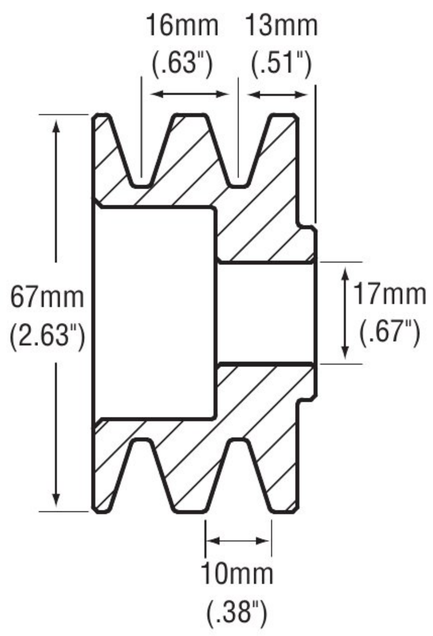


24-2105

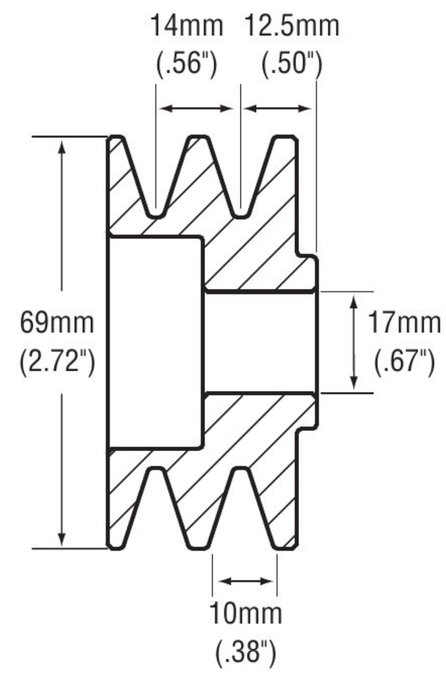


24-2100

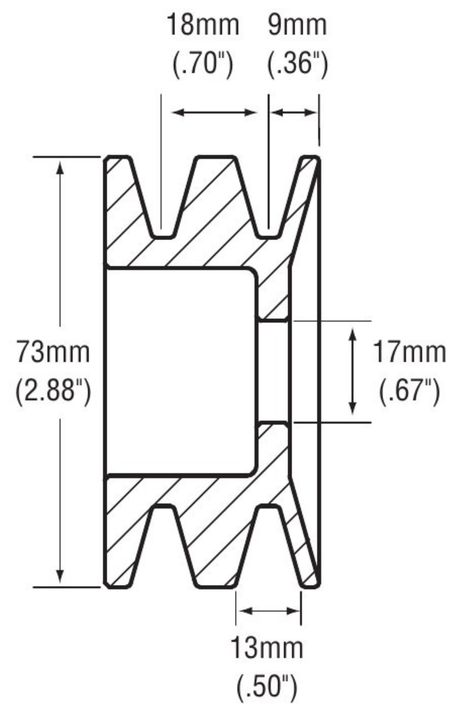
2-Groove



24-1101

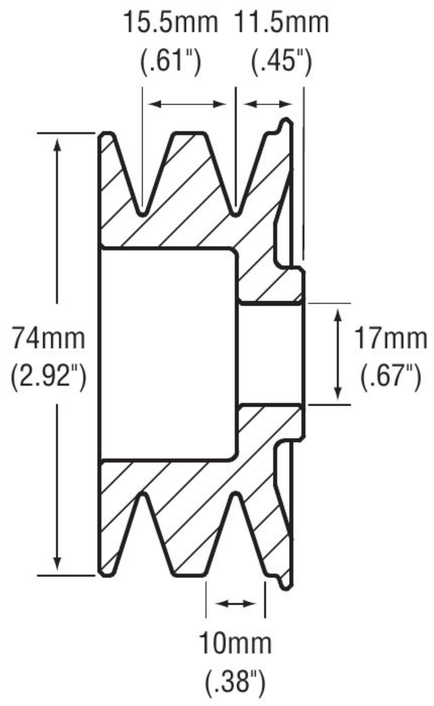


24-1110

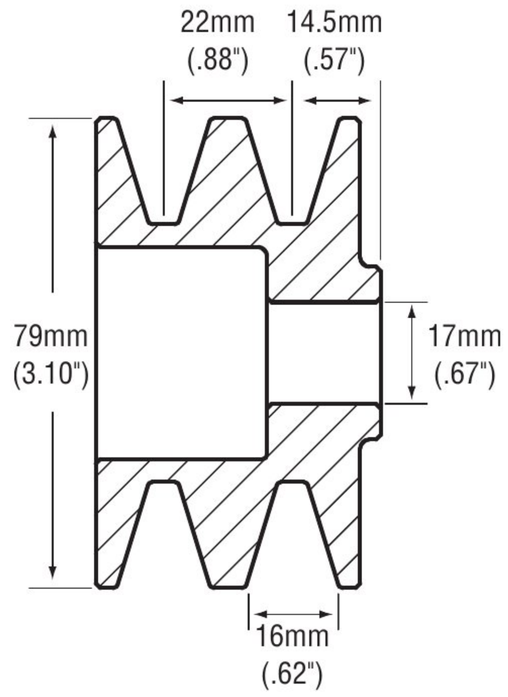


24-81101

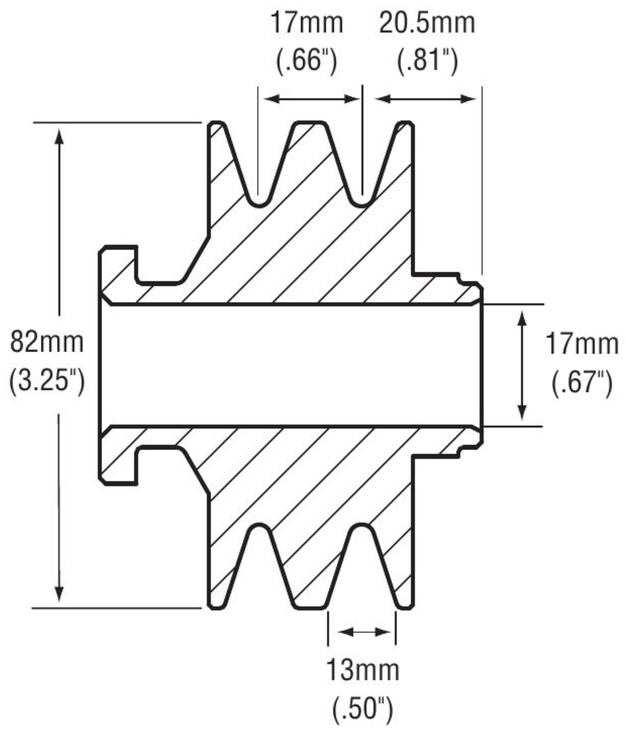
ALTERNATOR - PULLEY DIMENSION CHART



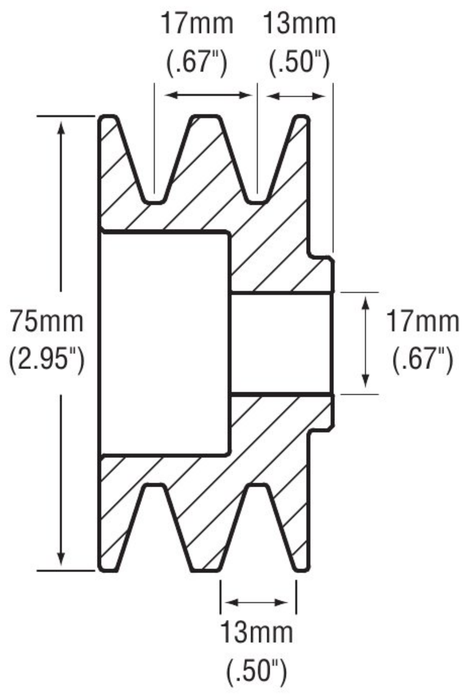
24-82108



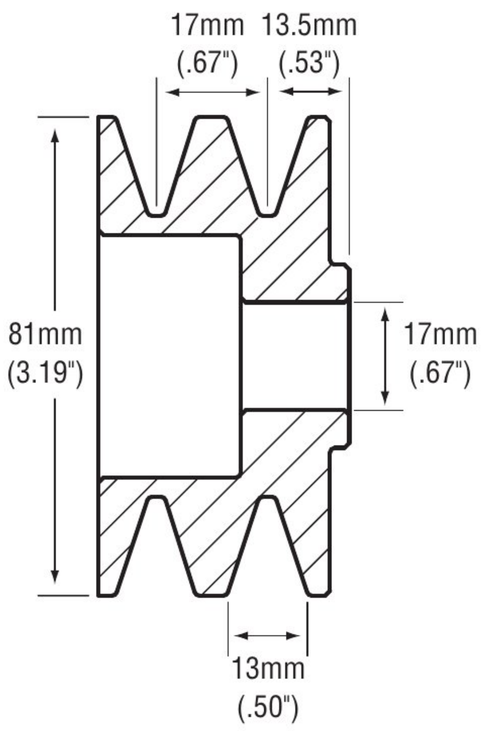
24-7102



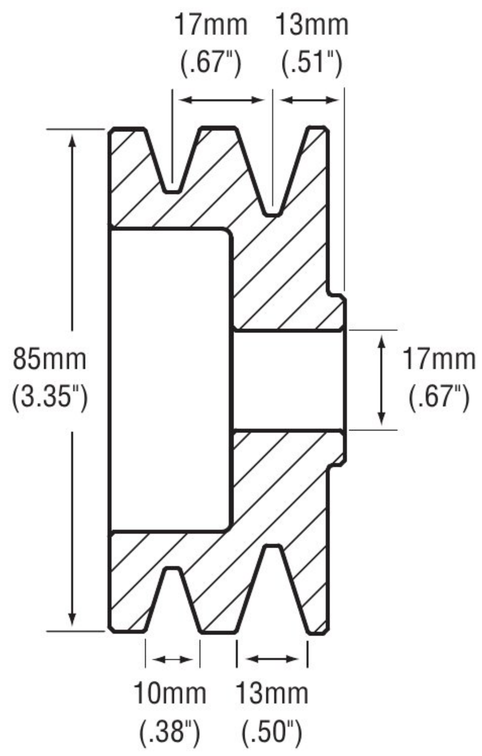
24-3102



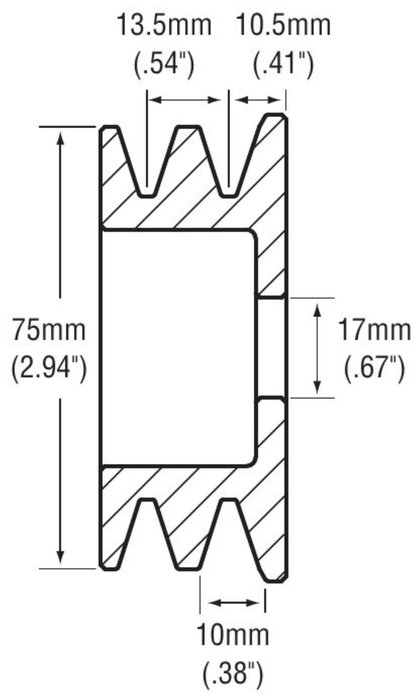
24-2106



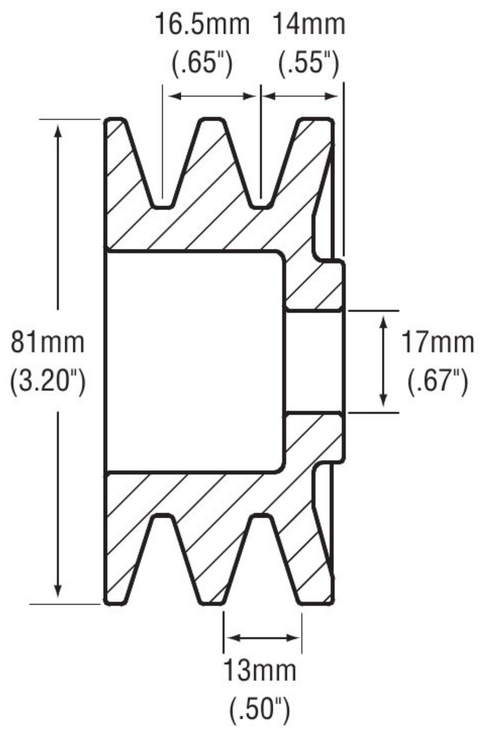
24-1107



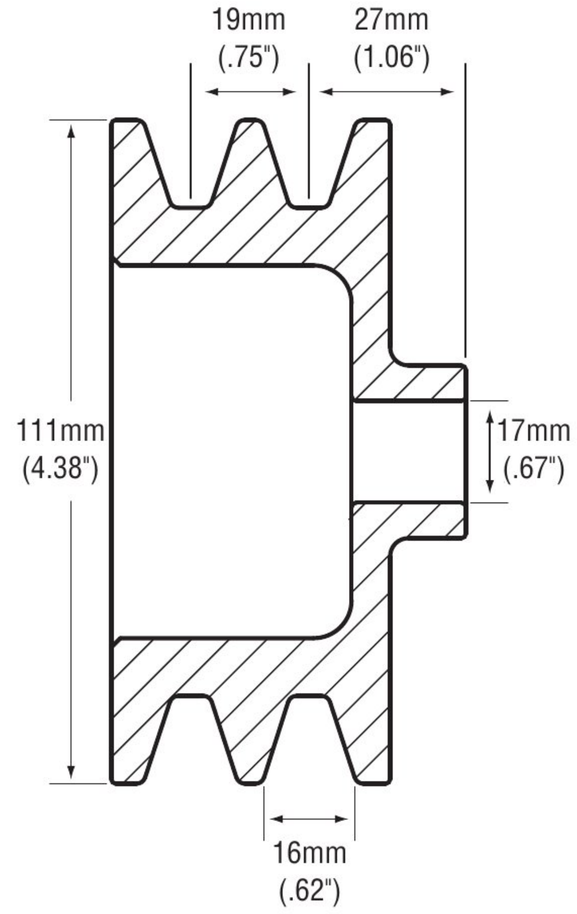
24-2103



24-3105



24-82112

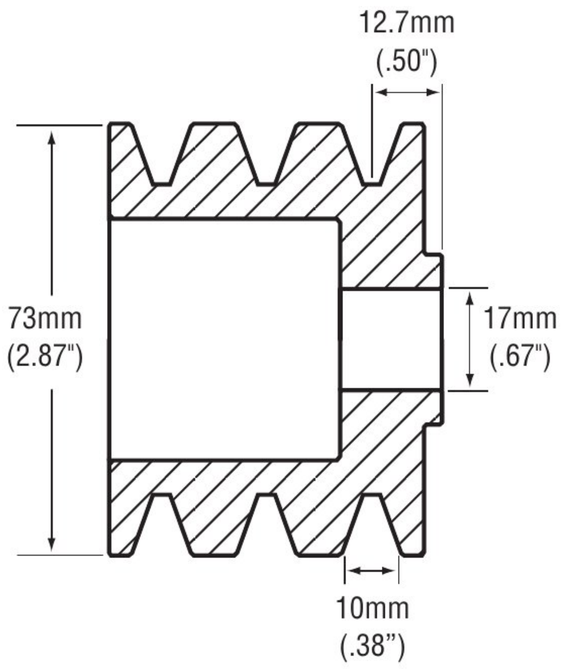


24-1106

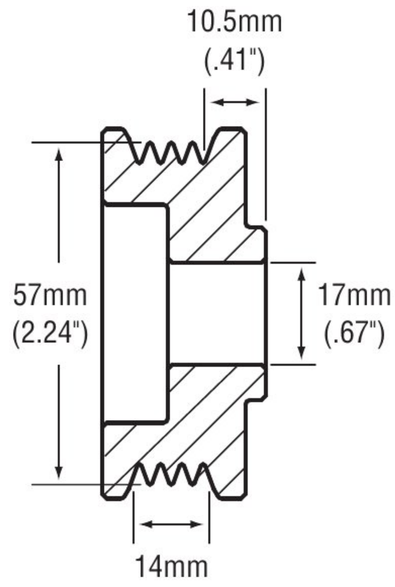
ALTERNATOR - PULLEY DIMENSION CHART

17MM BORE

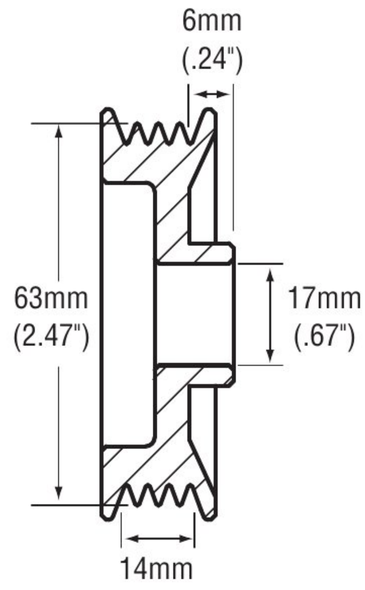
3-Groove



24-2107

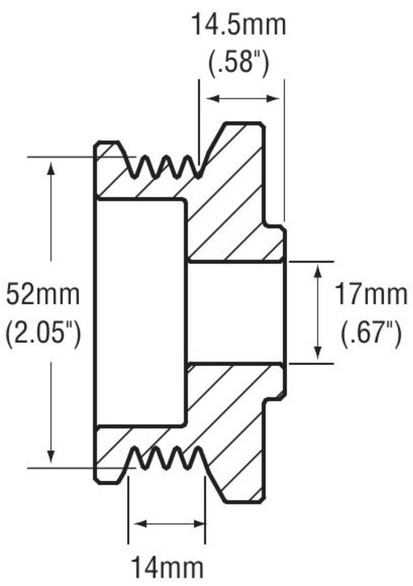


24-1264

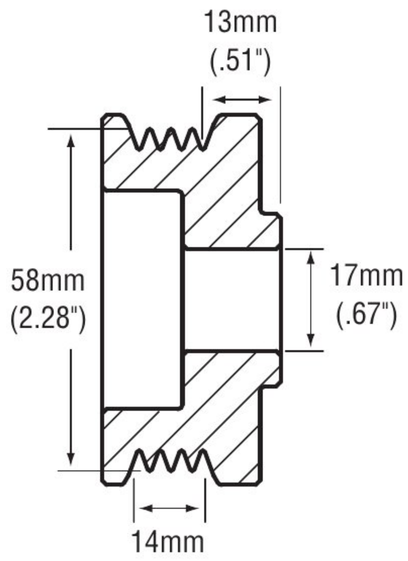


24-81250-1

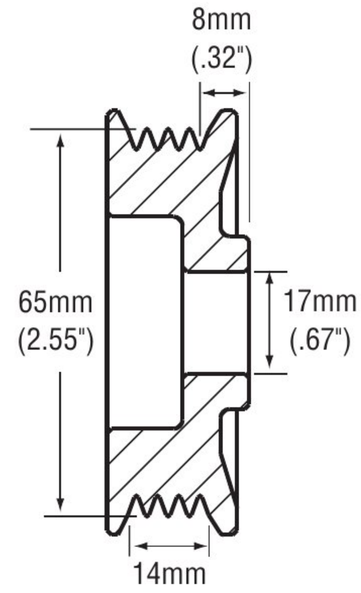
4-Groove



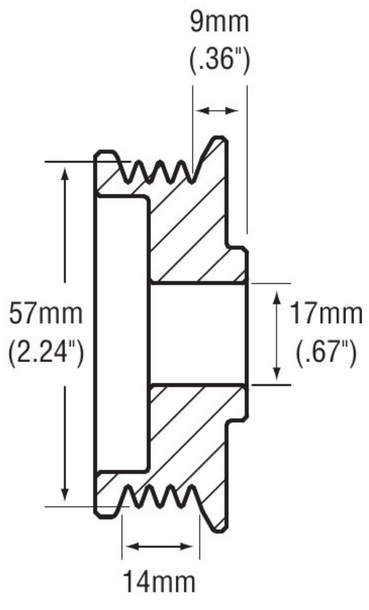
24-1253



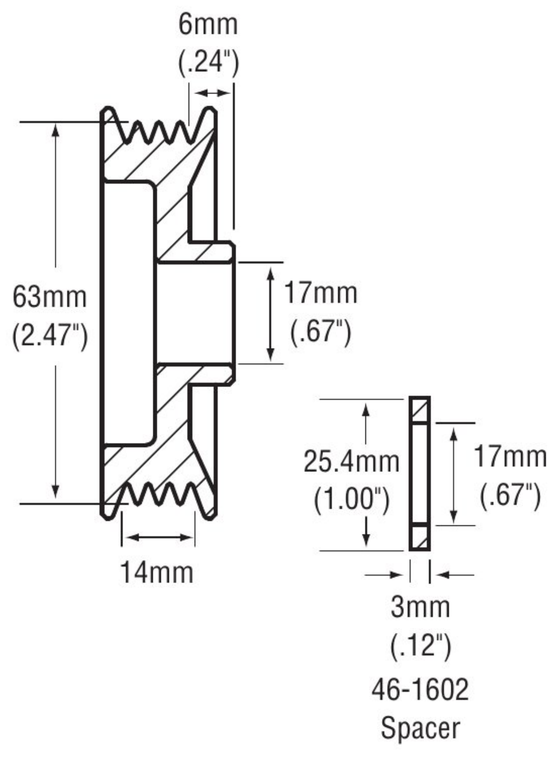
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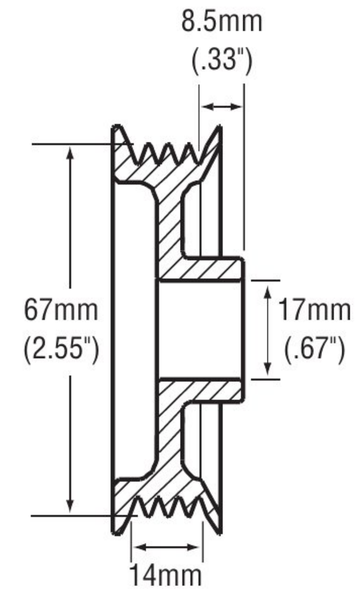
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24-1252



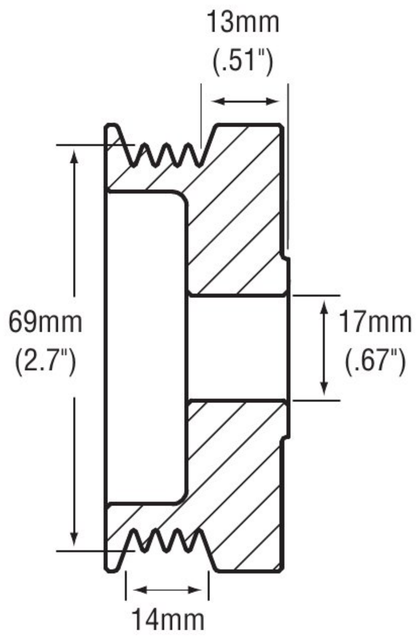
24-81250



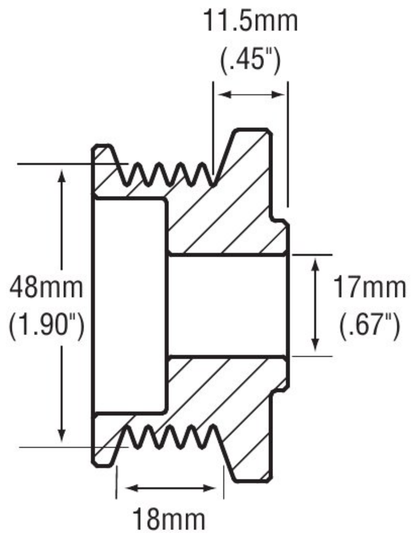
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ALTERNATOR - PULLEY DIMENSION CHART

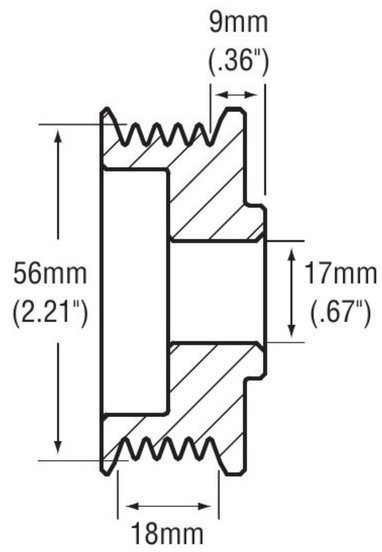
5-Groove



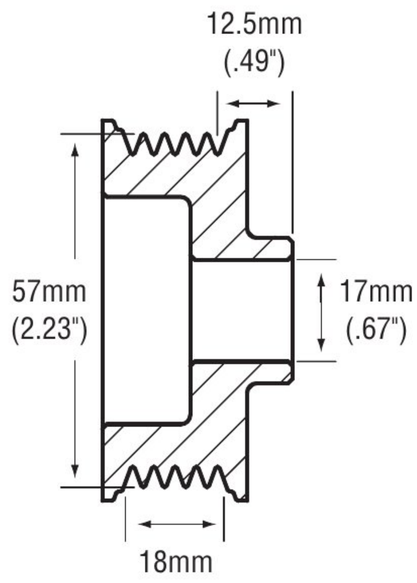
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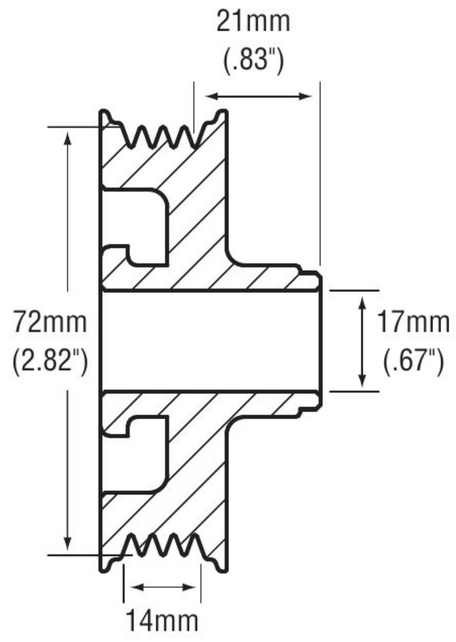
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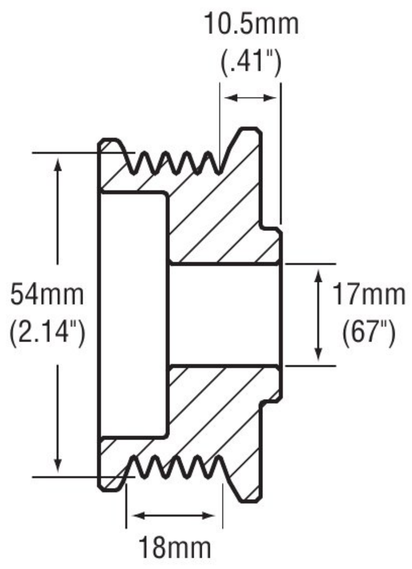
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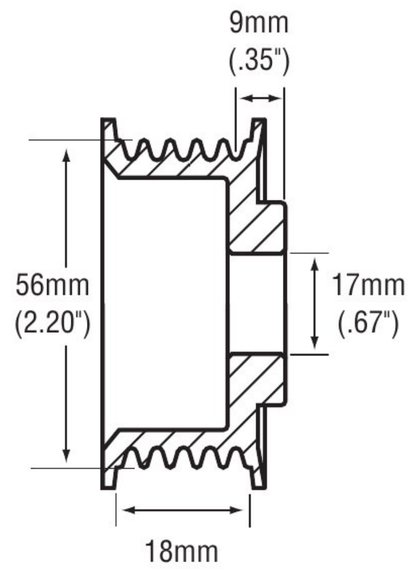
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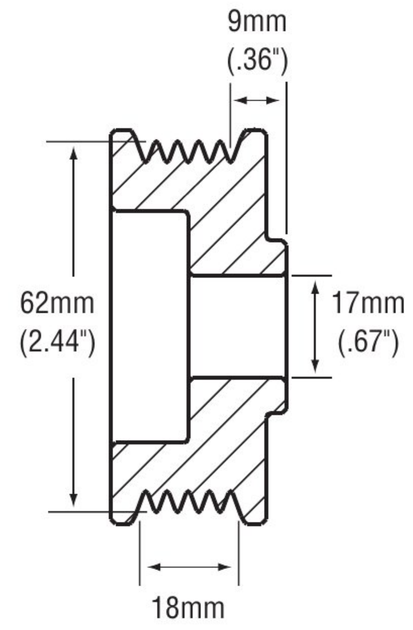
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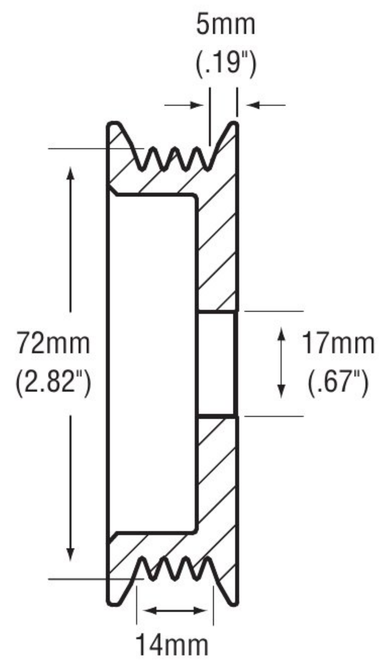
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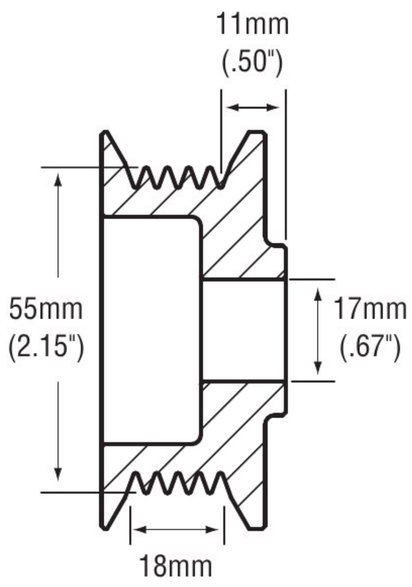
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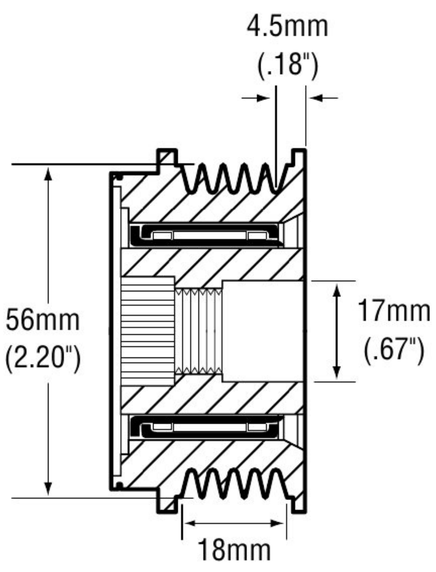
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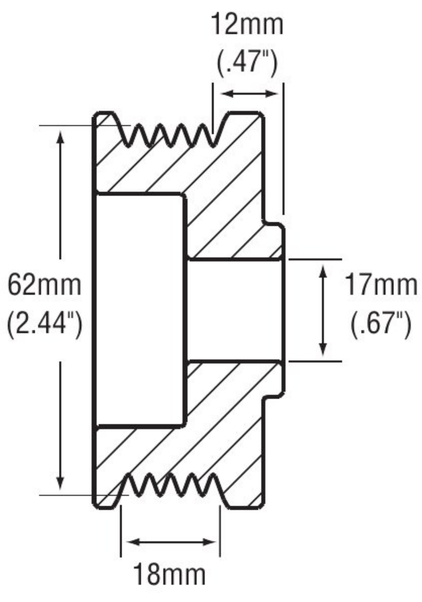
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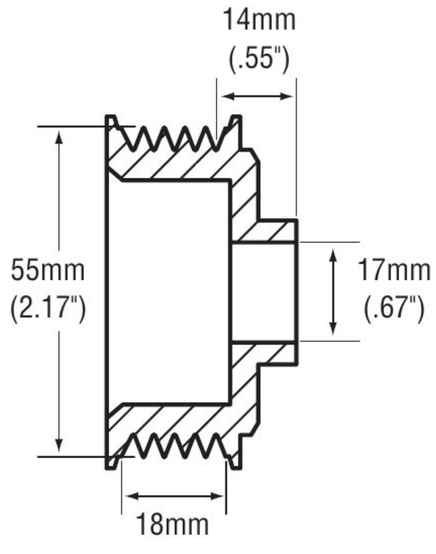
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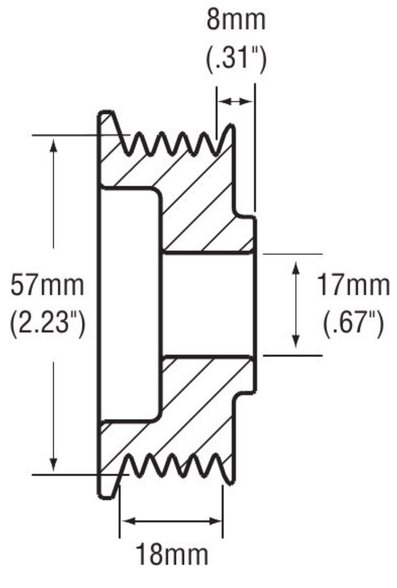
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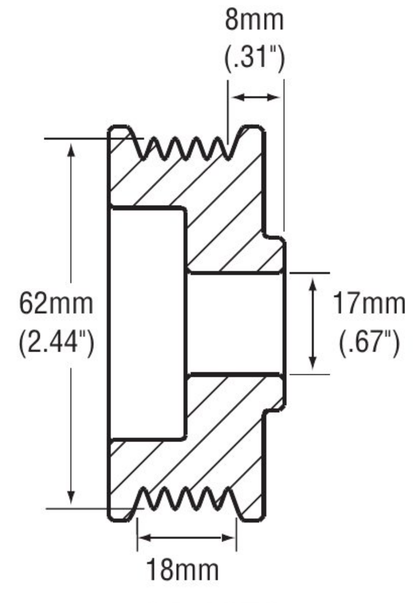
24-1265



24-81102



24-1280

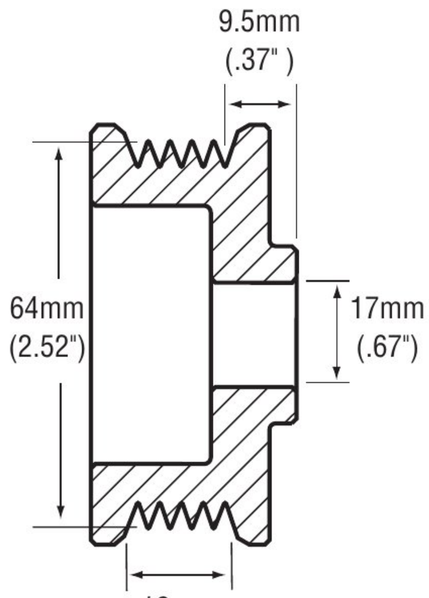


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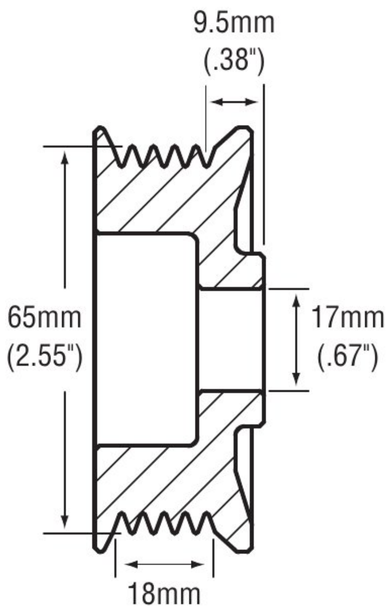
ALTERNATOR - PULLEY DIMENSION CHART

17MM BORE

5-Groove (cont'd.)

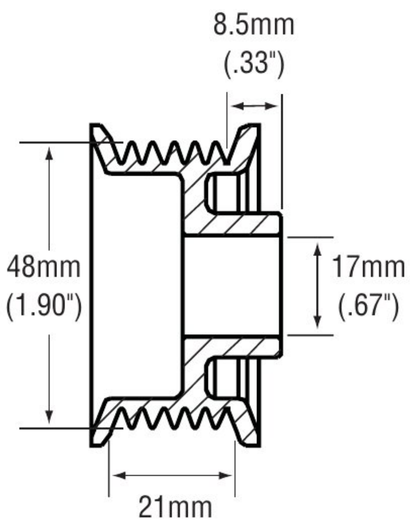


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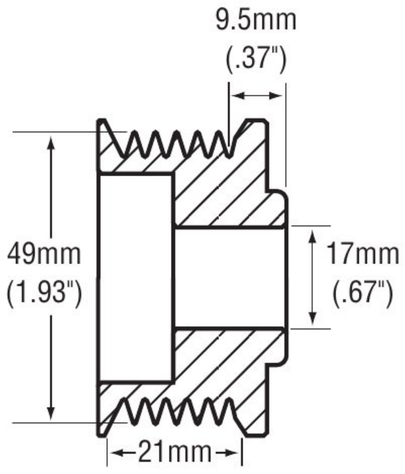


24-82259

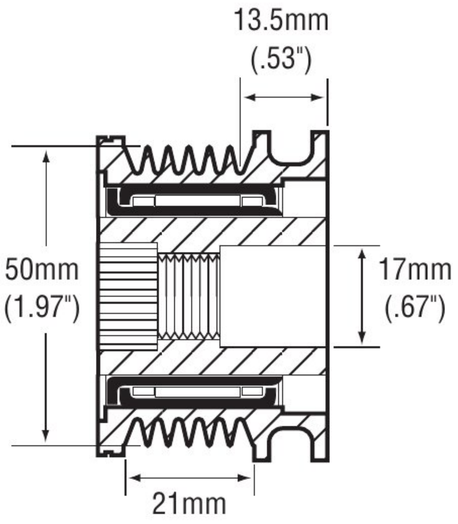
6-Groove



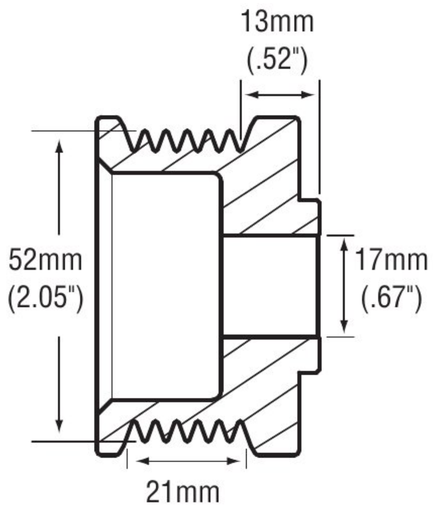
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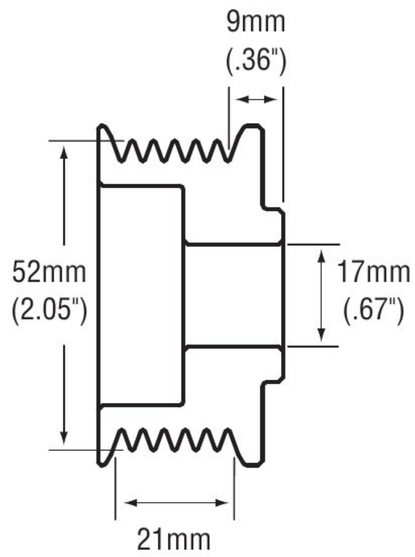
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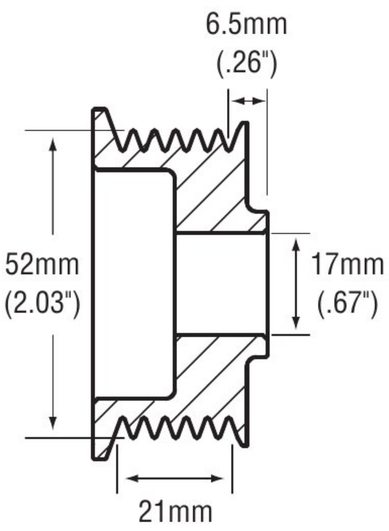
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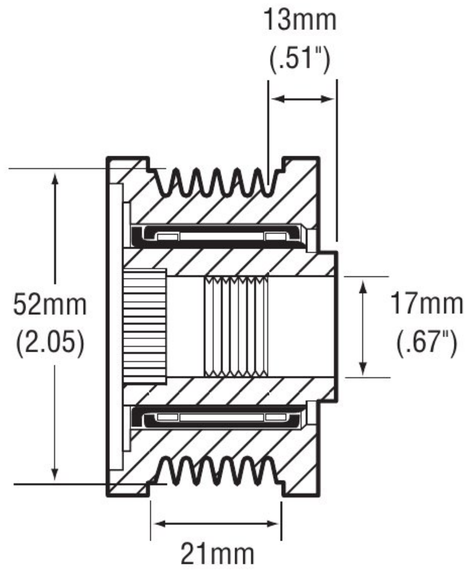
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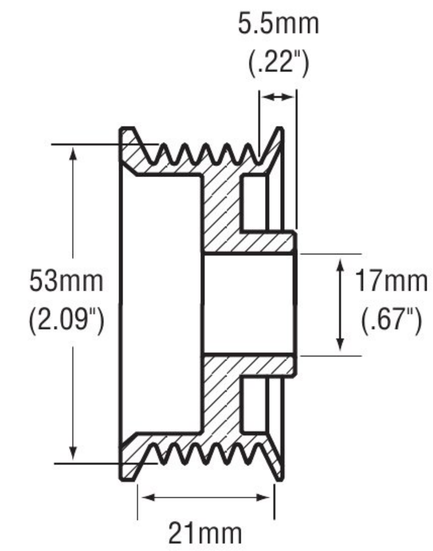
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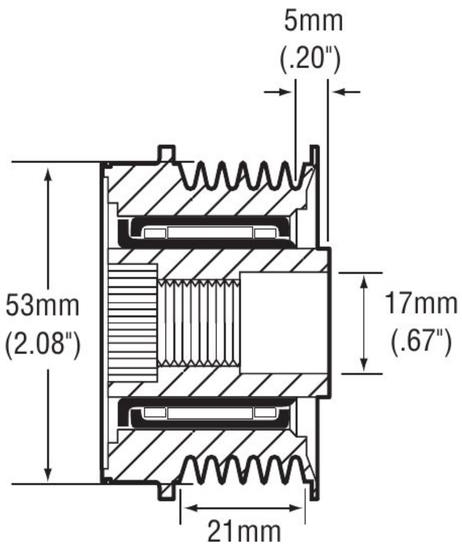
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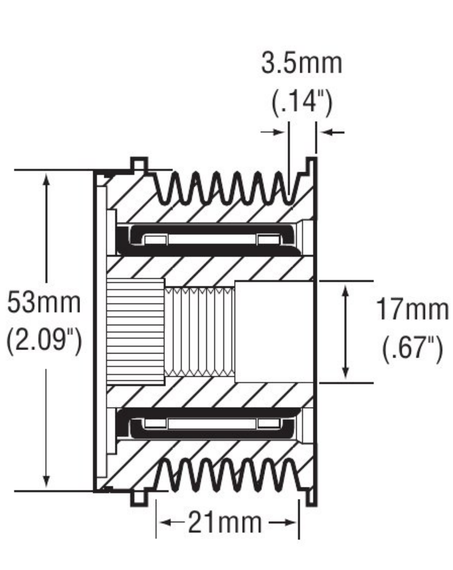
24-81107



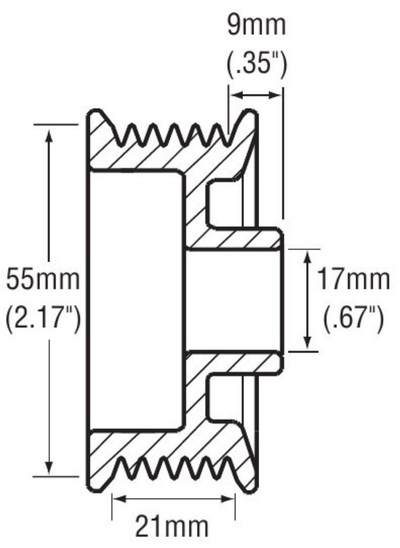
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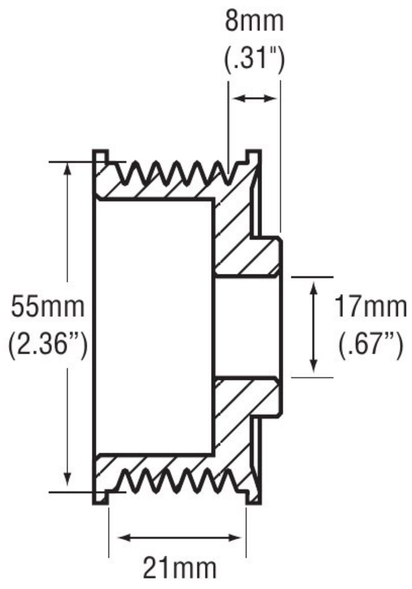
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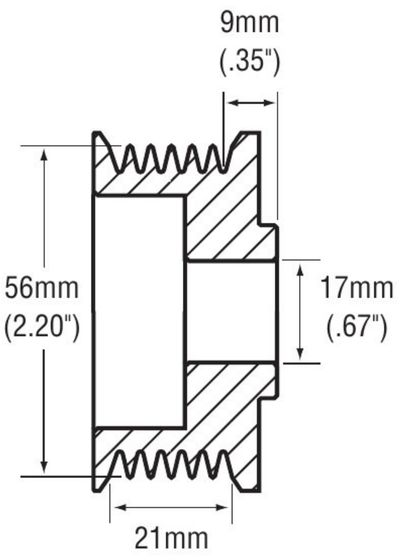
24-91103



24-2254-1

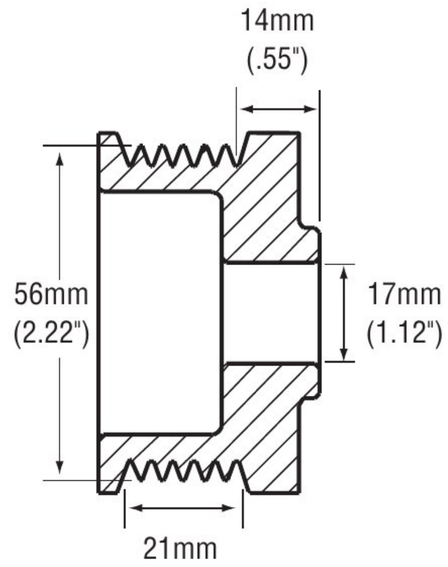


24-82277

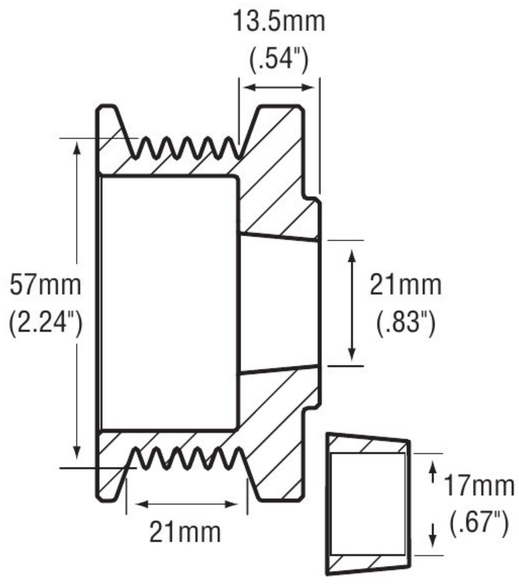


24-1255-3

ALTERNATOR - PULLEY DIMENSION CHART

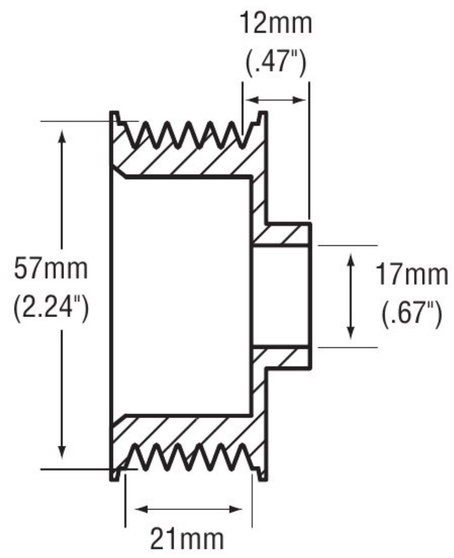


24-1277

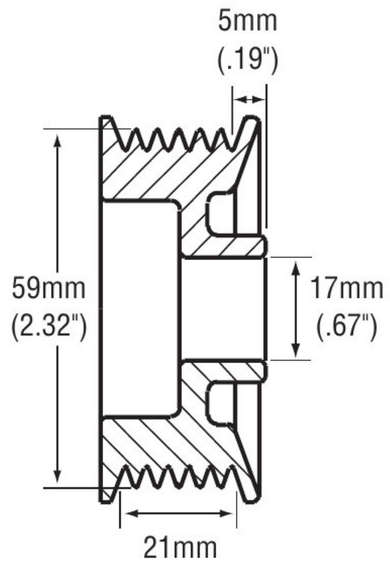


46-1610
Taper Collar
(not included)

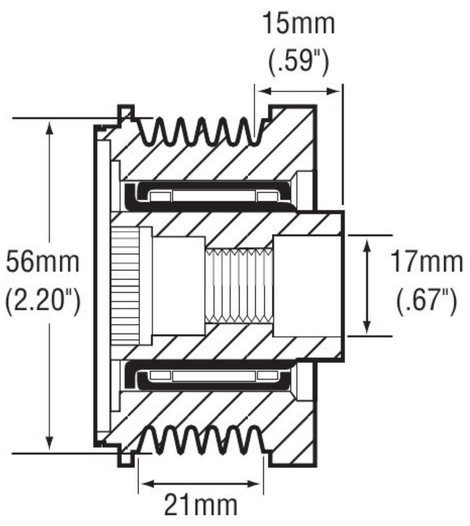
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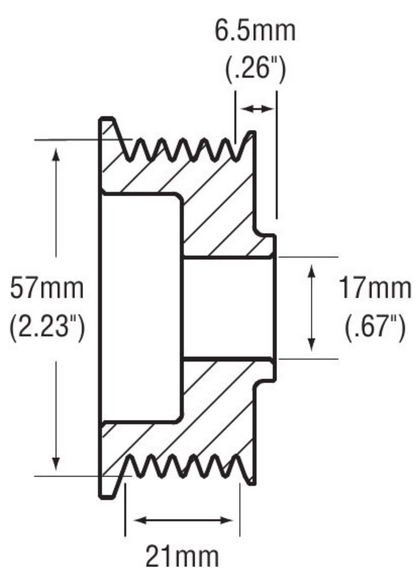
24-81105



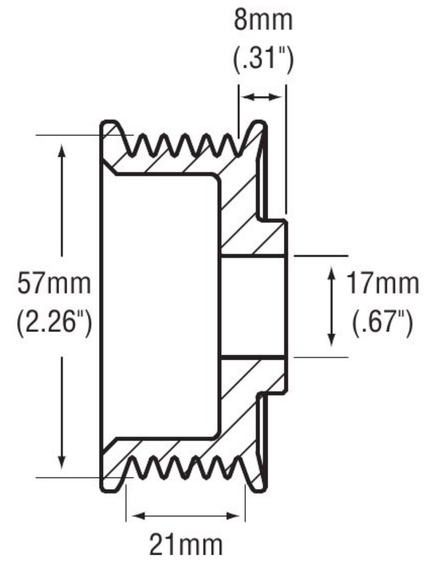
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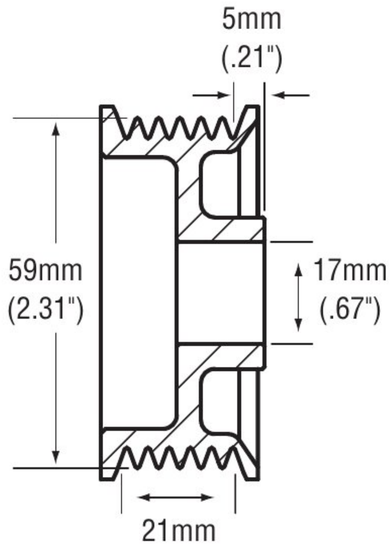
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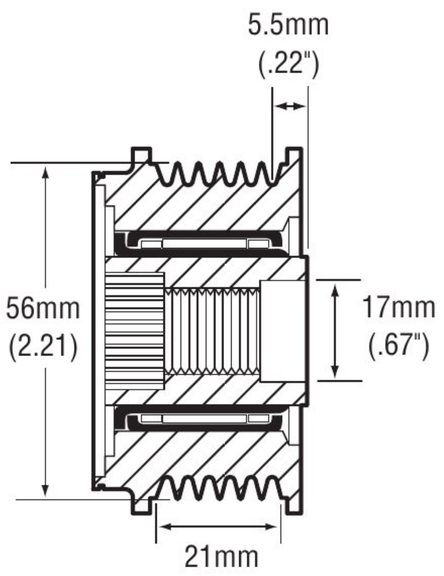
24-1272



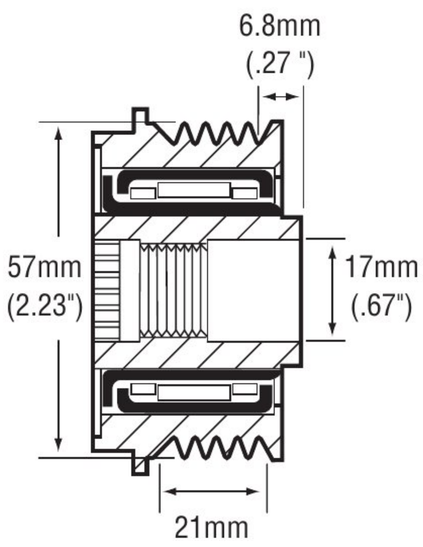
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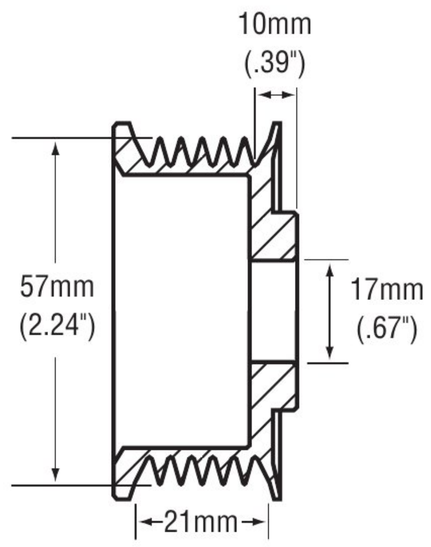
24-83261



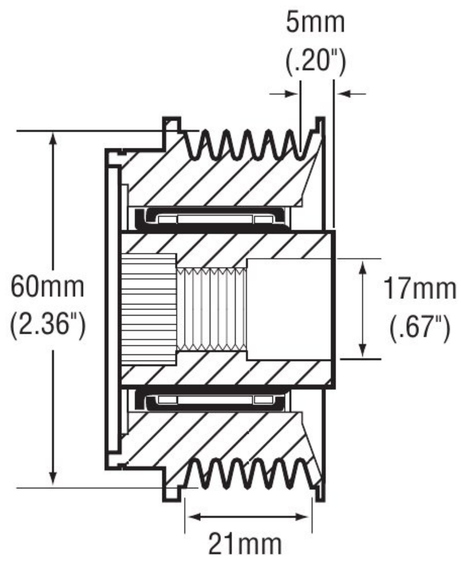
24-91104



24-1283



24-82272



24-2278

24-91107

24-2254

46-1610
Taper Collar
(not included)

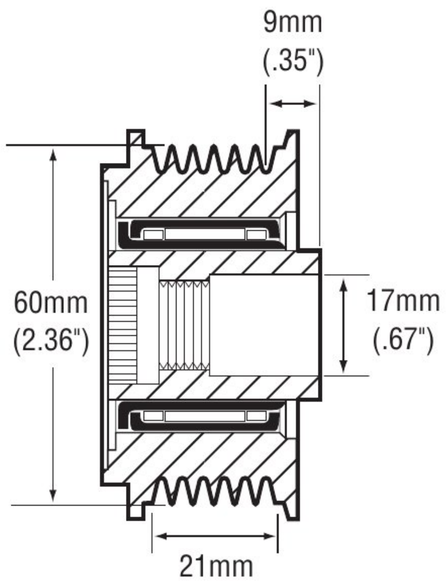
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24-2279

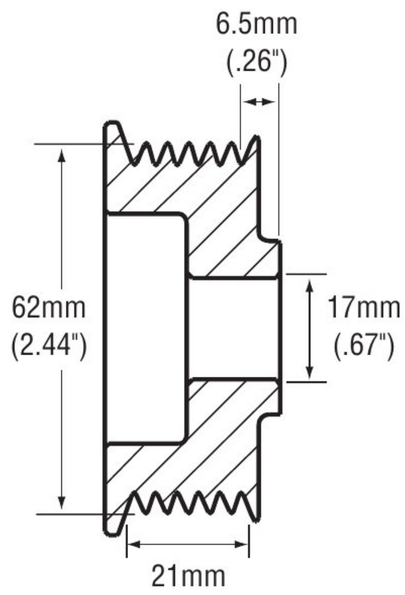
ALTERNATOR - PULLEY DIMENSION CHART

17MM BORE

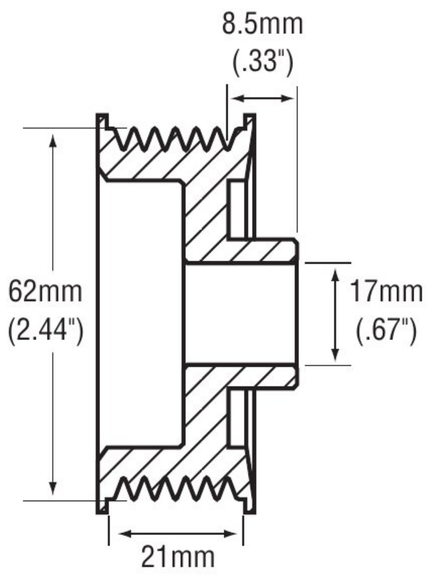
6-Groove (cont'd.)



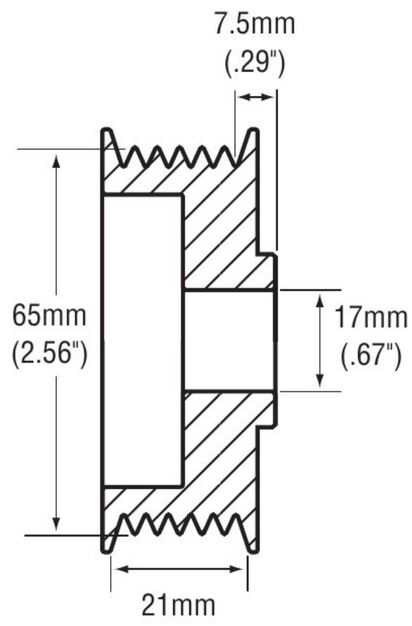
24-2280



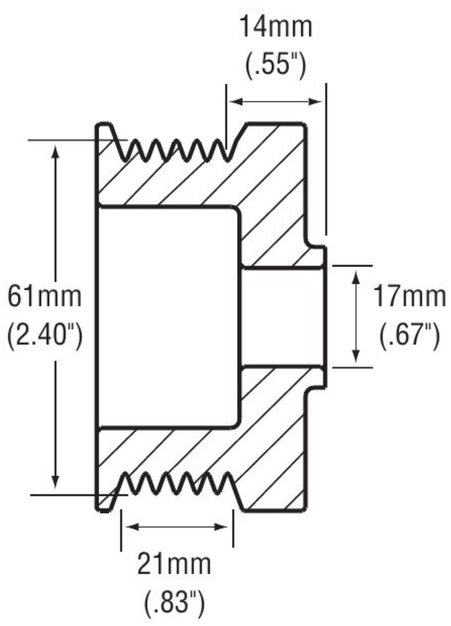
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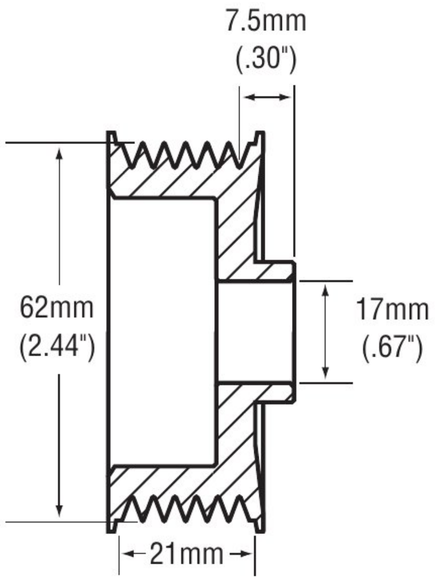
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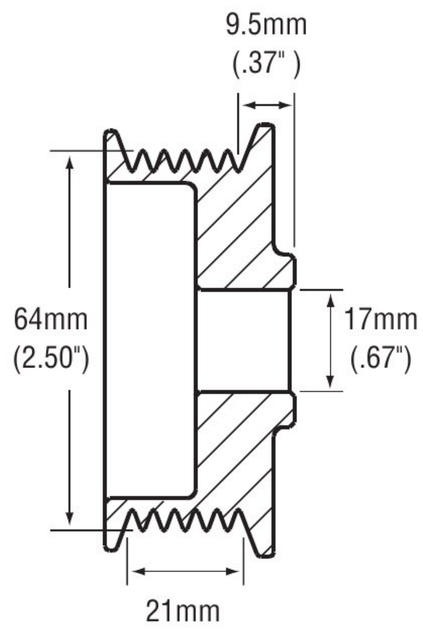
24-1286



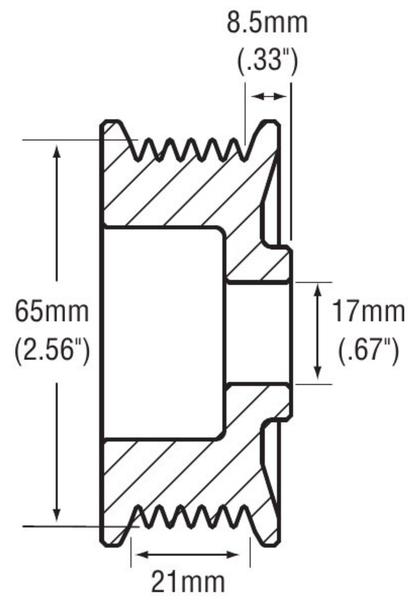
24-1281



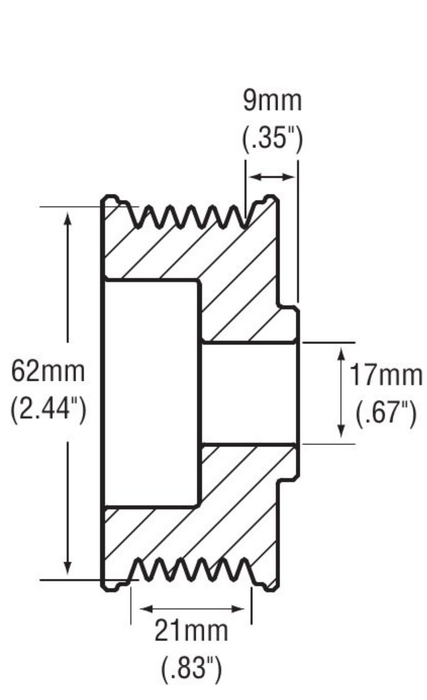
24-81104



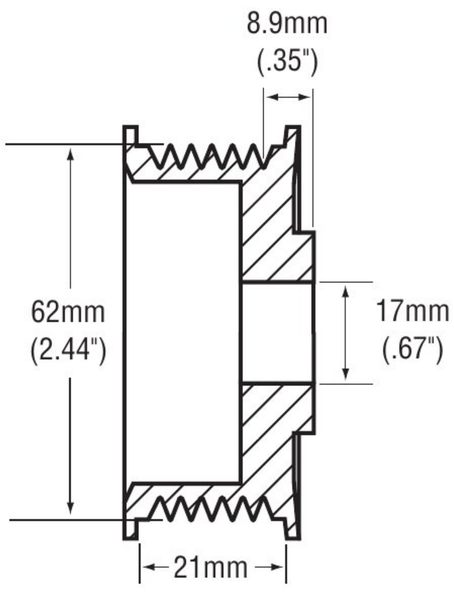
24-2256



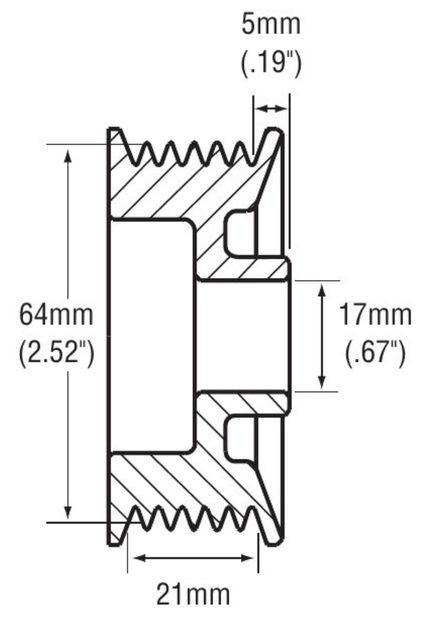
24-82260



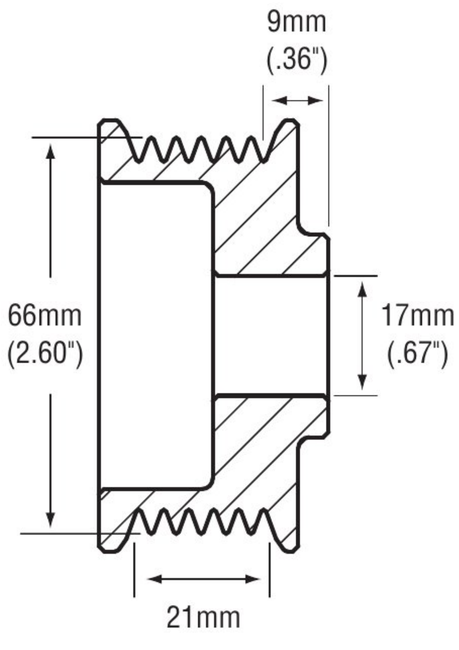
24-1250



24-82278

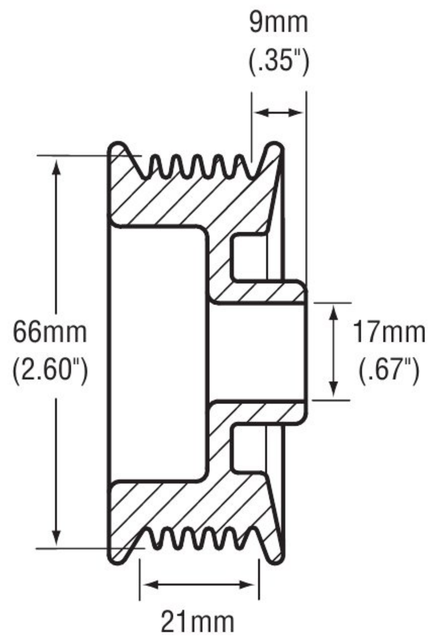


24-2264

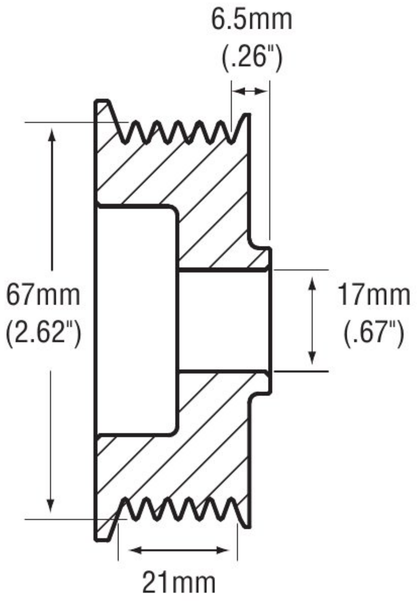


24-2257

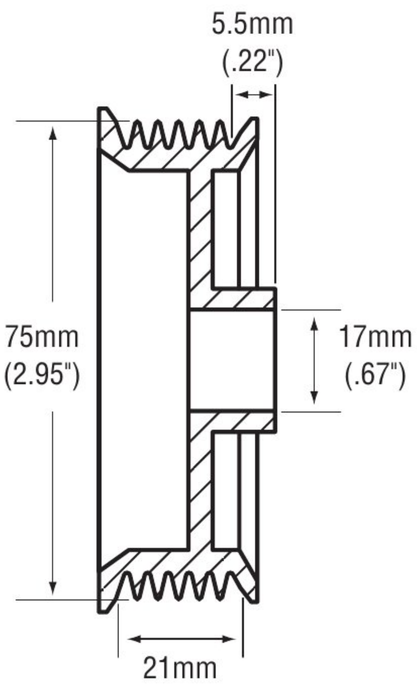
ALTERNATOR - PULLEY DIMENSION CHART



24-2257-1

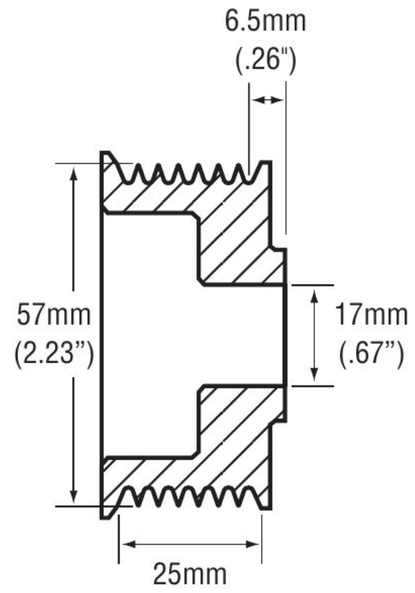


24-1271

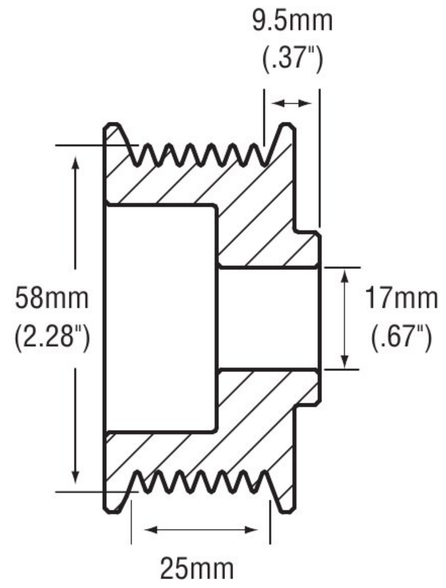


24-2274

7-Groove

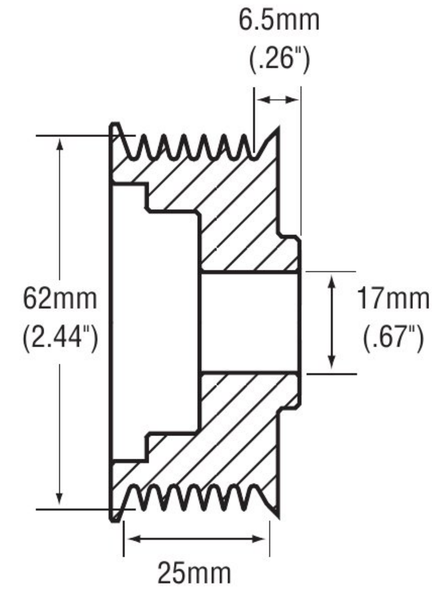


24-1288

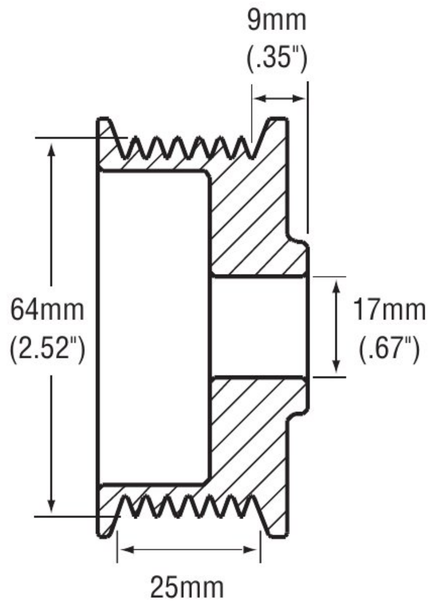


24-2258

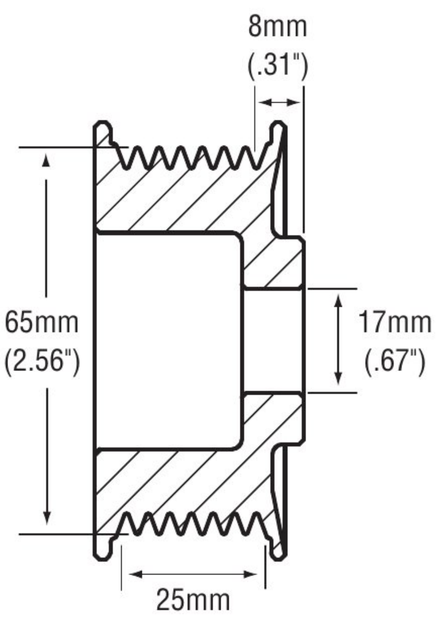
24-82269



24-1287

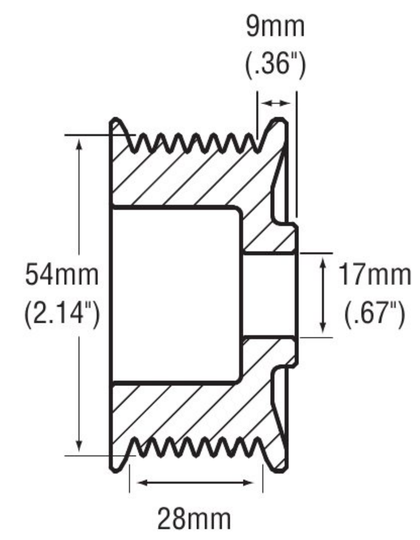


24-2262

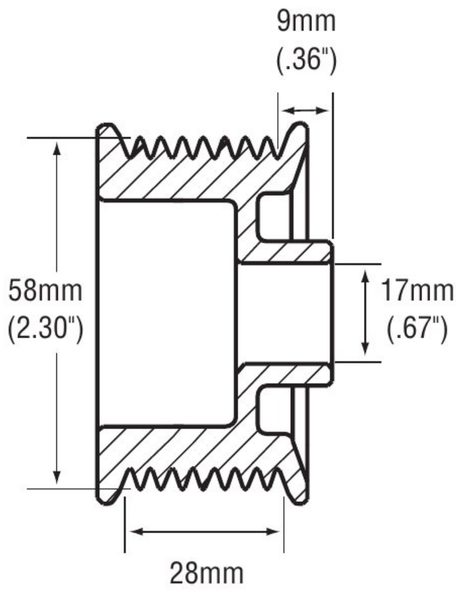


24-82267

8-Groove



24-83258

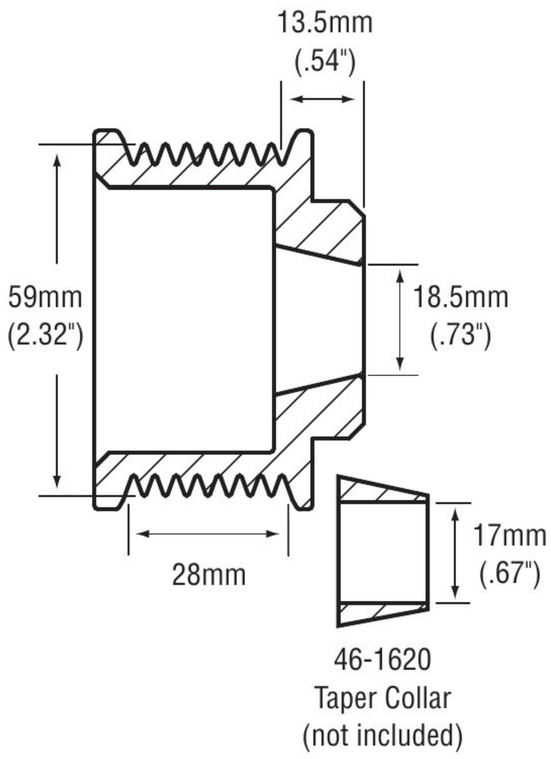


24-2266

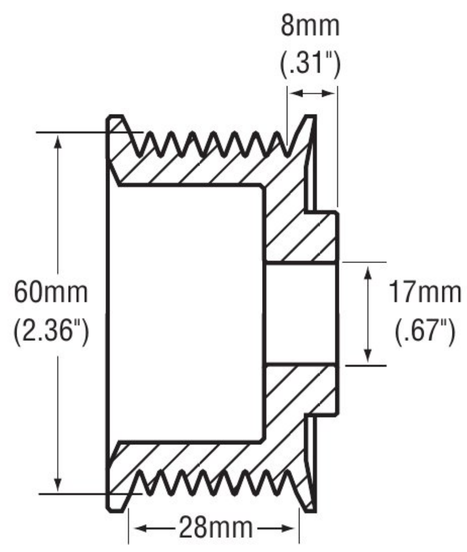
ALTERNATOR - PULLEY DIMENSION CHART

17MM BORE

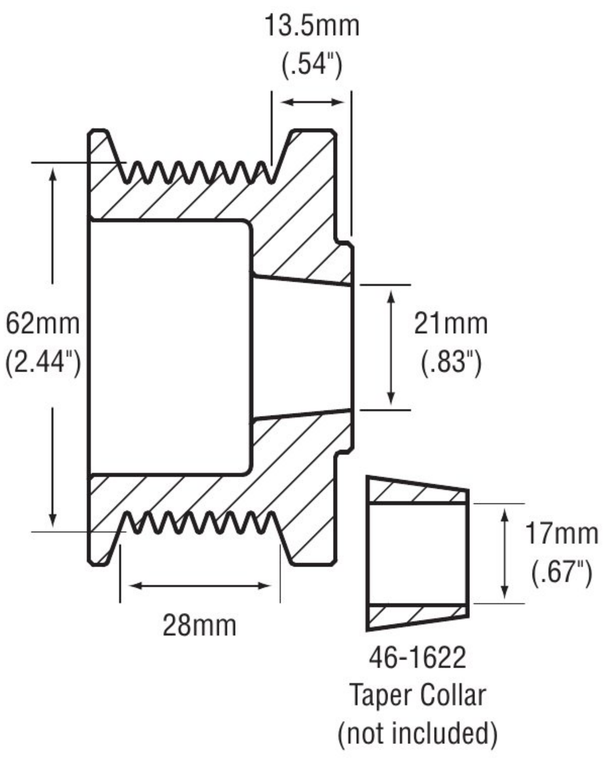
8-Groove (cont'd.)



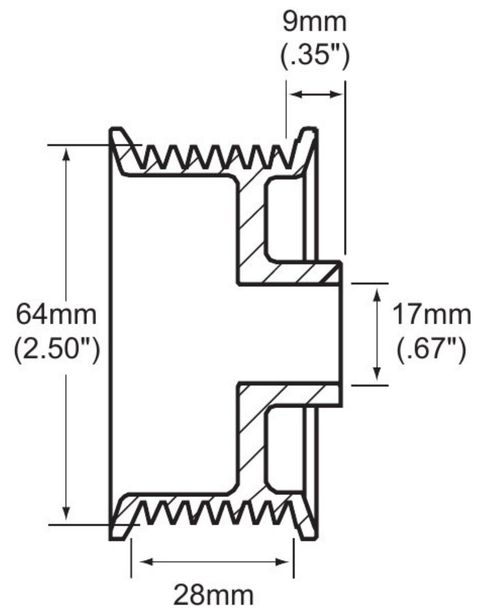
24-1270



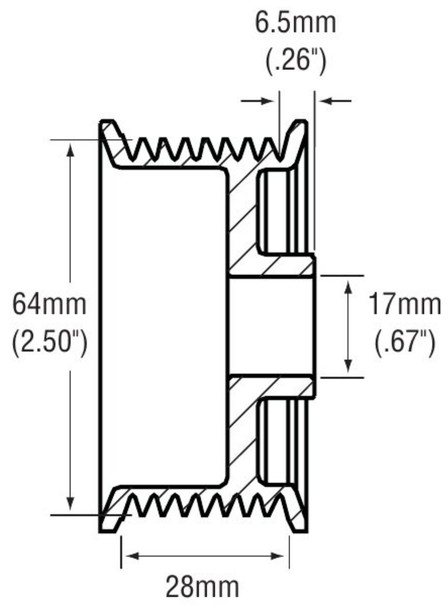
24-82270



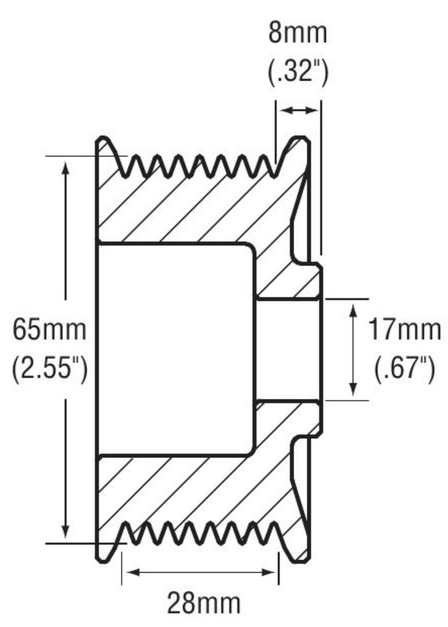
24-1276



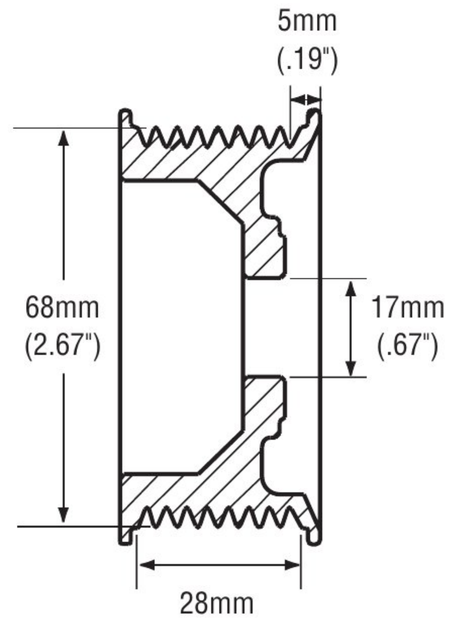
24-2261-1



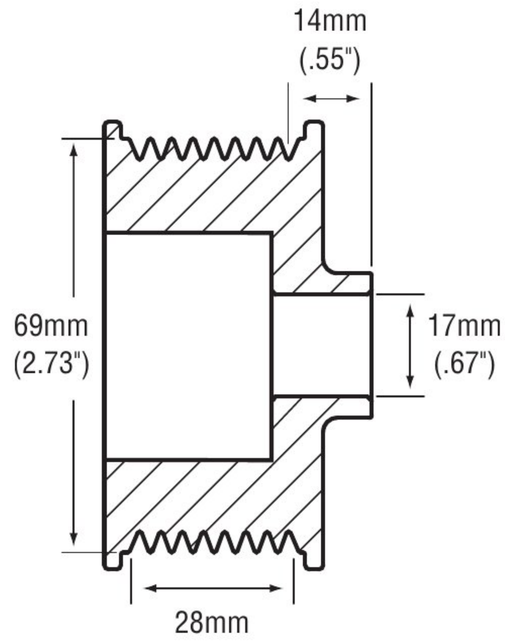
24-2270



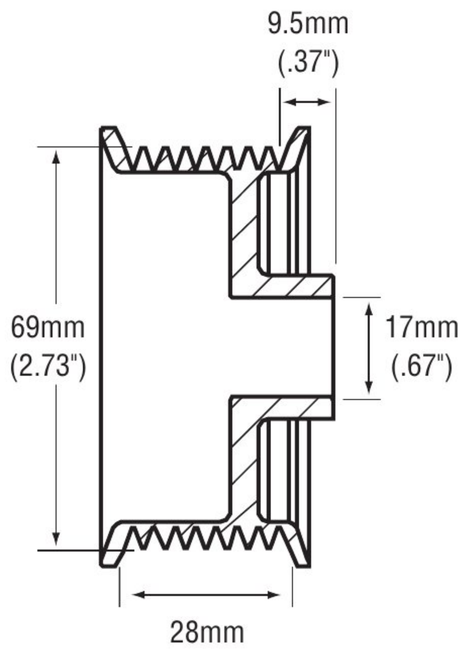
24-82261



24-2265

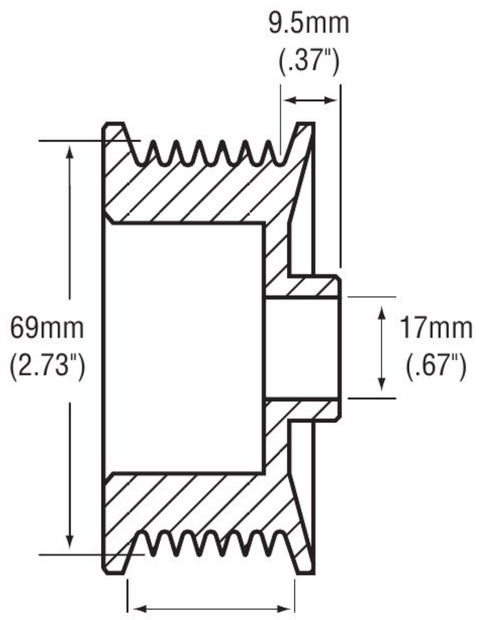


24-2260



24-2269

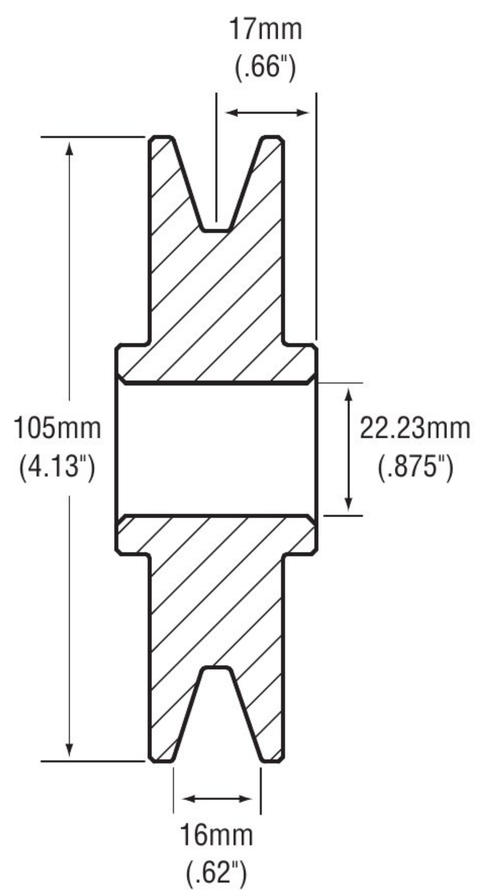
ALTERNATOR - PULLEY DIMENSION CHART



24-2273

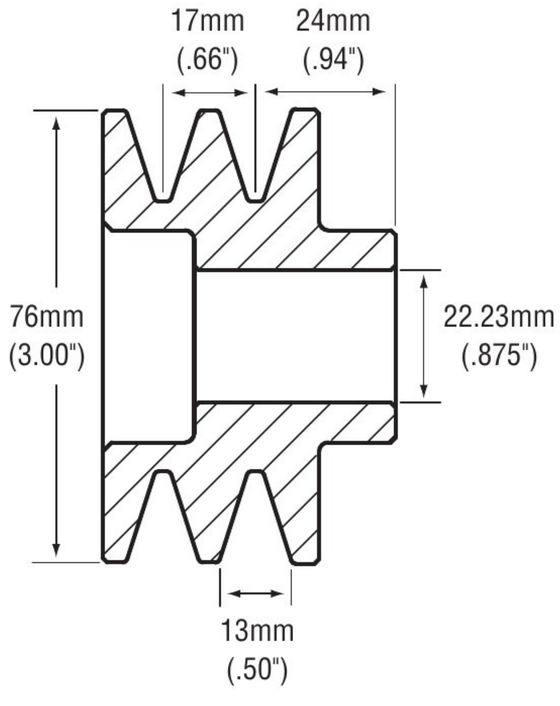
22.23MM (7/8") BORE

1-Groove

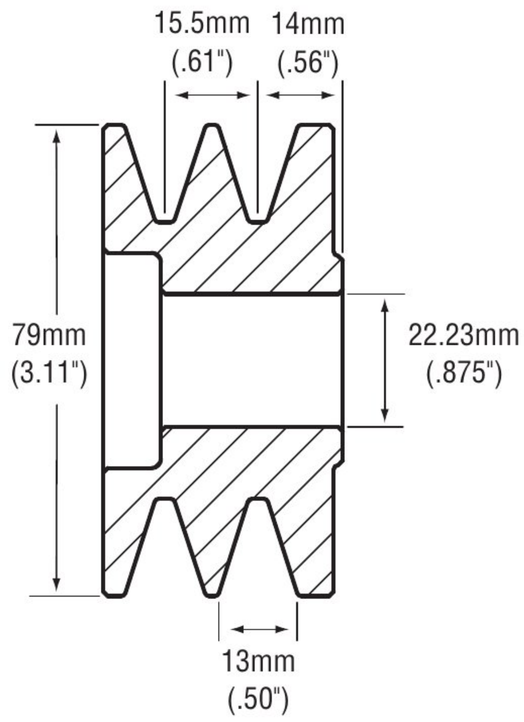


24-1503

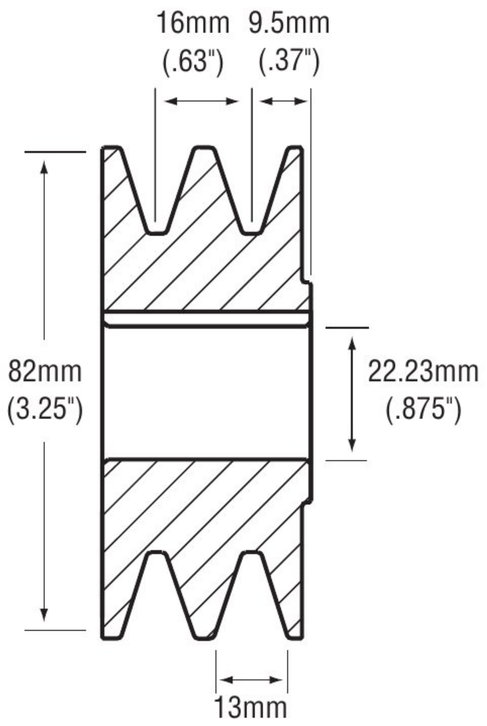
2-Groove



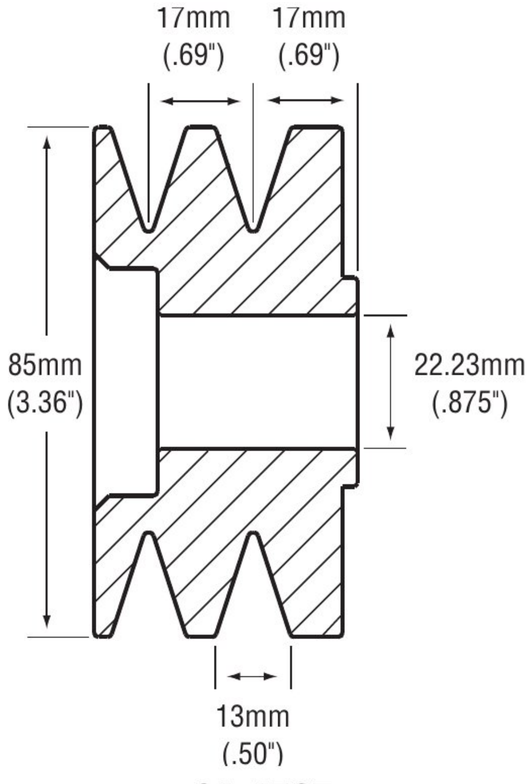
24-1504



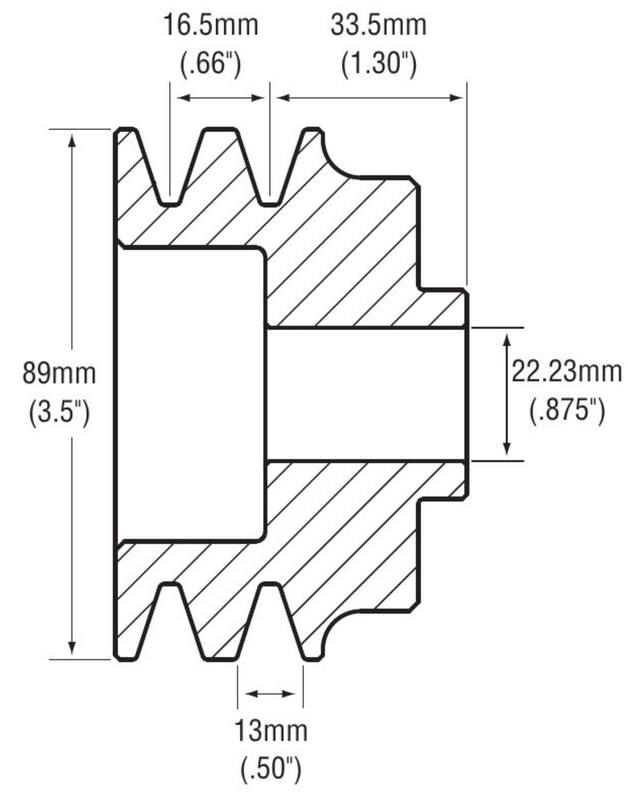
24-1500



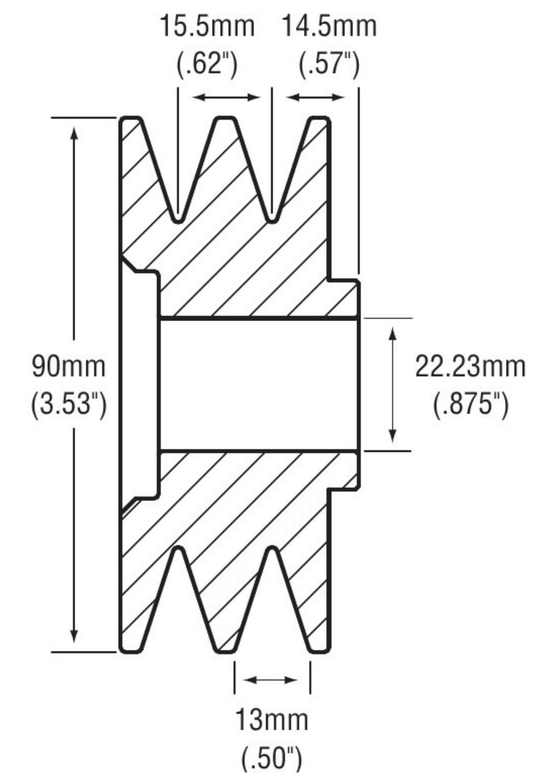
24-7753



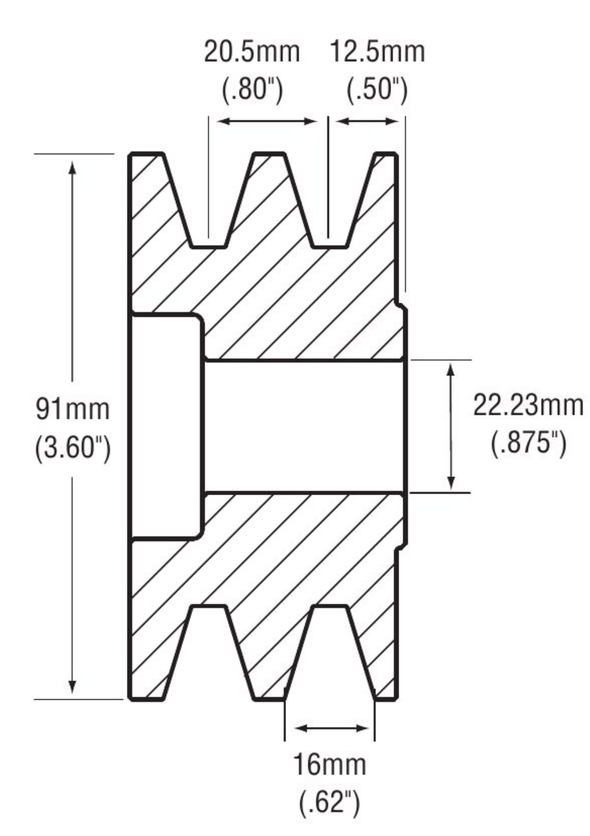
24-1507



24-1501



24-1509

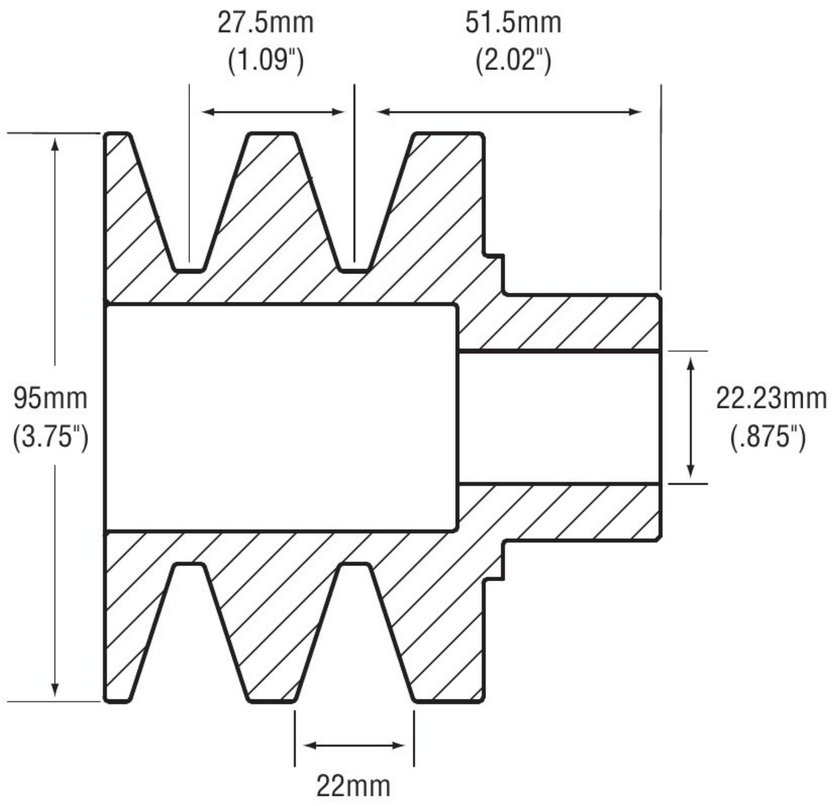


24-6500

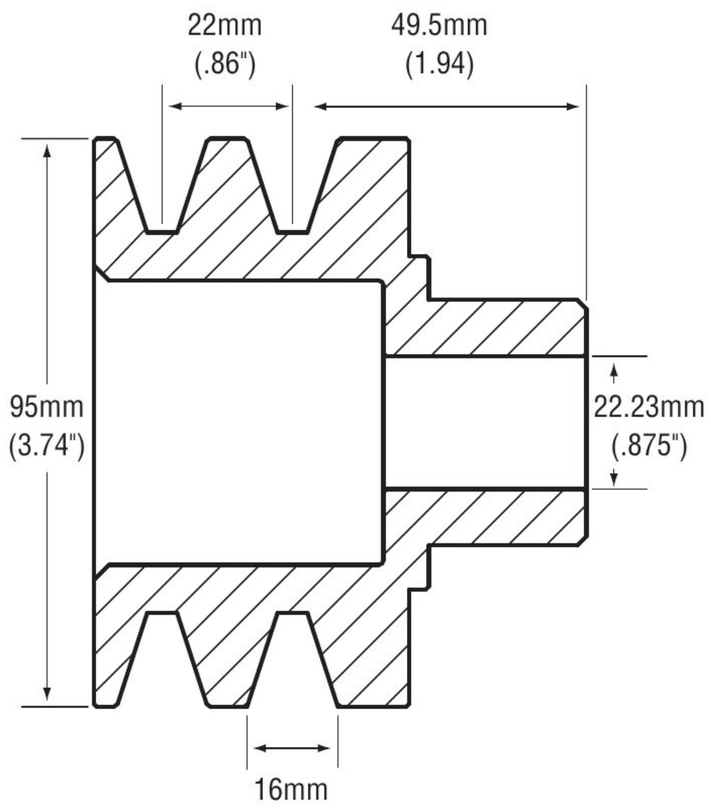
ALTERNATOR - PULLEY DIMENSION CHART

22.23MM (7/8") BORE

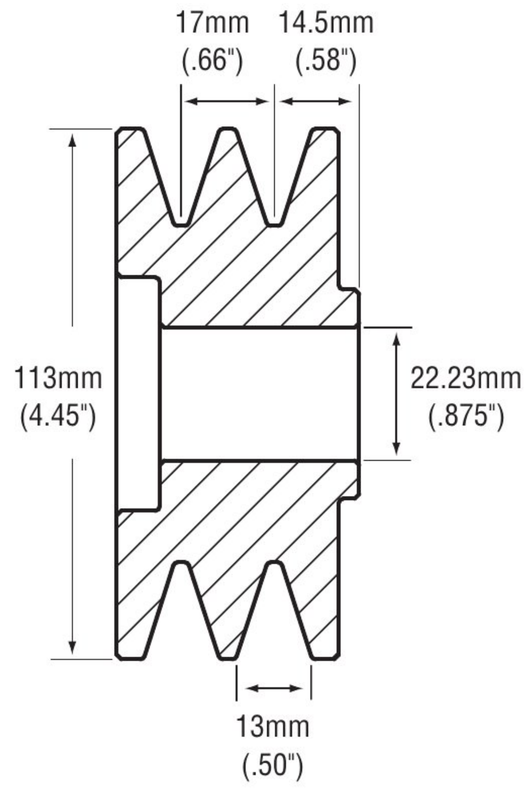
2-Groove (cont'd.)



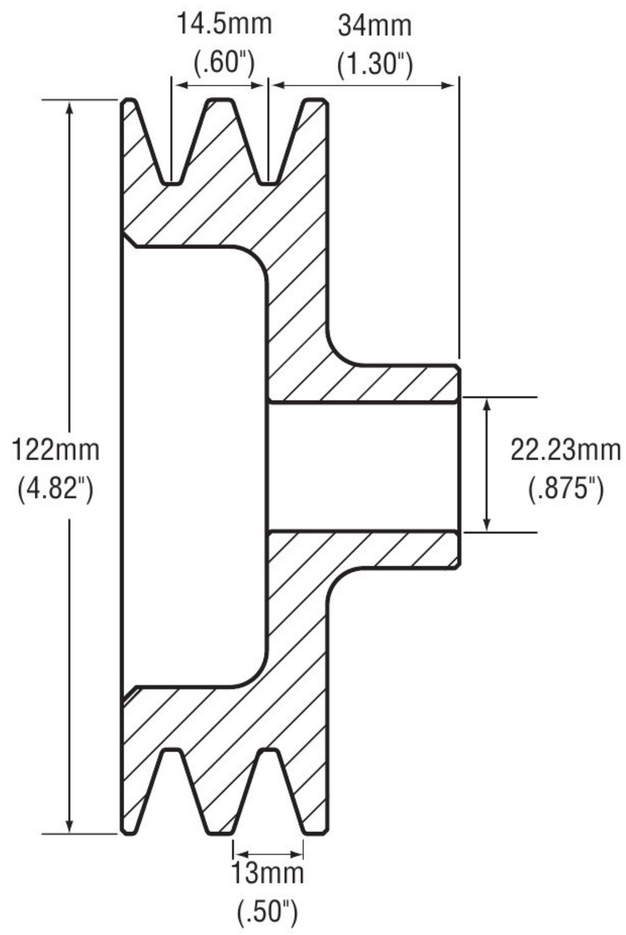
24-6501



24-6502

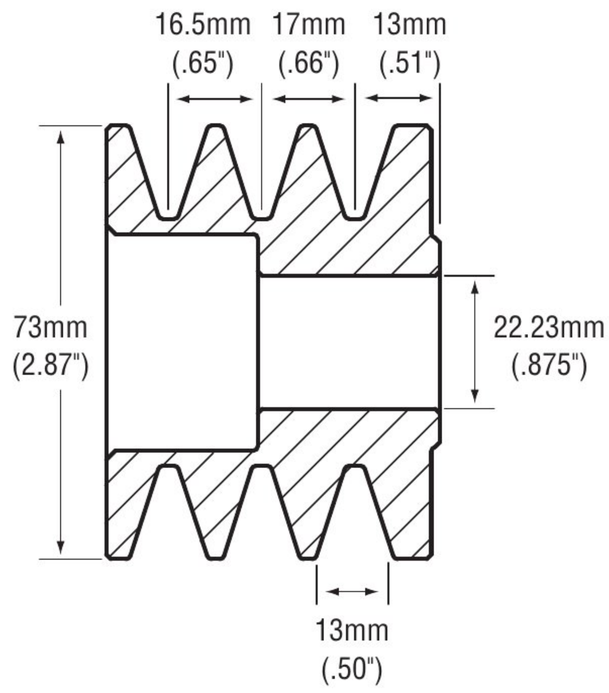


24-5500

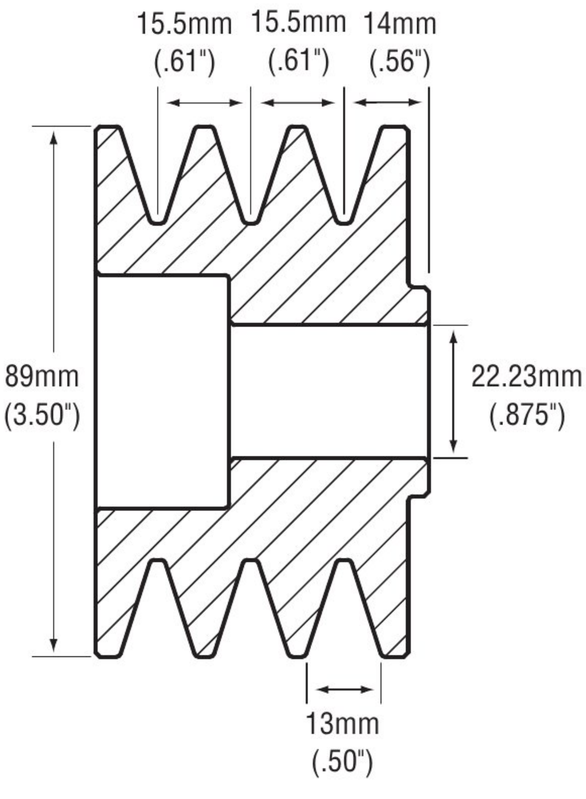


24-1502

3-Groove

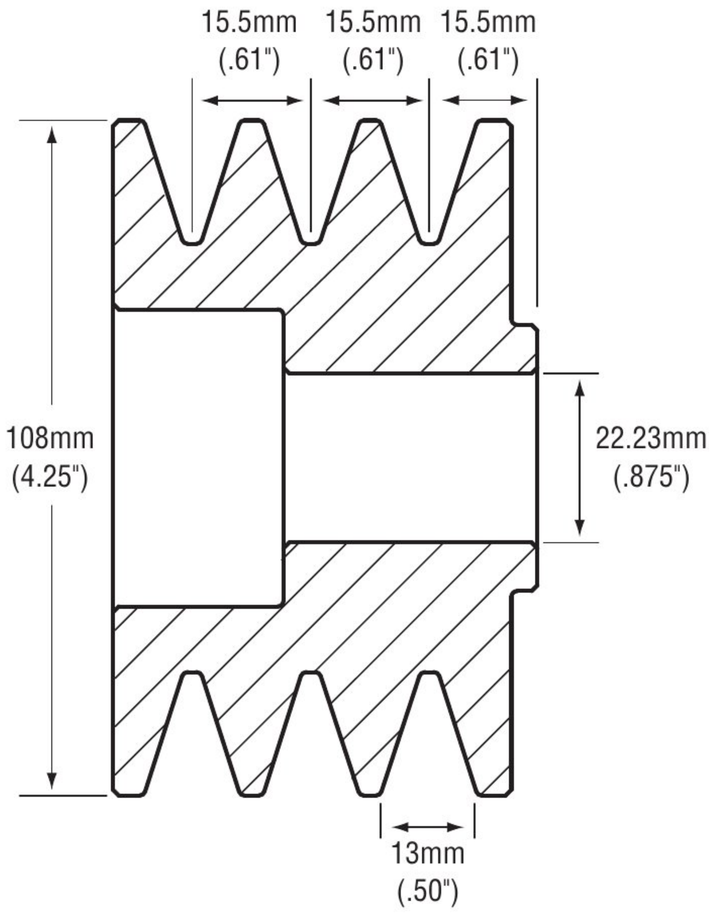


24-1505



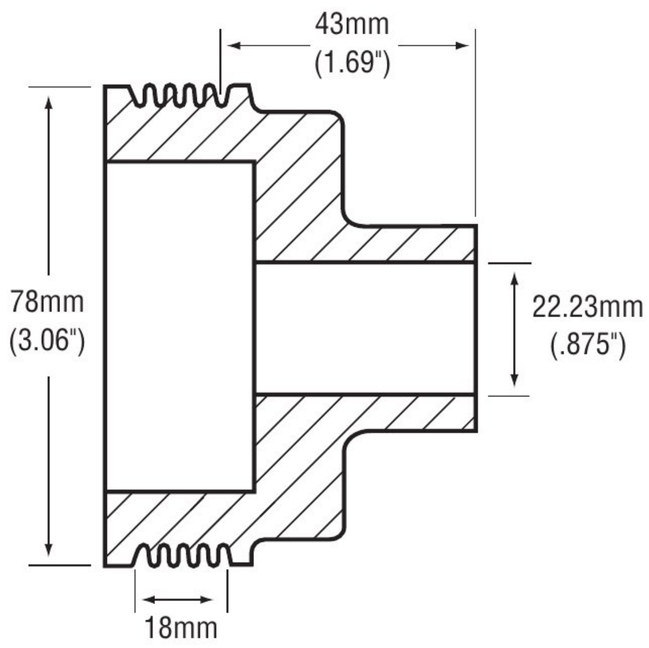
24-1506

ALTERNATOR - PULLEY DIMENSION CHART



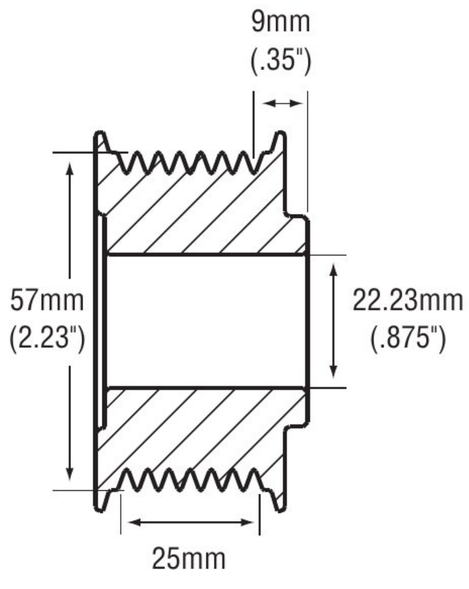
24-5501

5-Groove



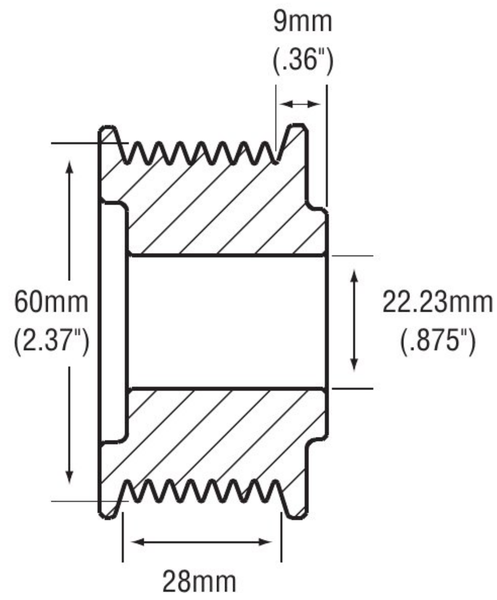
24-7751

7-Groove

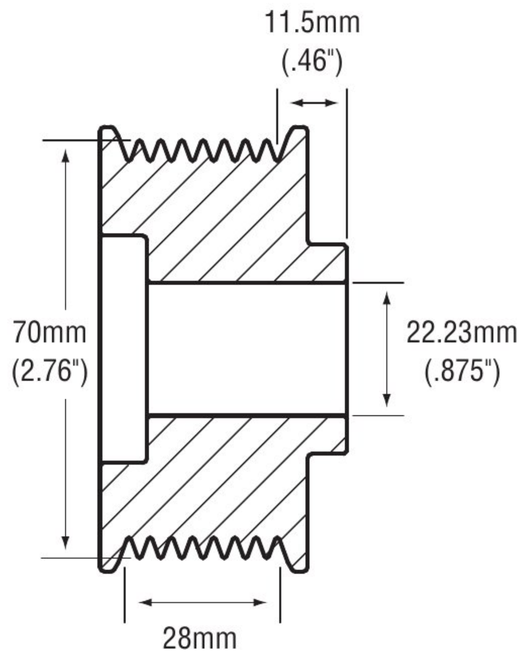


24-1751

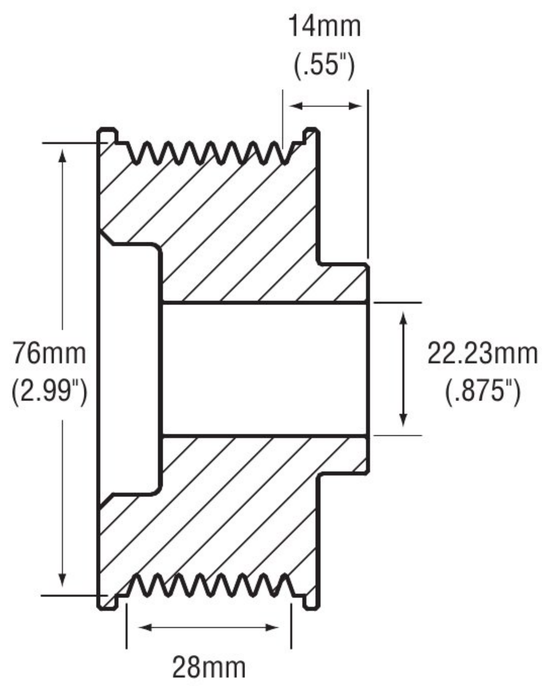
8-Groove



24-1755



24-1753

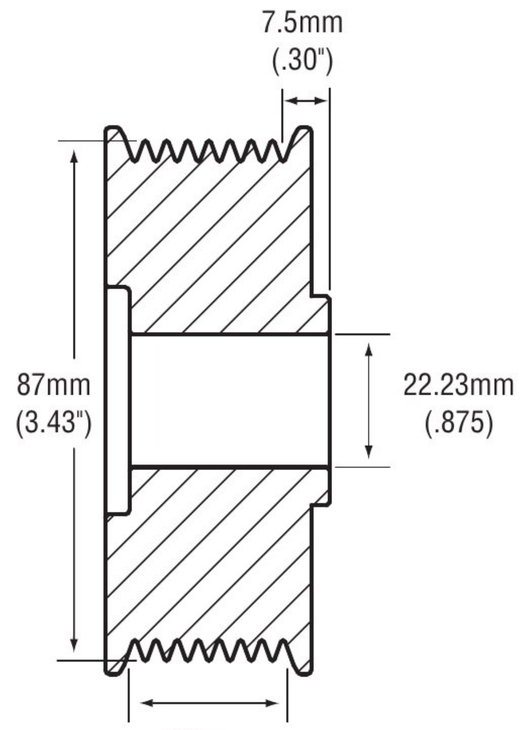


24-7750

ALTERNATOR - PULLEY DIMENSION CHART

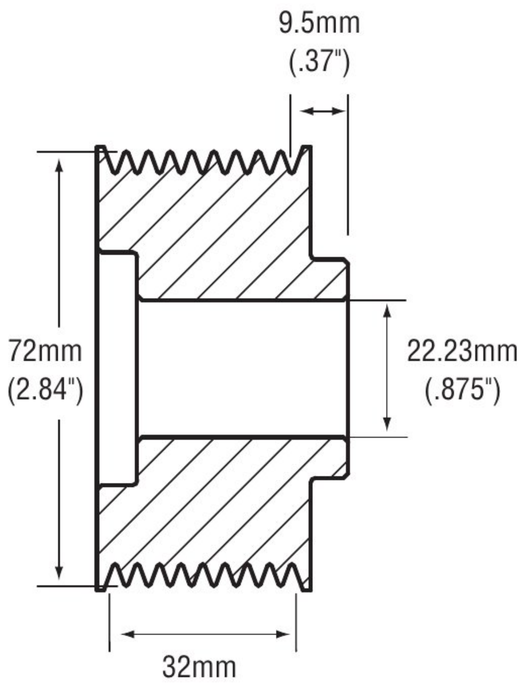
22.23MM (7/8") BORE

8-Groove (cont'd.)

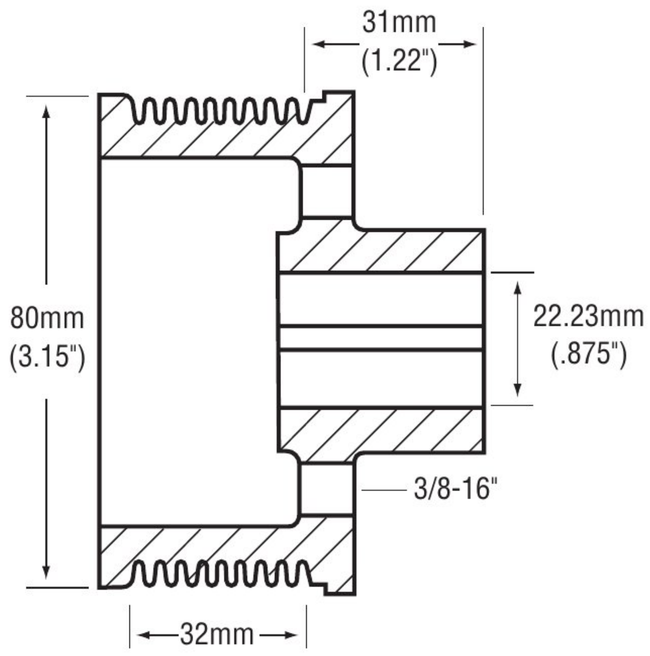


24-1752

9-Groove



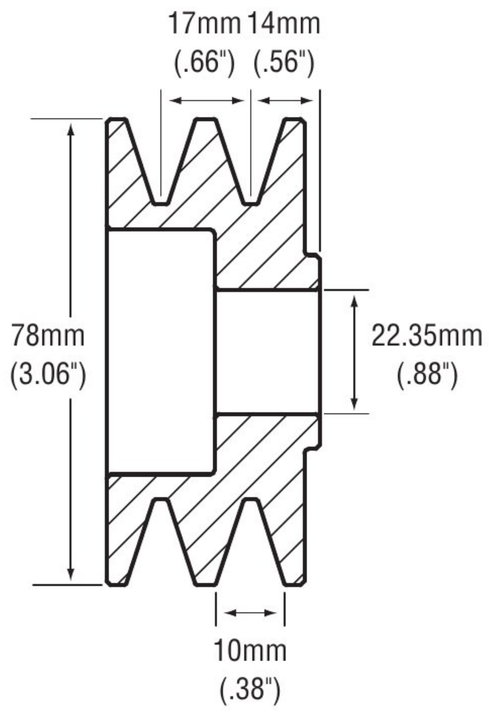
24-1750



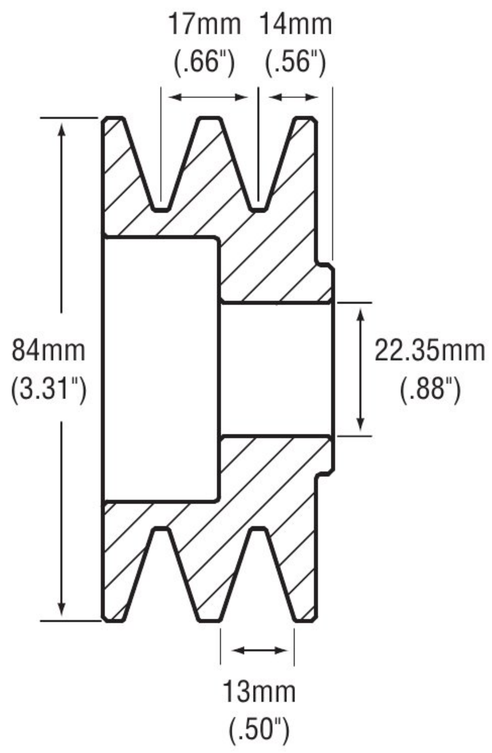
24-7752

22.35MM (.880") BORE

2-Groove



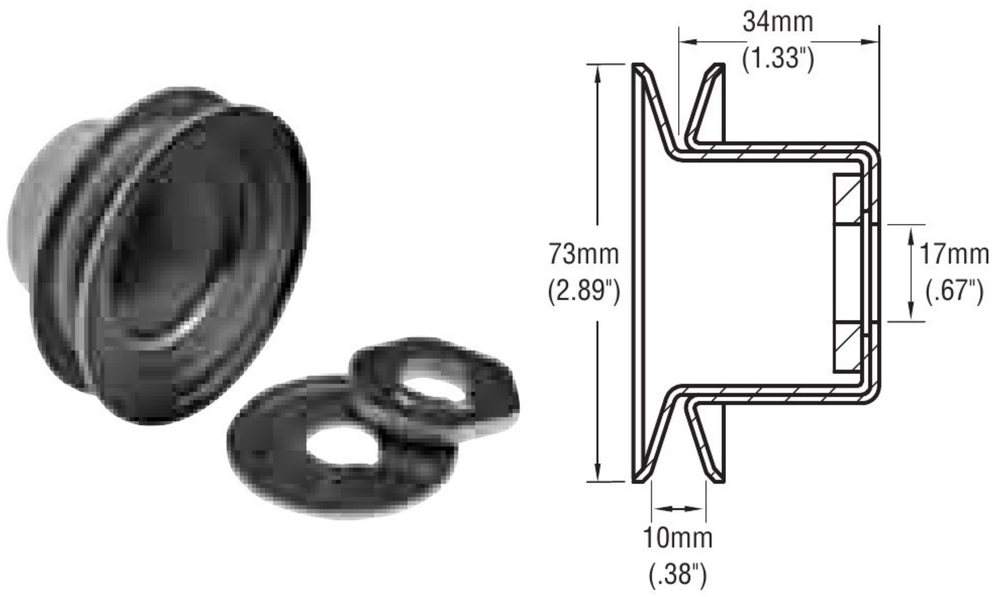
24-2501



24-2500

BOSCH

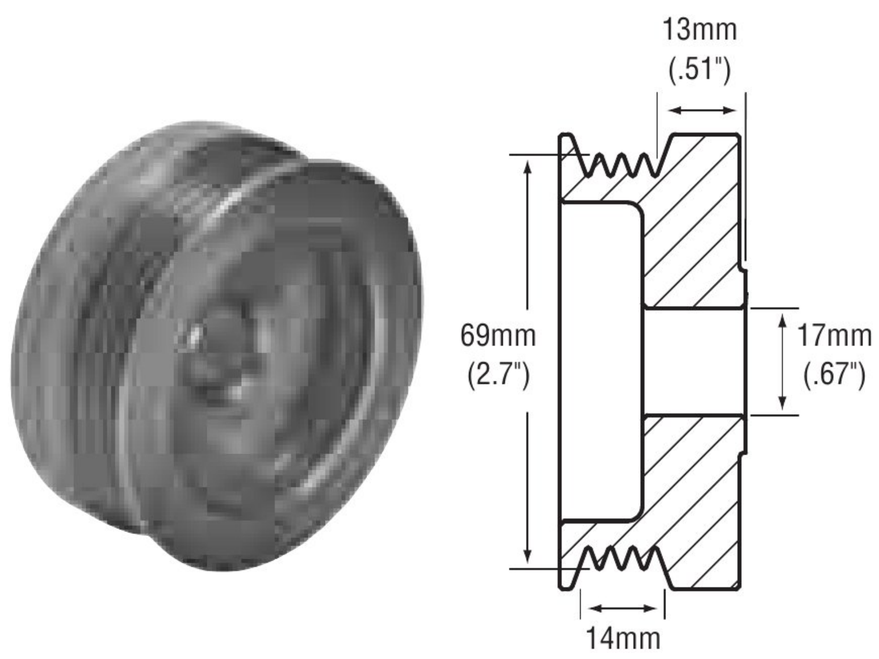
1-Groove



24-91100
Pulley - 1-Groove

For: Bosch IR/EF Alternators
Used On: (1993-72) Audi, VW
Replaces: Bosch 1-126-600-488
Unit Nos: Bosch 0-120-469-586, -598, -599, -633, -698, -729, -739, -873, -885; 0-120-489-003, -009, -017, -081, -196, -228, -229, -248, -249, -360, -361, -362, -363, -365, -367, -369, -370, -435, -499, -500, -520, -532, -535, -581, -582, -613, -614, -655, -657, -699, -713, -714, -732, -744, -745, -746, -747, -755, -771, -772, -774, -785, -799, -800, -820, -821, -860, -863, -864, -865, -866, -870, -871, -872, -873, -892, -893, -960, -961, -966, -967, -974, -975, -981, -986, -987
Lester Nos: 13054, 13055, 13093, 13094, 13109, 13129, 13147, 13172, 13173, 14396, 14410, 14412, 14778, 14779, 14797, 14798, 14806, 14807, 14970, 14996, 14997
Dim: 10mm Belt x 73mm OD x 17mm Bore w/ Keyway

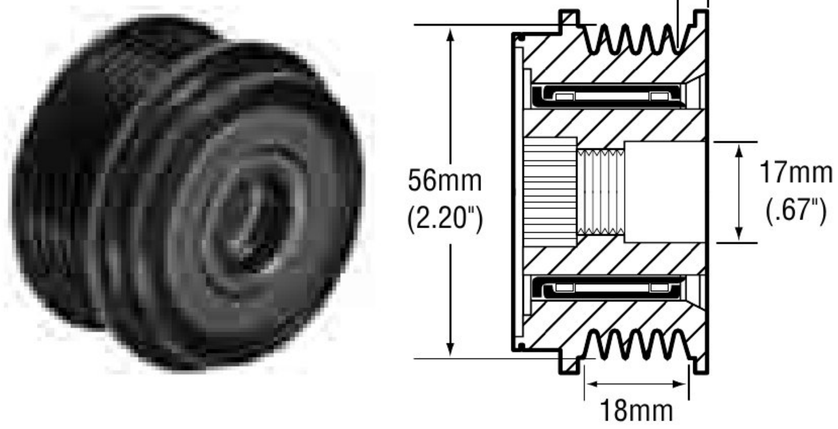
4-Groove



24-91250
Pulley - 4-Groove

For: Bosch 90-100A ER/EF Alternators
Used On: (1990-84) Chrysler, Dodge, Plymouth
Unit Nos: Bosch 0-120-450-012, 0-120-450-014, 0-120-450-016, 0-120-450-017, 0-120-469-622*, 0-120-469-624*
Lester Nos: 13191, 14765, 14789
WAI Ref. Nos: 1-1489-01BO, 1-1500-00BO*, 1-1500-01BO*, 1-1501-00BO*, 1-1501-01BO*
Dim: 14mm Belt x 69mm OD x 17mm Bore w/ Keyway
Note: Includes 85-2600 hex nut, 85-4601 lock washer.
*Requires M14 x 1.5 hex nut, 14mm lock washer (not included).
Features:
• Machined pulley cut from cold rolled steel

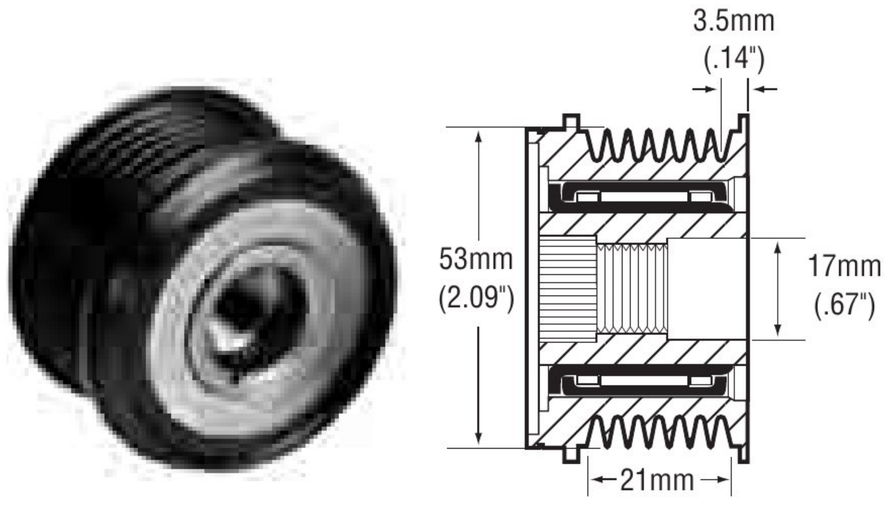
5-Groove



24-91106
Pulley - 5-Groove

For: Bosch IR/IF Alternators
Used On: (2000-96) Audi, VW
Replaces: Bosch 1-126-601-566
Unit Nos: Bosch 0-123-515-003, 1-123-320-055; VW-Audi, 028-903-028
Lester Nos: 13381
Dim: 18mm Belt x 56mm OD x 17mm Bore
Features:
• Overrunning Clutch

6-Groove



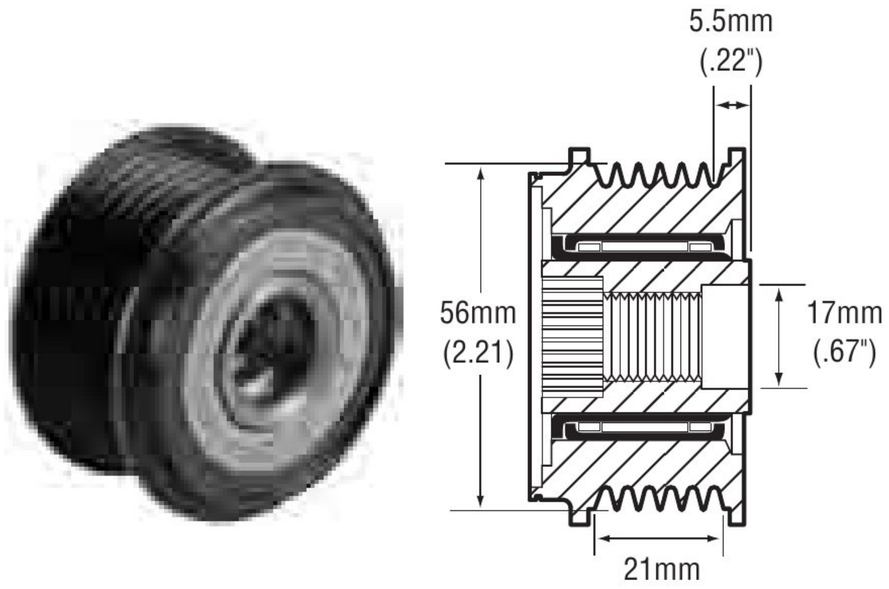
24-91103
Pulley - 6-Groove

For: Bosch 120A IR/IF Alternators
Used On: (2004-00) Porsche
Replaces: Bosch F-00M-991-105 (stamped F-233525)
Unit Nos: Bosch 0-124-515-073; Porsche 916-603-012-00, 996-603-012-00
Lester Nos: 11041
Dim: 21mm Belt x 53mm OD x 17mm Bore
Features:
• Overrunning Clutch

ALTERNATOR - PULLEYS (24-)

BOSCH

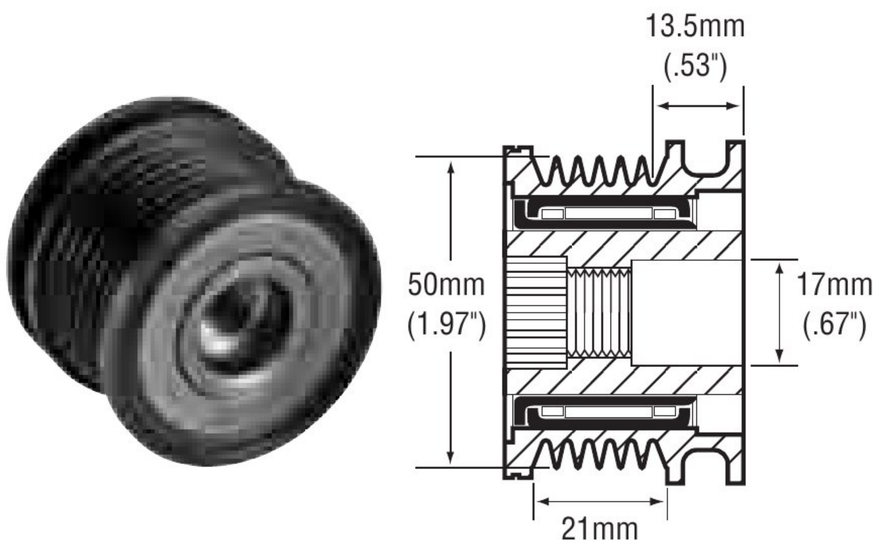
6-Groove (cont'd.)



24-91104

Pulley - 6-Groove

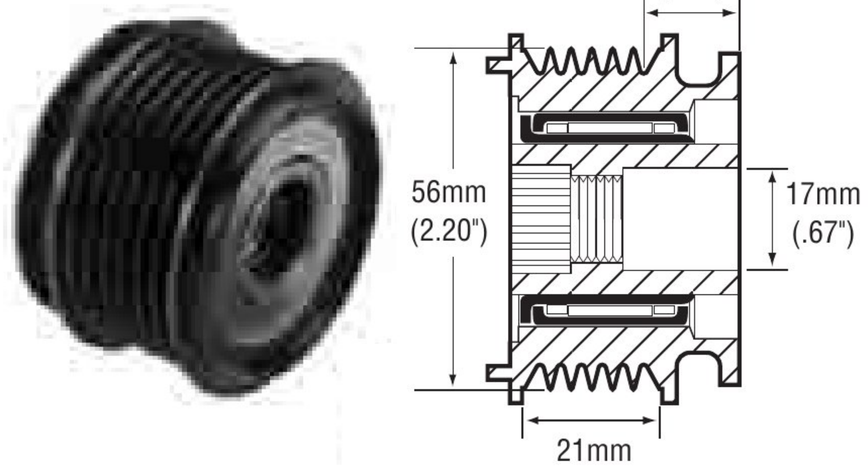
For: Bosch 120-140A IR/IF Alternators
Used On: (2004-99) Volvo
Replaces: Bosch F-00M-991-061, Volvo 9459747-3 (stamped F-230401)
Unit Nos: Bosch 0-124-515-019, 0-124-515-054, 0-124-525-014; Volvo 8622186, 9459077, 9459092-4
Lester Nos: 13801, 13998
WAI Ref. Nos: 1-2245-11BO
Dim: 21mm Belt x 56mm OD x 17mm Bore
Note: 5.5mm from hub to center of 1st groove.
Features:
• Overrunning Clutch



24-91105

Pulley - 6-Groove

For: Bosch 120A IR/IF Alternators
Used On: Ford, Seat, VW (European)
Replaces: Bosch 1-126-601-565 (stamped F-225355)
Unit Nos: Bosch 0-123-515-017, 0-123-515-020; VW-Audi 028-903-026G
Dim: 21mm Belt x 50mm OD x 17mm Bore
Features:
• Overrunning Clutch



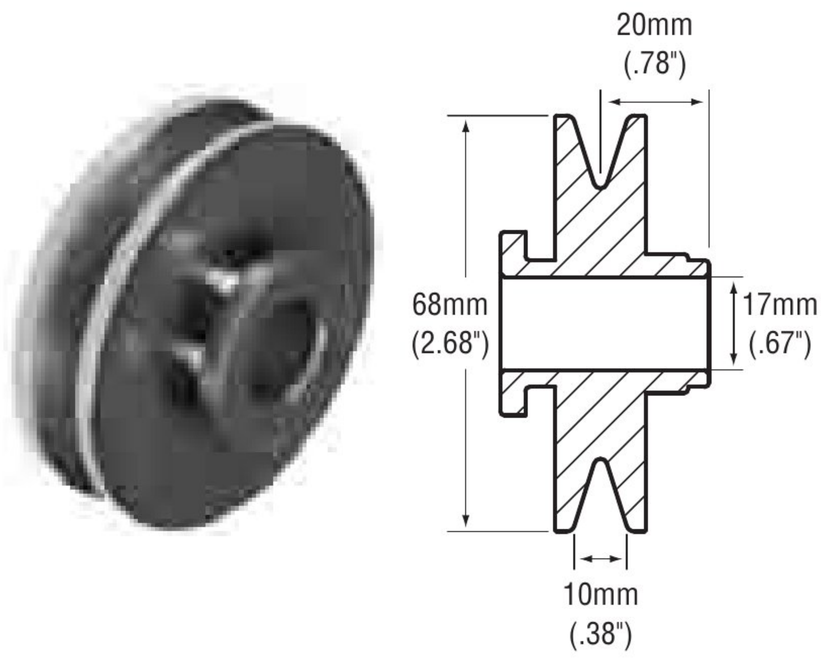
24-91107

Pulley - 6-Groove

For: Bosch IR/IF Alternators
Used On: (1998) VW
Replaces: Bosch 1-126-601-559, VW-Audi 038-903-119 (Stamped F-226804)
Unit Nos: Bosch 0-123-310-035, 0-123-320-032, 0-123-510-047, 0-123-515-021; VW-Audi, 038-903-023G, 038-903-023J
Lester Nos: 13831, 13833
Dim: 21mm Belt x 56mm OD x 17mm Bore
Note: 14.5mm from hub to center of 1st groove.
Features:
• Overrunning Clutch

CHRYSLER

1-Groove

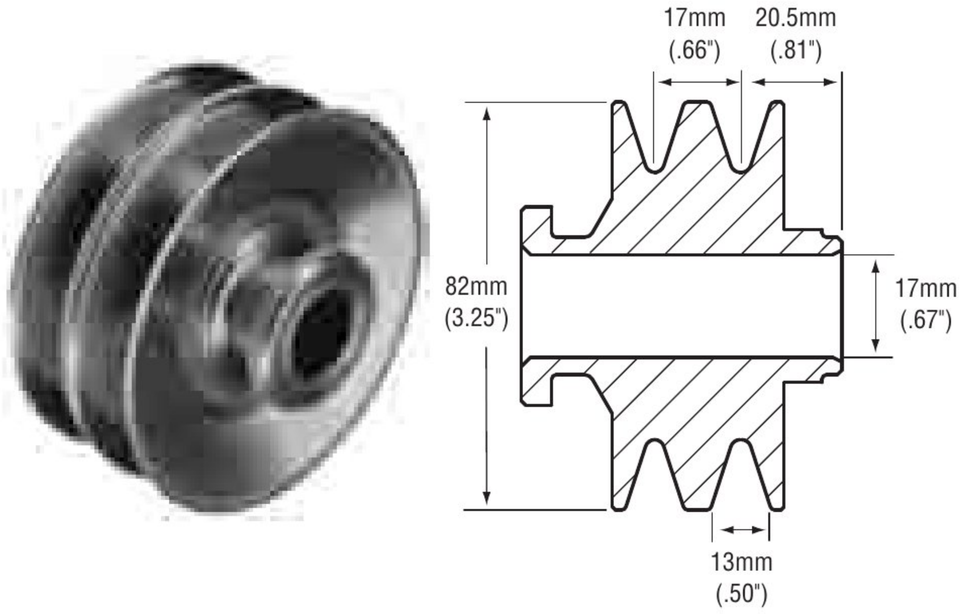


24-3101-1

Pulley - 1-Groove

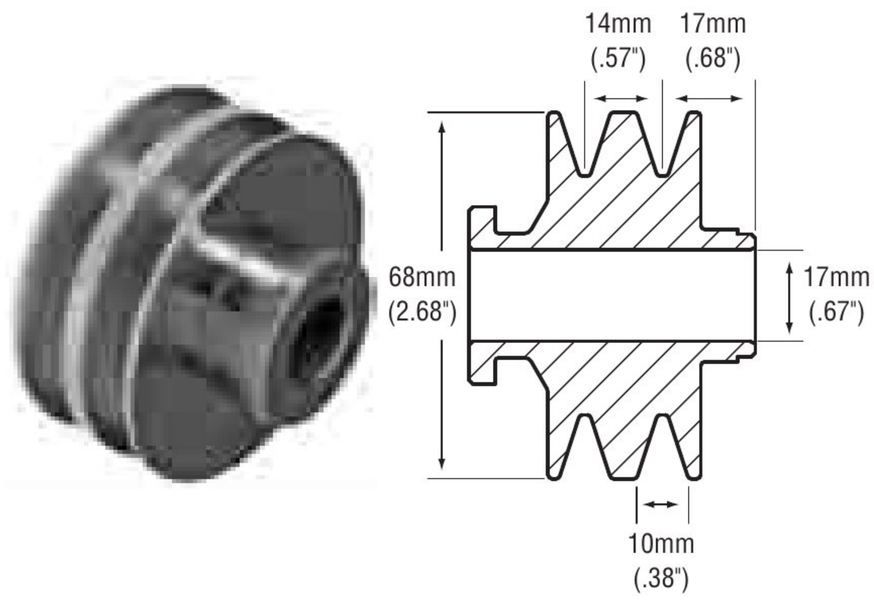
For: Chrysler Round Back, Square Back ER/IF Alternators
Used On: (1987-75) Chrysler, Dodge, Plymouth
Replaces: Chrysler 2095430, 2444478, 4106094
Dim: 10mm Belt x 68mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

2-Groove



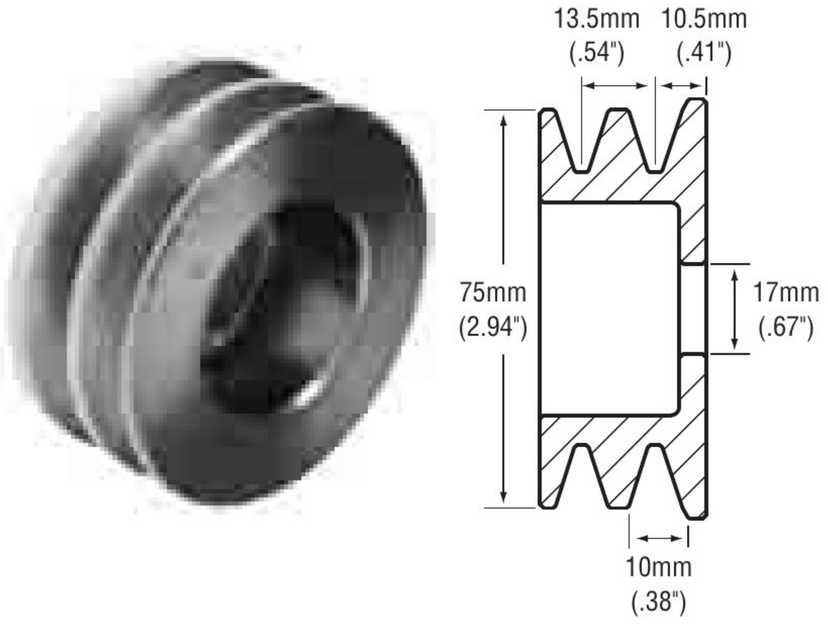
24-3102
Pulley - 2-Groove

For: Chrysler Round Back, Square Back ER/IF Alternators
Used On: (1981-75) Chrysler, Dodge, Plymouth
Replaces: Chrysler 2098272
Dim: 13mm Belts x 82mm OD x 17mm Bore



24-3103
Pulley - 2-Groove

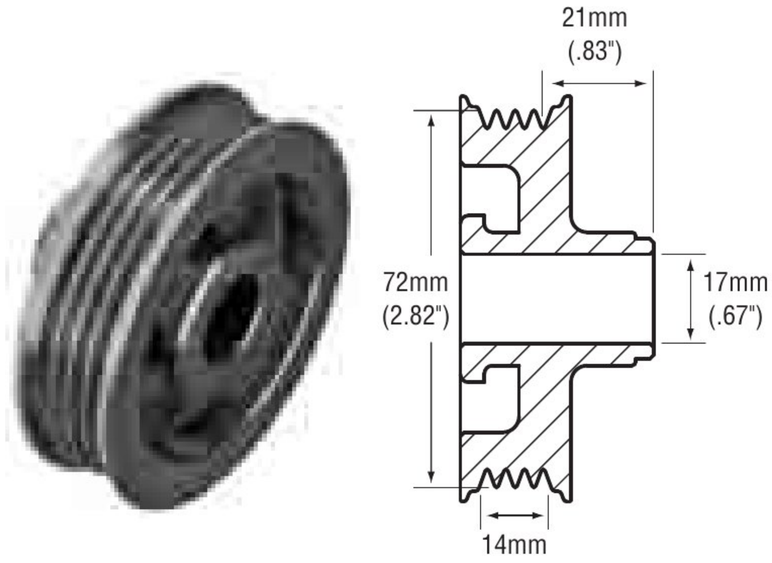
For: Chrysler Revised Square Back ER/IF Alternators
Used On: (1987-75) Chrysler, Dodge, Plymouth
Replaces: Chrysler 3656571, 4091895, 4111768
Dim: 10mm Belts x 68mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel



24-3105
Pulley - 2-Groove

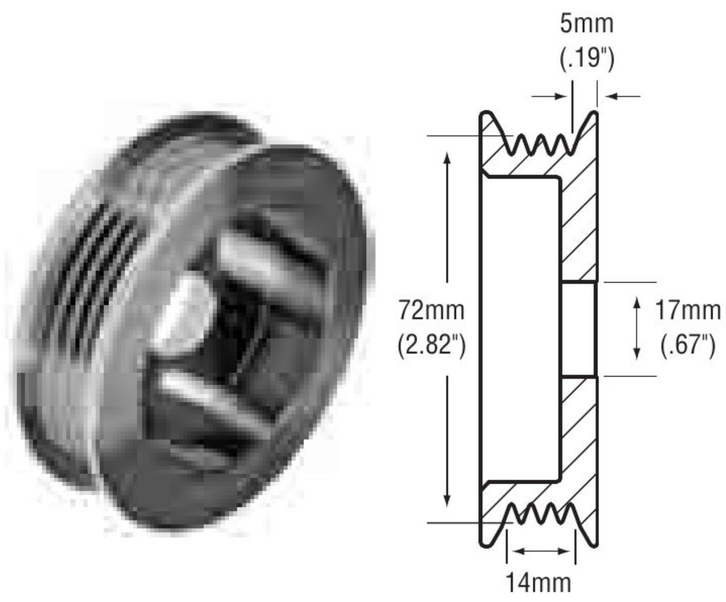
For: Chrysler 40/90, 50/120A ER/EF Alternators
Used On: (1989-87) Chrysler, Dodge, Plymouth
Replaces: Chrysler 5227174
Dim: 10mm Belts x 75mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel

4-Groove



24-3250
Pulley - 4-Groove

For: Chrysler Revised Square Back ER/IF Alternators
Used On: (1987-83) Chrysler, Dodge, Plymouth
Replaces: Chrysler 4339481, 5213564, 5213760
Dim: 14mm Belt x 72mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel



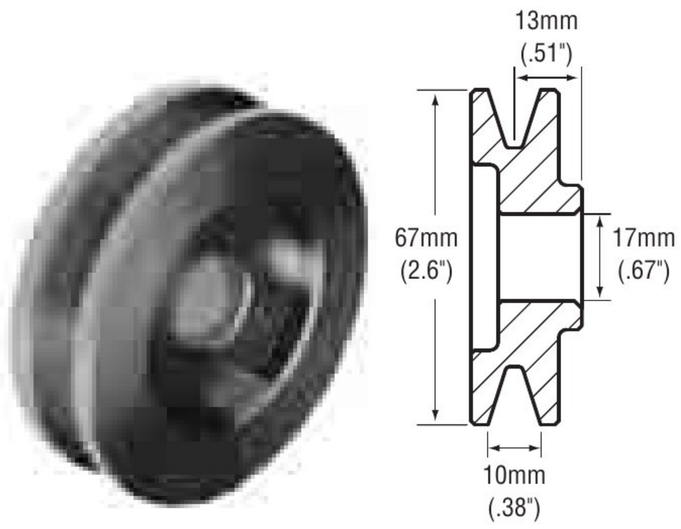
24-3251
Pulley - 4-Groove

For: Chrysler 40/90, 50/120A ER/EF Alternators
Used On: (1989-85) Chrysler, Dodge, Plymouth
Replaces: Chrysler 5226032, 5233114
Dim: 14mm Belt x 72mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

DELCO

1-Groove



24-1100-1

Pulley - 1-Groove

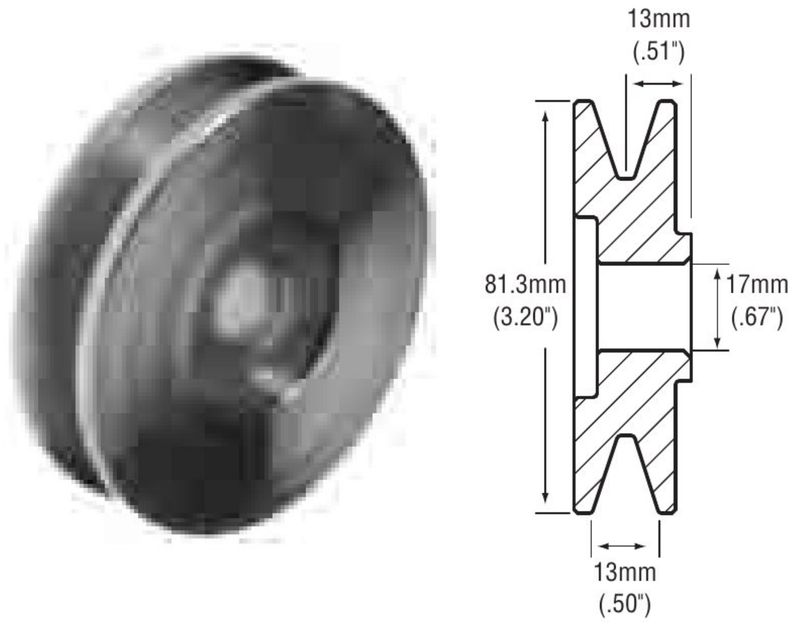
For: Delco 10DN ER/EF; 10SI, 12SI, 15SI, 27SI/Type 100 Series IR/EF; Ford 1G Series ER/EF, 2G Series IR/EF Alternators
Used On: (1992-73) AMC, Buick, Cadillac, Chevrolet, Ford, GMC, Jeep, Lincoln, Mercury, Oldsmobile, Pontiac
Replaces: Delco 1893675, 1949356, 1970757, 10476394, 10495192;
Ford C5AZ-10344-K, C9AF-10A352-B, E87F-10A352-AA, E8TZ-10344-A, GP-493, GP-652
Dim: 10mm Belt x 67mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-1103

Pulley - 1-Groove

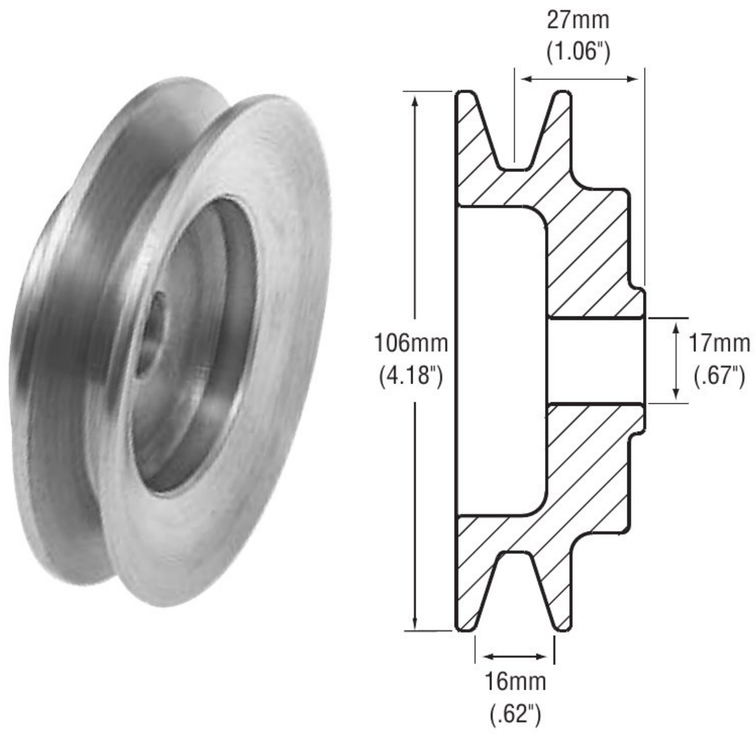
For: Delco 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, CS130, CS144 Series IR/EF; Ducellier / Valeo, Paris Rhone / Valeo IR/EF Alternators
Used On: (1993-75) AMC, Buick, Cadillac, Chevrolet, DeLorean, GMC, Jeep, Oldsmobile, Peugeot, Pontiac, Renault
Replaces: Delco 1978065, 1978067, 10495191, 10495192, 10498301; Ducellier 669244; Paris Rhone 96880
Dim: 10mm Belt x 66mm OD x 17mm Bore
Note: Without hub, requires 46-1601-1 pulley spacer when used on Delco alternators



24-1104

Pulley - 1-Groove

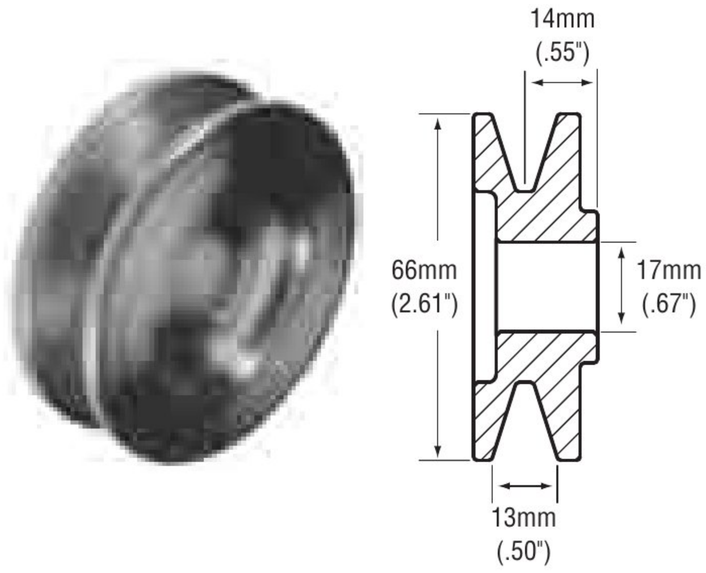
For: Delco 10SI/Type 116 Series IR/EF Alternators
Used On: John Deere
Replaces: John Deere R52159
Dim: 13mm Belt x 81mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-1105

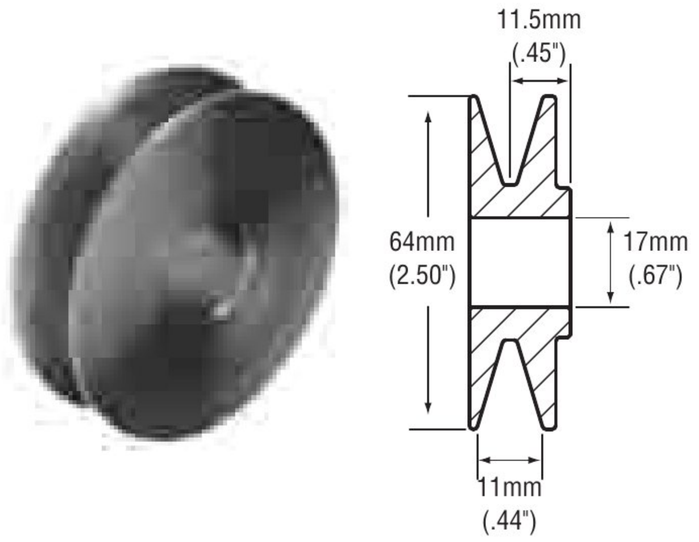
Pulley - 1-Groove

For: Delco 10SI/Type 116 Series IR/EF Alternators
Used On: IHC
Replaces: IHC 384645-R1
Dim: 16mm Belt x 106mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



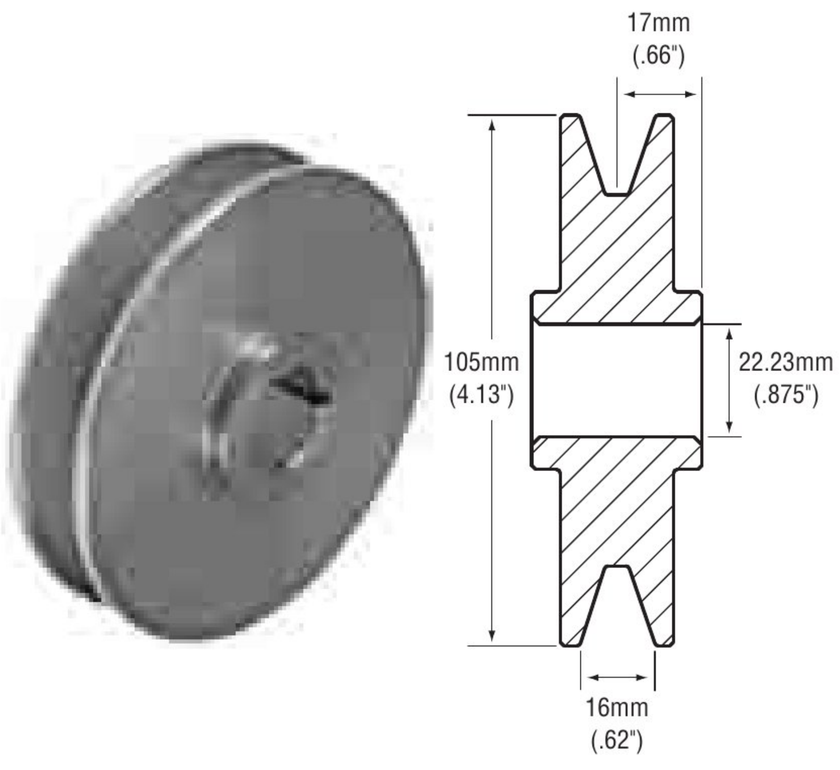
24-1109
Pulley - 1-Groove

For: Delco 10SI Series Alternators
Used On: Agricultural, Industrial Applications
Replaces: Delco 1961291
Dim: 13mm Belt x 66mm OD x 17mm Bore w/ Keyway
Features:
• Machined pulley cut from cold rolled steel



24-1111
Pulley - 1-Groove

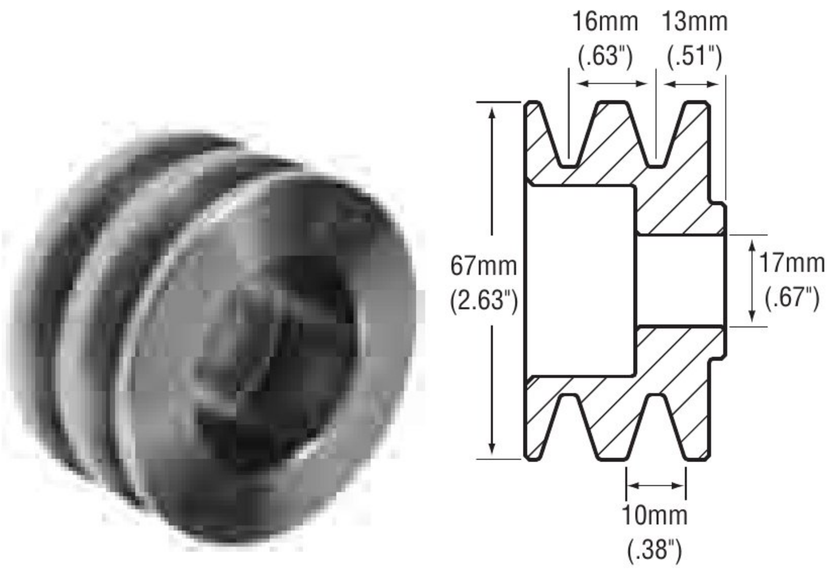
For: Converting Delco & Ford Generators to Delco 10DN, 27SI/100 Series or Ford 40-65A Alternators
Dim: 11mm Belt x 64mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-1503
Pulley - 1-Groove

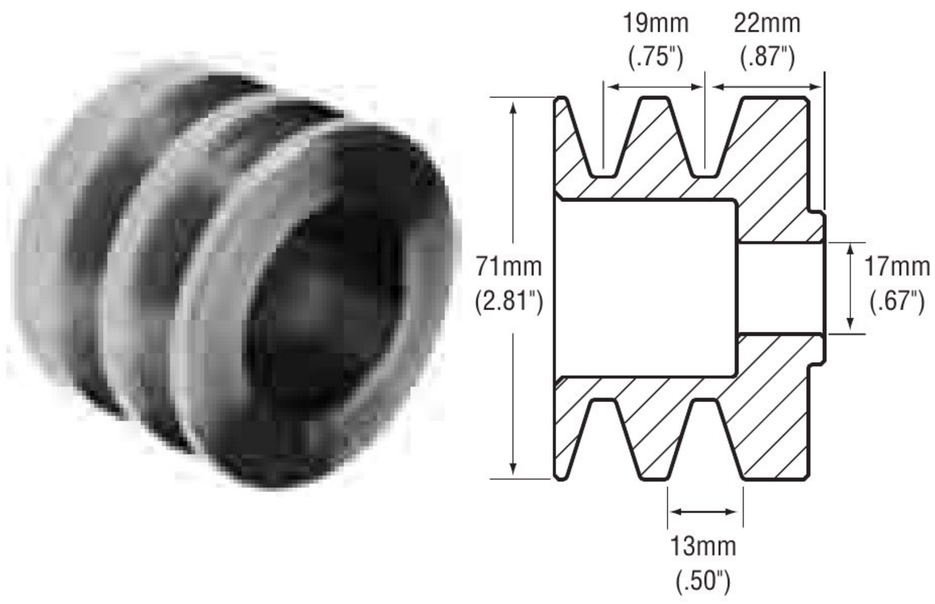
For: Delco 25SI Series IR/EF Alternators
Used On: Caterpillar, Clark, Fiat-Allis, John Deere
Replaces: Caterpillar 4N8090, 4N8225
Dim: 16mm Belt x 105mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
• Machined pulley cut from cold rolled steel

2-Groove



24-1101
Pulley - 2-Groove

For: Delco 10DN ER/EF; 10SI, 12SI, 15SI, 27SI/Type 100 Series IR/EF Alternators; Ford 1G Series ER/EF, 2G Series IR/EF Alternators
Used On: (1991-73) AMC, Buick, Chevrolet, Ford, GMC, Jeep, Mercury, Oldsmobile, Pontiac
Replaces: Delco 1846787, 1964758, 1968354, 1970830; Ford C5AZ-10344-L, C5TF-10A352-K2, C9AF-10A352-C, E4TZ-10344-B, E6SF-10A352-AA, E6SZ-10344-A, GP-494, GP-617, GP-629
Dim: 10mm Belts x 67mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

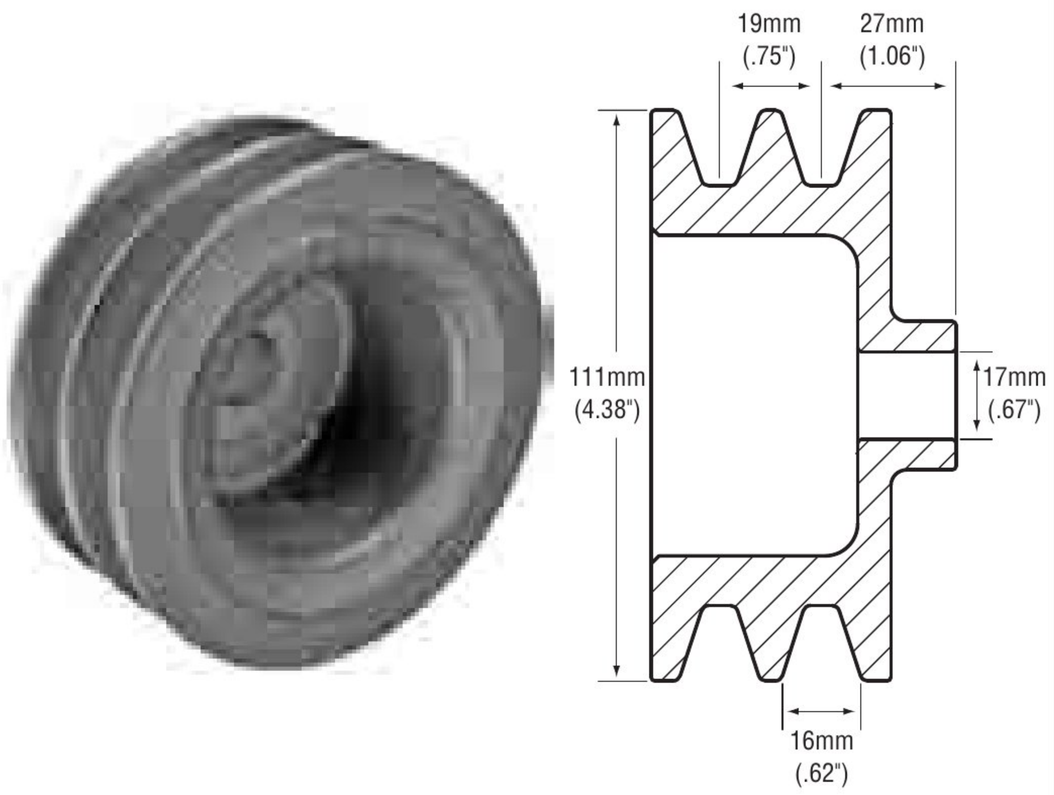


24-1102
Pulley - 2-Groove

For: Delco 10DN, 10SI Series IR/EF Alternators
Used On: (1975-74) Chevrolet, GMC
Replaces: Delco 1877007, 3947125
Dim: 13mm Belts x 71mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

DELCO

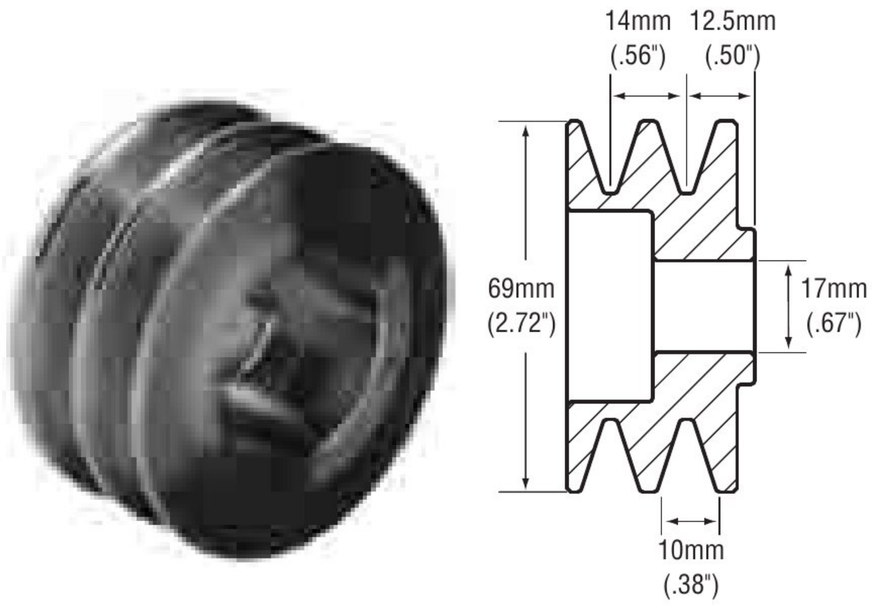
2-Groove (cont'd.)



24-1106

Pulley - 2-Groove

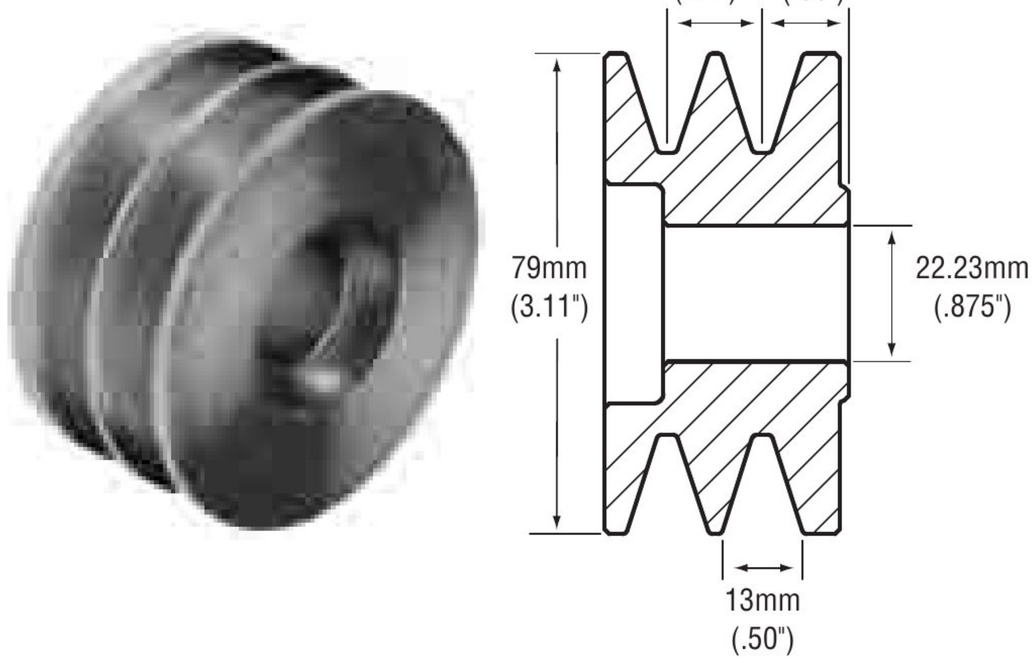
For: Delco 10SI/Type 116 Series IR/EF Alternators
Used On: IHC
Replaces: IHC 537070-R1
Dim: 16mm Belts x 111mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-1110

Pulley - 2-Groove

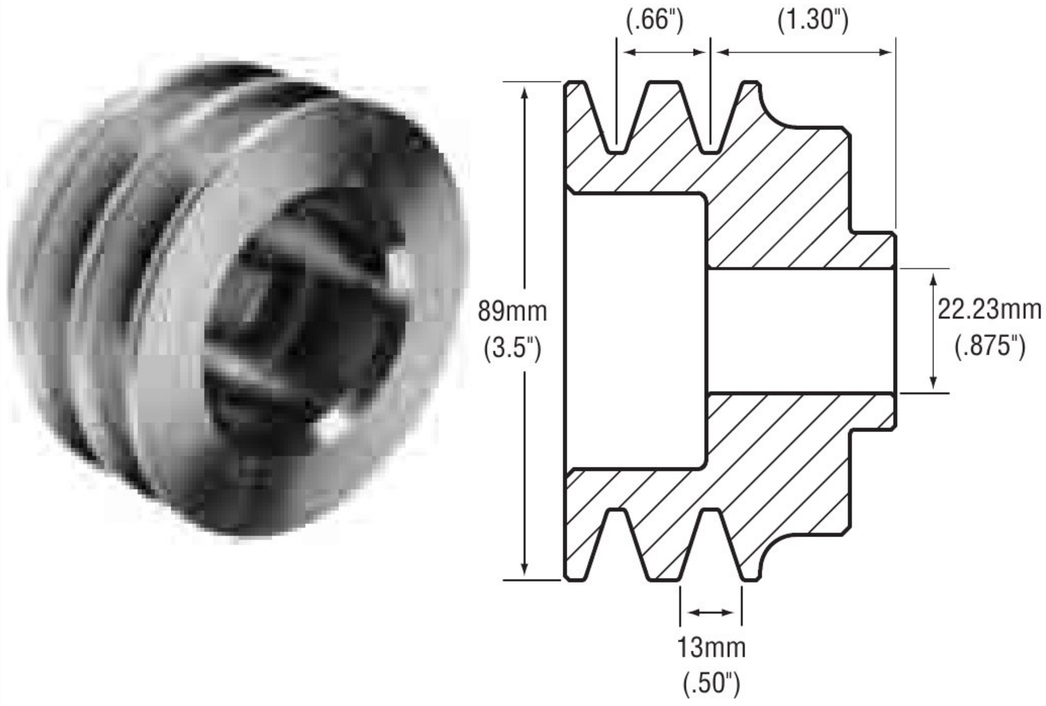
For: Delco 10DN Series ER/EF Alternators
Replaces: Delco 1961408
Dim: 10mm Belts x 69mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-1500

Pulley - 2-Groove

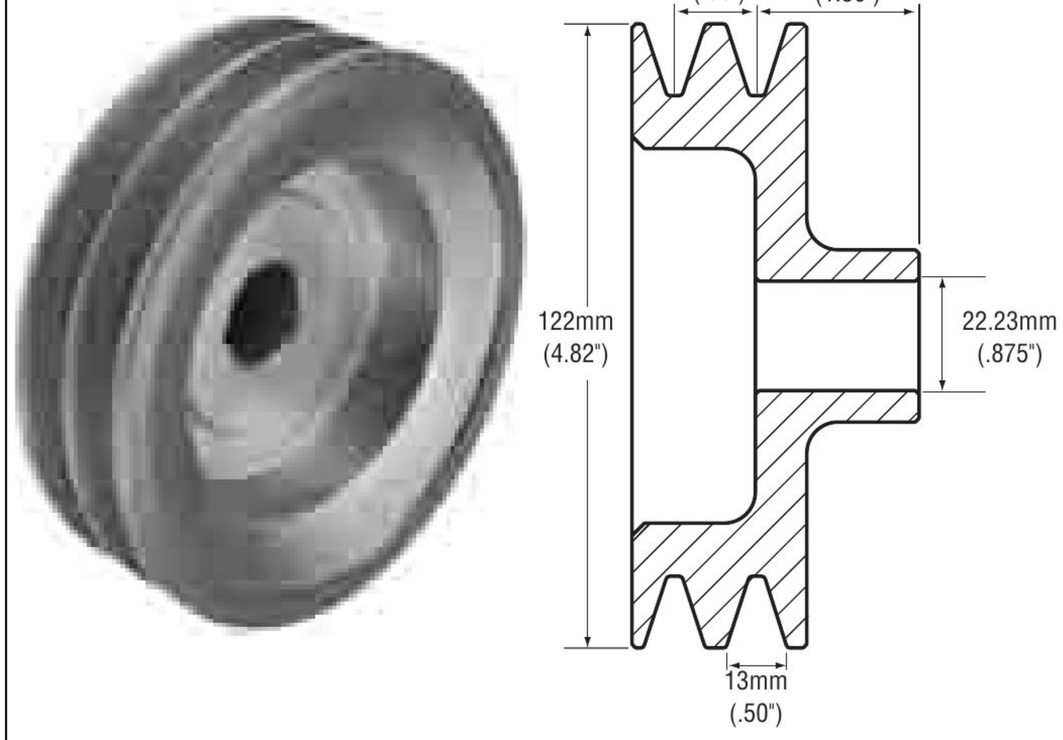
For: Delco 25SI, 27SI/Type 200, 29SI, 30SI Series IR/EF; Leece-Neville 2300-2800JB Series Alternators
Replaces: Delco 1953071, 1962567; Leece-Neville 73981, 76699
Dim: 13mm Belts x 79mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
• Machined pulley cut from cold rolled steel



24-1501

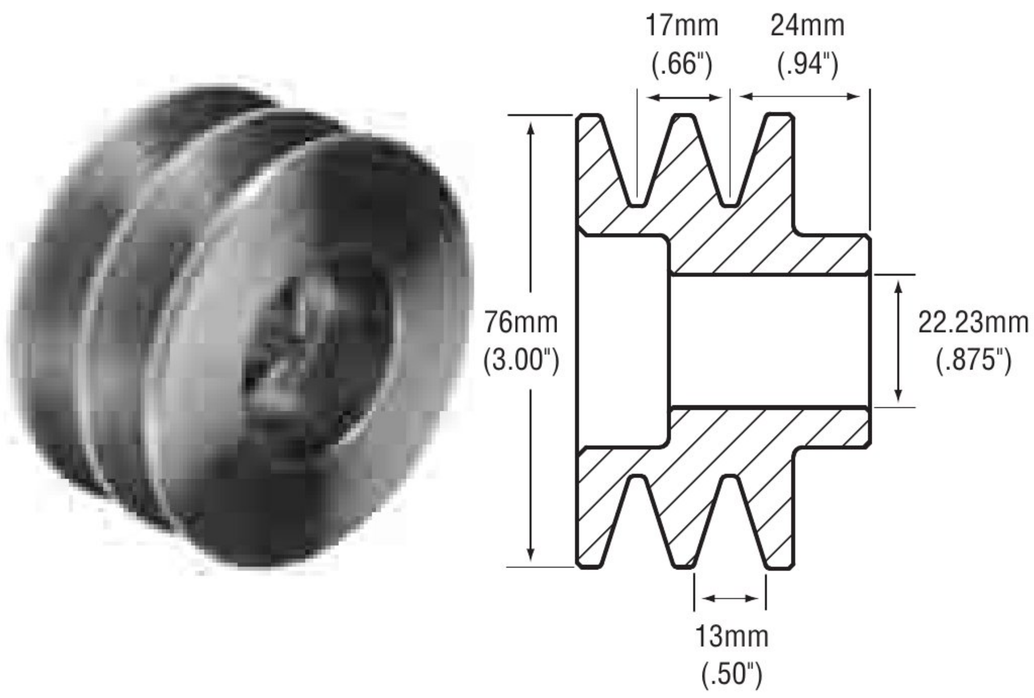
Pulley - 2-Groove

For: Delco 25SI, 29SI, 30SI Series IR/EF; Leece-Neville 2300-2800JB Series Alternators
Used On: Kenworth, Mack, Peterbilt w/ Cummins 6 Cyl. (Diesel) Engine
Replaces: Cummins 213326; Delco 1938553; Prestolite 34-111
Dim: 13mm Belts x 89mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
• Machined pulley cut from cold rolled steel



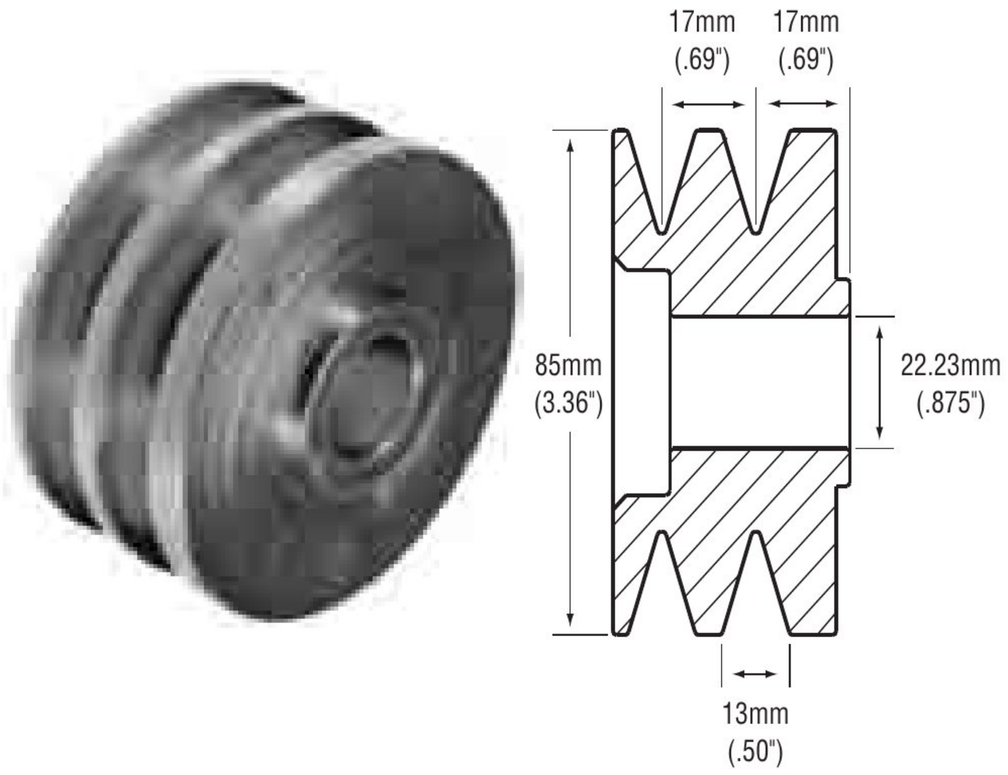
24-1502
Pulley - 2-Groove

For: Delco 25SI Series IR/EF Alternators
Used On: Freightliner, Kenworth, Peterbilt, White Trucks w/ Cummins (Diesel)
Replaces: Freightliner 01-12929-0; Kenworth K187-310
Dim: 13mm Belts x 122mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
- Machined pulley cut from cold rolled steel



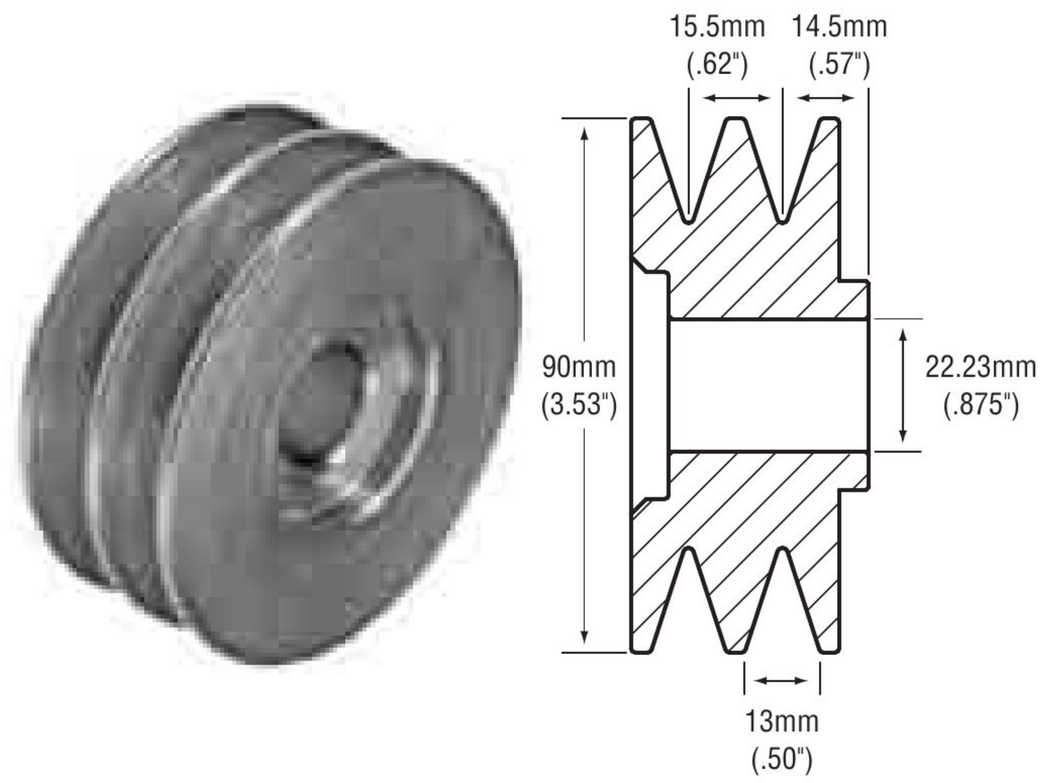
24-1504
Pulley - 2-Groove

For: Delco 30SI/TR Series IR/EF Alternators
Used On: Chevrolet, GMC Truck w/ 671 Detroit Diesel Engine
Dim: 13mm Belts x 76mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
- Machined pulley cut from cold rolled steel



24-1507
Pulley - 2-Groove

For: Delco 21SI, 22SI, 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Used On: Ford Truck
Replaces: Delco 830279; Ford D4HZ-10344-A, GP-589
Dim: 13mm Belts x 85mm OD x 22.23mm (7/8") Bore
Features:
- Machined pulley cut from cold rolled steel



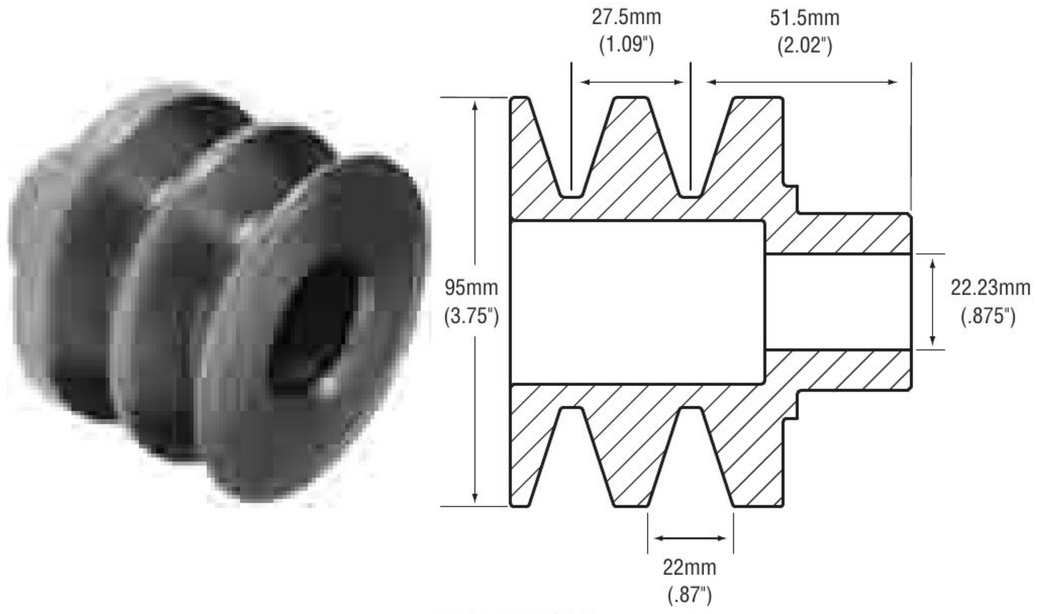
24-1509
Pulley - 2-Groove

For: Delco 21SI Series IR/EF Alternators
Used On: (1993) Consolidated Diesel, Cummins, Detroit Diesel, Ford Truck, Mack, Volvo White-GMC
Replaces: IHC 1687644C1
Dim: 13mm Belts x 90mm OD x 22.23mm (7/8") Bore
Features:
- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

DELCO

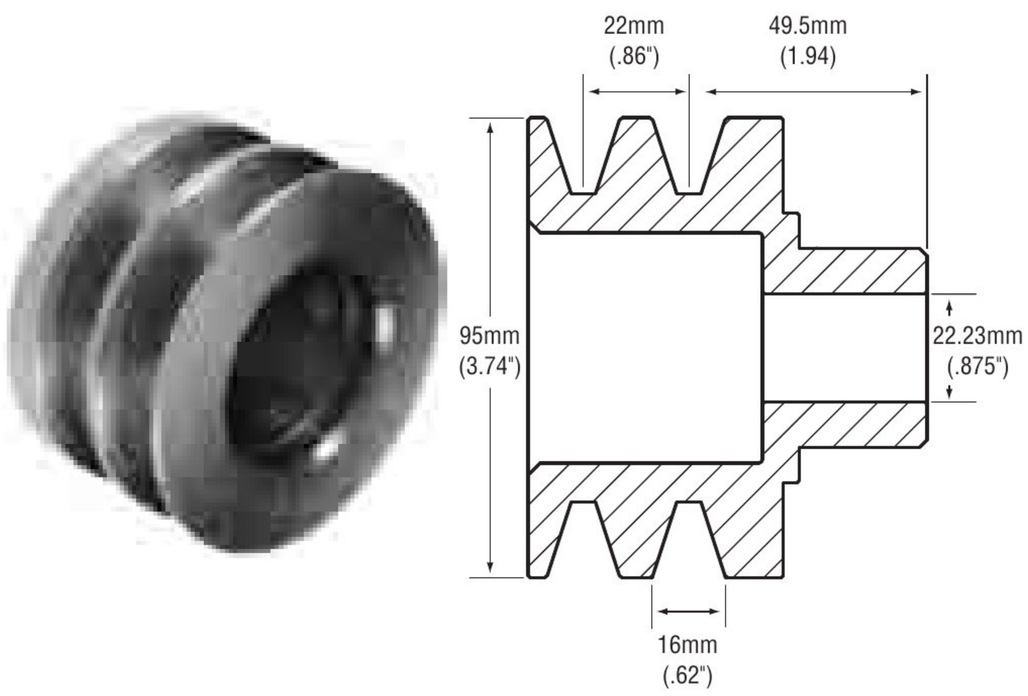
2-Groove (cont'd.)



24-6501

Pulley - 2-Groove

For: Delco 20SI Series IR/EF, Prestolite ANB Series Alternators
Used On: Caterpillar, Cummins
Replaces: Caterpillar 9S6129
Dim: 22mm Belts x 95mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
- Machined pulley cut from cold rolled steel

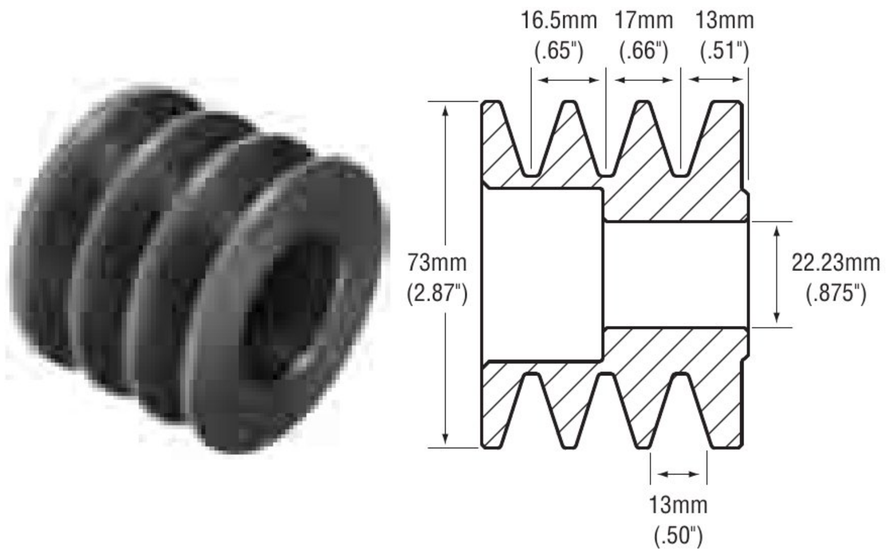


24-6502

Pulley - 2-Groove

For: Delco 20SI Series IR/EF, Prestolite ANB Series Alternators
Used On: Caterpillar
Replaces: Caterpillar 5S7609
Dim: 16mm Belts x 95mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
- Machined pulley cut from cold rolled steel

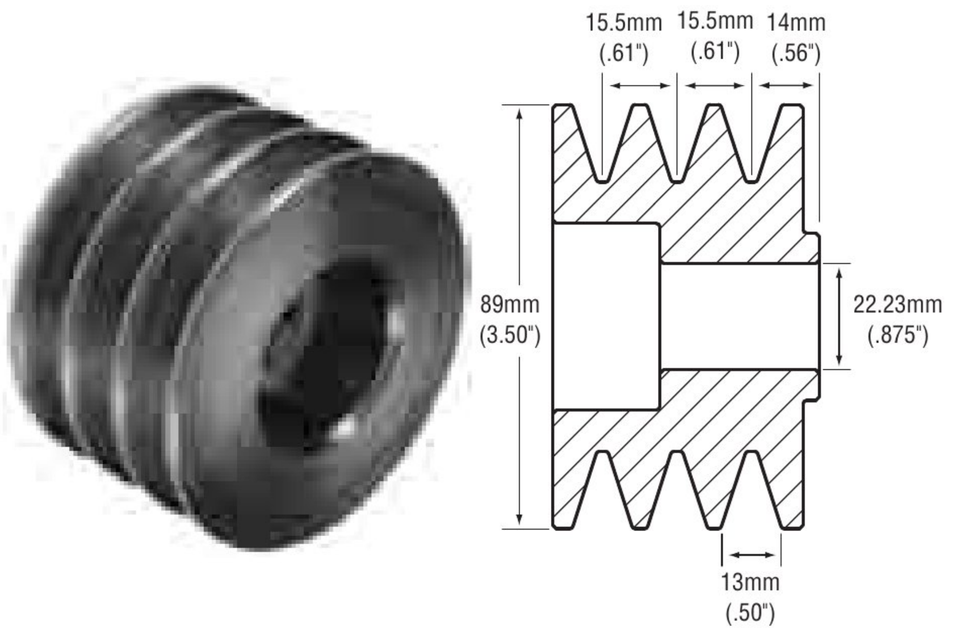
3-Groove



24-1505

Pulley - 3-Groove

For: Delco 27SI/Type 205 Series IR/EF Alternators
Used On: Chevrolet, GMC Truck, IHC Truck
Replaces: Delco 2048694
Dim: 13mm Belts x 73mm OD x 22.23mm (7/8") Bore
Features:
- Machined pulley cut from cold rolled steel

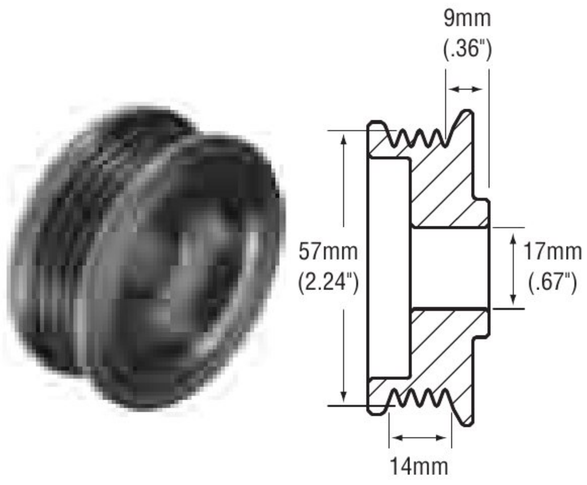


24-1506

Pulley - 3-Groove

For: Delco 25SI, 29SI, 30SI Series IR/EF Alternators
Used On: Mack Trucks
Replaces: Mack Truck 310GC276
Dim: 13mm Belts x 89mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
- Machined pulley cut from cold rolled steel

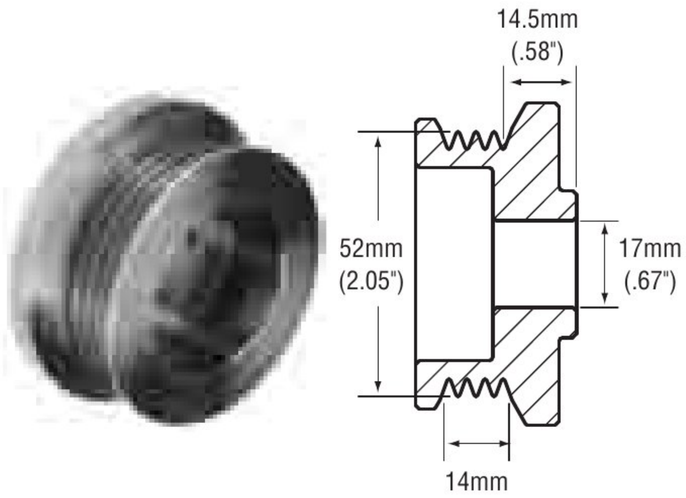
4-Groove



24-1252

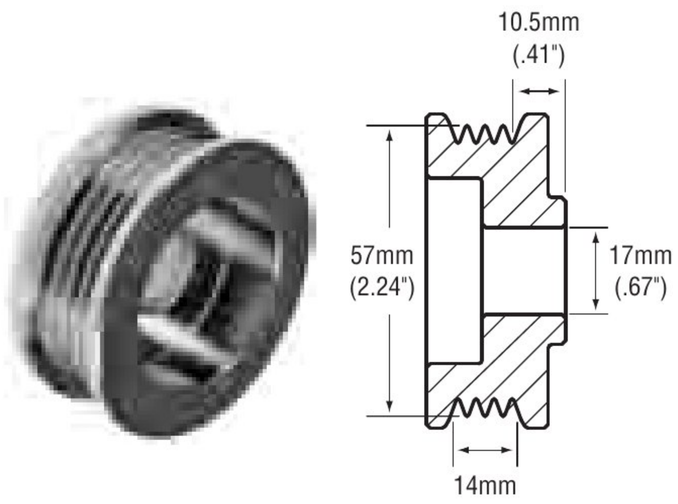
Pulley - 4-Groove

For: Delco 12SI, 17SI, CS144 Series IR/EF Alternators
Used On: (1986-84) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 1989030
Dim: 14mm Belt x 57mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-1253
Pulley - 4-Groove

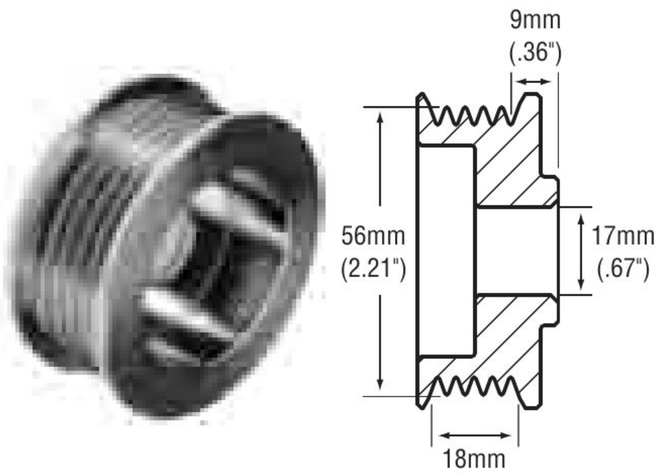
For: Delco 12SI, CS121, CS130 Series IR/EF Alternators
Used On: (1991-85) Buick, Oldsmobile, Pontiac
Replaces: Delco 1987648
Dim: 14mm Belt x 52mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-1264
Pulley - 4-Groove

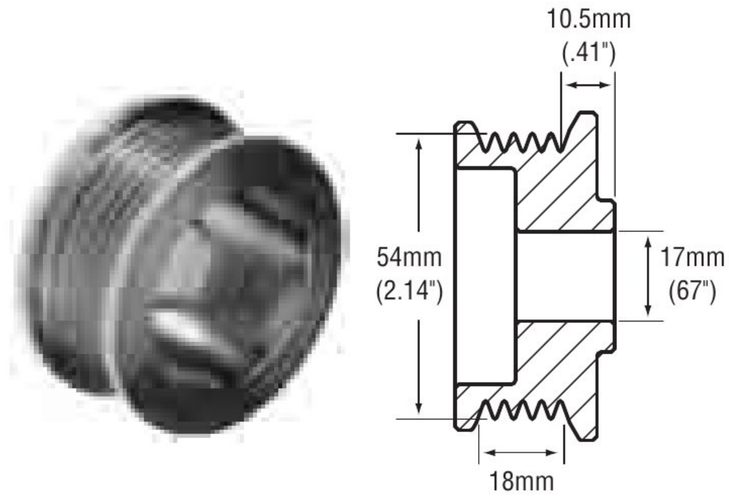
For: Delco 12SI, CS130 Series IR/EF Alternators
Used On: (1992-85) Chevrolet, GMC
Replaces: Delco 10495514
Dim: 14mm Belt x 57mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required

5-Groove



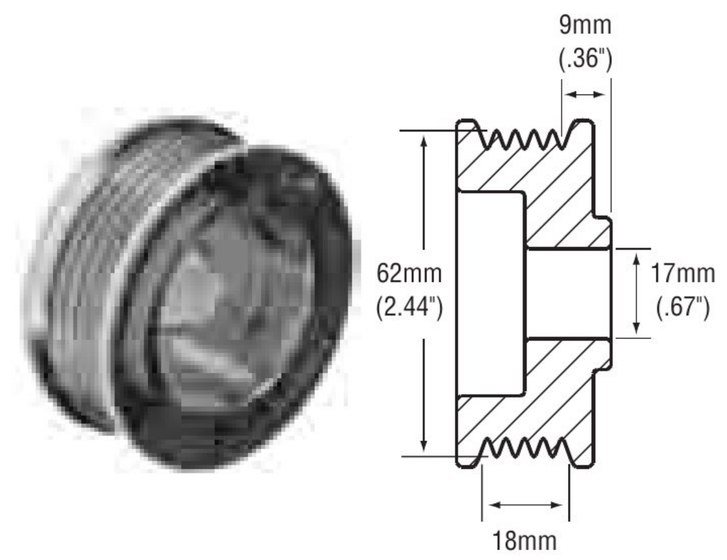
24-1254
Pulley - 5-Groove

For: Delco CS130 Series IR/EF Alternators
Used On: (1996-92) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10473389
Dim: 18mm Belt x 56mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



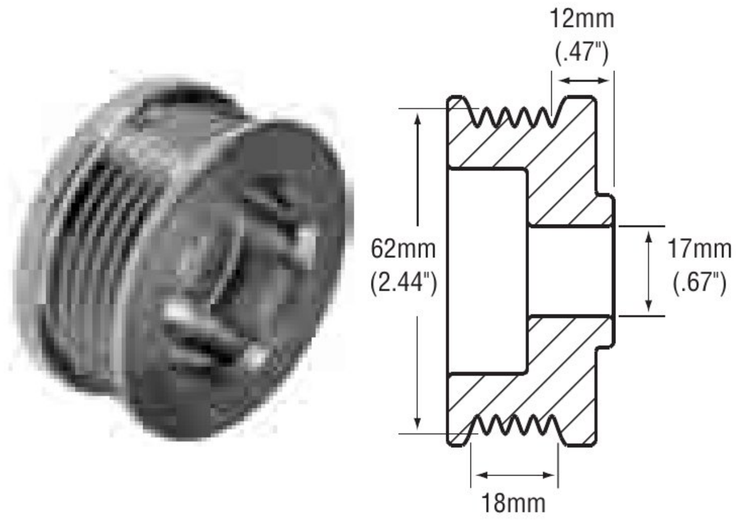
24-1257
Pulley - 5-Groove

For: Delco 10SI, 12SI, 17SI, 27SI, CS130, CS144 Series IR/EF Alternators
Used On: (1995-85) Chevrolet, GMC, Pontiac
Replaces: Delco 10495231, 10497102, 10497174, 10498149
Dim: 18mm Belt x 54mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-1259
Pulley - 5-Groove

For: Delco 12SI, CS121, CS130 Series IR/EF Alternators
Used On: (1994-84) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 1987524, 10498446
Dim: 18mm Belt x 62mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



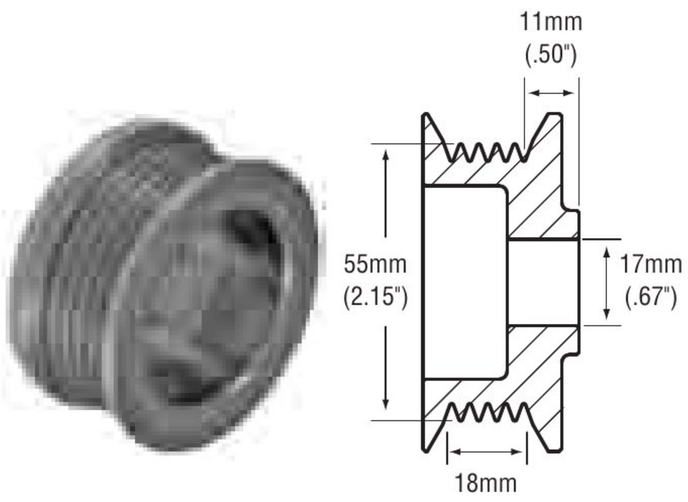
24-1265
Pulley - 5-Groove

For: Delco CS130 Series IR/EF Alternators
Used On: (1995-88) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10499041
Dim: 18mm Belt x 62mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required

ALTERNATOR - PULLEYS (24-)

DELCO

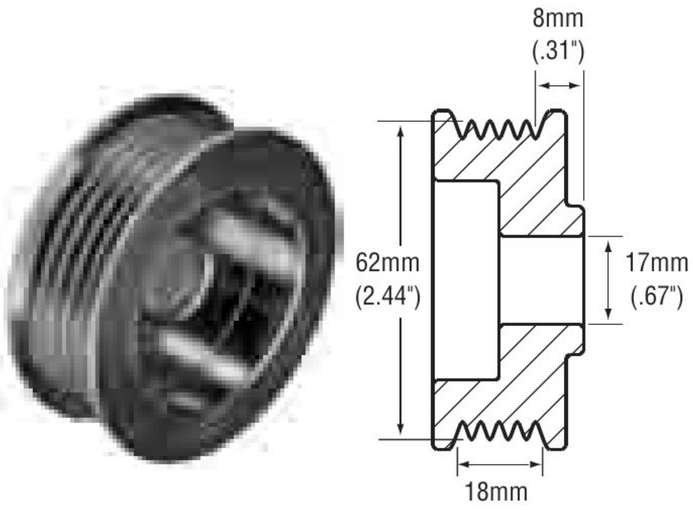
5-Groove (cont'd.)



24-1267

Pulley - 5-Groove

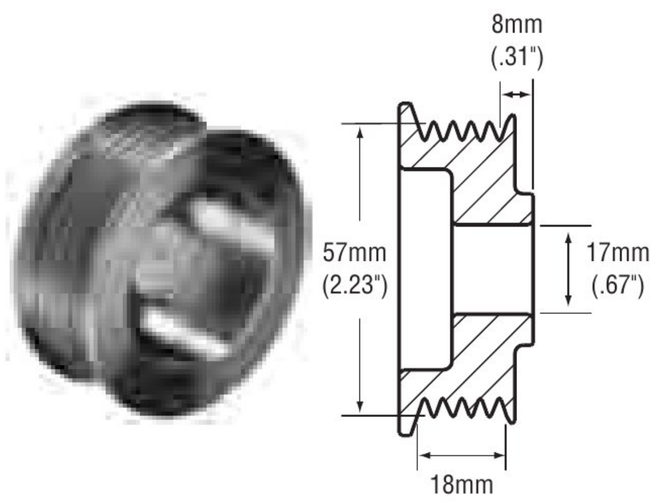
For: Delco CS121 Series IR/EF Alternators
Used On: (1995-89) Geo, Toyota
Replaces: Delco 10469511
Lester Nos: 13412, 13483, 8106, 8128, 8153
Dim: 18mm Belt x 55mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-1278

Pulley - 5-Groove

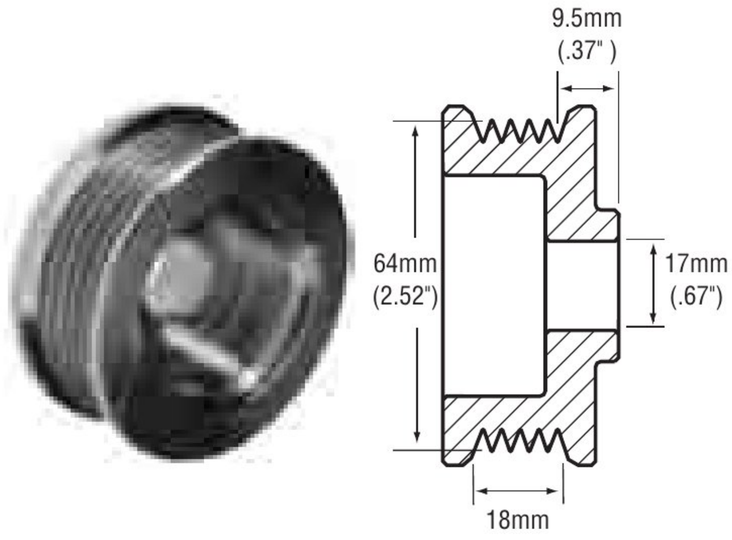
For: Delco CS130D Series IR/IF Alternators
Used On: (1995) Chevrolet, Pontiac
Replaces: Delco 10477147
Unit Nos: Delco 10463605, 10480074
Lester Nos: 8190
WAI Ref. Nos: 1-1986-41DR
Dim: 18mm Belt x 62mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel



24-1280

Pulley - 5-Groove

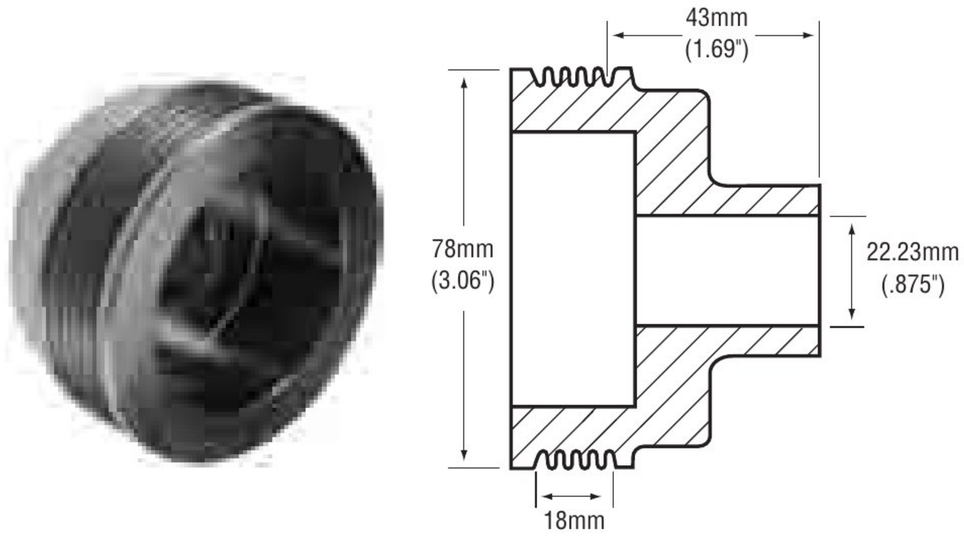
For: Delco CS130D Series IR/IF Alternators
Used On: (2002-96) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10489052
Dim: 18mm Belt x 57mm OD x 17mm Bore
Features:
- Machined steel pulley cut from cold rolled steel



24-1284

Pulley - 5-Groove

For: Delco 12SI, CS121, CS130 IR/EF; CS121D IR/IF Series Alternators
Used On: (2002-85) Buick, Chevrolet, GMC, Oldsmobile, Pontiac, Saturn
Replaces: Delco 10497100
Dim: 18mm Belt x 64mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required

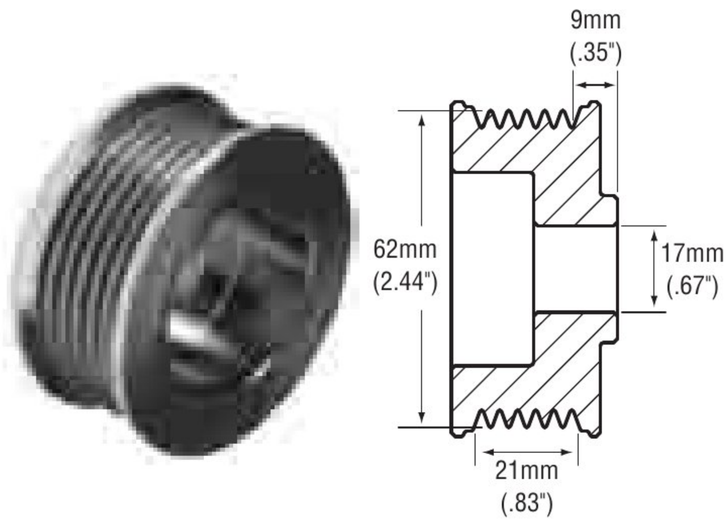


24-7751

Pulley - 5-Groove

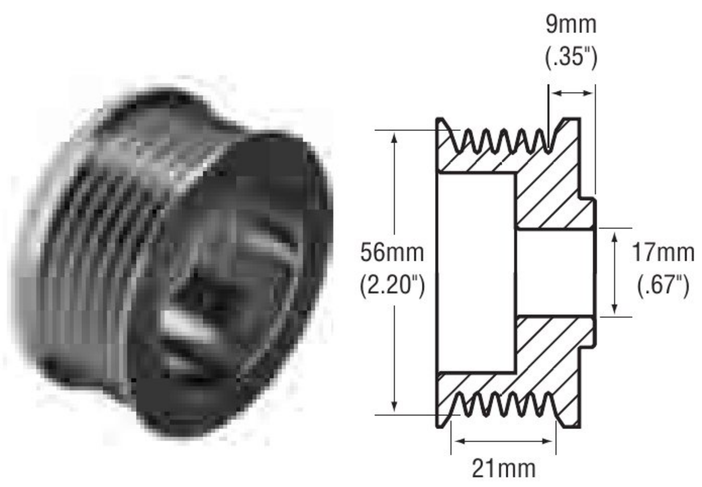
For: Delco 30SI Series IR/EF; Motorola Alternators
Used On: Cummins, Michigan Loader, Ingersoll-Rand
Replaces: Cummins 3002323
Dim: 18mm Belt x 78mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
- Machined pulley cut from cold rolled steel

6-Groove



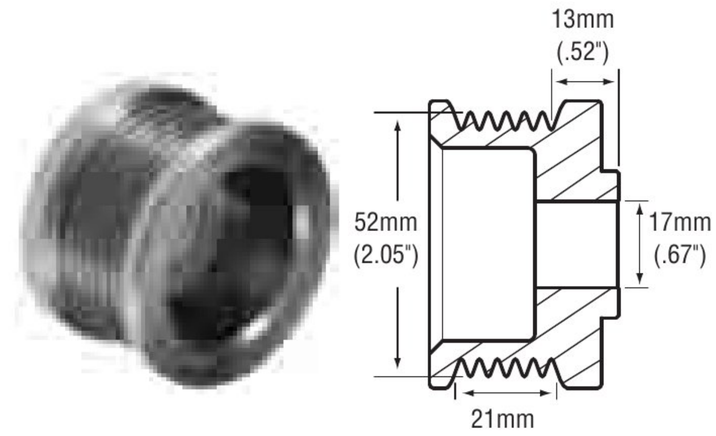
24-1250
Pulley - 6-Groove

For: Delco 10SI, 12SI, 15SI, 17SI, CS130, CS144 Series IR/EF Alternators
Used On: (2002-82) Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac
Replaces: Delco 1989104, 10498550
Dim: 21mm Belt x 62mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



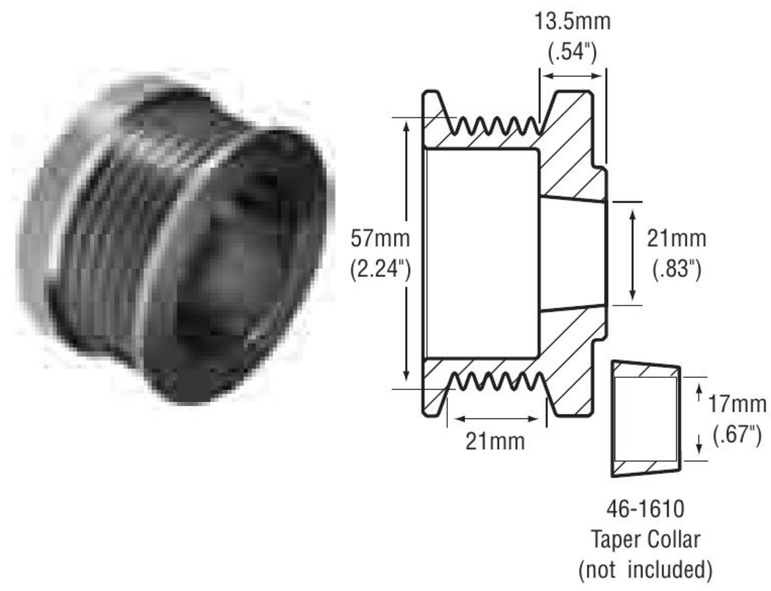
24-1255-3
Pulley - 6-Groove

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI, CS121, CS130, CS144 Series IR/EF Alternators; Ford 1G Series ER/EF, 2G Series IR/EF Alternators
Used On: (2000-79) AMC, Buick, Cadillac, Chevrolet, Chevrolet Truck, Dodge, Eagle, Ford, GMC, GMC Truck, Isuzu, Jeep, Lincoln, Mercury, Oldsmobile, Pontiac
Replaces: Delco 1979422, 1985964, 10496811, 10497175; Ford D9AF-10A352-AA, D9AZ-10344-A, E2AF-10A352-CA, E6DF-10A352-HA, E6DZ-10344-C, E6DZ-10344-E, E7LZ-10344-A, GP-599, GP-625, GP-634, GP-637
Dim: 21mm Belt x 56mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



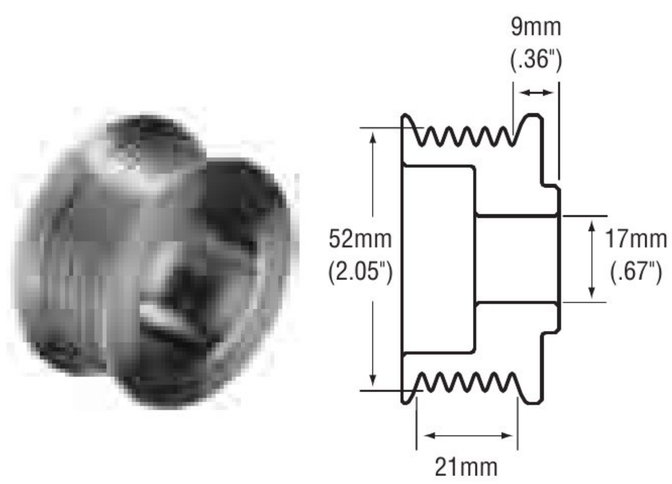
24-1261
Pulley - 6-Groove

For: Delco 17SI Series IR/EF Alternators
Replaces: Delco 1987376
Lester Nos: 7291
Dim: 21mm Belt x 52mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-1262
Pulley - 6-Groove

For: Delco 17SI, CS144 Series IR/EF Alternators
Used On: (1992-85) Cadillac
Replaces: Delco 10495541
Dim: 21mm Belt x 57mm OD x 21mm Bore* (17mm Shaft)
Note: *Requires 46-1610 taper collar (not included)
Features:
- Machined pulley cut from cold rolled steel



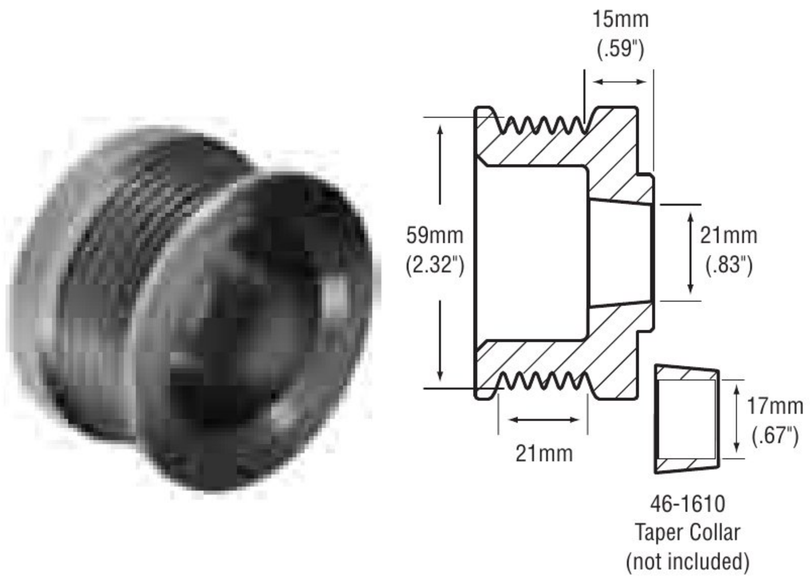
24-1263
Pulley - 6-Groove

For: Delco CS130 Series IR/EF Alternators
Used On: (1998-86) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10496580
Dim: 21mm Belt x 52mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required

ALTERNATOR - PULLEYS (24-)

DELCO

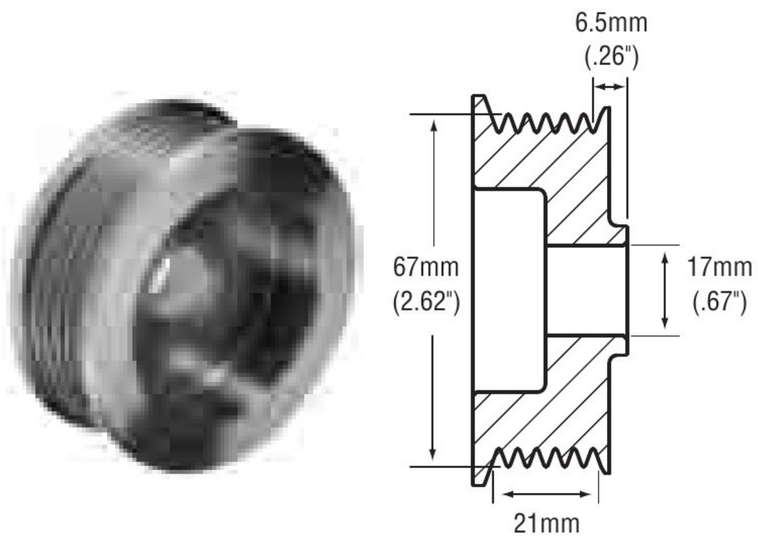
6-Groove (cont'd.)



24-1269

Pulley - 6-Groove

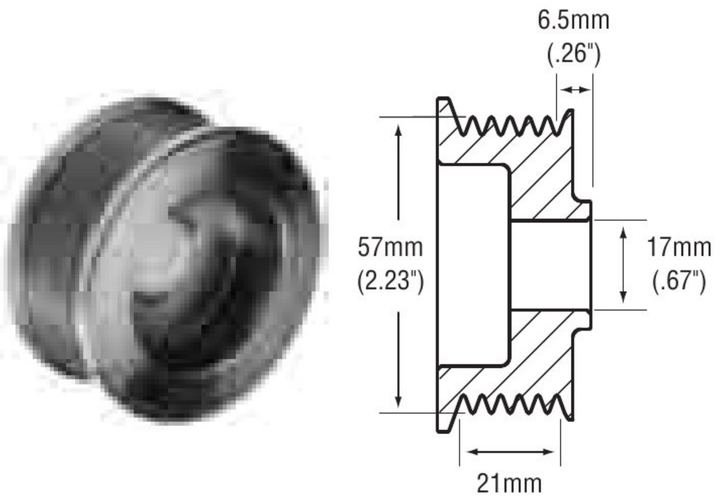
For: Delco CS144 Series IR/EF Alternators
Used On: (1995-91) Cadillac
Replaces: Delco 10471713
Dim: 21mm Belt x 59mm OD x 21mm Bore* (17mm Shaft)
Note: *Requires 46-1610 taper collar (not included)
Features:
• Machined pulley cut from cold rolled steel



24-1271

Pulley - 6-Groove

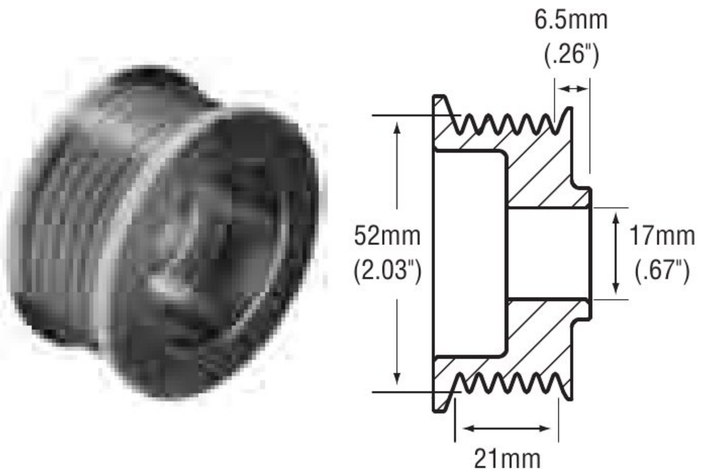
For: Delco CS130D Series IR/IF Alternators
Used On: (2002-94) Chevrolet, GMC, Isuzu, Oldsmobile
Replaces: Delco 10476225
Dim: 21mm Belt x 67mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-1272

Pulley - 6-Groove

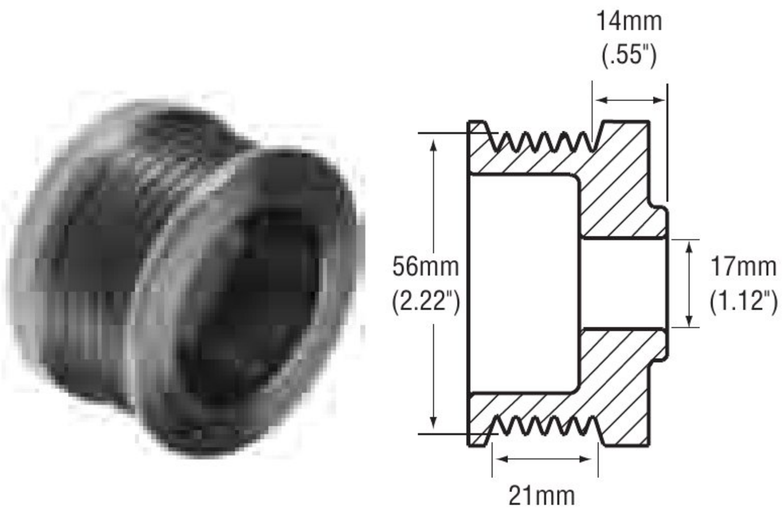
For: Delco AD230, AD244, CS130D Series IR/IF Alternators
Used On: (2005-94) Buick, Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac
Replaces: Delco 10475747
Dim: 21mm Belt x 57mm OD x 17mm Bore
Features:
• Machined steel pulley cut from cold rolled steel



24-1273

Pulley - 6-Groove

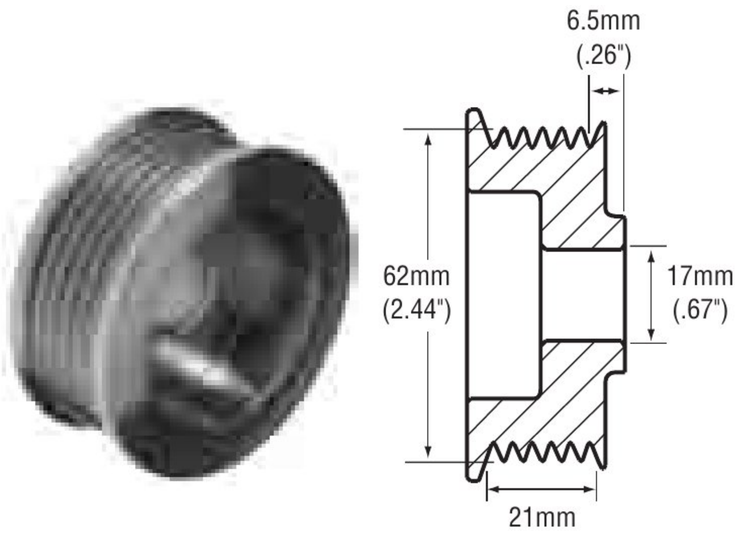
For: Delco CS130D Series IR/IF Alternators
Used On: (2001-93) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10476389
Dim: 21mm Belt x 52mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-1277

Pulley - 6-Groove

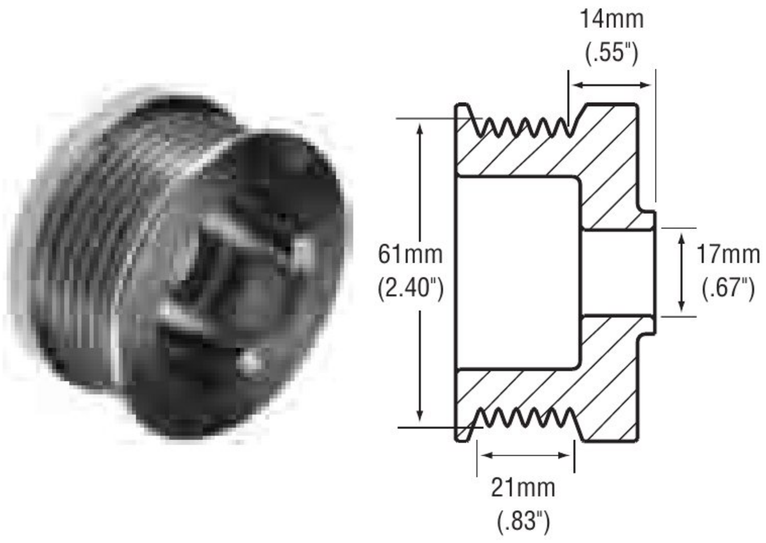
For: Delco CS144 Series IR/EF Alternators
Used On: (1995) Buick, Oldsmobile, Pontiac
Replaces: Delco 10476070
Dim: 21mm Belt x 56mm OD x 17mm Bore
Note: For late style pulley w/ 61mm OD use 24-1281
Features:
• Machined steel pulley cut from cold rolled steel



24-1279

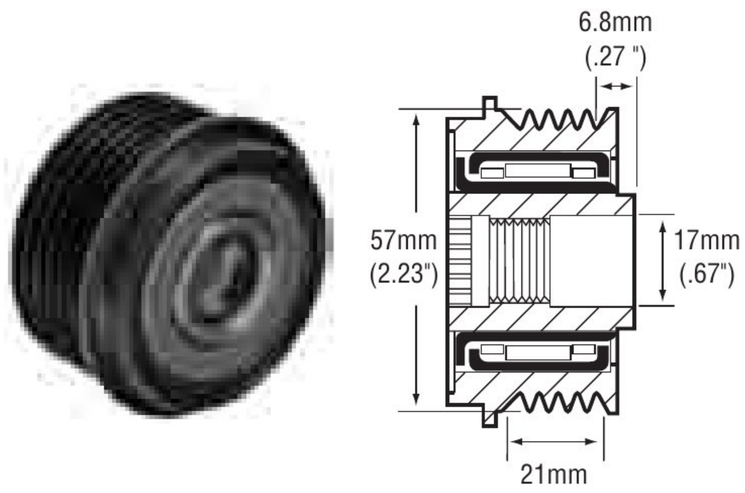
Pulley - 6-Groove

For: Delco AD237, CS130D Series IR/IF Alternators
Used On: (2005-95) Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10477425
Dim: 21mm Belt x 62mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



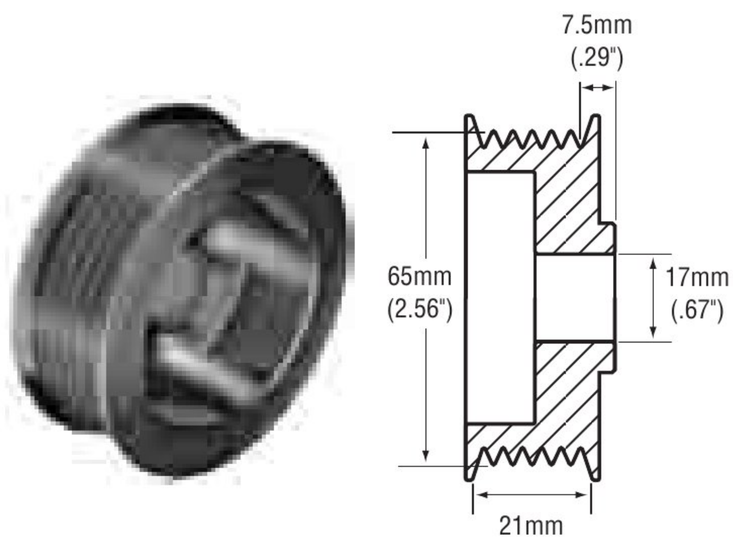
24-1281
Pulley - 6-Groove

For: Delco CS144 Series IR/EF Alternators
Used On: (1999-95) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10457238
Dim: 21mm Belt x 61mm OD x 17mm Bore
Note: For early style pulley w/ 56mm OD use 24-1277
Features:
• Machined steel pulley cut from cold rolled steel



24-1283
Pulley - 6-Groove

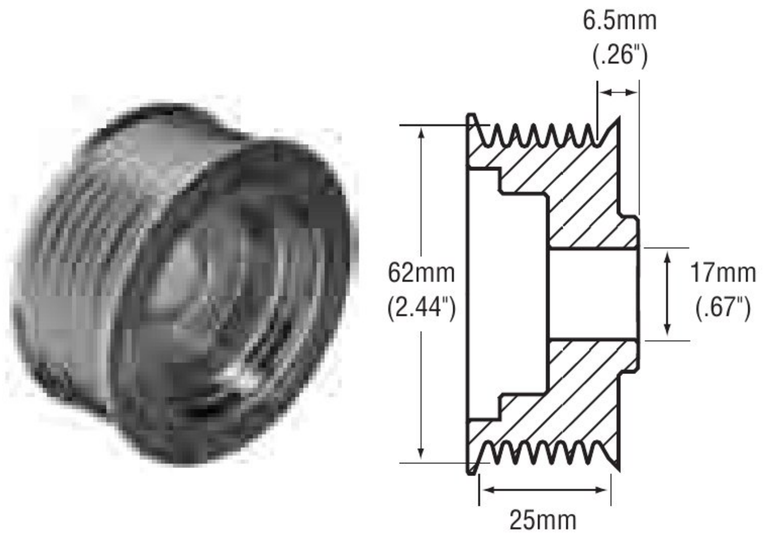
For: Delco AD237 Series IR/IF Alternators
Used On: (2002-99) Oldsmobile
Unit Nos: Delco 10480341
Lester Nos: 8241
WAI Ref. Nos: 1-2199-01DR
Dim: 21mm Belt x 57mm OD x 17mm Bore
Features:
• Overrunning Clutch



24-1286
Pulley - 6-Groove

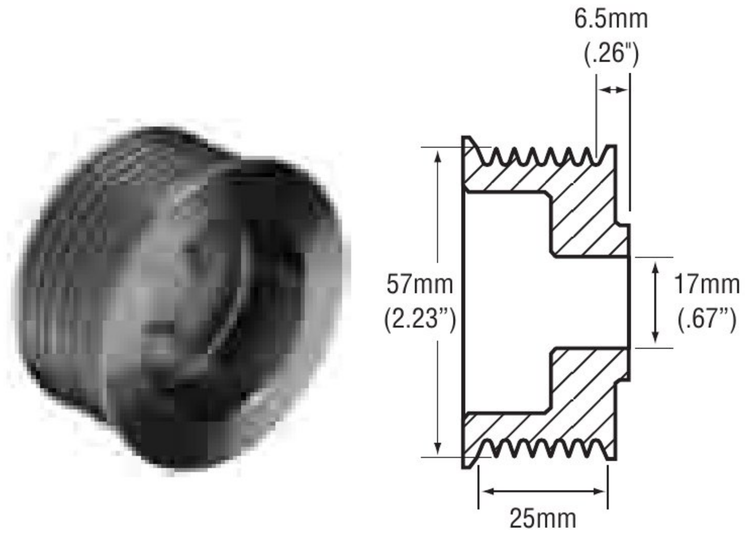
For: Delco CS130D Series IR/IF Alternators
Used On: (1999-97) Acura, Honda
Unit Nos: Delco 10480228; Honda 31100-P8A-A01, -A02
Lester Nos: 8220
WAI Ref. Nos: 1-2058-11DR
(cont'd.)
Dim: 21mm Belt x 65mm OD x 17mm Bore
Note: 7.5mm from hub to the center of the first groove. Similar to 24-1271 except 24-1271 is 6.5mm from hub to the center of the first groove.
Features:
• Machined pulley cut from cold rolled steel

7-Groove



24-1287
Pulley - 7-Groove

For: Delco AD230 Series IR/IF Alternators
Used On: Chevrolet, GMC Trucks
Replaces: Delco 10454679
Unit Nos: Delco 15769252
Lester Nos: 8490
WAI Ref. Nos: 1-2415-41DR
Dim: 25mm Belt x 62mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



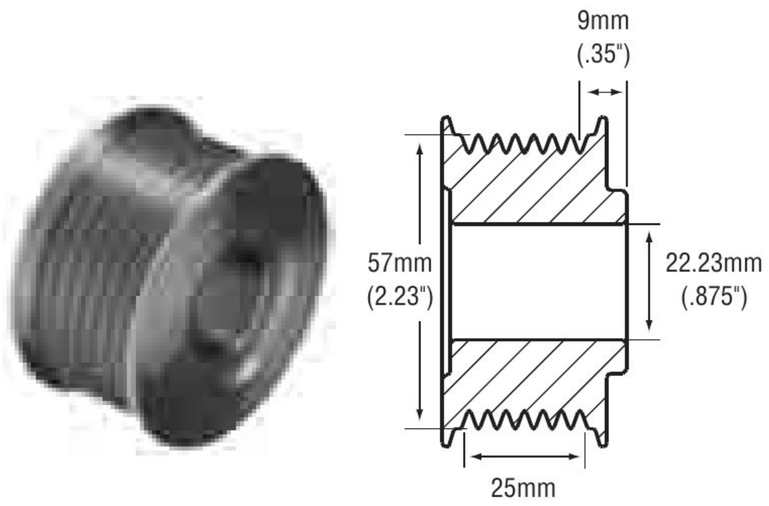
24-1288
Pulley - 7-Groove

For: Delco AD244 Series IR/IF Alternators
Used On: Chevrolet, GMC Trucks
Replaces: Delco 10454660
Unit Nos: Delco 15769253, 15769254
Lester Nos: 8492, 8493
WAI Ref. Nos: 1-2418-41DR
Dim: 25mm Belt x 57mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

DELCO

7-Groove (cont'd.)

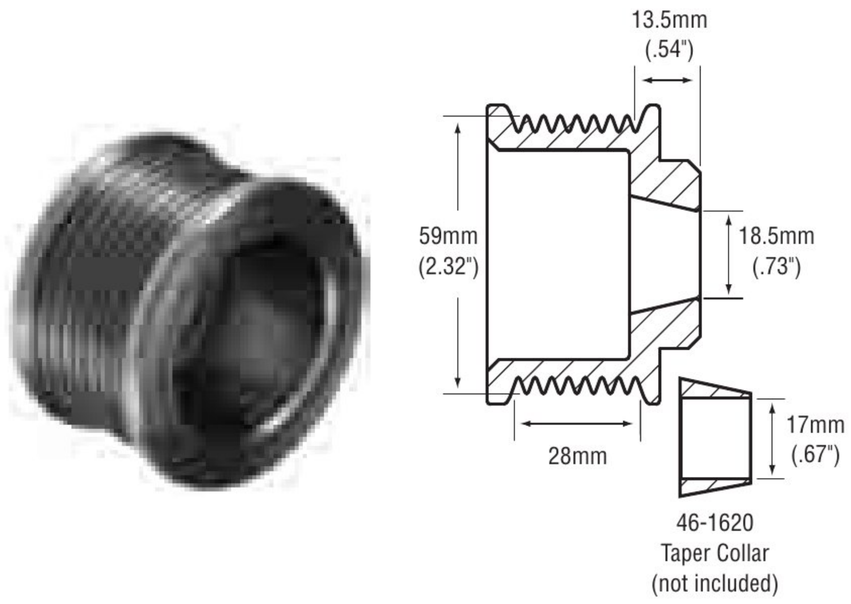


24-1751

Pulley - 7-Groove

For: Delco 20SI, 21SI Series IR/EF Alternators
Used On: (1993-90) Chevrolet Truck, GMC Truck
Replaces: Delco 10468768
Dim: 25mm Belt x 57mm OD x 22.23mm (7/8") Bore
Features:
• Machined pulley cut from cold rolled steel

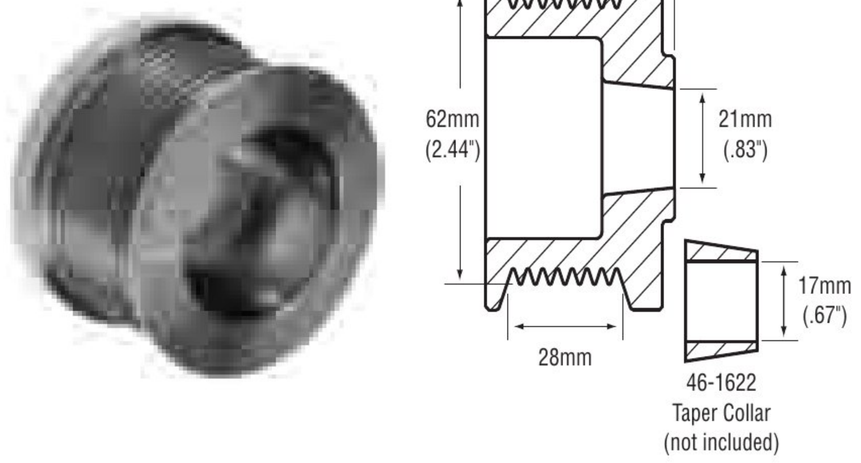
8-Groove



24-1270

Pulley - 8-Groove

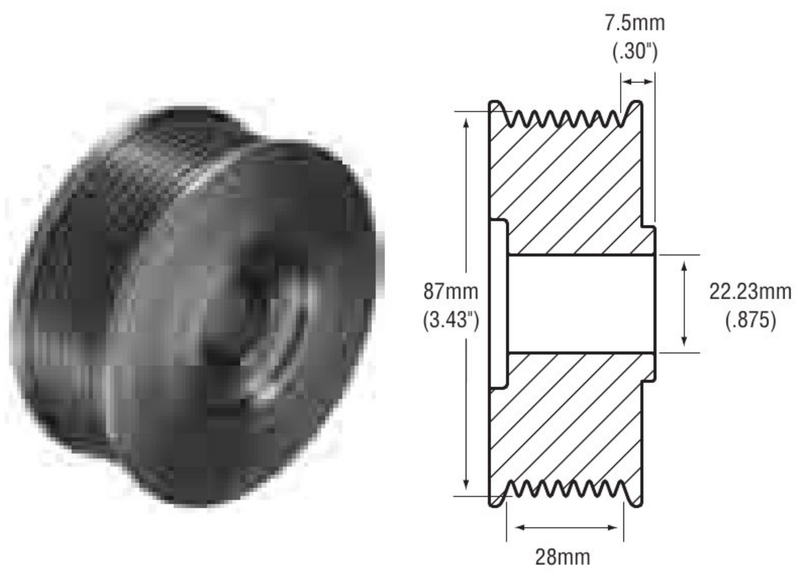
For: Delco 12SI Series IR/EF Alternators
Used On: GMC Truck w/ Cummins 3.9L, 5.9L (Diesel) Engine
Replaces: Cummins 3908560
Dim: 28mm Belt x 59mm OD x 18.5mm Bore* (17mm Shaft)
Note: *Requires 46-1620 taper collar (not included)
Features:
• Machined pulley cut from cold rolled steel



24-1276

Pulley - 8-Groove

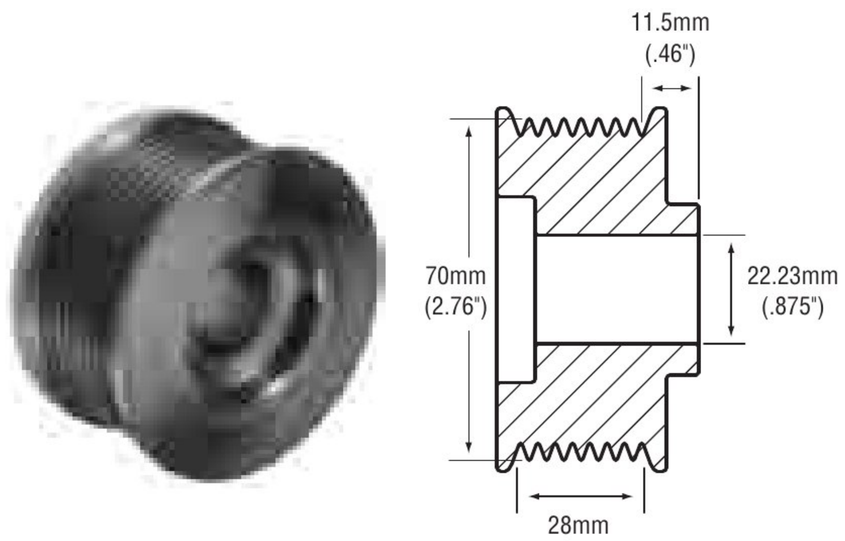
For: Delco 10SI, 15SI, CS130 Series IR/EF Alternators
Used On: Freightliner
Replaces: Delco 1987810
Dim: 28mm Belt x 62mm OD x 21mm Bore* (17mm Shaft)
Note: *Requires 46-1622 taper collar (not included)
Features:
• Machined steel pulley cut from cold rolled steel



24-1752

Pulley - 8-Groove

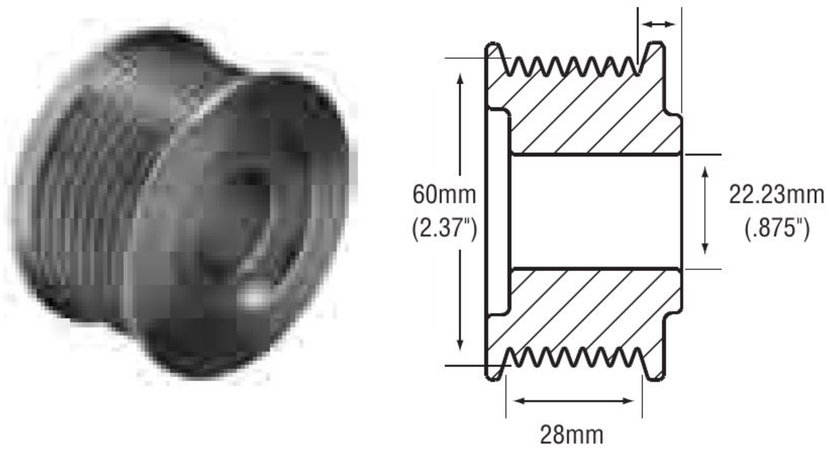
For: Delco 21SI, 25SI, 26SI, 30SI Series IR/EF Alternators
Used On: Ford Truck
Replaces: Delco 10468526; Ford F0HZ-10344-C, GP-674
Dim: 28mm Belt x 87mm OD x 22.23mm (7/8") Bore
Features:
• Machined pulley cut from cold rolled steel



24-1753

Pulley - 8-Groove

For: Delco 21SI, 22SI, 33SI, 34SI Series IR/EF Alternators
Used On: (1993) Ford Truck
Replaces: Delco 10474925; Ford F3HZ-10344-B, GP-698
Dim: 28mm Belt x 70mm OD x 22.23mm (7/8") Bore
Features:
• Machined pulley cut from cold rolled steel

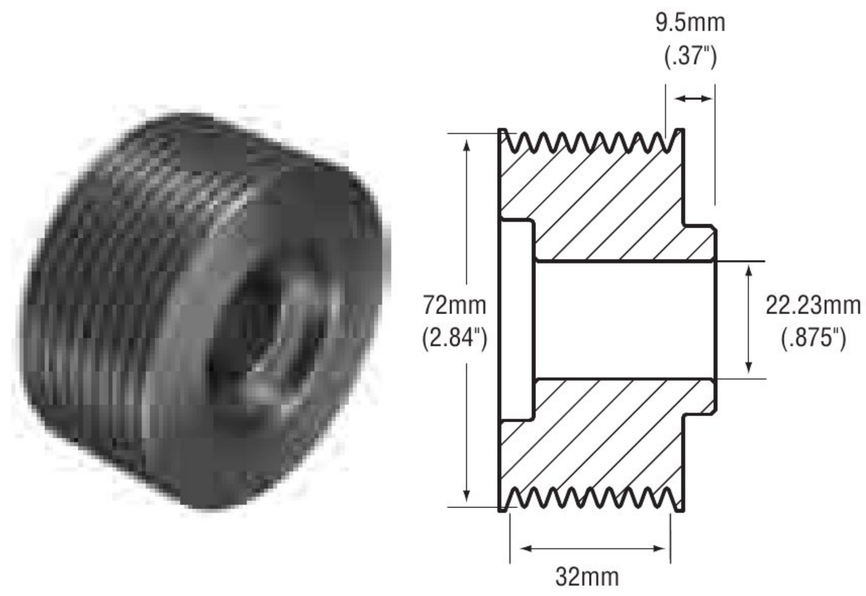


24-1755

Pulley - 8-Groove

For: Delco 22SI, 27SI/Type 200 Series IR/EF Alternators
Replaces: Delco 10499362
Dim: 28mm Belt x 60mm OD x 22.23mm (7/8") Bore
Features:
• Machined pulley cut from cold rolled steel

9-Groove



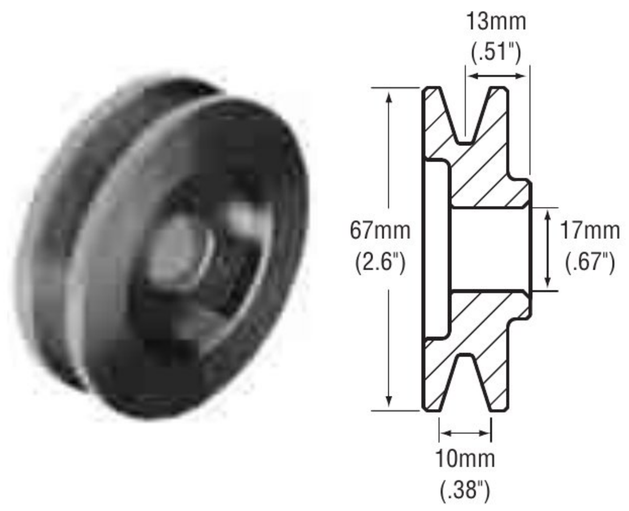
24-1750

Pulley - 9-Groove

For: Delco 25SI, 30SI Series IR/EF Alternators
Used On: Cummins Diesel, Detroit Diesel, Euclid, Freightliner, Kenworth, Mack, Peterbilt, Uni-Rig, White
Replaces: Detroit Diesel 5145471
Dim: 32mm Belt x 72mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
• Machined pulley cut from cold rolled steel

FORD

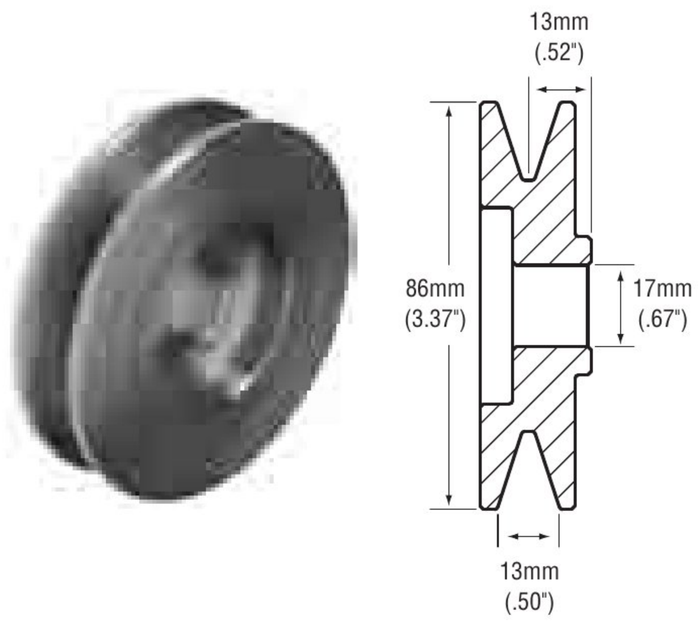
1-Groove



24-1100-1

Pulley - 1-Groove

For: Delco 10DN ER/EF; 10SI, 12SI, 15SI, 27SI/Type 100 Series IR/EF; Ford 1G Series ER/EF, 2G Series IR/EF Alternators
Used On: (1992-73) AMC, Buick, Cadillac, Chevrolet, Ford, GMC, Jeep, Lincoln, Mercury, Oldsmobile, Pontiac
Replaces: Delco 1893675, 1949356, 1970757, 10476394, 10495192;
Ford C5AZ-10344-K, C9AF-10A352-B, E87F-10A352-AA, E8TZ-10344-A, GP-493, GP-652
Dim: 10mm Belt x 67mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-2100

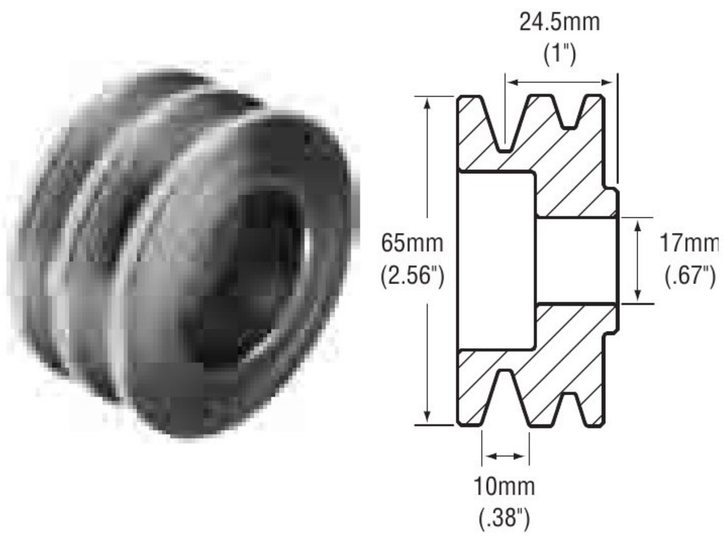
Pulley - 1-Groove

For: Ford 1G Series 40-65A ER/EF Alternators
Used On: Ford Industrial Engines
Replaces: Ford D3JL-10130-D1
Dim: 13mm Belt x 86mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

FORD

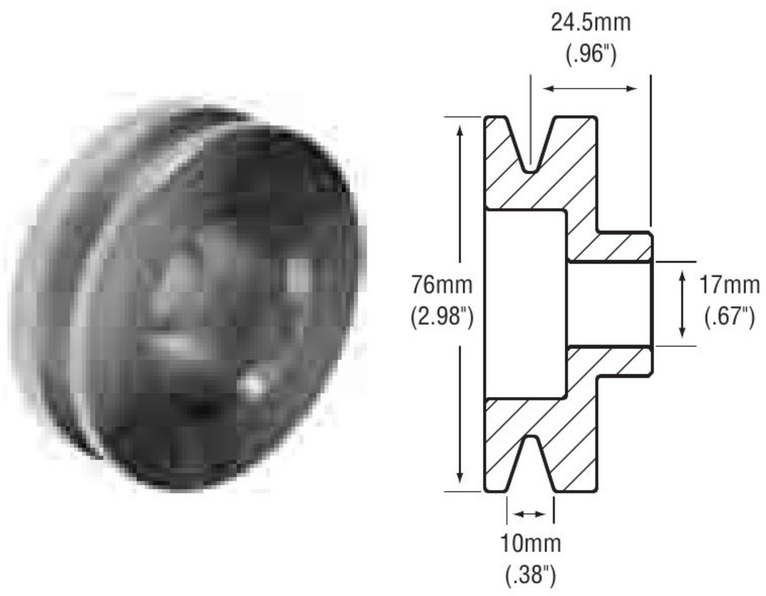
1-Groove (cont'd.)



24-2102

Pulley - 1-Groove

For: Ford 1G Series 40-65A ER/EF, 2G Series IR/EF Alternators
Used On: (1991-84) Ford, Mercury
Replaces: Ford E43F-10A352-AA, E53F-10A352-AA, E73F-10A352-AA, E73Z-10344-A, GP-638
Dim: 10mm Belts x 65mm OD x 17mm Bore
Note: Appears to be 2-groove but inboard groove serves as an extension and is not used as a belt groove
Features:
• Machined pulley cut from cold rolled steel

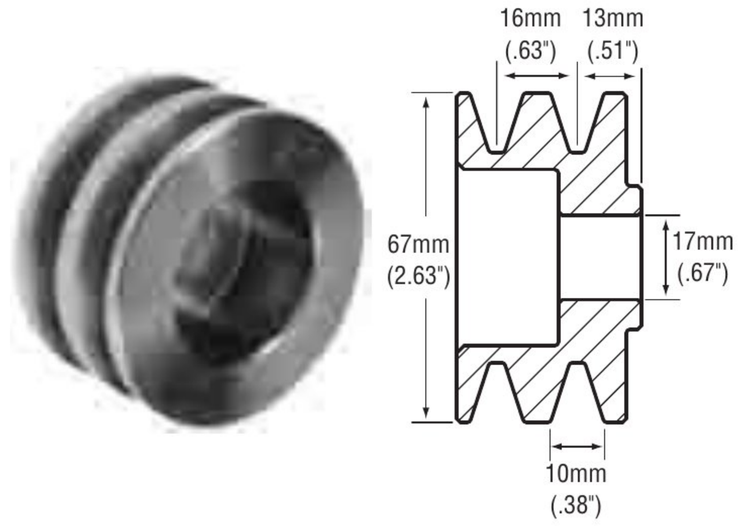


24-2104

Pulley - 1-Groove

For: Ford 3G Series IR/IF Alternators
Used On: (1991) Ford, Mercury
Replaces: Ford F13U-10A352-AA, F13Z-10344-A, GP-684
Dim: 10mm Belt x 76mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

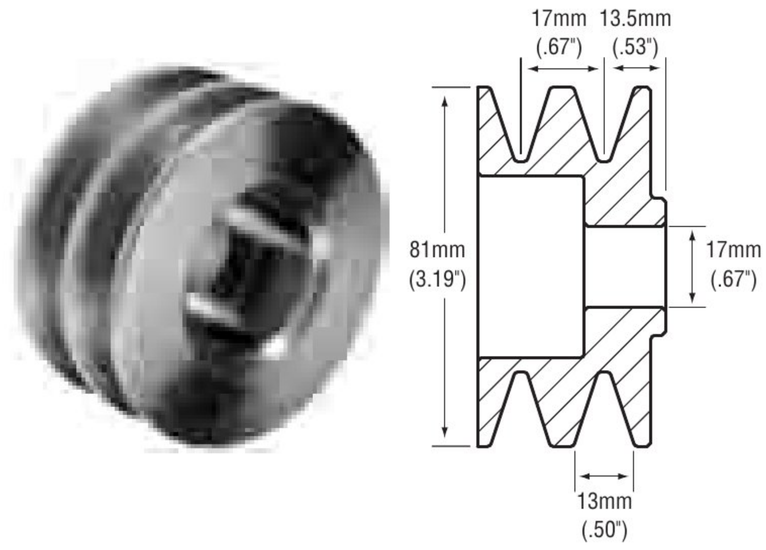
2-Groove



24-1101

Pulley - 2-Groove

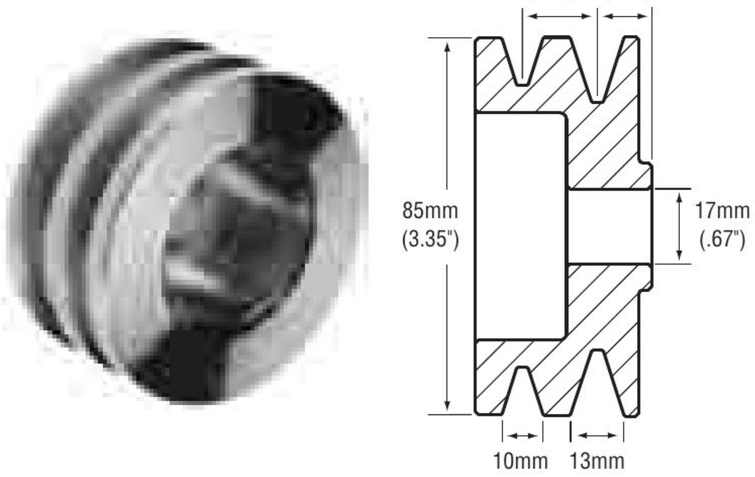
For: Delco 10DN ER/EF; 10SI, 12SI, 15SI, 27SI/Type 100 Series IR/EF Alternators; Ford 1G Series ER/EF, 2G Series IR/EF Alternators
Used On: (1991-73) AMC, Buick, Chevrolet, Ford, GMC, Jeep, Mercury, Oldsmobile, Pontiac
Replaces: Delco 1846787, 1964758, 1968354, 1970830; Ford C5AZ-10344-L, C5TF-10A352-K2, C9AF-10A352-C, E4TZ-10344-B, E6SF-10A352-AA, E6SZ-10344-A, GP-494, GP-617, GP-629
Dim: 10mm Belts x 67mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-1107

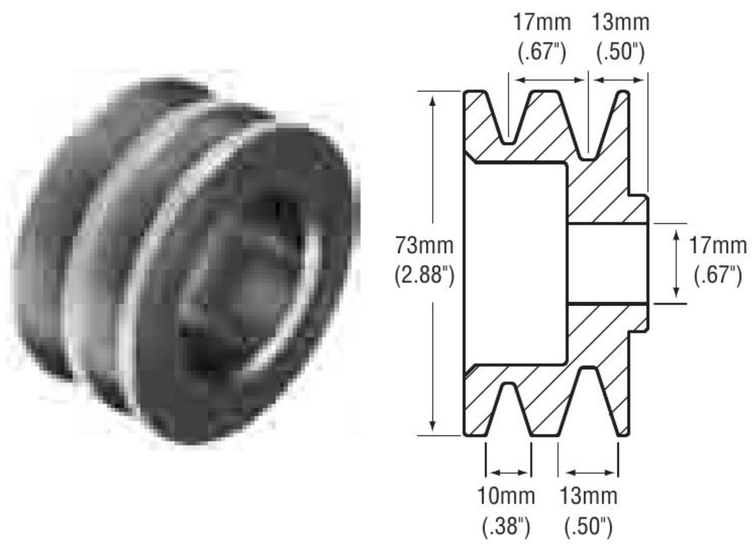
Pulley - 2-Groove

For: Delco 10SI/Type 116 Series IR/EF; Ford 1G Series ER/EF, 2G Series IR/EF; Nippondenso IR/EF Alternators
Used On: John Deere
Replaces: Ford C5TZ-10344-J, C5TF-10A352-J2, GP-466; John Deere R81507
Dim: 13mm Belts x 81mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



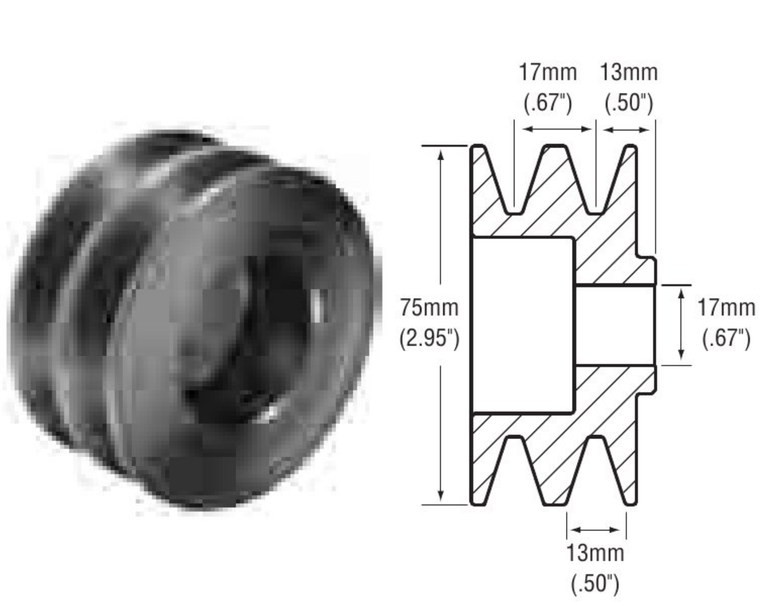
24-2103
Pulley - 2-Groove

For: Ford 1G Series 70-100A ER/EF, 2G Series IR/EF Alternators
Used On: (1992-83) Ford
Replaces: Ford E3TF-10A352-AA, E9TF-10A352-AA, E9TZ-10344-A, GP-609-A
Dim: 10mm/13mm Belts x 85mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel



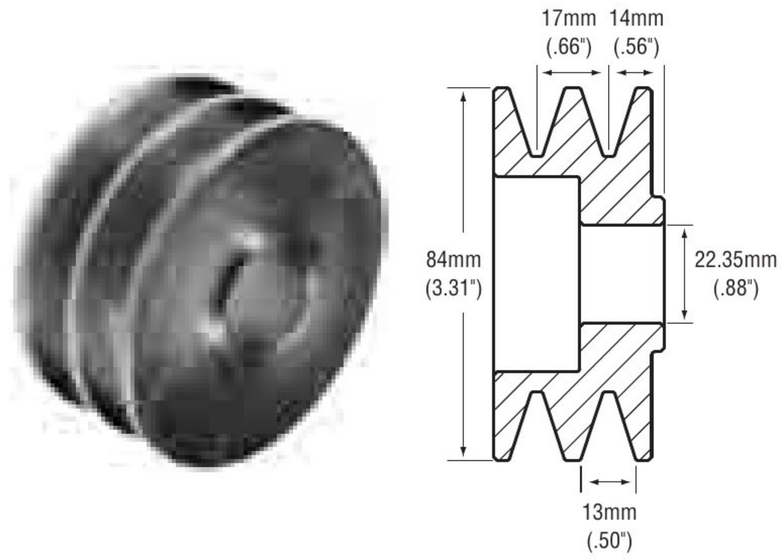
24-2105
Pulley - 2-Groove

For: Ford 3G Series IR/IF Alternators
Used On: (1992) Ford
Replaces: Ford F2UU-10A352-AA, F2UZ-10344-A, GP-689
Dim: 10mm/13mm Belts x 73mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel



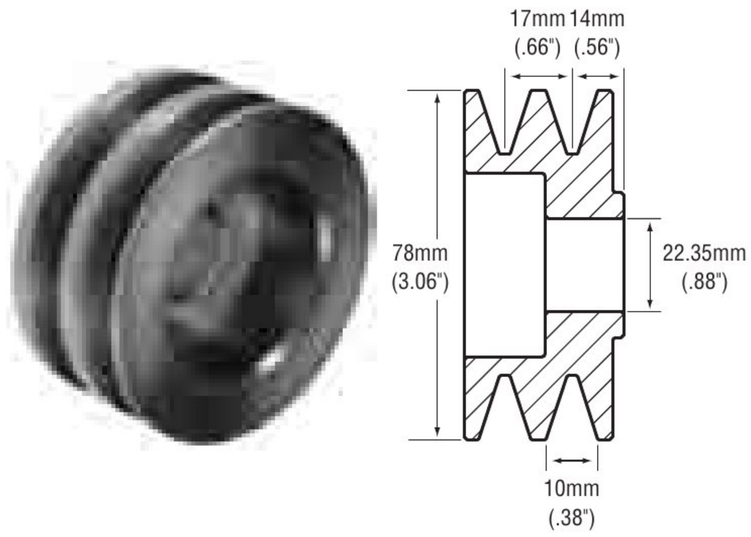
24-2106
Pulley - 2-Groove

For: Ford 3G Series IR/IF Alternators
Used On: (1995-93) Ford Truck
Replaces: Ford F1HU-10A352-AB, F1HZ-10344-A, GP-688
Dim: 13mm Belts x 75mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel



24-2500
Pulley - 2-Groove

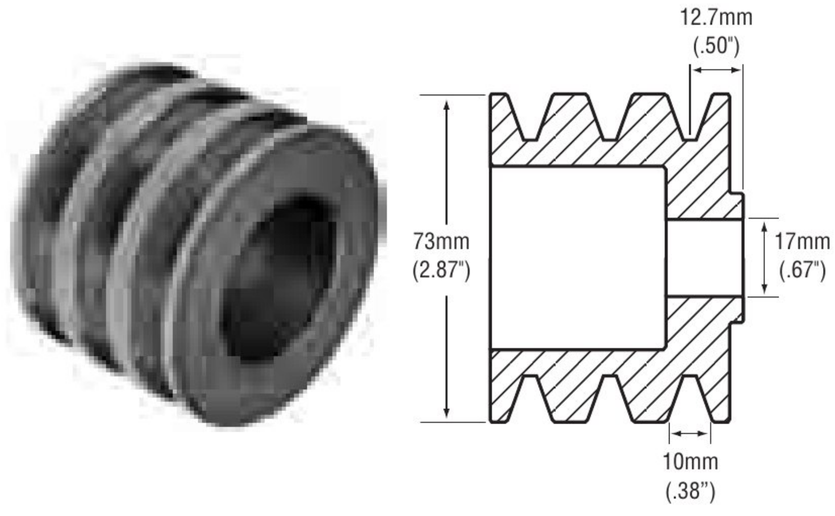
For: Ford 1G Series Truck 65-90A, 1G Series Blue Back Truck 70-90A ER/EF Alternators
Used On: Ford Truck
Replaces: Ford C7TF-10A352-A, C7TZ-10344-A, E2HF-10A352-AA, E2HZ-10344-A, GP-484, GP-608
Dim: 13mm Belts x 84mm OD x 22.35mm (.880") Bore
Features:
- Machined pulley cut from cold rolled steel



24-2501
Pulley - 2-Groove

For: Ford 1G Series Truck 65-90A ER/EF Alternators
Used On: Ford Truck
Replaces: Ford C7TF-10A352-B, C7TZ-10344-B, GP-485
Dim: 10mm Belts x 78mm OD x 22.35mm (.880") Bore
Features:
- Machined pulley cut from cold rolled steel

3-Groove



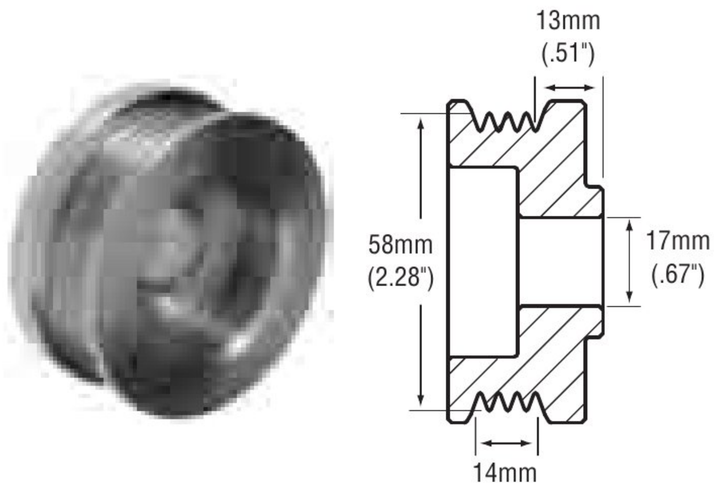
24-2107
Pulley - 3-Groove

For: Ford 3G, 6G Series IR/IF Alternators
Dim: 10mm Belts x 73mm OD x 17mm Bore
Note: 3rd. pulley groove is used on applications with auxiliary pump
Features:
- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

FORD

4-Groove

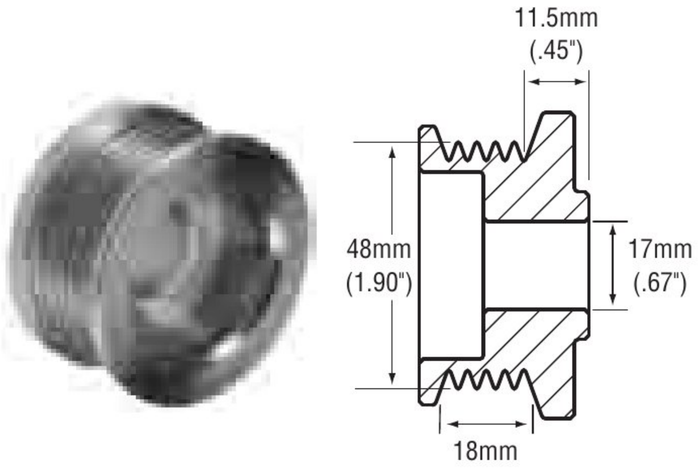


24-2255

Pulley - 4-Groove

For: Ford 1G Series 70-100A ER/EF Alternators
Used On: (1987-86) Ford, Mercury
Replaces: Ford E6DF-10A352-GA, E7DZ-10344-A, GP-635
Dim: 14mm Belt x 58mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel

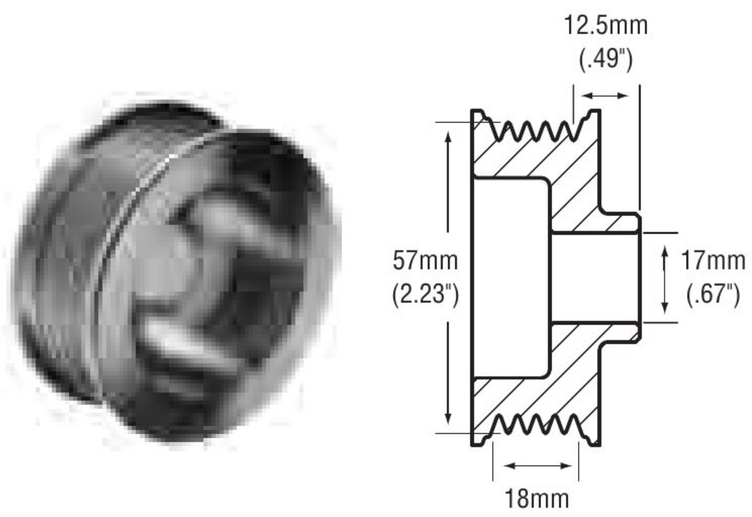
5-Groove



24-2250

Pulley - 5-Groove

For: Ford 1G Series 40-65A ER/EF, 2G Series IR/EF Alternators
Used On: (1988-81) Ford, Mercury
Replaces: Ford E1EF-10A352-EA, E1EF-10A352-EB, E7EF-10A352-BA, E7FZ-10344-B, E8EF-10A352-AA, E9FZ-10344-C, GP-640, GP-664
Dim: 18mm Belt x 48mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel

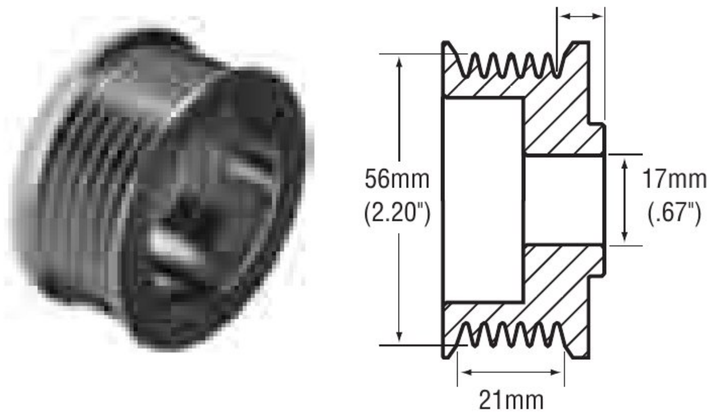


24-2259

Pulley - 5-Groove

For: Ford 3G Series IR/IF Alternators
Used On: (1994-91) Ford, Mercury
Replaces: Ford F1DZ-10344-A, F23Z-10344-B, GP-676, GP-690
Dim: 18mm Belt x 57mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel

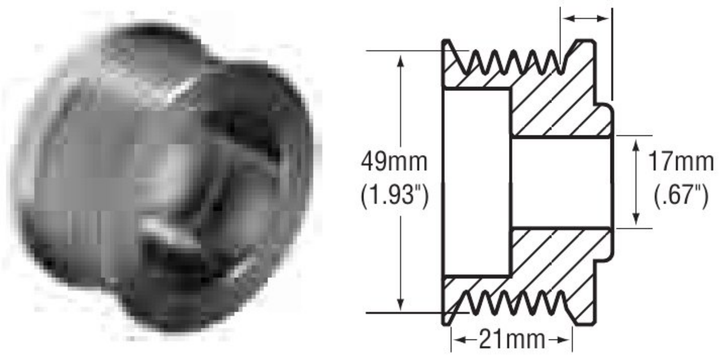
6-Groove



24-1255-3

Pulley - 6-Groove

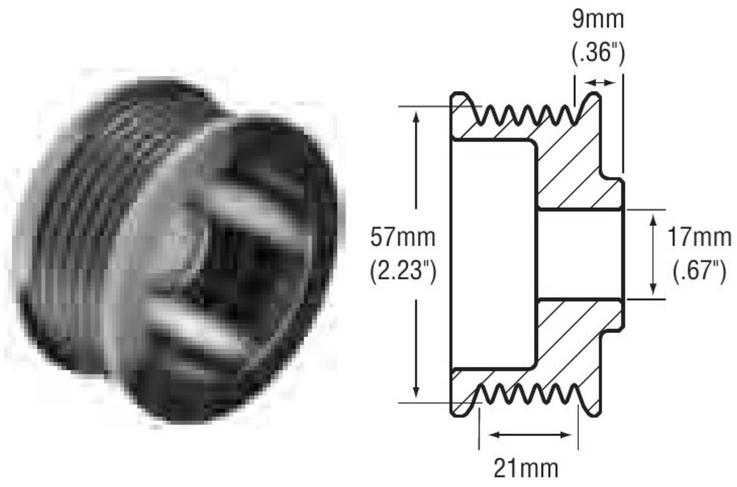
For: Delco 10SI, 12SI, 15SI, 17SI, 27SI, CS121, CS130, CS144 Series IR/EF Alternators; Ford 1G Series ER/EF, 2G Series IR/EF Alternators
Used On: (2000-79) AMC, Buick, Cadillac, Chevrolet, Chevrolet Truck, Dodge, Eagle, Ford, GMC, GMC Truck, Isuzu, Jeep, Lincoln, Mercury, Oldsmobile, Pontiac
Replaces: Delco 1979422, 1985964, 10496811, 10497175; Ford D9AF-10A352-AA, D9AZ-10344-A, E2AF-10A352-CA, E6DF-10A352-HA, E6DZ-10344-C, E6DZ-10344-E, E7LZ-10344-A, GP-599, GP-625, GP-634, GP-637
Dim: 21mm Belt x 56mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-2252-1

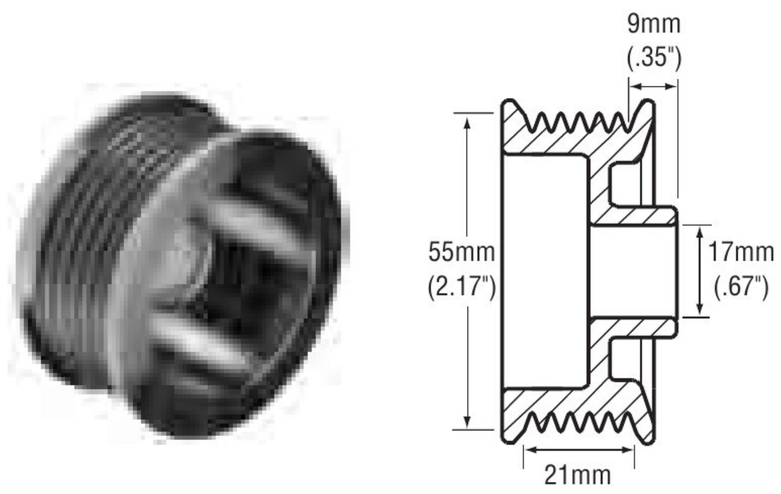
Pulley - 6-Groove

For: Ford 1G Series 40-65A ER/EF, 2G Series IR/EF Alternators
Used On: (1994-79) Ford, Lincoln, Mercury
Replaces: Ford D9ZF-10A352-AA, E6SF-10A352-BA, E6SZ-10344-B, E7AF-10A352-AA, E7AZ-10344-A, GP-600, GP-627, GP-641
Dim: 21mm Belt x 49mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel



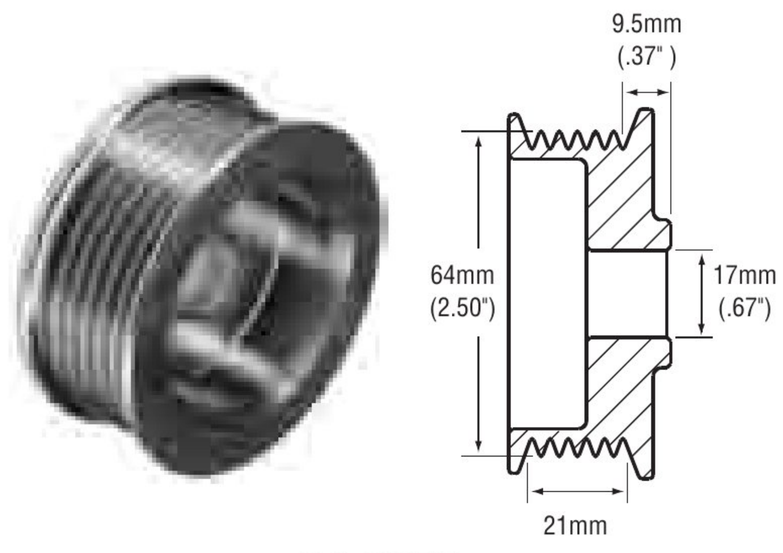
24-2254
Pulley - 6-Groove

For: Ford 3G Series IR/IF Alternators
Used On: (2005-89) Ford, Lincoln, Mazda, Mercury
Replaces: Ford E9DF-10A352-AA, E9DZ-10344-A, F0VF-10A352-AA, F0VY-10344-A, GP-665, GP-666, GP-679, GP-681, GP-712, GP-717, GP-721, GP-721-A
Dim: 21mm Belt x 57mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



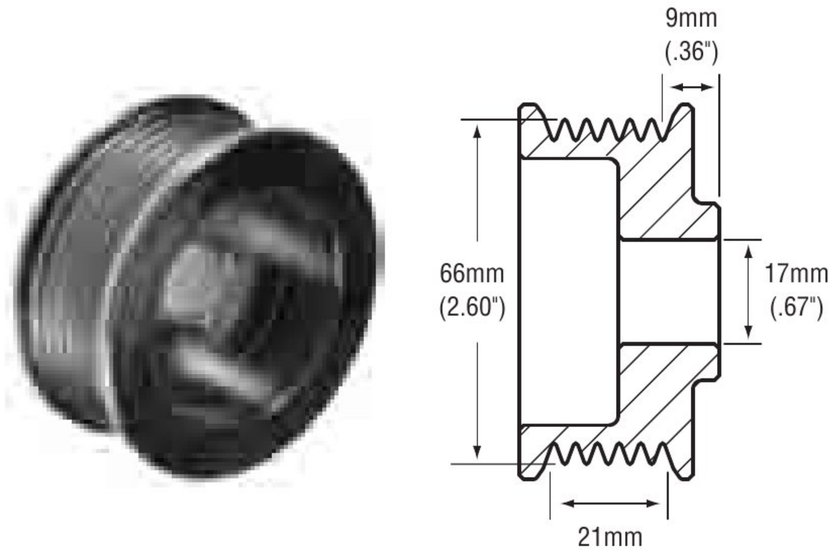
24-2254-1
Pulley - 6-Groove

For: Ford 3G, 6G Series IR/IF Alternators
Used On: (2005-89) Ford, Lincoln, Mazda, Mercury
Replaces: Ford E9DF-10A352-AA, E9DZ-10344-A, F0VF-10A352-AA, F0VY-10344-A, F5AU-10A352-A2A, GP-665, GP-666, GP-679, GP-681, GP-712, GP-717, GP-721, GP-721-A
Dim: 21mm Belt x 55mm OD x 17mm Bore
Note: With cutout around pulley hub for use w/ late-style D.E. frames w/ raised collar enclosing bearing
Features:
• Machined pulley cut from cold rolled steel



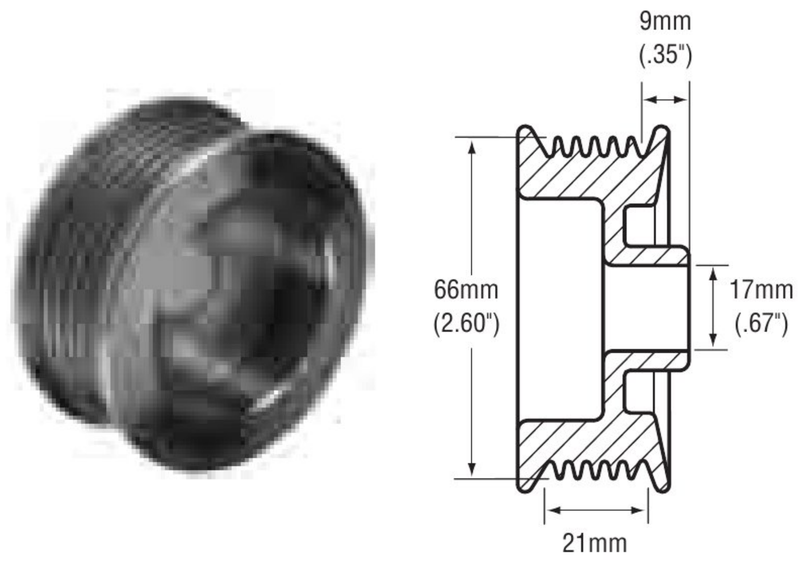
24-2256
Pulley - 6-Groove

For: Ford 1G Series 100A ER/EF, 2G Series IR/EF Alternators
Used On: (1991-88) Ford, Lincoln, Mercury
Replaces: Ford E8DZ-10344-B, F09F-10A352-AA, F09Z-10344-A, GP-648, GP-669
Dim: 21mm Belt x 64mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-2257
Pulley - 6-Groove

For: Ford 3G Series IR/IF Alternators
Used On: (2002-90) Ford, Lincoln, Mazda, Mercury
Replaces: Ford F0CF-10A352-AA, F0CZ-10344-A, F0DF-10A352-AA, F0DZ-10344-A, GP-667, GP-668, GP-680, GP-683, GP-685
Dim: 21mm Belt x 66mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



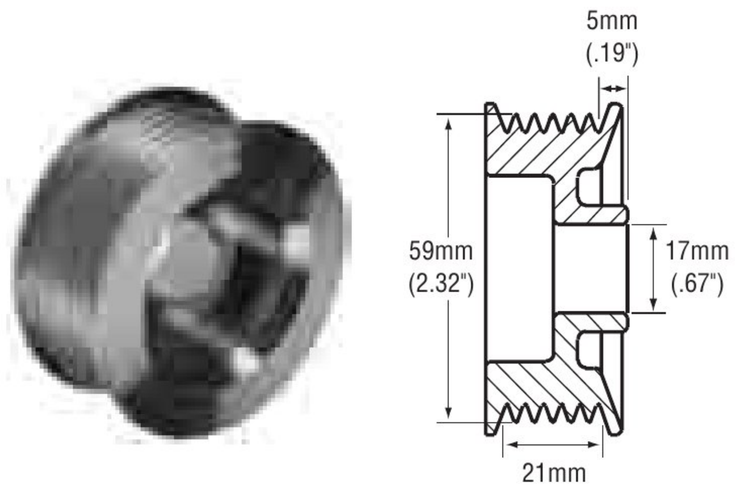
24-2257-1
Pulley - 6-Groove

For: Ford 3G, 6G Series IR/IF Alternators
Used On: (2002-90) Ford, Lincoln, Mazda, Mercury
Replaces: Ford F0CF-10A352-AA, F0CZ-10344-A, F0DF-10A352-AA, F0DZ-10344-A, GP-667, GP-668, GP-680, GP-683, GP-685
Dim: 21mm Belt x 66mm OD x 17mm Bore
Note: With cut-out around pulley hub for use w/ late-style D.E. frames w/ raised collar enclosing bearing
Features:
• Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

FORD

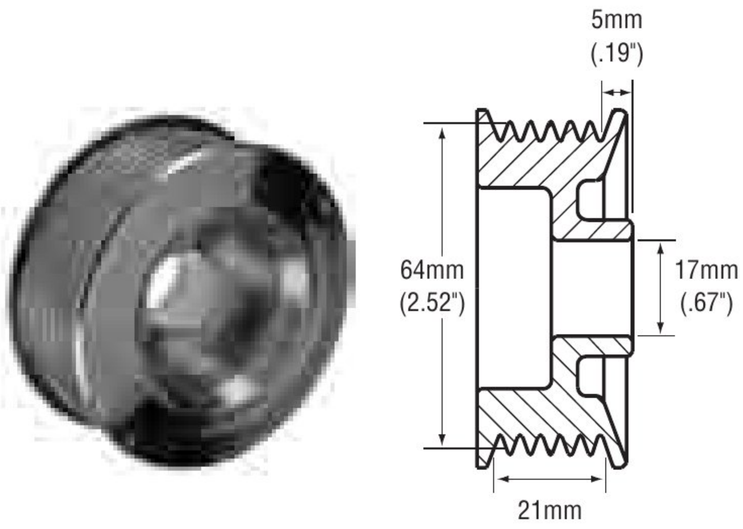
6-Groove (cont'd.)



24-2263

Pulley - 6-Groove

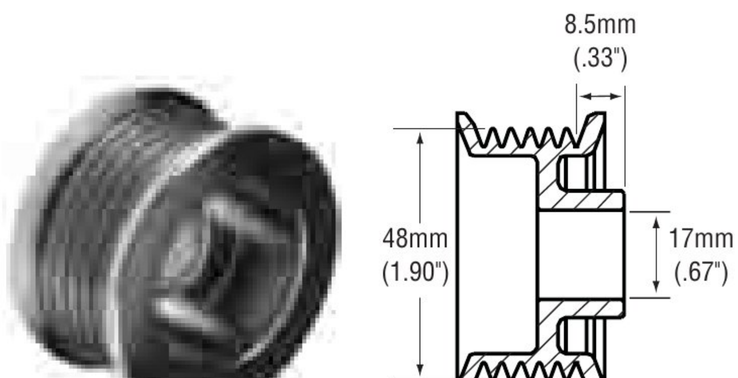
For: Ford 4G Series IR/IF Alternators
Used On: (2005-95) Ford, Lincoln, Mercury
Replaces: Ford F5OU-10A352-DA, F5OU-10A352-FA, F5OY-10344-F, F5OZ-10344-D, GP-713, GP-715
Dim: 21mm Belt x 59mm OD x 17mm Bore
Note: With cutout around pulley hub for use w/ late style D.E. frames w/ raised collar enclosed bearing.
Features:
• Machined pulley cut from cold rolled steel



24-2264

Pulley - 6-Groove

For: Ford 4G Series IR/IF Alternators
Used On: (1999-96) Ford, Mercury
Replaces: Ford F5OZ-10344-E, GP-714-A
Dim: 21mm Belt x 64mm OD x 17mm Bore
Note: With cutout around pulley hub for use w/ late style D.E. frames w/ raised collar enclosed bearing.
Features:
• Machined pulley cut from cold rolled steel

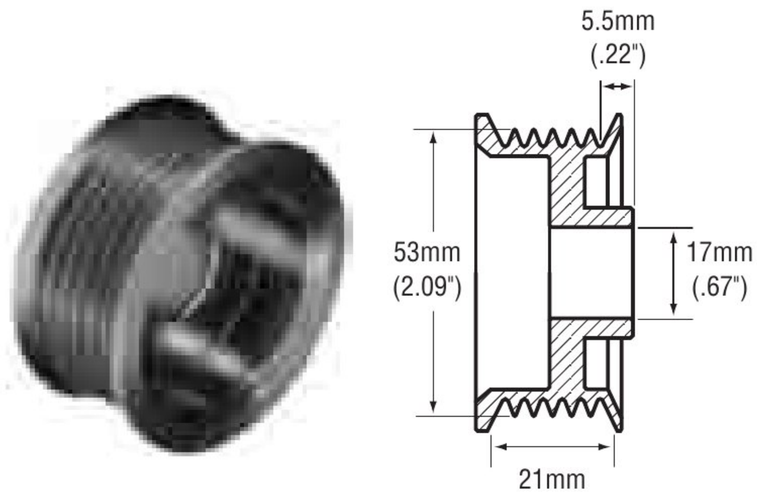


24-2271

Pulley - 6-Groove

For: Ford 3G, 6G Series IR/IF Alternators
Used On: (2002-98) Ford, Mercury
Replaces: Ford F7RZ-10344-AA, XS9U-10A352-AA
Dim: 21mm Belt x 48mm OD x 17mm Bore
(cont'd.)

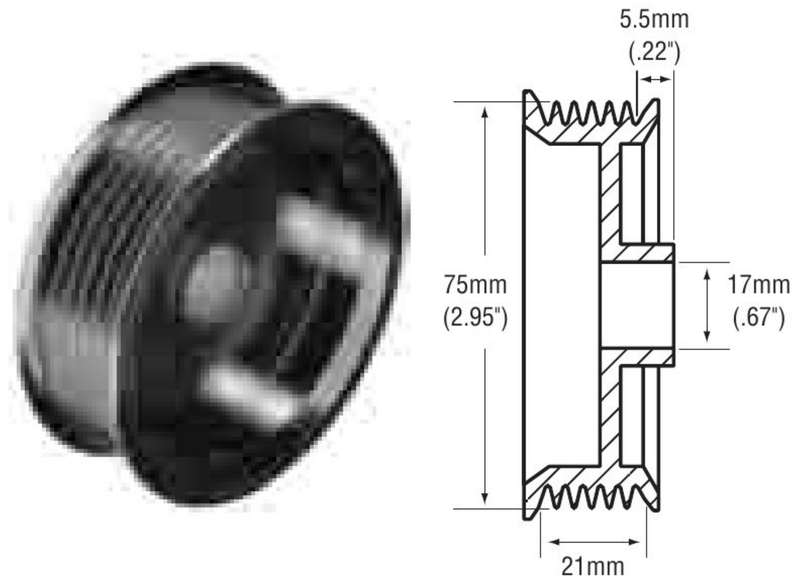
(cont'd.)
Note: 1st production Ford Contour, Mercury Mystique used 3G series alternators w/ 52mm pulley OD, 2nd production Ford Contour, Mercury Mystique used 6G series alternators w/ 48mm pulley OD. 24-2271 has 48mm pulley OD and will replace pulley w/ 52mm OD
Features:
• Machined pulley cut from cold rolled steel



24-2272

Pulley - 6-Groove

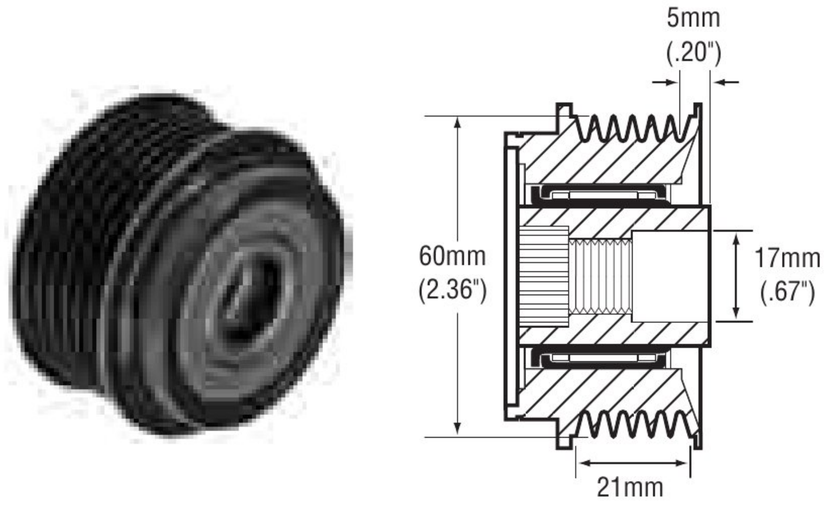
For: Ford 4G Series IR/IF Alternators
Used On: (2003-99) Ford, Lincoln, Mercury
Replaces: Ford 1L2U-10A352-AA, 1L2Z-10344-AB
Unit Nos: Ford 1L2U-10300-AA, -AB; 1L2Z-10346-AB, XW7U-10300-AA, XW7Z-10346-AA
Lester Nos: 7773, 7787
WAI Ref. Nos: 1-1904-12FD, 1-2024-22FD
Dim: 21mm Belt x 53mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-2274

Pulley - 6-Groove

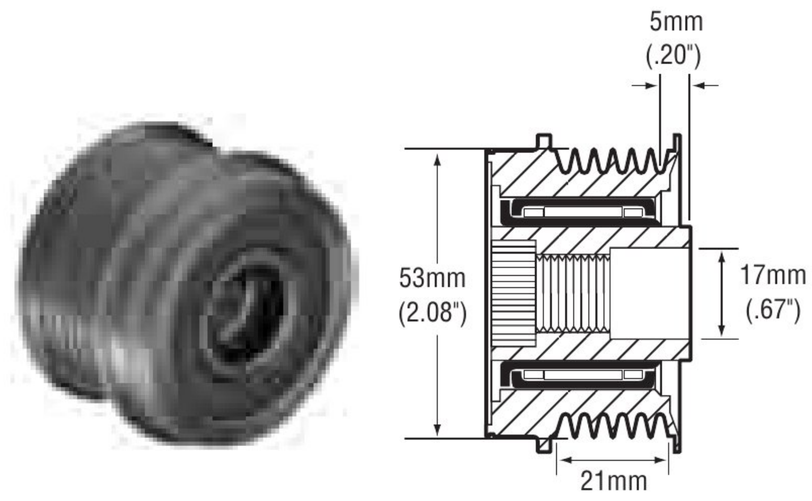
For: Ford 4G Series IR/IF Alternators
Used On: (2005-00) Ford, Mercury
Replaces: Ford GP-736, YF1U-10A352-AA, YF1Z-10344-AA
Unit Nos: Ford YF1U-10300-EA, YF1Z-10346-E
Lester Nos: 7780
WAI Ref. Nos: 1-1993-12FD
Dim: 21mm Belt x 75mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-2278

Pulley - 6-Groove

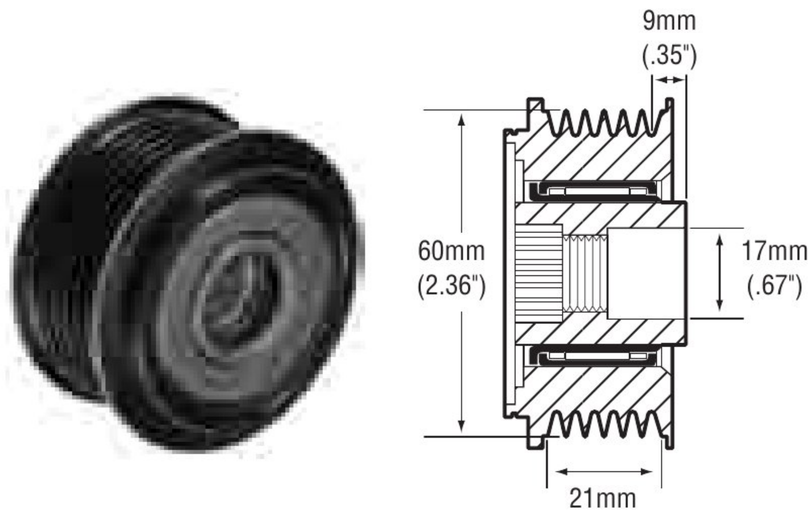
For: Ford 4G Series IR/IF Alternators
Used On: (2004-03) Ford, Mercury
Replaces: (Stamped F-233591)
Unit Nos: Ford 3W3Z-10346-AA
WAI Ref. Nos: 1-2538-12FD
Dim: 21mm Belt x 60mm OD x 17mm Bore
Note: 5mm from hub to center of 1st groove.
Features:
• Overrunning Clutch



24-2281

Pulley - 6-Groove

For: Ford 4G Series IR/IF Alternators
Used On: (2006-04) Ford, Mazda, Mercury
Unit Nos: Ford 5L8T-10300-MC, 5L8Z-10346-MA, 6L8Z-10346-MA; Mazda L3H5-18-300A
Lester Nos: 8404
WAI Ref. Nos: 1-2670-21FD
Dim: 21mm Belt x 53mm OD x 17mm Bore
Note: 5mm from hub to center of 1st groove
Features:
• Overrunning Clutch

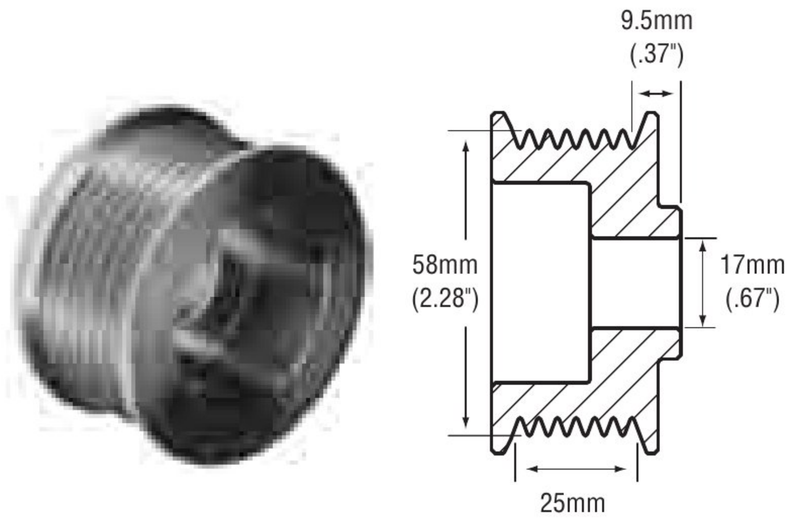


24-2279

Pulley - 6-Groove

For: Ford 6G Series IR/IF Alternators
Used On: (2004-03) Ford, Lincoln
Replaces: (Stamped F-229974.4, XW4U-AA)
Unit Nos: Ford 3L74-10300-AA, -BA; 3L7Z-10346-AA, -BA
Lester Nos: 8303
WAI Ref. Nos: 1-2533-31FD
Dim: 21mm Belt x 60mm OD x 17mm Bore
M16 x 1.50 Int. Threads
Note: 9mm from hub to center of 1st groove. M16 x 1.50 Int. Threads. Similar to 24-2280 except 24-2280 has M17 x 1.50 Int. Threads.
Features:
• Overrunning Clutch

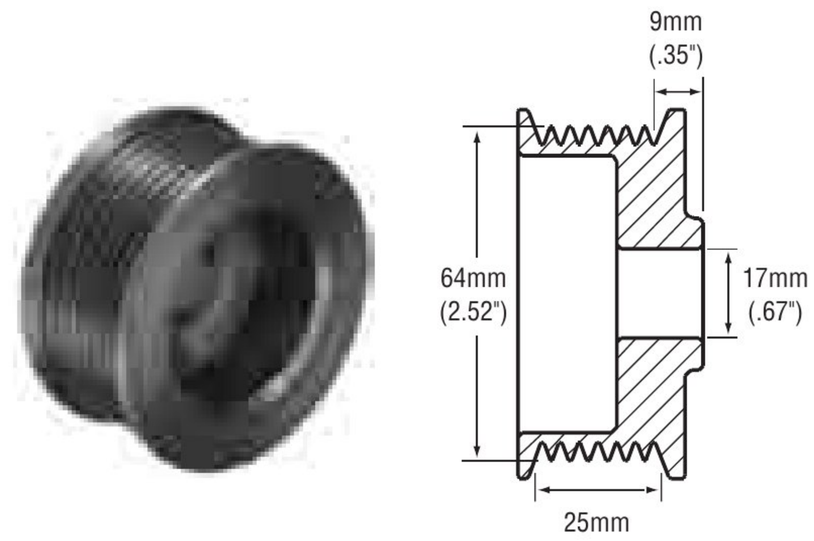
7-Groove



24-2258

Pulley - 7-Groove

For: Ford 3G Series IR/IF Alternators
Used On: (1992-91) Ford, Lincoln, Mercury
Replaces: Ford F1VU-10A352-AA, F1VY-10344-A, GP-682
Dim: 25mm Belt x 58mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-2262

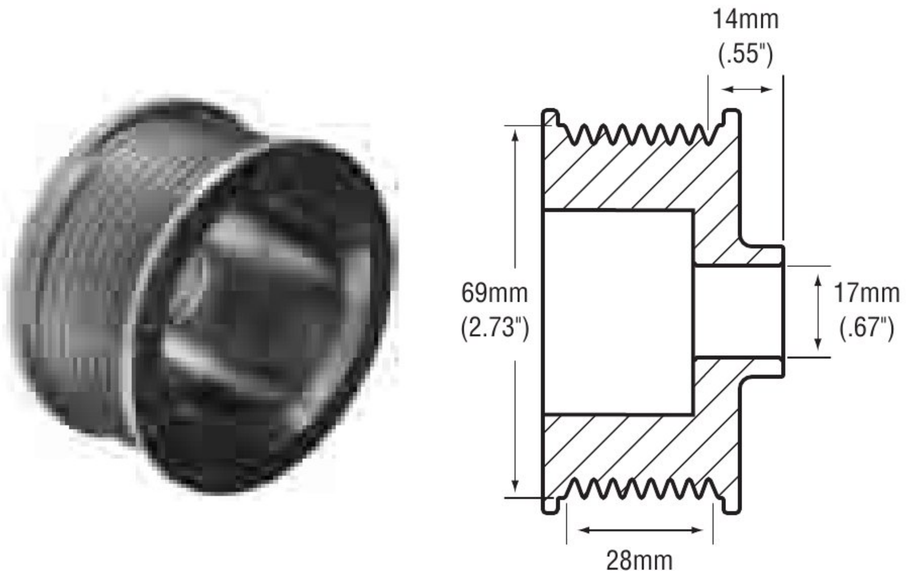
Pulley - 7-Groove

For: Ford 3G Series IR/IF Alternators
Used On: (1994) Ford
Replaces: Ford F5UZ-10344-A, GP-707
Dim: 25mm Belt x 64mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

FORD

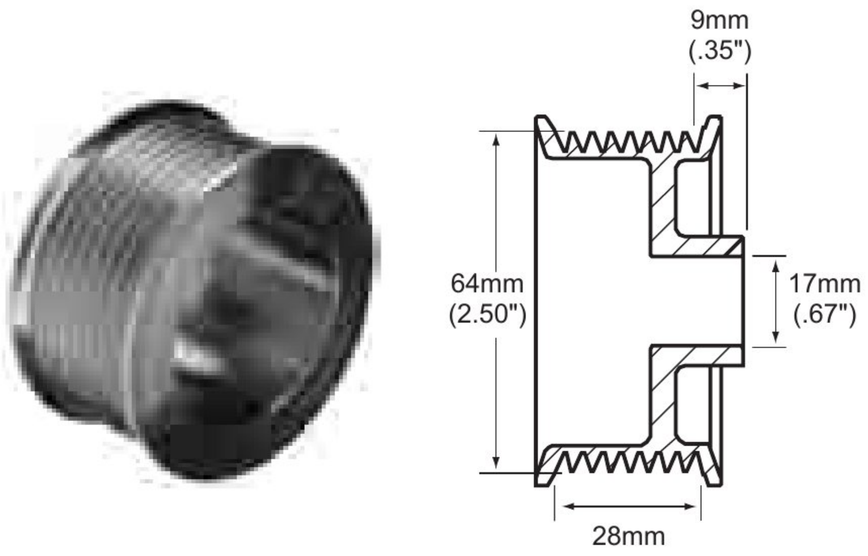
8-Groove



24-2260

Pulley - 8-Groove

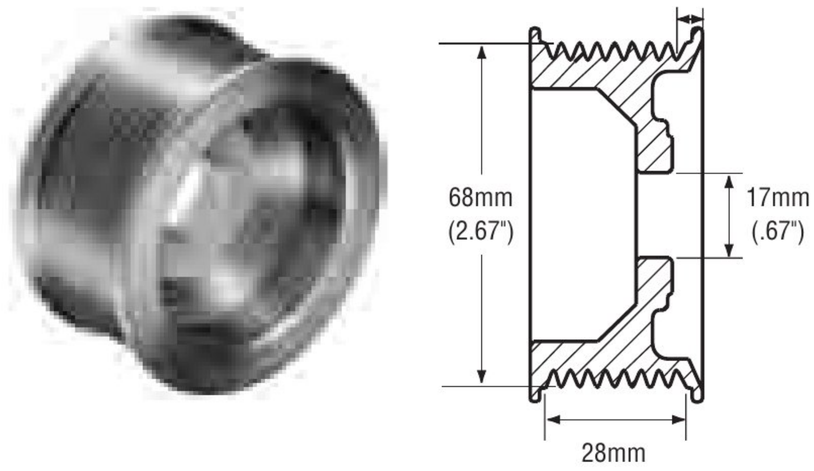
For: Ford 3G Series IR/IF Alternators
Used On: (1993) Ford Truck
Replaces: Ford F3HU-10A352-AB, F3HZ-10344-A, GP-693
Dim: 28mm Belt x 69mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-2261-1

Pulley - 8-Groove

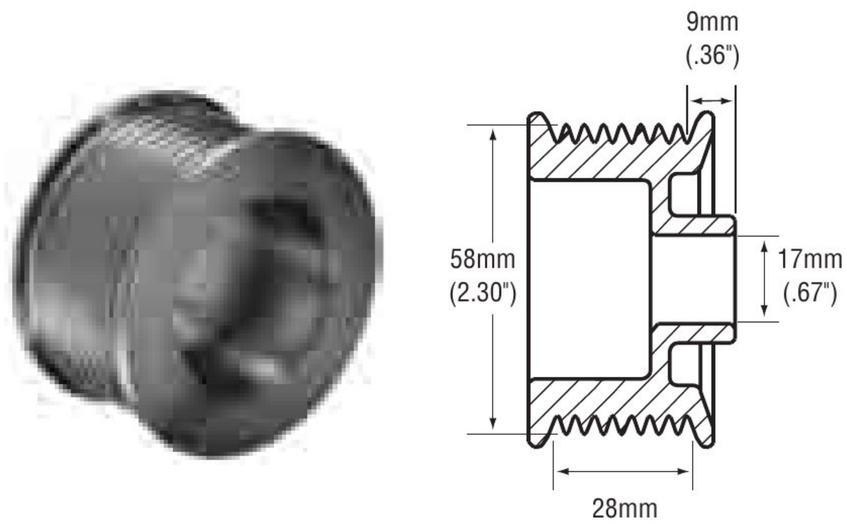
For: Ford 3G, 6G Series IR/IF Alternators
Used On: (2002-95) Ford
Replaces: Ford F5UU-10A352-CA, F5UZ-10344-C, GP-711
Lester Nos: 7768, 7796
Dim: 28mm Belt x 64mm OD x 17mm Bore
Note: With cutout around pulley hub for use w/ late style D.E. frames w/ raised collar enclosing bearing
Features:
• Machined pulley cut from cold rolled steel



24-2265

Pulley - 8-Groove

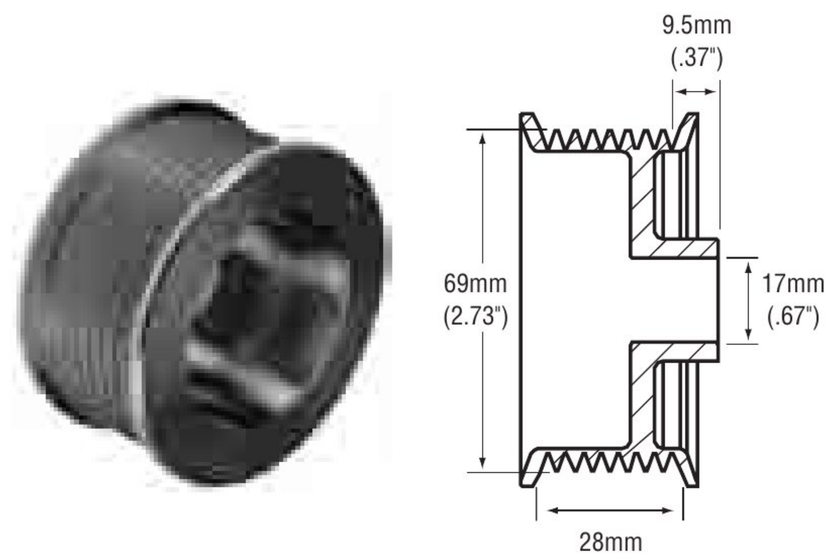
For: Ford 3G Series IR/IF Alternators
Used On: Ford Truck
Replaces: Ford F5TU-10A352-AA, F5TZ-10344-AA, GP-718
Lester Nos: 7785
Dim: 28mm Belt x 68mm OD x 17mm Bore
Note: Backside of pulley recessed to accommodate D.E. frames w/ wide 10-3032-4 bearing
Features:
• Machined pulley cut from cold rolled steel



24-2266

Pulley - 8-Groove

For: Ford 3G Series IR/IF Alternators
Used On: (2005-97) Ford, Lincoln
Replaces: Ford F65U-10A352-AA, F65Z-10344-AA, GP-720
Lester Nos: 7764, 7776, 7790, 7791, 8267
Dim: 28mm Belt x 58mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

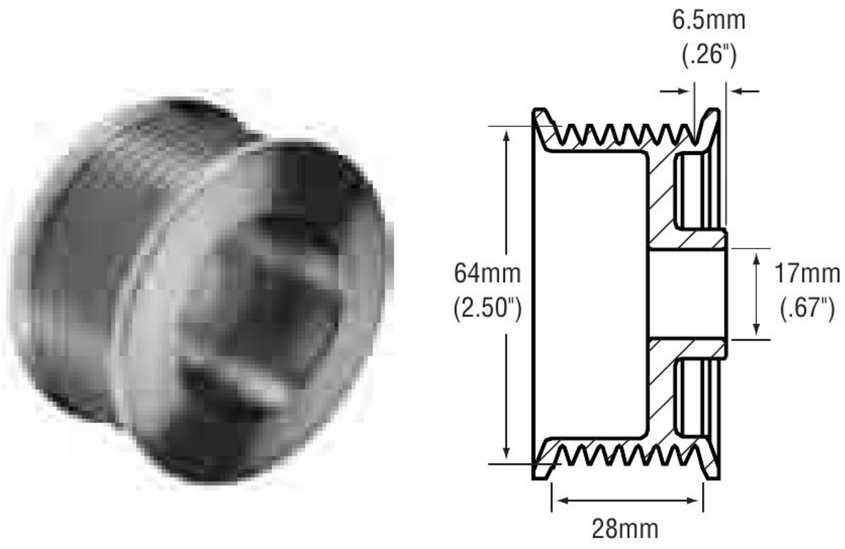


24-2269

Pulley - 8-Groove

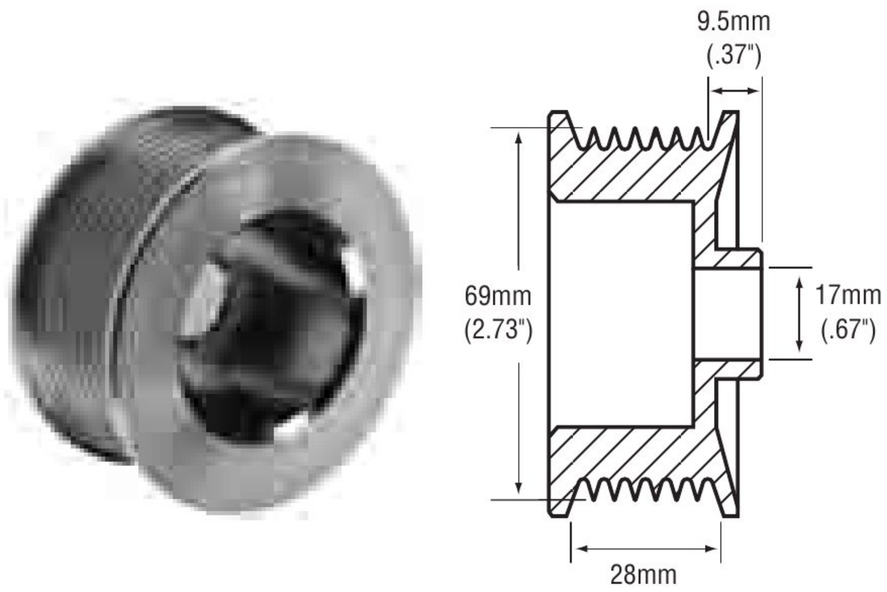
For: Ford 6G Series IR/IF Alternators
Used On: (2005-98) Ford 7.3L Diesel w/ Dual Alternators (bottom position)
Replaces: Ford F81U-10A352-CA
(cont'd.)

(cont'd.)
Lester Nos: 7798, 7799
WAI Ref. Nos: 1-2172-31FD, 1-2178-31FD
Dim: 28mm Belt x 69mm OD x 17mm Bore
Note: 9.5mm from hub to center of 1st groove.
Used w/ 6303 D.E. bearing
Features:
• Machined pulley cut from cold rolled steel



24-2270
Pulley - 8-Groove

For: Ford 6G Series IR/IF Alternators
Used On: (2002-98) Ford 7.3L Diesel w/ Dual Alternators (top position)
Replaces: Ford F81U-10A352-BA
Lester Nos: 7797
WAI Ref. Nos: 1-2209-11FD
Dim: 28mm Belt x 64mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

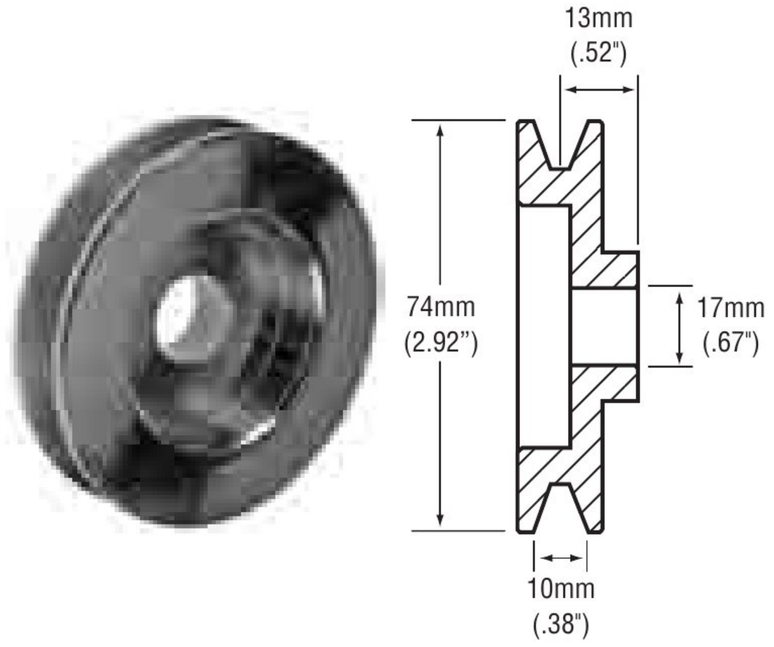


24-2273
Pulley - 8-Groove

For: Ford 6G Series IR/IF Alternators
Used On: Ford Heavy Duty Trucks
Unit Nos: Ford F81U-10300-BC, F81Z-10346-BA
Lester Nos: 8262
WAI Ref. Nos: 1-2270-31FD
Dim: 28mm Belt x 69mm OD x 17mm Bore
Note: 9.5mm from hub to center of 1st groove.
Used w/ 10-3043-4 D.E. bearing
Features:
• Machined pulley cut from cold rolled steel

HITACHI

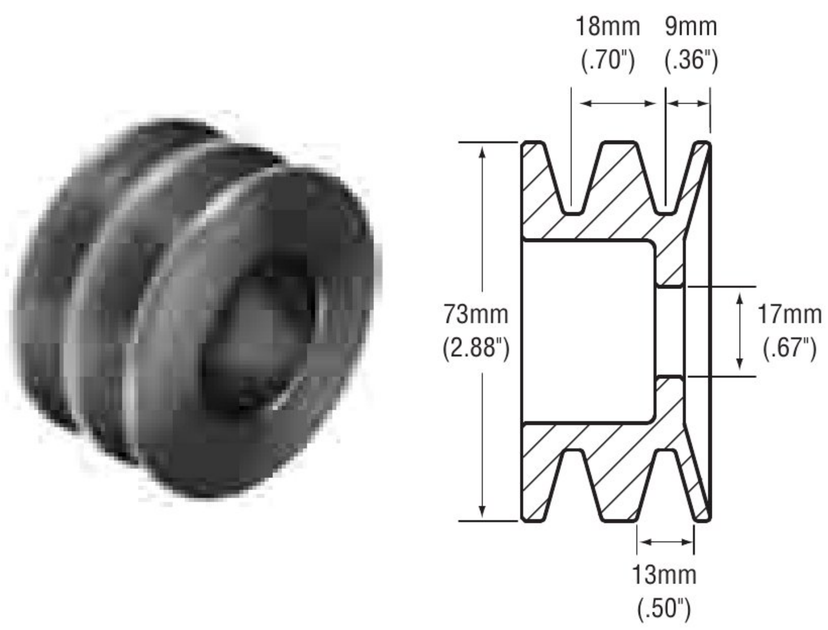
1-Groove



24-81103
Pulley - 1-Groove

For: Hitachi IR/IF Alternators
Used On: (2001-90) Honda, Isuzu, Nissan
Replaces: Isuzu 8-97074-944-0;
Nissan 23150-0S300, 23150-80G03
Unit Nos: Hitachi LR150-711; LR160-723, -723B, -724, -725, -725C, -727; LR170-757B,
Lester Nos: 13287, 13531, 13644, 13744, 13778, 14859, 14960
WAI Ref. Nos: 1-1118-01HI, 1-1879-01HI, 1-1880-01HI, 1-1953-01HI, 1-2002-01HI, 1-2090-01HI, 1-2191-01HI
Dim: 10mm Belt x 74mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

2-Groove



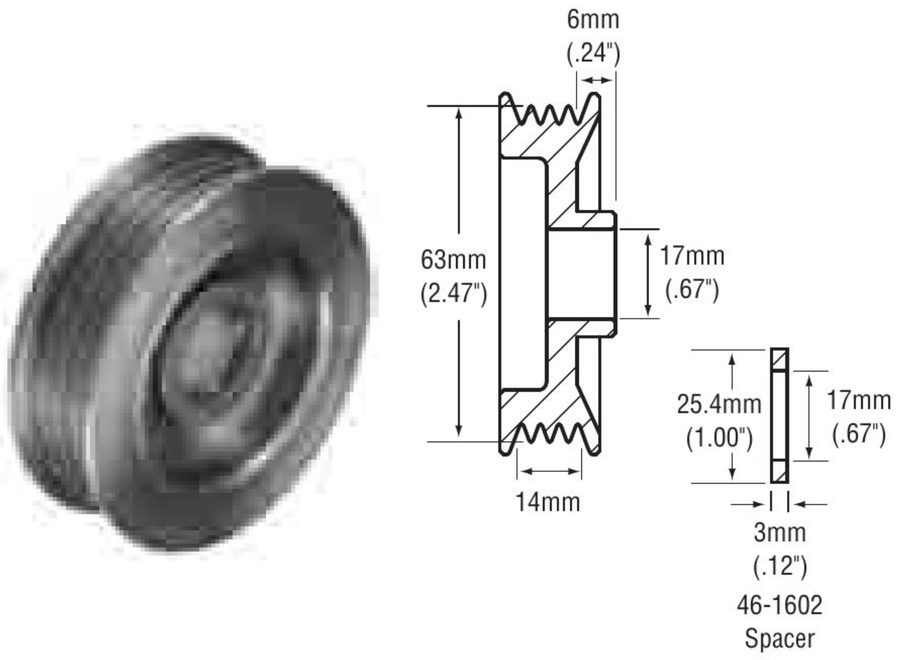
24-81101
Pulley - 2-Groove

For: Hitachi IR/EF Alternators
Used On: (1994-85) Subaru
Unit Nos: Hitachi LR155-18, LR160-138
Lester Nos: 14745
WAI Ref. Nos: 1-1593-02HI
Dim: 13mm Belts x 73mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

HITACHI

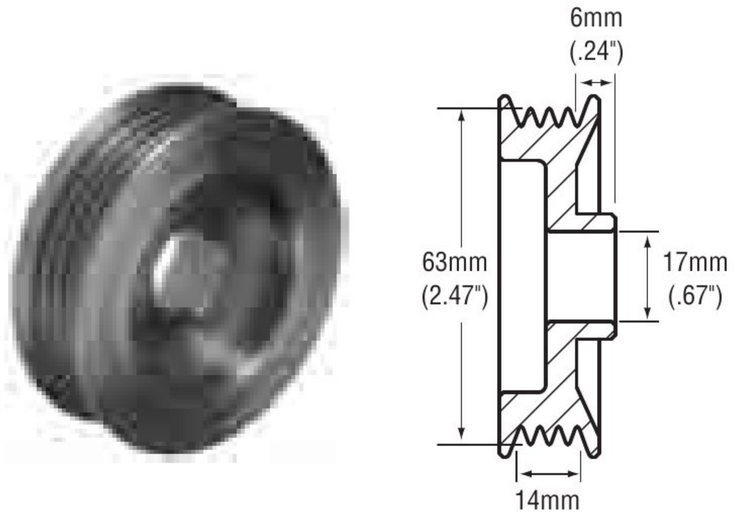
4-Groove



24-81250

Pulley - 4-Groove

For: Hitachi IR/IF Alternators; Mitsubishi ER/IF, IR/IF Alternators
Used On: (1995-85) Dodge, Nissan, Plymouth
Unit Nos: Hitachi LR165-708C*, LR170-713, LR170-716, LR170-716B, LR170-721, LR170-721B, LR170-738*, LR170-738B*, LR170-738C*, LR170-738E*, LR180-704**, LR190-704**, LR190-704B, LR190-706, LR190-707, LR190-709, LR190-709B, LR190-711; Mitsubishi A2T48292, A2T81391
Lester Nos: 13262, 13334*, 13580, 14242, 14243, 14651, 14661, 14752
WAI Ref. Nos: 1-1122-01HI, 1-1126-02HI, 1-1126-02MI, 1-1423-01HI*, 1-1477-01HI, 1-1533-01HI, 1-1874-01MI, 1-2099-01HI
Dim: 14mm Belt x 63mm OD x 17mm Bore
Note: *Requires pulley spacer included w/ 24-81250. **Original 74mm OD pulley has been replaced with 63mm OD pulley and requires Nissan 11720-16E02 fan belt.
Components:
46-1602-2 Spacer
Features:
• Machined pulley cut from cold rolled steel

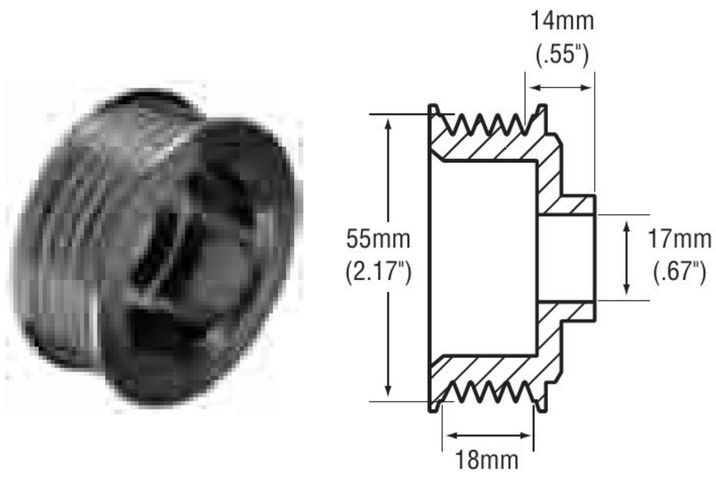


24-81250-1

Pulley - 4-Groove

Same as 24-81250 except...
Note: Same as 24-81250 except 24-81250-1 does not include the 46-1602-2 spacer.

5-Groove

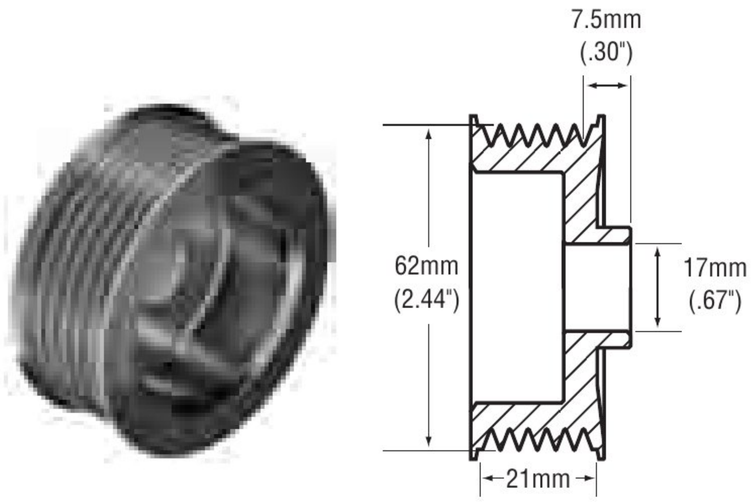


24-81102

Pulley - 5-Groove

For: Hitachi IR/IF Alternators
Used On: (1999-95) Subaru
Replaces: Subaru 23752-AA060
Unit Nos: Hitachi LR185-701, -701E, -702
Lester Nos: 13645
WAI Ref. Nos: 1-2015-01HI
Dim: 18mm Belt x 55mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

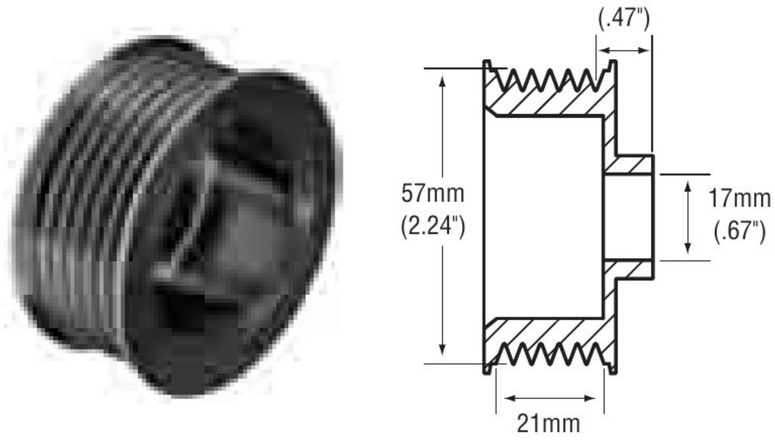
6-Groove



24-81104

Pulley - 6-Groove

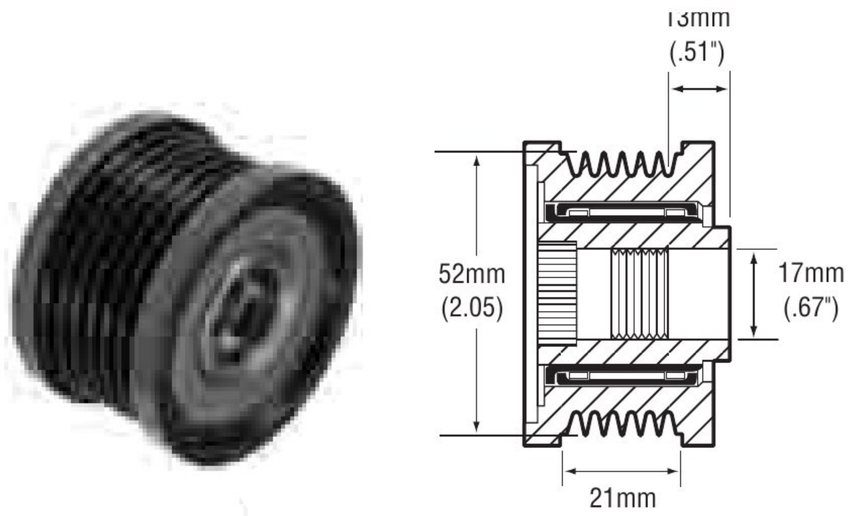
For: Hitachi IR/IF Alternators
Used On: (2000-95) Infiniti, Nissan
Replaces: Nissan 23150-40U00
Unit Nos: Hitachi LR190-729, -729C, -737B, -737E; LR1100-704B, -711B, -716; LR1110-705, -705B, -709, -709B; LR1125-702, -702B, -702F
Lester Nos: 13612, 13638, 13639, 13657, 13713, 13724
WAI Ref. Nos: 1-1921-01HI, 1-2098-01HI, 1-2103-01HI, 1-2124-01HI, 1-2125-01HI, 1-2231-01HI, 1-2379-01HI
Dim: 21mm Belt x 62mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-81105

Pulley - 6-Groove

For: Hitachi IR/IF Alternators
Used On: (2002-98) Honda, Isuzu
Replaces: Isuzu 8-97135-144-0
Unit Nos: Hitachi LR160-731, LR170-755, LR190-744
Lester Nos: 13757, 13775, 13825
WAI Ref. Nos: 1-2089-02HI, 1-2180-01HI, 1-2240-01HI
Dim: 21mm Belt x 57mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



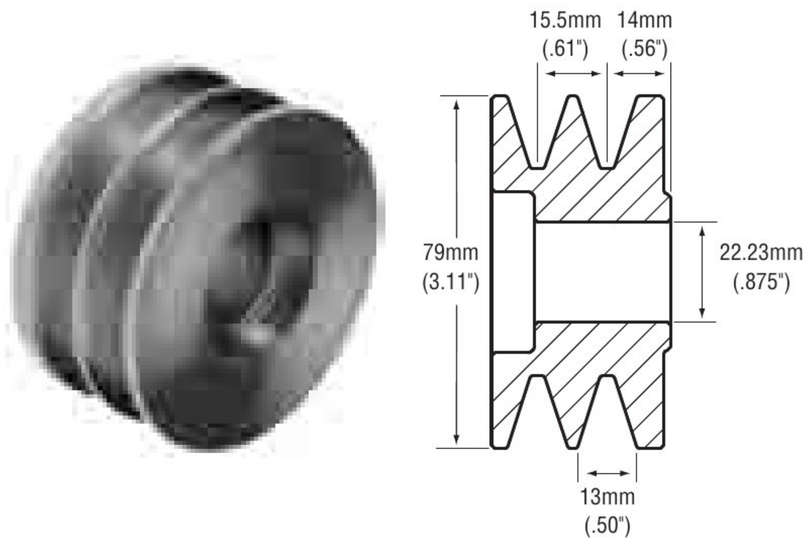
24-81107

Pulley - 6-Groove

For: Hitachi IR/IF Alternators
Replaces: (Stamped F-232288.1)
Dim: 21mm Belt x 52mm OD x 17mm Bore
Features:
• Overrunning Clutch

LEECE-NEVILLE

2-Groove

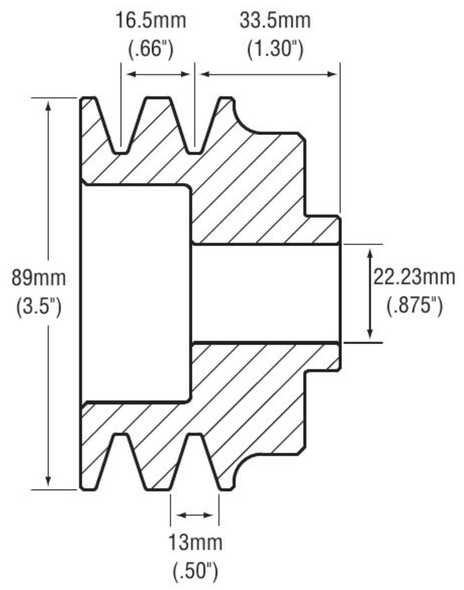


24-1500

Pulley - 2-Groove

For: Delco 25SI, 27SI/Type 200, 29SI, 30SI Series IR/EF; Leece-Neville 2300-2800JB Series Alternators
Replaces: Delco 1953071, 1962567; Leece-Neville 73981, 76699
Dim: 13mm Belts x 79mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
• Machined pulley cut from cold rolled steel



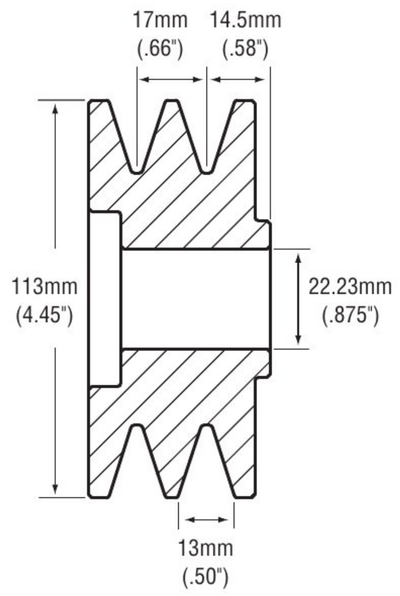


24-1501

Pulley - 2-Groove

For: Delco 25SI, 29SI, 30SI Series IR/EF; Leece-Neville 2300-2800JB Series Alternators
Used On: Kenworth, Mack, Peterbilt w/ Cummins 6 Cyl. (Diesel) Engine
Replaces: Cummins 213326; Delco 1938553; Prestolite 34-111
Dim: 13mm Belts x 89mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
• Machined pulley cut from cold rolled steel



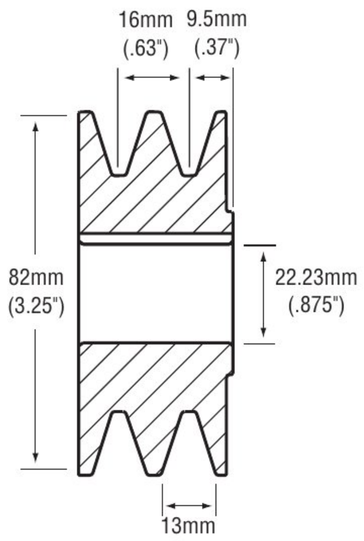


24-5500

Pulley - 2-Groove

For: Leece-Neville 2300-2800J Series Alternators
Used On: Mack Truck
Replaces: Mack Truck 302GC295
Dim: 13mm Belts x 113mm OD x 22.23mm (7/8") Bore w/ Keyway





24-7753

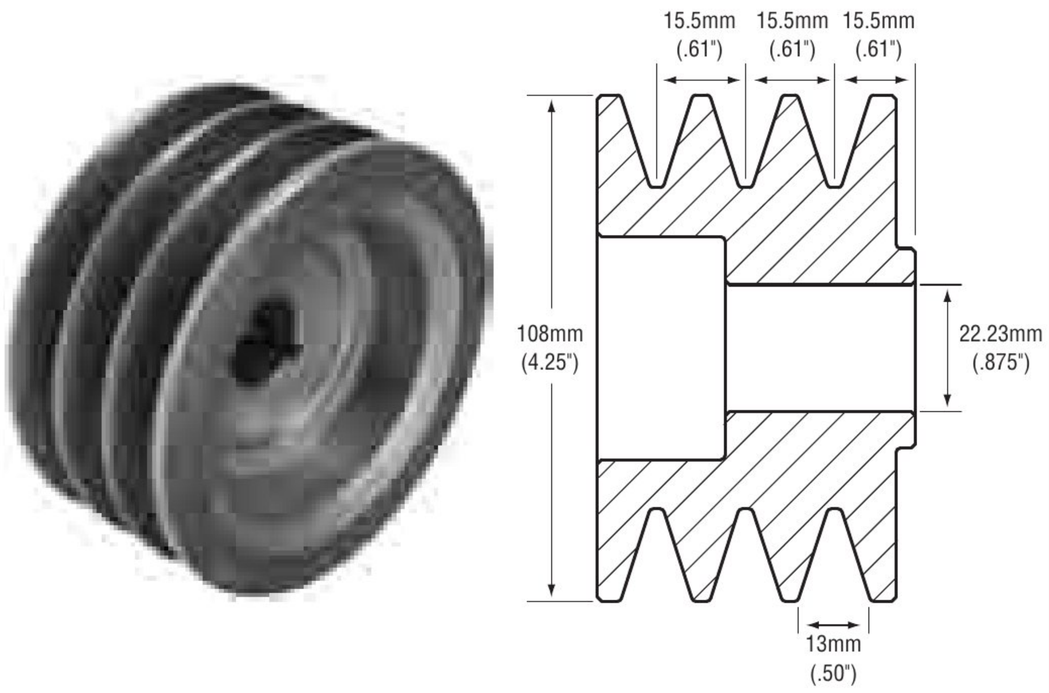
Pulley - 2-Groove

For: Leece-Neville 2300-2800JB Series Alternators
Used On: Caterpillar
Replaces: Leece-Neville 74281, K176074281
Dim: 13mm Belt x 82mm OD x 22.23mm (7/8") Bore w/ Keyway
Note: With 1.5mm Hub, 9.5mm from Hub to 1st Groove
Features:
• Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

LEECE-NEVILLE

3-Groove



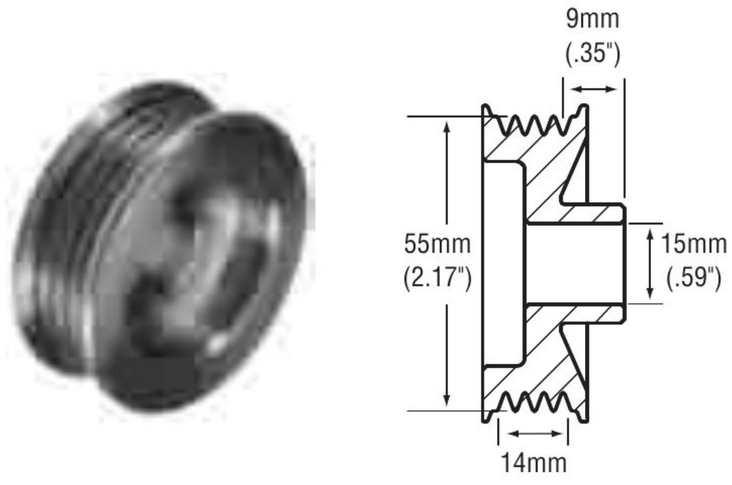
24-5501

Pulley - 3-Groove

For: Leece-Neville 2300-2800J Series Alternators
Used On: Mack Truck
Replaces: Mack Truck 310GC273
Dim: 13mm Belts x 108mm OD x 22.23mm (7/8") Bore w/ Keyway

MANDO

4-Groove



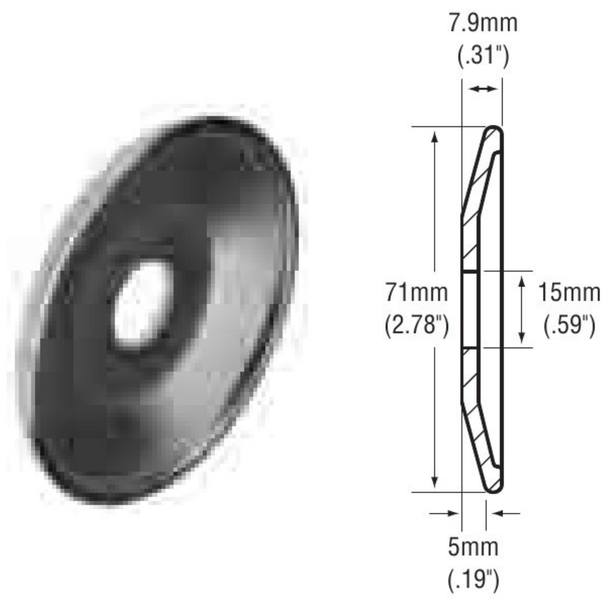
24-83252

Pulley - 4-Groove

For: Mando, Mitsubishi IR/IF Alternators
Used On: (1989-85) Dodge, Hyundai, Mitsubishi, Plymouth
Unit Nos: Mando AB155001, AR160A; Mitsubishi A1T01991, A1T40791, A1T40891, A2T49891
Lester Nos: 14694, 14708, 14917, 14950
WAI Ref. Nos: 1-1193-01MD, 1-1193-01MI, 1-1194-01MI
Dim: 14mm Belt x 55mm OD x 15mm Bore
Features:
• Machined pulley cut from cold rolled steel

MITSUBISHI

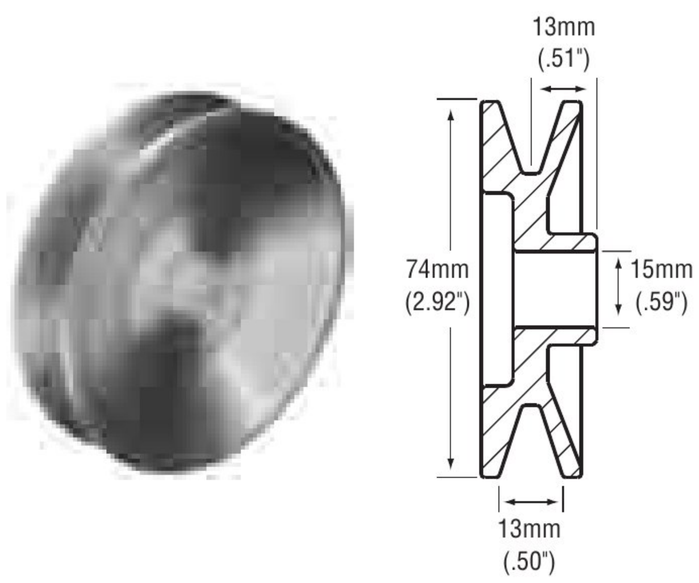
1-Groove



24-83101

Pulley Half - 1-Groove

For: Mitsubishi IR/IF Alternators
Used On: (1996-86) Dodge, Ford, Mazda, Mercury, Mitsubishi, Plymouth
Unit Nos: Mitsubishi A1T34672, A1T41171, A2T02271, A2T02471, A2T03072, A2T03471, A2T03972, A2T04271, A2T05772, A2T05772X, A2T06871, A2T13571, A2T13571A, A2T17872, A2T47371, A2T47371A, A2T49972, A5T00972, A5T16471, A5T30871, A5T31971, A5T31971A, A5T32571
Lester Nos: 13182, 13183, 13259, 13295, 14428, 14429, 14430, 14432, 14437, 14438, 14445, 14902, 14903, 14905, 14943
WAI Ref. Nos: 1-1135-01MI, 1-1136-01MI, 1-1171-01MI, 1-1172-01MI, 1-1173-01MI, 1-1176-01MI, 1-1191-02MI, 1-1201-02MI, 1-1205-01MI, 1-1207-01MI, 1-1213-01MI, 1-1944-01MI, 1-2163-01MI
Dim: 10mm Belt x 71mm OD x 15mm Bore
Note: Two pulley halves required to make one pulley

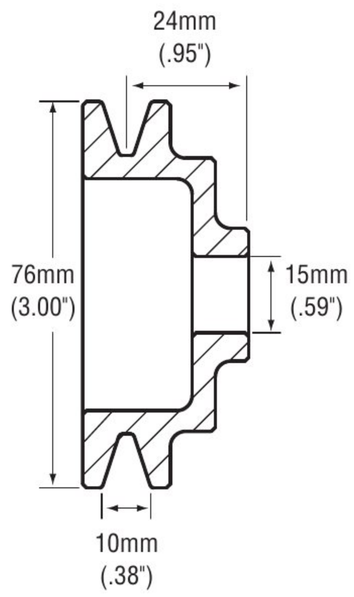


24-83102

Pulley - 1-Groove

For: Mitsubishi IR/IF Alternators
Used On: (1998-86) Dodge, Ford, Mazda, Mercury, Mitsubishi, Plymouth
Unit Nos: Mitsubishi A1T34672, A1T41171, A2T02271, A2T02471, A2T03072, A2T03471, A2T03477, A2T03972, A2T04271, A2T06871, A2T07577, A2T13571, A2T13571A, A2T13977, A2T17872, A2T19677, A2T19877, A2T41677, A2T47371, A2T47371A, A2T49972, A2T49977, A3T41876, A5T00777, A5T00877, A5T01577, A5T01977, A5T02377, A5T02777, A5T16471, A5T30871, A5T30977, A5T31177, A5T31971, A5T31971A, A5T32571, A5T41477
Lester Nos: 13182, 13211, 13227, 13231, 13238, 13253, 13259, 13282, 13292, 13314, 13350, 13432, 14428, 14429, 14430, 14432, 14433, 14437, 14438, 14445, 14902, 14903, 14916, 14943
Dim: 13mm Belt x 74mm OD x 15mm Bore
Features:
• One-piece design



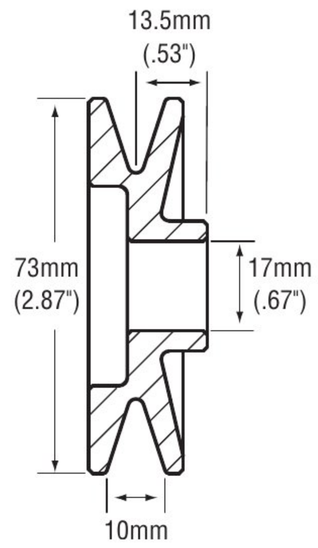


24-83103

Pulley - 1-Groove

For: Mitsubishi IR/IF Alternators
Used On: (1990-88) Ford, Mercury
Unit Nos: Mitsubishi A3T01598
Lester Nos: 13190
WAI Ref. Nos: 1-1180-02MI
Dim: 10mm Belt x 76mm OD x 15mm Bore
Features:
• Machined pulley cut from cold rolled steel





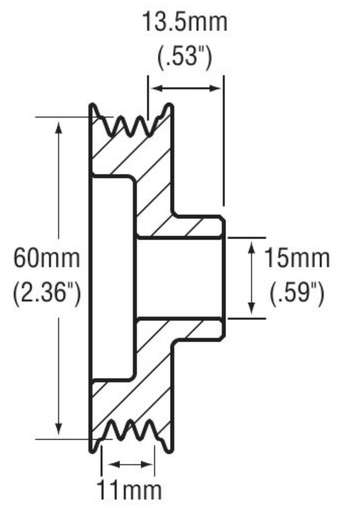
24-83104

Pulley - 1-Groove

For: Mitsubishi IR/IF Alternators
Used On: (1996-91) Ford, Mazda, Mercury
Unit Nos: Mitsubishi A2T32899, A2T34477, A2T35177, A5T03677, A5T03777
Lester Nos: 13227, 13282, 13350, 13432
WAI Ref. Nos: 1-1150-02MI, 1-1160-01MI, 1-1177-01MI, 1-1428-01MI
Dim: 10mm Belt x 73mm OD x 17mm Bore
Features:
• One-piece design
• Machined pulley cut from cold rolled steel

3-Groove



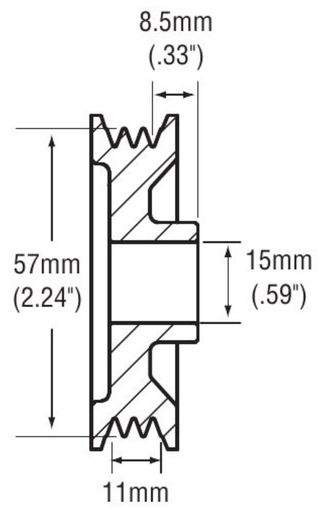


24-83250

Pulley - 3-Groove

For: Mitsubishi IR/IF Alternators
Used On: (1992-88) Ford, Mazda
Unit Nos: Mitsubishi A2T05892, A2T05893, A2T19991, A2T20091, A2T20191
Lester Nos: 13196, 13297, 13299
WAI Ref. Nos: 1-1142-01MI, 1-1143-01MI, 1-1145-01MI
Dim: 11mm Belt x 60mm OD x 15mm Bore
Features:
• Machined pulley cut from cold rolled steel





24-83251

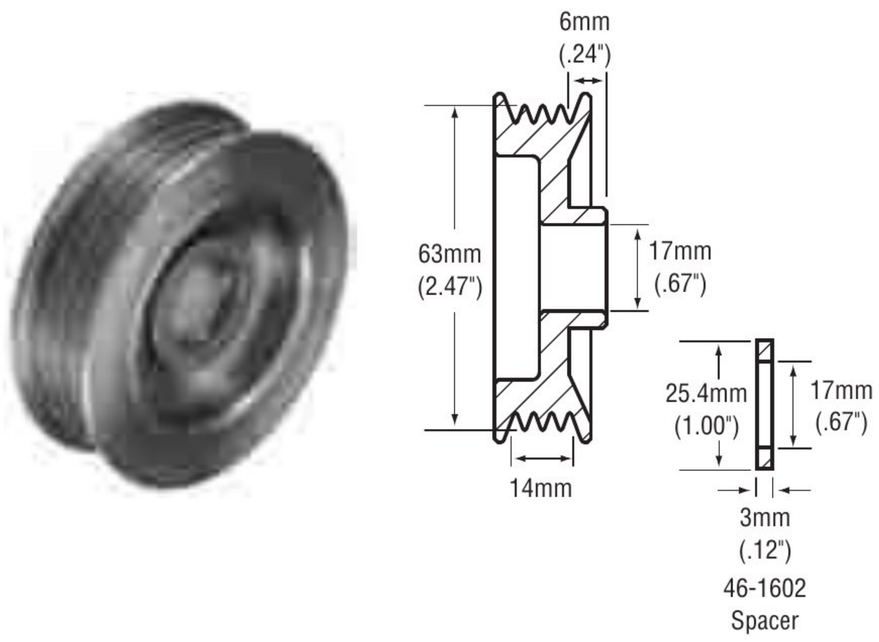
Pulley - 3-Groove

For: Mitsubishi IR/IF Alternators
Used On: (1989-84) Honda
Unit Nos: Mitsubishi A1T01591, A1T01691, A1T02091, A1T02291
Lester Nos: 13265, 13266
WAI Ref. Nos: 1-1015-01MI, 1-1017-01MI
Dim: 11mm Belt x 57mm OD x 15mm Bore
Features:
• Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

MITSUBISHI

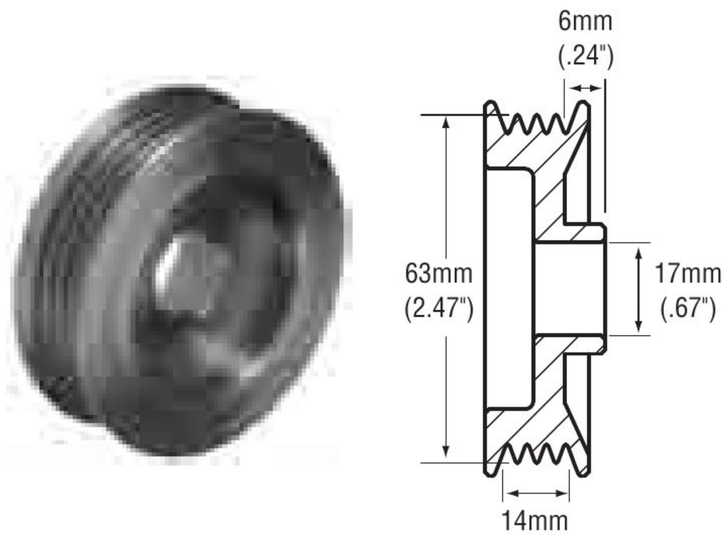
4-Groove



24-81250

Pulley - 4-Groove

For: Hitachi IR/IF Alternators; Mitsubishi ER/IF, IR/IF Alternators
Used On: (1995-85) Dodge, Nissan, Plymouth
Unit Nos: Hitachi LR165-708C*, LR170-713, LR170-716, LR170-716B, LR170-721, LR170-721B, LR170-738*, LR170-738B*, LR170-738C*, LR170-738E*, LR180-704**, LR190-704**, LR190-704B, LR190-706, LR190-707, LR190-709, LR190-709B, LR190-711; Mitsubishi A2T48292, A2T81391
Lester Nos: 13262, 13334*, 13580, 14242, 14243, 14651, 14661, 14752
WAI Ref. Nos: 1-1122-01HI, 1-1126-02HI, 1-1126-02MI, 1-1423-01HI*, 1-1477-01HI, 1-1533-01HI, 1-1874-01MI, 1-2099-01HI
Dim: 14mm Belt x 63mm OD x 17mm Bore
Note: *Requires pulley spacer included w/ 24-81250. **Original 74mm OD pulley has been replaced with 63mm OD pulley and requires Nissan 11720-16E02 fan belt.
Components:
46-1602-2 Spacer
Features:
• Machined pulley cut from cold rolled steel



24-81250-1

Pulley - 4-Groove

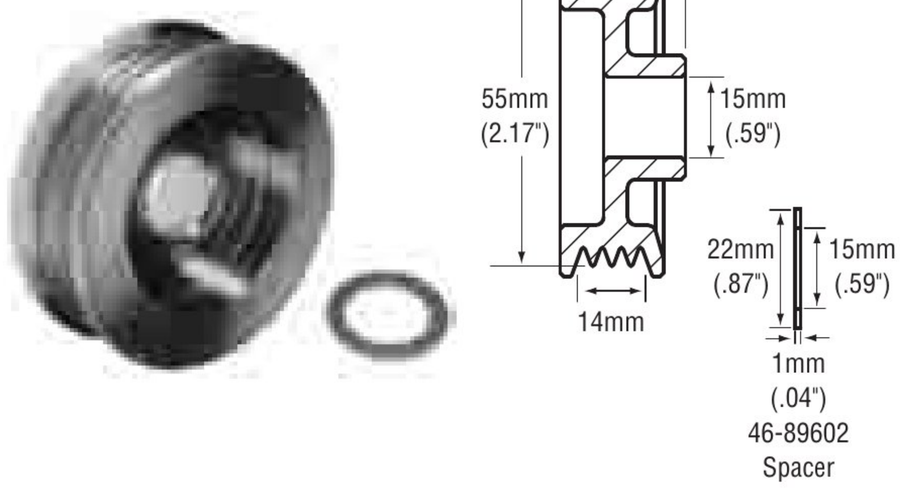
Same as 24-81250 except...
Note: Same as 24-81250 except 24-81250-1 does not include the 46-1602-2 spacer.



24-83252

Pulley - 4-Groove

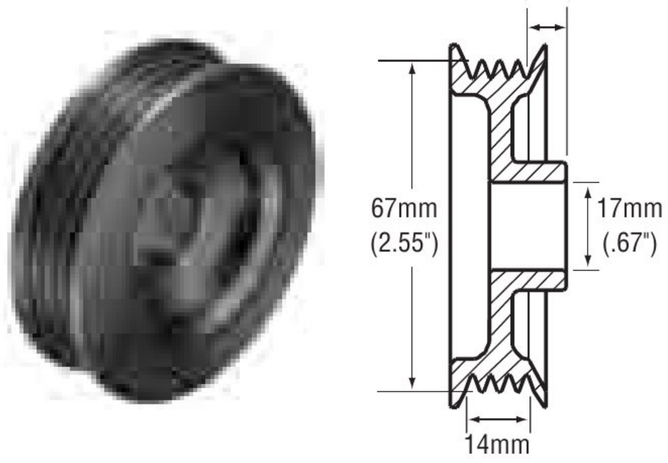
For: Mando, Mitsubishi IR/IF Alternators
Used On: (1989-85) Dodge, Hyundai, Mitsubishi, Plymouth
Unit Nos: Mando AB155001, AR160A; Mitsubishi A1T01991, A1T40791, A1T40891, A2T49891
Lester Nos: 14694, 14708, 14917, 14950
WAI Ref. Nos: 1-1193-01MD, 1-1193-01MI, 1-1194-01MI
Dim: 14mm Belt x 55mm OD x 15mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-83265

Pulley - 4-Groove

For: Mitsubishi IR/IF Alternators
Used On: (1998-85) Chevrolet, Dodge, Eagle, Geo, Mitsubishi, Plymouth, Suzuki
Unit Nos: Mitsubishi A1T03191*, A2T00991, A2T03691, A2T09691, A2T43891, A2T48791
Lester Nos: 13197, 13213*, 14434, 14435, 14447, 14693, 14706, 14709
WAI Ref. Nos: 1-1187-01MI, 1-1195-01MI, 1-1198-01MI, 1-1229-01MI*, 1-2162-01MI
Dim: 14mm Belt x 55mm OD x 15mm Bore
Note: *Does not require 46-89602 1mm pulley spacer included w/ 24-83265
Features:
• Machined pulley cut from cold rolled steel

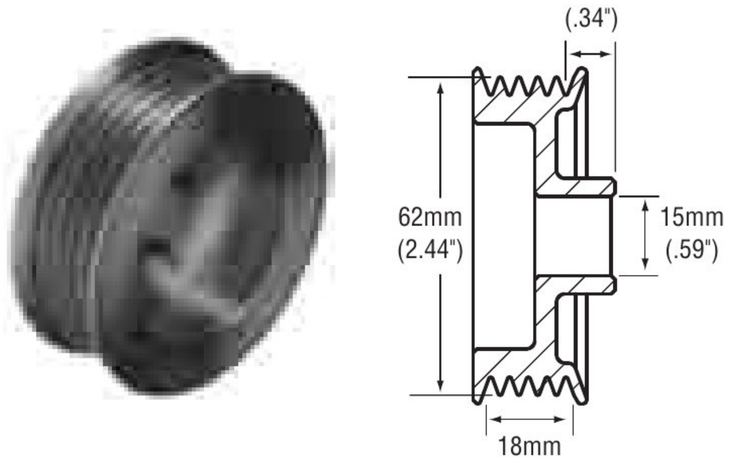


24-83270

Pulley - 4-Groove

For: Mitsubishi ER/IF Alternators
Used On: (1999-95) Dodge, Honda, Plymouth
Unit Nos: Mitsubishi A2T81192, A2TA2191, A2TB1491
Lester Nos: 13580, 13648, 13735
WAI Ref. Nos: 1-1874-01MI, 1-2095-01MI, 1-2107-01MI
Dim: 14mm Belt x 67mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

5-Groove

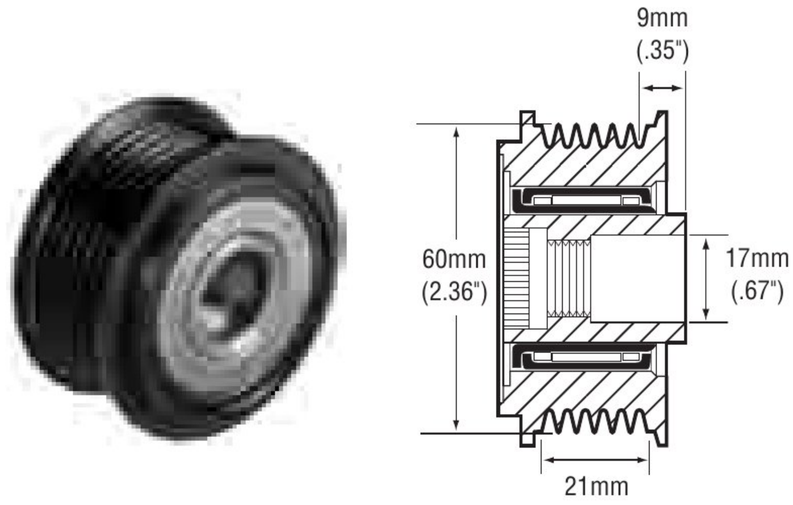


24-83267

Pulley - 5-Groove

For: Mitsubishi IR/IF Alternators
Used On: (1996-88) Dodge, Hyundai, Mitsubishi
Unit Nos: Mitsubishi A3T00692, A3T00792, A3T02193, A3T04292, A3T04493, A3T08293
Lester Nos: 13257, 13272, 13290, 13352
WAI Ref. Nos: 1-1192-01MI, 1-1202-01MI, 1-1215-01MI, 1-1221-01MI
Dim: 18mm Belt x 62mm OD x 15mm Bore
Features:
• Machined pulley cut from cold rolled steel

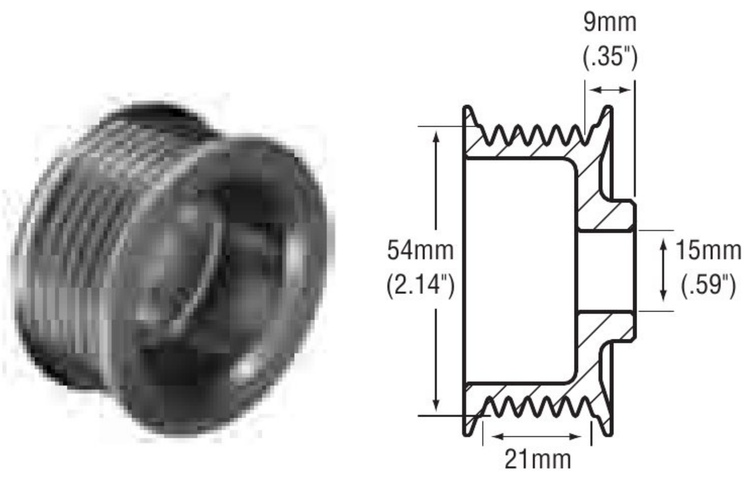
6-Groove



24-2280

Pulley - 6-Groove

For: Mitsubishi ED/IF Alternators
Used On: (2001-00) Mazda
Replaces: Mazda GY02-18-330A (stamped F-232600)
Unit Nos: Mazda GY01-18-300E, GY01-18-W9XA; Mitsubishi A3TB1081, A
Lester Nos: 13883
WAI Ref. Nos: 1-2377-01MI
Dim: 21mm Belt x 60mm OD x 17mm Bore
M17 x 1.50 Int. Threads
Note: 9mm from hub to center of 1st groove.
M17 x 1.50 Int. Threads. Similar to 24-2279 except 24-2279 has M16 x 1.50 Int. Threads.
Features:
• Overrunning Clutch



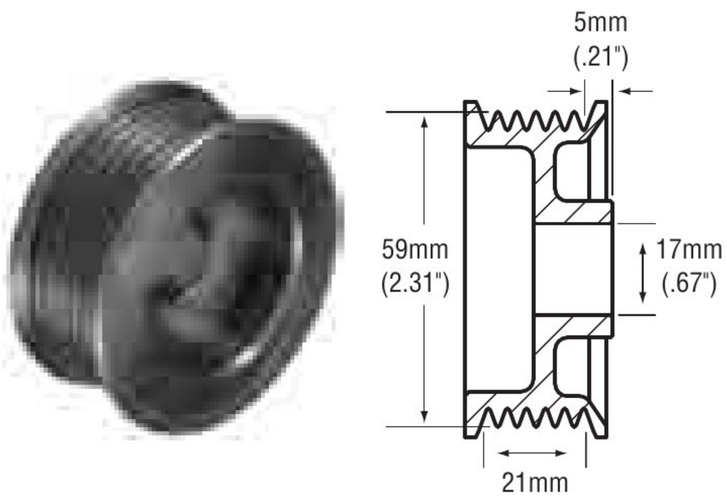
24-83253

Pulley - 6-Groove

For: Mitsubishi IR/IF; Nippondenso IR/IF Alternators
Used On: (1993-88) Ford, Mercury, Toyota
Unit Nos: Mitsubishi A3T00491, A3T00896, A3T01496, A3T01596; Nippondenso 100211-332, 100211-746
Lester Nos: 13188, 13189, 13230, 13277, 13298
WAI Ref. Nos: 1-1028-01ND, 1-1175-01MI, 1-1180-01MI, 1-1182-01MI, 1-1183-01MI
Dim: 21mm Belt x 54mm OD x 15mm Bore
Features:
• Machined pulley cut from cold rolled steel

MITSUBISHI

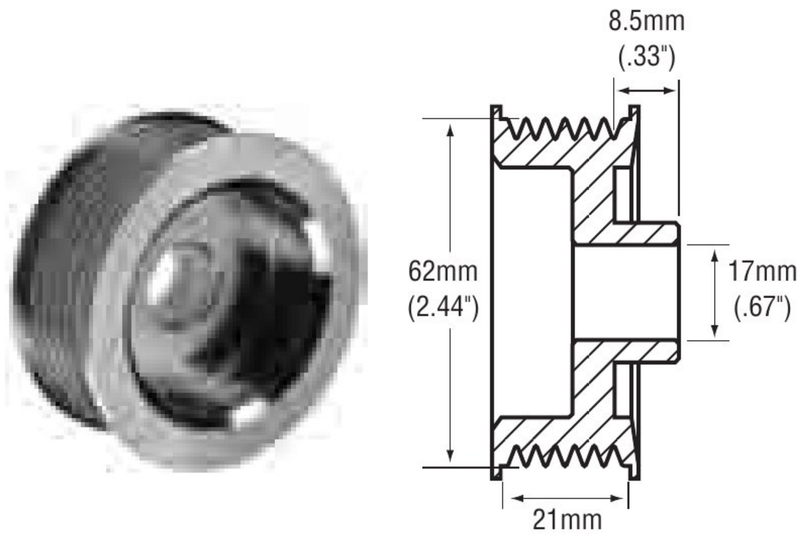
6-Groove (cont'd.)



24-83261

Pulley - 6-Groove

For: Mitsubishi IR/IF Alternators
Used On: (1995-93) Ford, Lincoln
Replaces: Ford F3LY-10344-A, GPE-700
Unit Nos: Mitsubishi A6T41491, A6T41591
Lester Nos: 13447, 13448
WAI Ref. Nos: 1-1589-01MI, 1-1590-01MI
Dim: 21mm Belt x 59mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

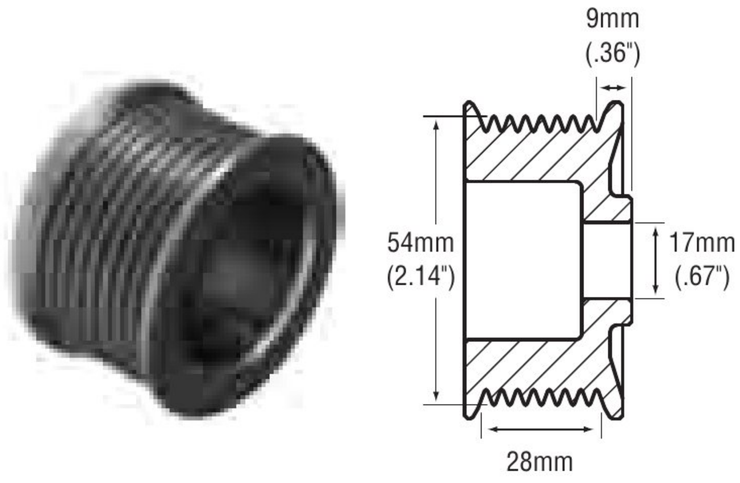


24-83274

Pulley - 6-Groove

For: Mitsubishi IR/IF Alternators
Used On: (2005-02) Honda
Unit Nos: Honda 31100-PLM-A02;
Mitsubishi A5TA7091, A5TA7091ZC
Lester Nos: 13893
WAI Ref. Nos: 1-2509-01MI
Dim: 21mm Belt x 62mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

8-Groove



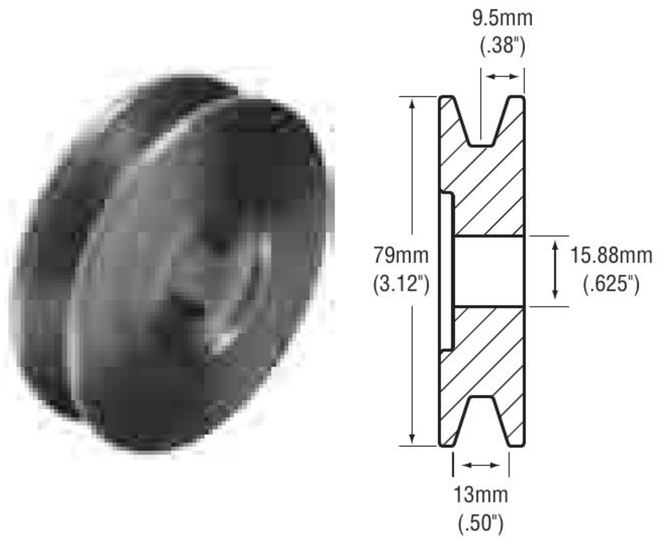
24-83258

Pulley - 8-Groove

For: Mitsubishi IR/IF Alternators
Used On: (1993-89) Ford, Mercury
Unit Nos: Mitsubishi A4T00796
Lester Nos: 13212
WAI Ref. Nos: 1-1184-01MI
Dim: 28mm Belt x 54mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

MOTOROLA

1-Groove



24-4100

Pulley - 1-Groove

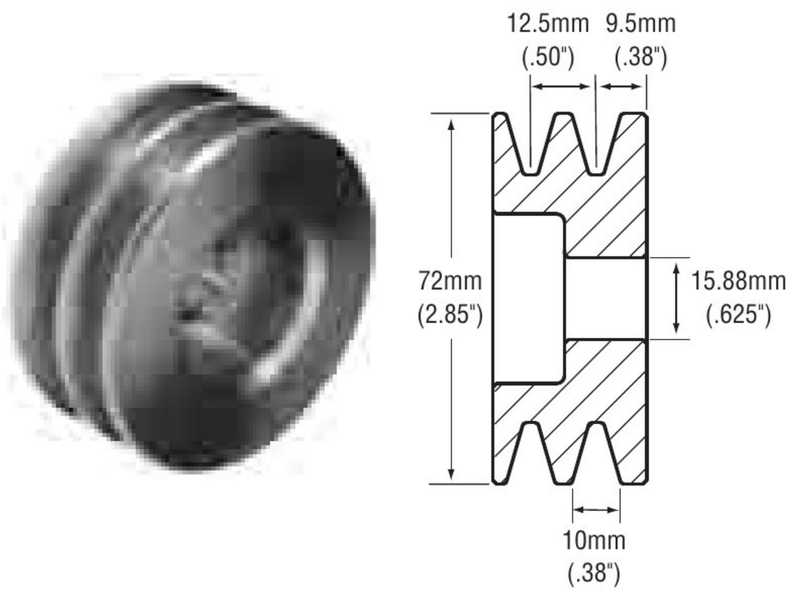
For: Motorola / Prestolite 8HA Series Alternators
Used On: Thermo King
Replaces: Thermo King 77-614
Dim: 13mm Belt x 79mm OD x 15.88mm (5/8") Bore w/ Keyway
Features:
• Machined pulley cut from cold rolled steel



24-4103
Pulley - 1-Groove

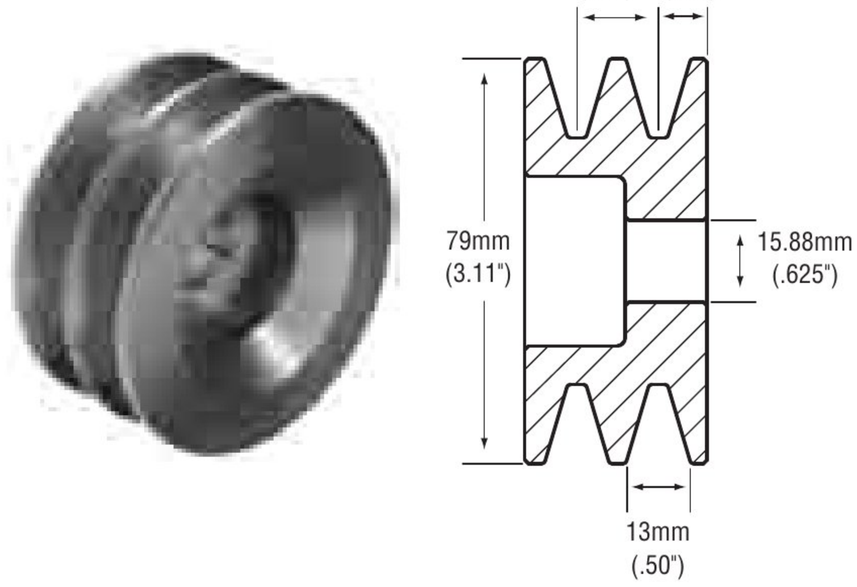
For: Motorola / Prestolite 8AL/A, 8AR/RA, 8MR Series Alternators
Used On: AMC
Replaces: Motorola 7-1; Prestolite 107-1
Dim: 10mm Belt x 66mm OD x 15.88mm (5/8") Bore w/ Keyway
Features:
- Machined pulley cut from cold rolled steel

2-Groove



24-4101
Pulley - 2-Groove

For: Motorola / Prestolite 8AR, 8MR, 8TA/TA, MA Series Alternators
Used On: Agricultural, Industrial Applications
Replaces: Motorola 7-37; Prestolite 107-37
Unit Nos: Motorola / Prestolite 8AR2041F, 8MR2001, 8MR2002, 8MR2003, 8TA2009E, MA12NJD1201, MA12NJD602, TA12NJD400
Dim: 10mm Belts x 72mm OD x 15.88mm (5/8") Bore w/ Keyway
Features:
- Machined pulley cut from cold rolled steel

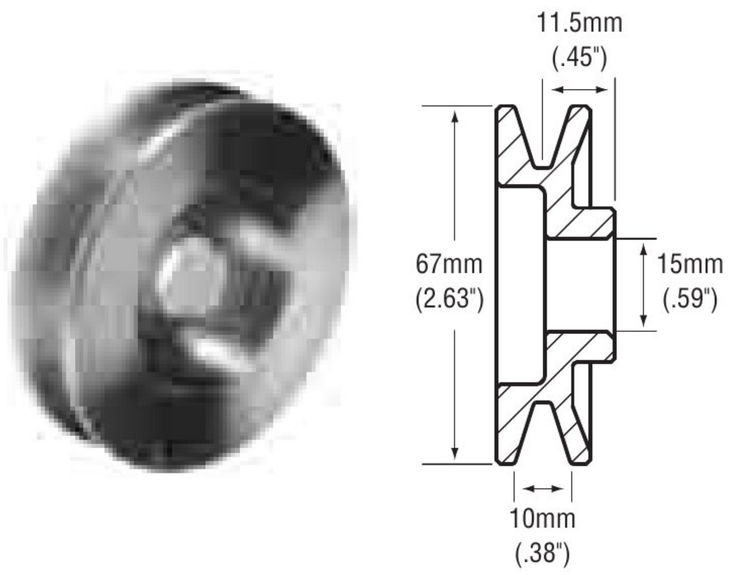


24-4102
Pulley - 2-Groove

For: Motorola / Prestolite 8AR, 8MR, 8TA/TA, MA Series Alternators
Used On: Agricultural, Industrial Applications
Replaces: Motorola 7-43; Prestolite 107-43
Unit Nos: Motorola / Prestolite 8AR2019F, 8AR2050F, 8AR2051K, 8AR2074F, 8MH2006K, 8MR2013K, 8MR2014K, 8TA2007D, MA12NJD451, MA12NJD601, TA12NJD327
Dim: 13mm Belts x 79mm OD x 15.88mm (5/8") Bore w/ Keyway
Features:
- Machined pulley cut from cold rolled steel

NIPPONDENSO

1-Groove



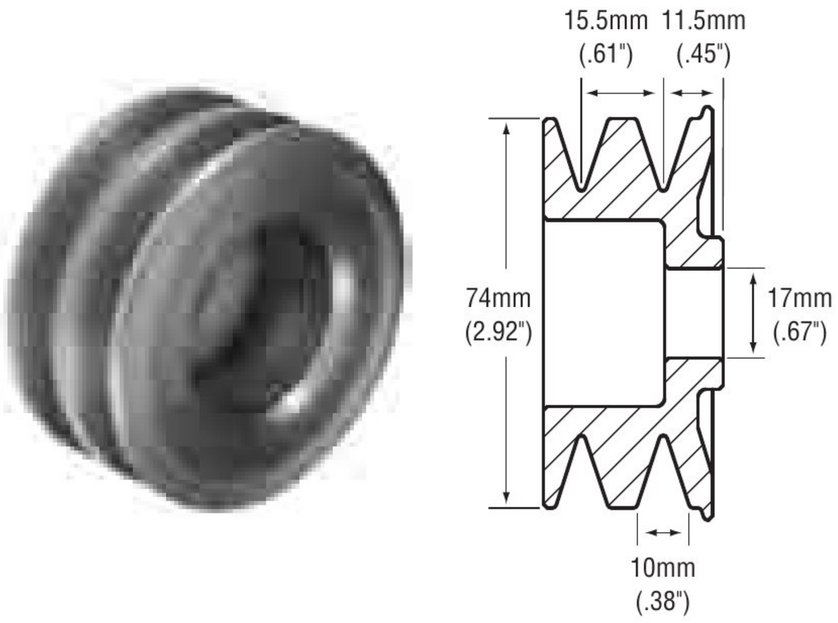
24-82105
Pulley - 1-Groove

For: Nippondenso IR/IF Alternators
Used On: (1995-85) Isuzu, Toyota
Unit Nos: Nippondenso 100211-200, 100211-203, 100211-210, 100211-316, 100211-355, 100211-757, 100211-984, 101211-019, 101211-020
Lester Nos: 13398, 13409, 13492, 14457, 14668, 14857
WAI Ref. Nos: 1-1036-01ND, 1-1077-01ND, 1-1242-01ND, 1-1892-01ND, 1-1935-01ND, 1-1966-01ND
Dim: 10mm Belt x 67mm OD x 15mm Bore
Features:
- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

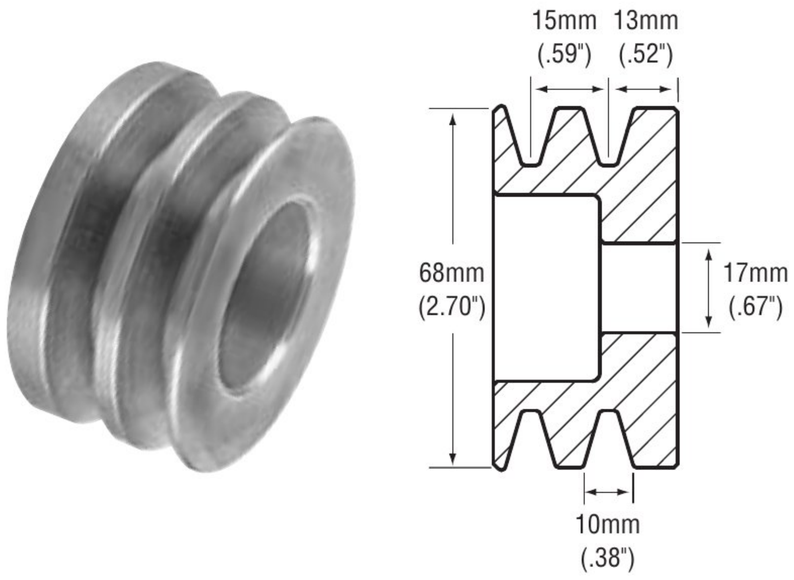
NIPPONDENSO

2-Groove



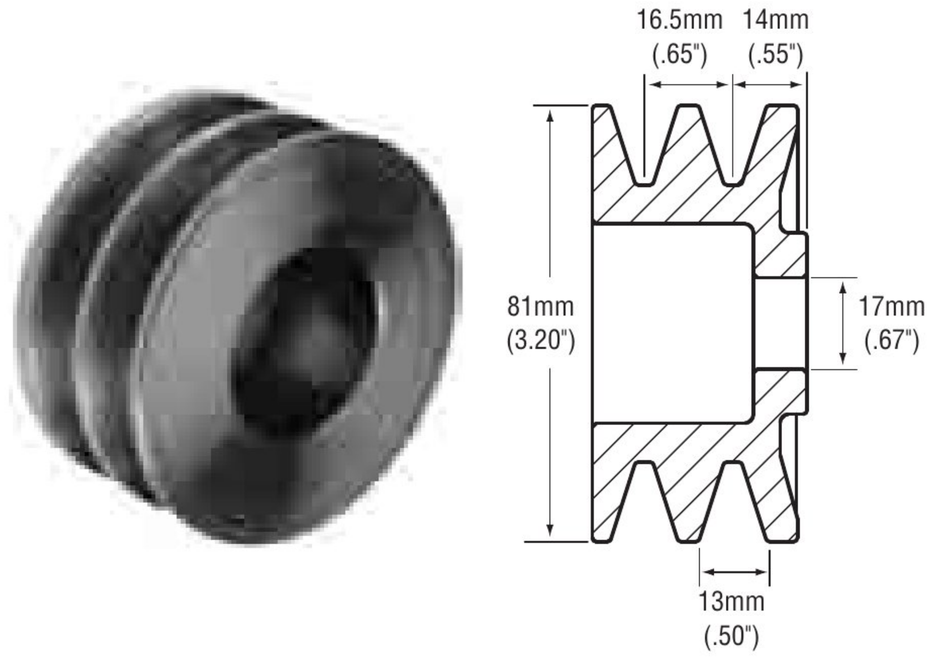
24-82108
Pulley - 2-Groove

For: Nippondenso 90-120A ER/IF Alternators
Used On: (1992-88) Chrysler, Dodge, Plymouth
Unit Nos: Nippondenso 121000-310, 121000-333, 121000-336, 121000-337, 121000-341, 121000-403, 121000-404, 121000-410
Lester Nos: 13185, 13256, 13301, 13312, 13313, 13353
WAI Ref. Nos: 1-1490-01ND, 1-1491-01ND, 1-1503-01ND, 1-1504-01ND, 1-1527-03ND, 1-1531-01ND, 1-1971-01ND
Dim: 10mm Belts x 74mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-82111
Pulley - 2-Groove

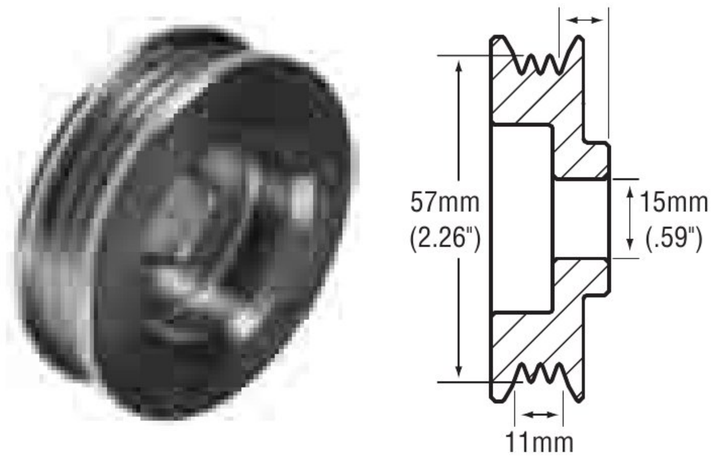
For: Nippondenso ER/EF, IR/EF Alternators
Used On: (1983-78) Toyota
Unit Nos: Nippondenso 021000-619, 021000-652, 021000-656, 021000-675, 100211-004, 100211-009, 100211-010, 100211-024, 100211-030, 100211-054, 100211-055, 100211-056
Lester Nos: 13168, 13169, 14337, 14573, 14574, 14936
WAI Ref. Nos: 1-1058-01ND, 1-1059-01ND, 1-1060-01ND, 1-1061-01ND, 1-2174-01ND
Dim: 10mm Belts x 68mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-82112
Pulley - 2-Groove

For: Nippondenso IR/IF Alternators
Used On: John Deere
Unit Nos: Nippondenso 100211-603, 100211-605
Dim: 13mm Belts x 81mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

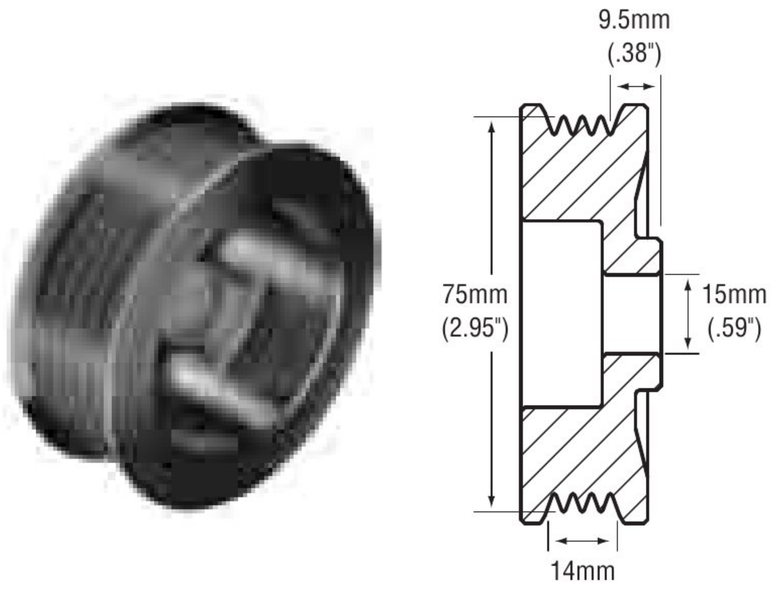
3-Groove



24-82251
Pulley - 3-Groove

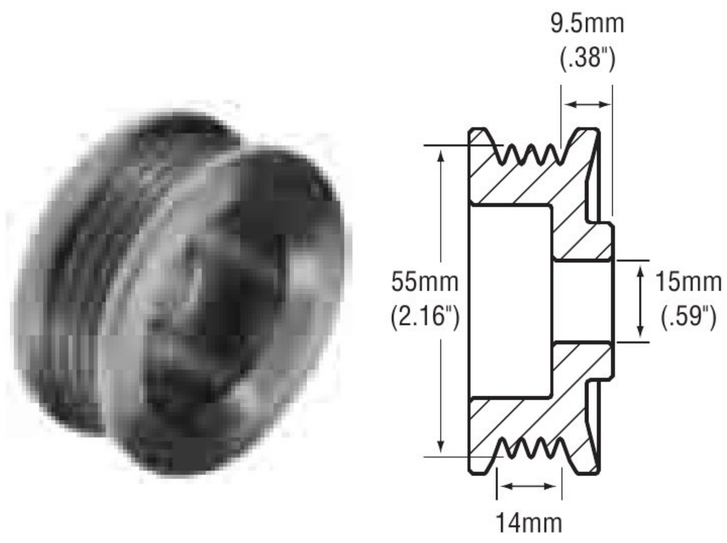
For: Nippondenso IR/IF Alternators
Used On: (1995-84) Acura, Daihatsu, Geo, Honda, Sterling, Suzuki, Toyota
Unit Nos: Nippondenso 100211-126, 100211-127, 100211-135, 100211-136, 100211-137, 100211-138, 100211-221, 100211-255, 100211-351, 100211-359, 100211-369, 100211-435, 100211-660, 100211-672, 100211-707, 100211-750
Lester Nos: 13214, 13239, 13316, 13508, 14755, 14757, 14759, 14851, 14852, 14853, 14854, 14930, 14931, 14935, 14989
WAI Ref. Nos: 1-1000-01ND, 1-1001-01ND, 1-1003-01ND, 1-1015-01ND, 1-1017-01ND, 1-1019-01ND, 1-1084-01ND, 1-1230-01ND, 1-1260-01ND, 1-1943-01ND, 1-1968-01ND
Dim: 11mm Belt x 57mm OD x 15mm Bore
Features:
• Machined pulley cut from cold rolled steel

4-Groove



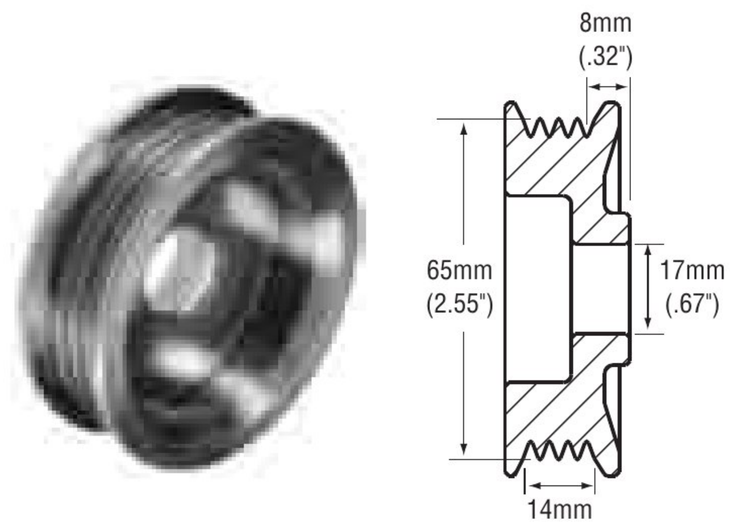
24-82254
Pulley - 4-Groove

For: Nippondenso IR/IF Alternators
Used On: (1985-84) Honda
Unit Nos: Honda 31100-PD2-004, -014, -024, -973; Nippondenso 00211-108, 100211-111
Lester Nos: 14756
WAI Ref. Nos: 1-1007-01ND
Dim: 14mm Belt x 75mm OD x 15mm Bore
Features:
• Machined pulley cut from cold rolled steel



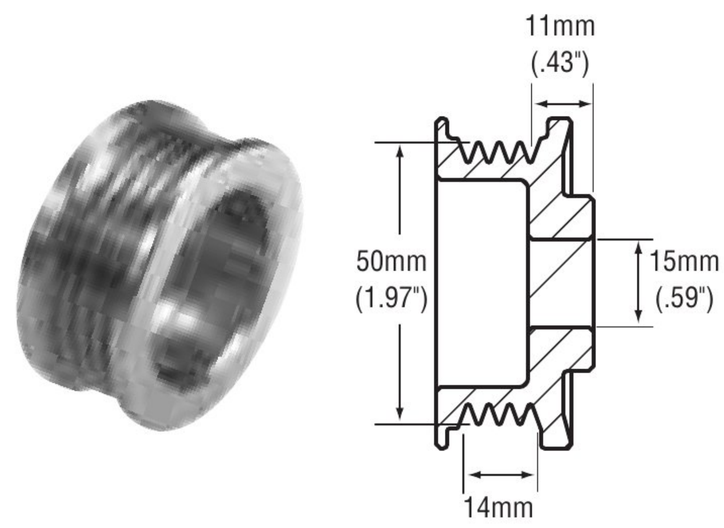
24-82256
Pulley - 4-Groove

For: Nippondenso IR/IF Alternators
Used On: (2002-87) Acura, Honda, Suzuki, Toyota
Unit Nos: Nippondenso 100211-134, 100211-312, 100211-343, 100211-350, 100211-361, 100211-376, 100211-382, 100211-396, 100211-397, 100211-713, 100211-718, 100211-733, 100211-743, 100211-782, 100211-797, 100211-971, 100211-977, 100211-989, 101211-013, 101211-025, 101211-034, 101211-035, 101211-042, 101211-059, 101211-072, 101211-073, 101211-074, 101211-413, 102211-504, 102211-509, 102211-538
Lester Nos: 13241, 13326, 13339, 13392, 13411, 13455, 13456, 13486, 13496, 13500, 13509, 13536, 13659, 13670, 13671, 13679, 13711, 14449, 14472
Dim: 14mm Belt x 55mm OD x 15mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-82258
Pulley - 4-Groove

For: Nippondenso 90-120A ER/IF, IR/IF Alternators
Used On: (2001-85) Acura, Chrysler, Dodge, Honda, Plymouth
Unit Nos: Nippondenso 100211-855, 101211-541, 101211-542, 101211-543, 101211-569, 101211-925, 101211-931, 101211-933, 101211-981, 121000-330, 121000-334, 121000-338, 121000-343, 121000-400, 121000-405
Lester Nos: 13184, 13245, 13280, 13309, 13353, 13395, 13529, 13540, 13674, 13677, 13743
WAI Ref. Nos: 1-1490-02ND, 1-1491-02ND, 1-1503-02ND, 1-1504-02ND, 1-1527-01ND, 1-1726-01ND, 1-1932-01ND, 1-1933-01ND, 1-2022-01ND, 1-2055-01ND, 1-2122-01ND
Dim: 14mm Belt x 65mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

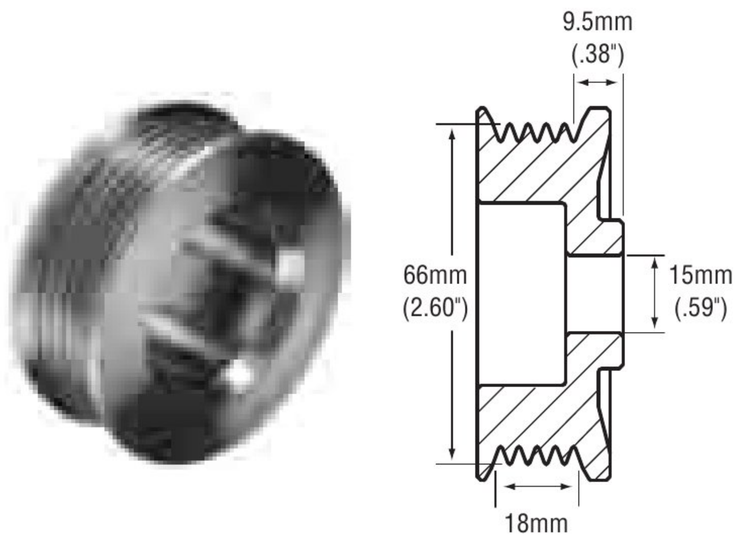


24-82264
Pulley - 4-Groove

For: Nippondenso IR/IF Alternators
Used On: (1995-85) Chevrolet, Geo, Isuzu
Unit Nos: Nippondenso 100211-133, 100211-222, 100211-372, 100211-795, 100211-973, 101211-016, 101211-083
Lester Nos: 13391, 13521, 13569, 14732, 14739, 14872
WAI Ref. Nos: 1-1237-01ND, 1-1240-01ND, 1-1436-01ND, 1-1883-01ND
Dim: 14mm Belt x 50mm OD x 15mm Bore
Features:
• Machined pulley cut from cold rolled steel

NIPPONDENSO

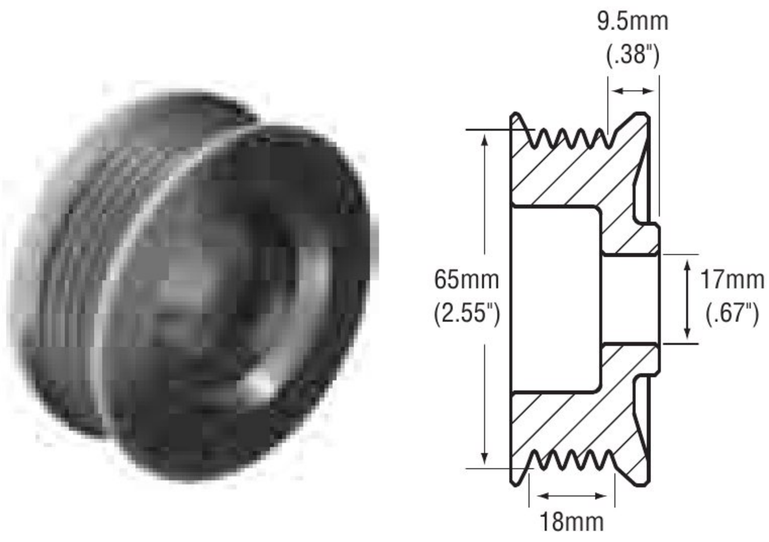
5-Groove



24-82257

Pulley - 5-Groove

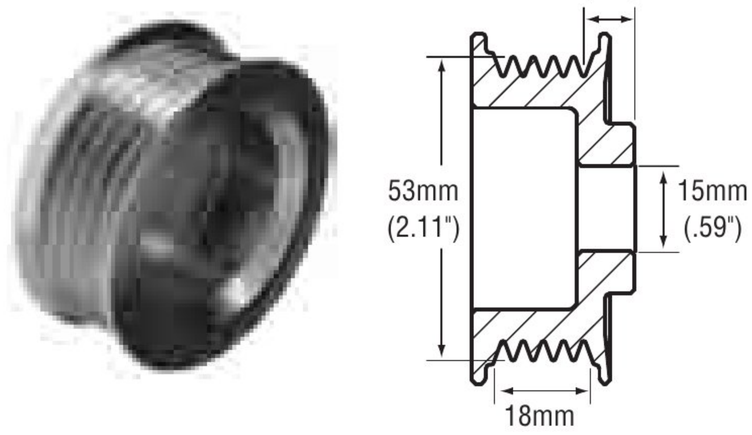
For: Nippondenso ER/IF, IR/IF Alternators
Used On: (1991-85) Chrysler, Dodge, Honda, Plymouth
Unit Nos: Nippondenso 100211-214, 100211-215, 100211-243, 100211-330, 100211-331, 100211-780, 100211-781, 121000-243
Lester Nos: 13229, 13294, 14591, 14680, 14855, 14869, 14941
WAI Ref. Nos: 1-1007-02ND, 1-1008-01ND, 1-1022-01ND, 1-1023-01ND, 1-1506-03ND
Dim: 18mm Belt x 66mm OD x 15mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-82259

Pulley - 5-Groove

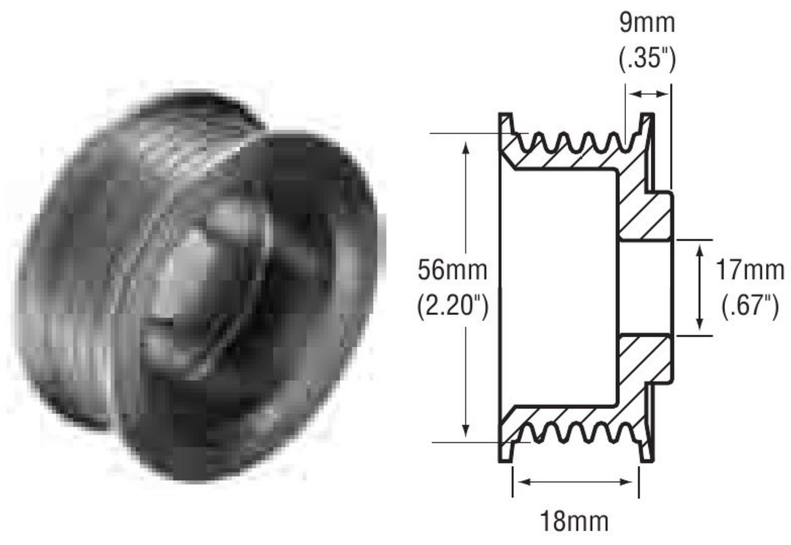
For: Nippondenso ER/IF, IR/IF Alternators
Used On: (2005-88) Acura, Chrysler, Dodge, Honda, Plymouth, Toyota
Unit Nos: Nippondenso 100211-615, 100211-617, 100211-619, 100211-802, 100211-803, 100211-815, 100211-819, 100211-871, 101211-722, 101211-723, 101211-727, 101211-757, 101211-914, 101211-986, 121000-300, 121000-331, 121000-339, 121000-401, 121000-406
Lester Nos: 13305, 13306, 13308, 13310, 13319, 13323, 13325, 13386, 13387, 13388, 13507, 13675, 13684, 13685, 13737, 13738
WAI Ref. Nos: 1-1011-01ND, 1-1039-02ND, 1-1410-01ND, 1-1411-01ND, 1-1490-03ND, 1-1491-03ND, 1-1503-03ND, 1-1504-03ND, 1-1854-01ND, 1-2054-01ND, 1-2082-01ND, 1-2084-01ND, 1-2121-01ND, 1-2142-01ND, 1-2149-01ND
Dim: 18mm Belt x 65mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-82265

Pulley - 5-Groove

For: Nippondenso ER/IF, IR/IF Alternators
Used On: (2000-83) Geo, Isuzu, Suzuki, Toyota
Unit Nos: Nippondenso 100211-100, -105*, -106, -118*, -120, -123, -202, -205, -207, -217, -225, -228, -237, -238, -250, -303, -304, -306, -315, -317, -318, -322, -326, -335, -340, -352, -353, -363, -700, -704, -705, -706, -710, -745, -764, -778, -791, -978, -979; 101211-006, -007, -010, -051, -053, -055, -412; 102211-505, -507, -515, -250
Lester Nos: 13234, 13240, 13319, 13322, 13338, 13397, 13482, 13499, 13512, 13673, 13680, 14453, 14454, 14455, 14611, 14671, 14674, 14678, 14679, 14682, 14683, 14847, 14849, 14939
Dim: 18mm Belt x 53mm OD x 15mm Bore
Note: *Requires 46-89602 1mm spacer (not included)
Features:
• Machined pulley cut from cold rolled steel

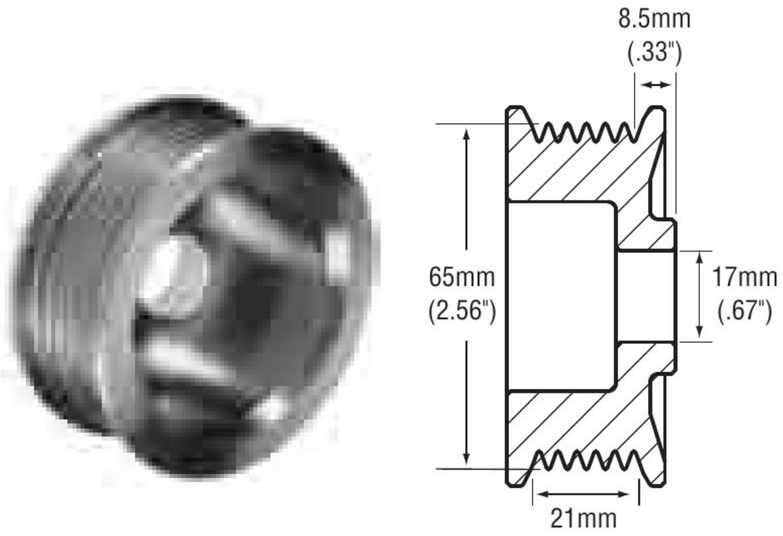


24-82271

Pulley - 5-Groove

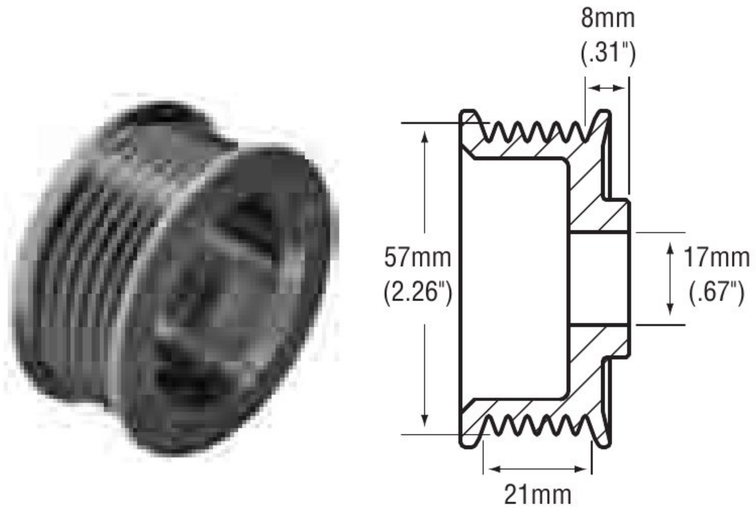
For: Nippondenso IR/IF Alternators
Used On: (2003-89) Geo, Jaguar, Mazda, Toyota
Unit Nos: Nippondenso 100211-631, -645, -805, -807, -823, -832, -848, -856, -859, -866, -881, -882, -889, -899; 101211-501, -502, -508, -509, -522, -523, -524, -536, -554, -555, -707, -724, -951, -963; 102211-124
Lester Nos: 13234, 13252, 13278, 13321, 13407, 13440, 13481, 13498, 13524, 13551, 13556, 13557, 13688, 13690, 13754, 13759, 13885
WAI Ref. Nos: 1-1041-01ND, 1-1043-01ND, 1-1063-01ND, 1-1857-01ND, 1-1858-01ND, 1-1859-01ND, 1-1860-01ND, 1-1861-01ND, 1-1889-01ND, 1-1893-01ND, 1-1982-01ND, 1-1983-01ND, 1-1984-01ND, 1-2080-01ND, 1-2085-01ND, 1-2139-01ND, 1-2259-01ND, 1-2366-01ND
Dim: 18mm Belt x 56mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

6-Groove



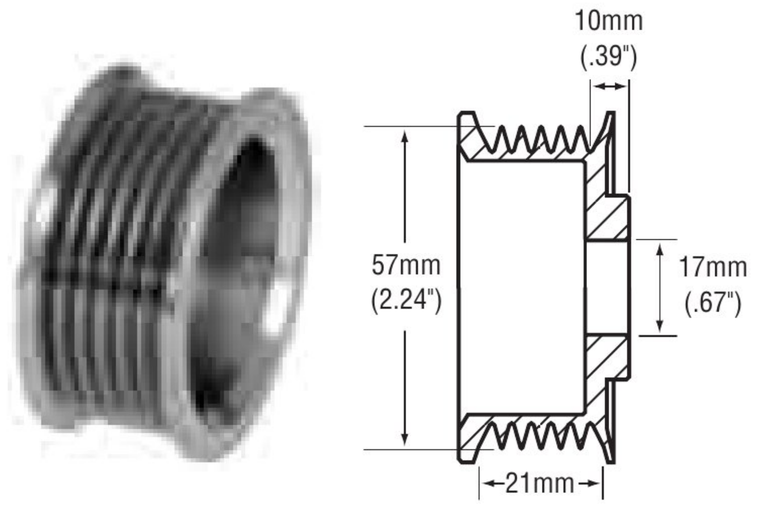
24-82260
Pulley - 6-Groove

For: Nippondenso ER/IF, IR/IF Alternators
Used On: (2005-89) Acura, Chrysler, Dodge, Honda, Isuzu, Jeep, Lexus, Plymouth, Toyota
Unit Nos: Nippondenso 100211-830, 101211-549, 101211-550, 101211-562, 101211-717, 101211-752, 101211-775, 101211-784, 101211-785, 101211-906, 101211-910, 101211-912, 101211-960, 101211-978, 101211-999, 102211-101, 102211-102, 121000-340, 121000-352, 121000-407, 121000-412, 121000-416, 121000-421, 121000-423, 121000-427, 121000-433, 121000-437, 121000-4372
Lester Nos: 13307, 13311, 13331, 13538, 13539, 13558, 13592, 13593, 13594, 13706, 13746, 13747, 13755, 13763, 13765, 13767, 13768, 13769, 13776, 13806, 13842, 13844
Dim: 21mm Belt x 65mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



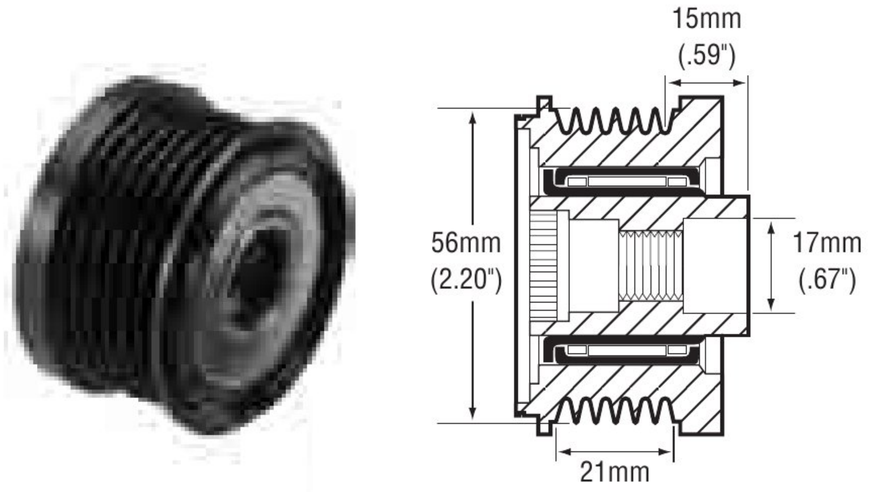
24-82263
Pulley - 6-Groove

For: Nippondenso 90A ER/IF, IR/IF Alternators
Used On: (2005-91) Chevrolet, Chrysler, Dodge, Eagle, Jeep, Lexus, Plymouth, Toyota
Unit Nos: Nippondenso 100211-883, 100211-884, 100213-072, 101211-545, 101211-556, 101211-561, 101211-776, 101211-780, 101211-915, 101211-916, 101211-935, 101211-941, 101211-971, 101211-996, 102211-059, 102211-065, 121000-344, 121000-345, 121000-348, 121000-349, 121000-351, 121000-357, 121000-358, 121000-361, 121000-367, 5-121000-257
Lester Nos: 13341, 13442, 13443, 13444, 13545, 13546, 13552, 13578, 13669, 13706, 13715, 13748, 13756, 13822
Dim: 21mm Belt x 57mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



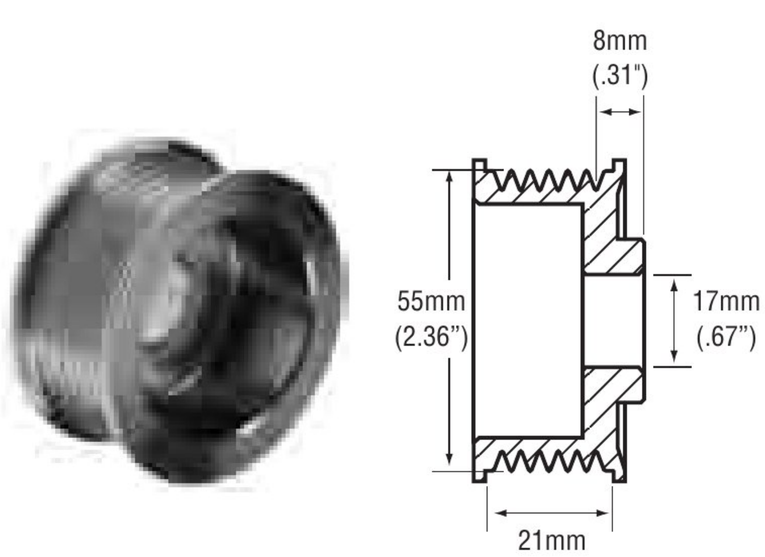
24-82272
Pulley - 6-Groove

For: Nippondenso ER/IF Alternators
Used On: (2005-99) Dodge, Jeep
Unit Nos: Chrysler 56041324, AC; 56041557AA, 56041693AC, Nippondenso 121000-292, 121000-425, 121000-454
Lester Nos: 13790
WAI Ref. Nos: 1-2286-01ND, 1-2345-01ND, 1-2497-01ND
Dim: 21mm Belt x 57mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-82275
Pulley - 6-Groove

For: Nippondenso IR/IF Alternators
Used On: Volvo
Replaces: Nippondenso 021040-0970 (Stamped F-231108)
Dim: 21mm Belt x 56mm OD x 17mm Bore
Features:
• Overrunning Clutch



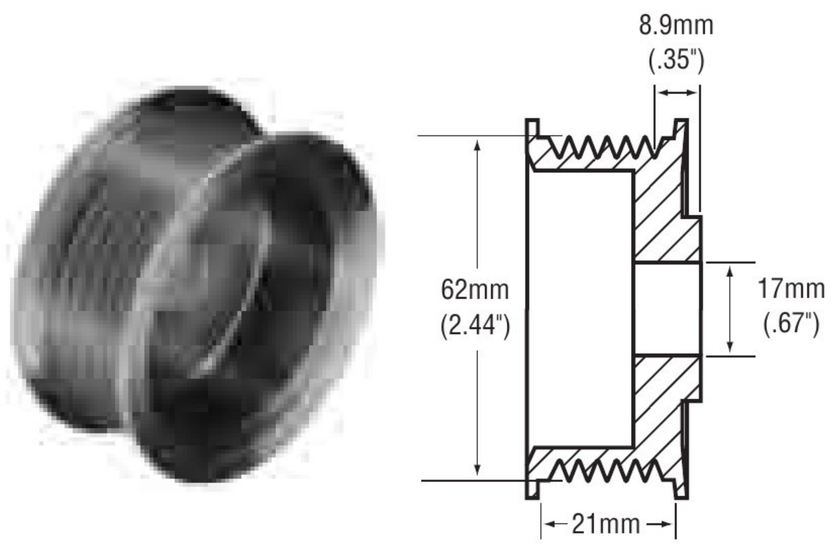
24-82277
Pulley - 6-Groove

For: Nippondenso ER/IF Alternators
Used On: (2001) Jeep
Unit Nos: Chrysler 56041822AB, Nippondenso 121000-378
Lester Nos: 13906
WAI Ref. Nos: 1-2388-02ND
Dim: 21mm Belt x 55mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

NIPPONDENSO

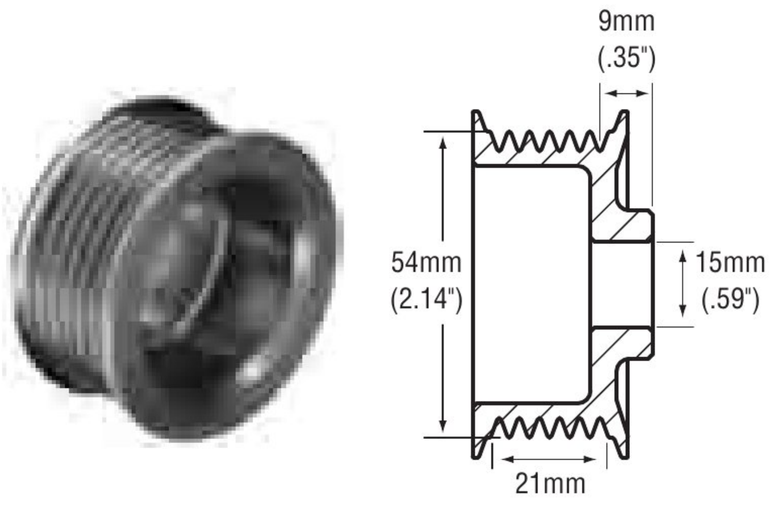
6-Groove (cont'd.)



24-82278

Pulley - 6-Groove

For: Nippondenso IR/IF Alternators
Used On: (2005-01) Cadillac, Pontiac
Unit Nos: GM 25697765, 25759776; Nippondenso 104210-306
Lester Nos: 13919
WAI Ref. Nos: 1-2407-01ND
Dim: 21mm Belt x 62mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

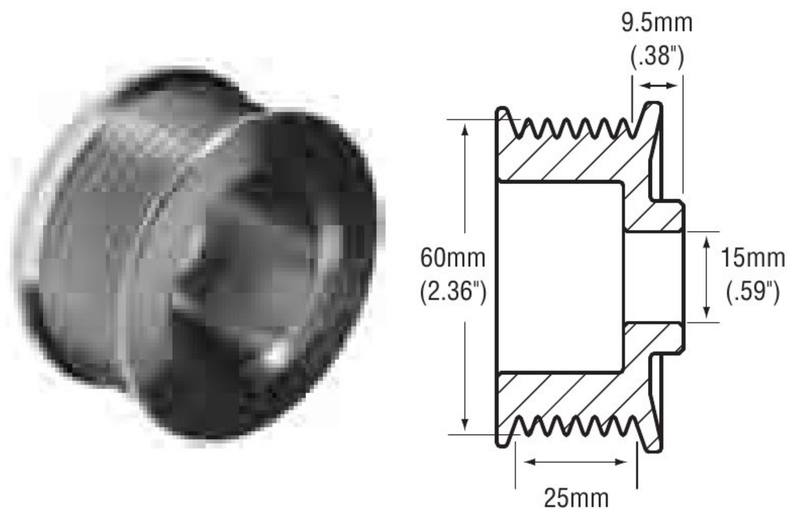


24-83253

Pulley - 6-Groove

For: Mitsubishi IR/IF; Nippondenso IR/IF Alternators
Used On: (1993-88) Ford, Mercury, Toyota
Unit Nos: Mitsubishi A3T00491, A3T00896, A3T01496, A3T01596; Nippondenso 100211-332, 100211-746
Lester Nos: 13188, 13189, 13230, 13277, 13298
WAI Ref. Nos: 1-1028-01ND, 1-1175-01MI, 1-1180-01MI, 1-1182-01MI, 1-1183-01MI
Dim: 21mm Belt x 54mm OD x 15mm Bore
Features:
• Machined pulley cut from cold rolled steel

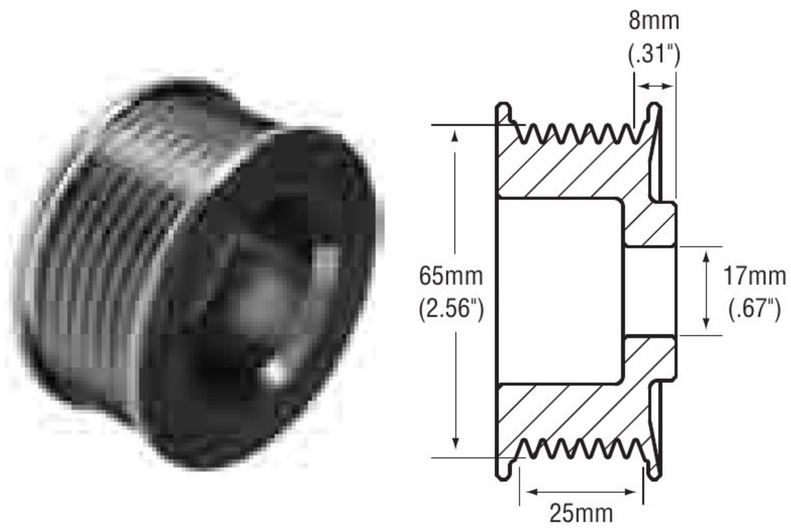
7-Groove



24-82253

Pulley - 7-Groove

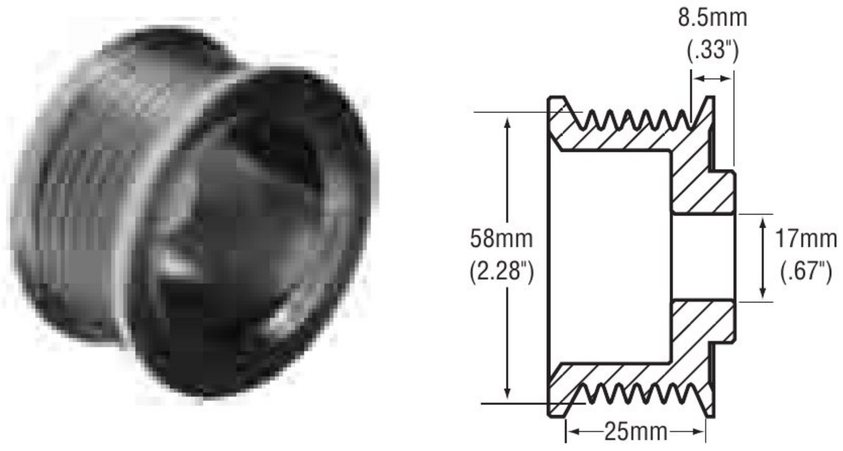
For: Nippondenso IR/IF Alternators
Used On: (1988-84) Toyota
Unit Nos: Nippondenso 100211-103, 100211-311
Lester Nos: 14458, 14643
WAI Ref. Nos: 1-1062-01ND
Dim: 25mm Belt x 60mm OD x 15mm Bore
Features:
• Machined pulley cut from cold rolled steel



24-82267

Pulley - 7-Groove

For: Nippondenso ER/IF Alternators
Used On: (1996-91) Dodge, Jeep
Unit Nos: Nippondenso 121000-346, 121000-347, 121000-413
Lester Nos: 13353, 13354, 13453
WAI Ref. Nos: 1-1503-05ND, 1-1504-06ND, 1-1527-02ND
Dim: 25mm Belt x 65mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

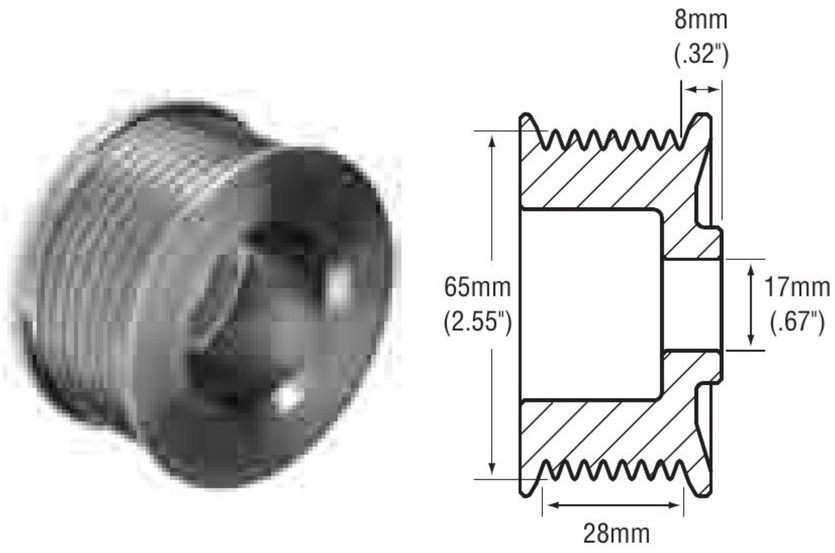


24-82269

Pulley - 7-Groove

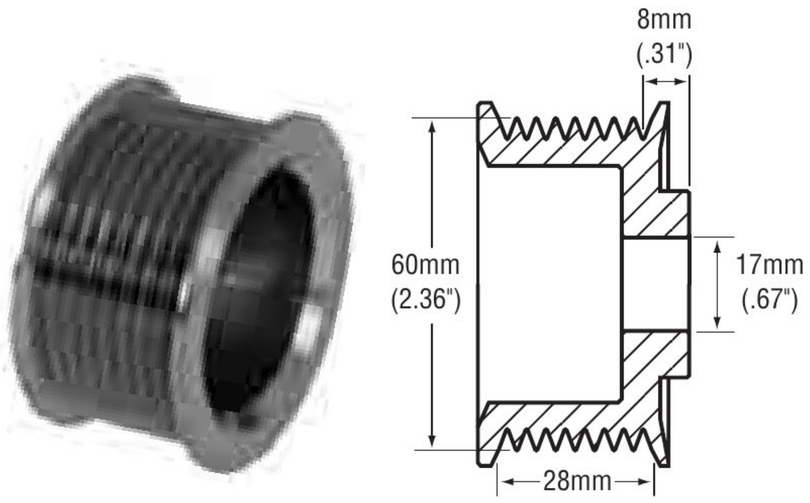
For: Nippondenso ER/IF Alternators
Used On: (2001-95) Dodge, Jeep
Replaces: Nippondenso 021040-0800
Unit Nos: Chrysler 56007912, AB; 56027913, AB; Nippondenso 121000-353, 121000-363, 121000-417, 121000-429
Lester Nos: 13354, 13742, 13823, 13824
WAI Ref. Nos: 1-1503-06ND, 1-2087-01ND, 1-2225-01ND, 1-2227-02ND
Dim: 25mm Belt x 58mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

8-Groove



24-82261
Pulley - 8-Groove

For: Nippondenso 120A ER/IF Alternators
Used On: (1993-89) Dodge
Unit Nos: Nippondenso 121000-408, 121000-409
Lester Nos: 13302, 13304
WAI Ref. Nos: 1-1491-04ND, 1-1504-05ND
Dim: 28mm Belt x 65mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

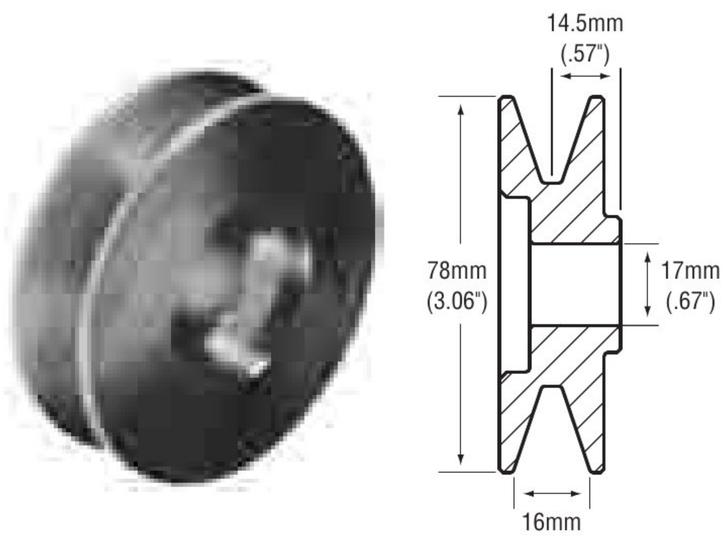


24-82270
Pulley - 8-Groove

For: Nippondenso ER/IF Alternators
Used On: (2002-94) Dodge Ram Pickup 5.9L
Unit Nos: Chrysler 05104772AA; 56027221, AB, AD; Nippondenso 121000-415, 121000-428, 121000-448
Lester Nos: 13302, 13766, 13874
WAI Ref. Nos: 1-1504-05ND, 1-2227-01ND, 1-2389-01ND
Dim: 28mm Belt x 60mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

PRESTOLITE

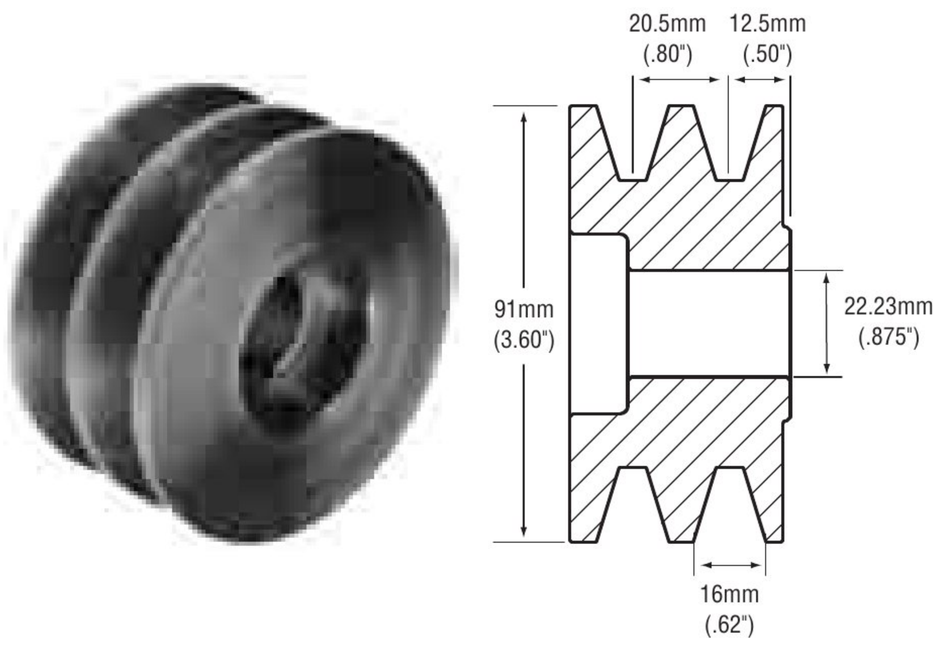
1-Groove



24-6100
Pulley - 1-Groove

For: Prestolite ALH Series Alternators
Used On: Case Tractors
Replaces: Case A45231; Delco 1846529; Prestolite 34-388, PU-598G
Dim: 16mm Belt x 78mm OD x 17mm Bore
Features:
• Machined pulley cut from cold rolled steel

2-Groove



24-6500
Pulley - 2-Groove

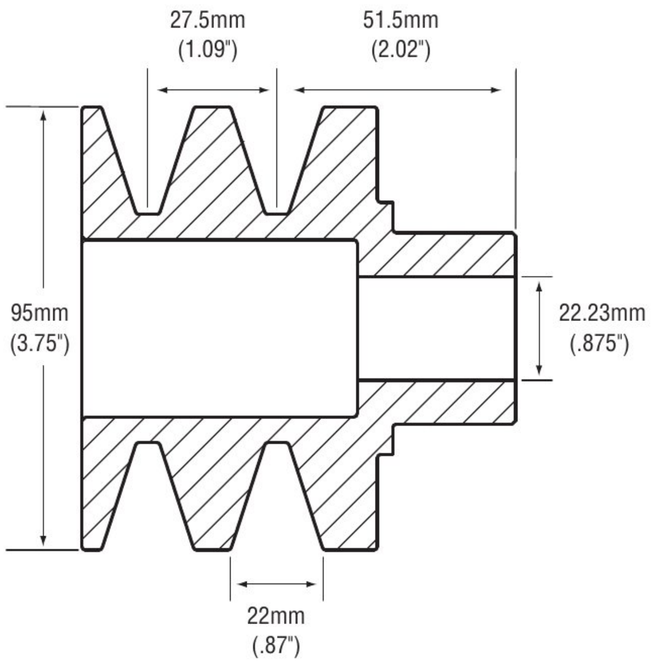
For: Prestolite ANB Series Alternators
Used On: Case
Replaces: Prestolite 34-399, PU-697
Unit Nos: Prestolite ANB-7003
Dim: 16mm Belts x 91mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
• Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

PRESTOLITE

2-Groove (cont'd.)



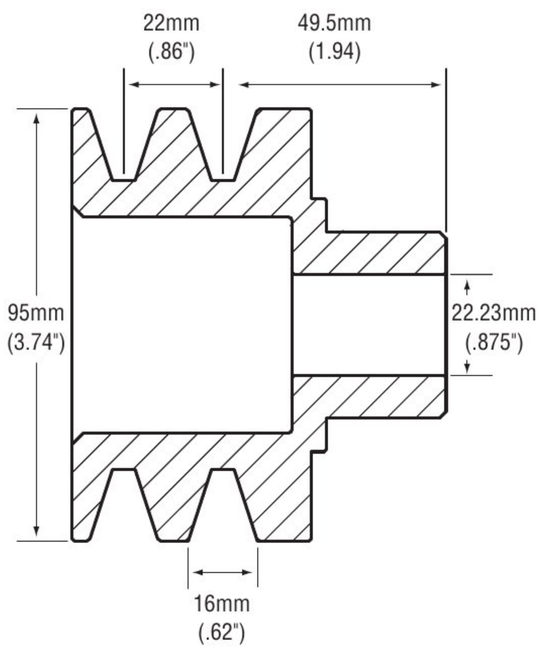


24-6501

Pulley - 2-Groove

For: Delco 20SI Series IR/EF, Prestolite ANB Series Alternators
Used On: Caterpillar, Cummins
Replaces: Caterpillar 9S6129
Dim: 22mm Belts x 95mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
• Machined pulley cut from cold rolled steel





24-6502

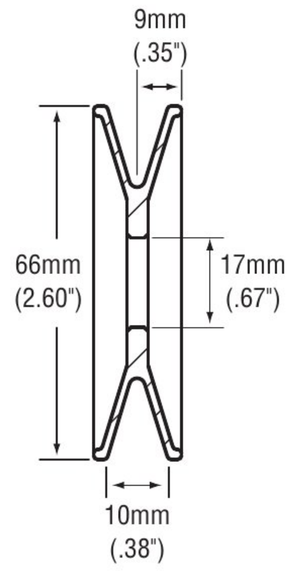
Pulley - 2-Groove

For: Delco 20SI Series IR/EF, Prestolite ANB Series Alternators
Used On: Caterpillar
Replaces: Caterpillar 5S7609
Dim: 16mm Belts x 95mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
• Machined pulley cut from cold rolled steel

VALEO

1-Groove





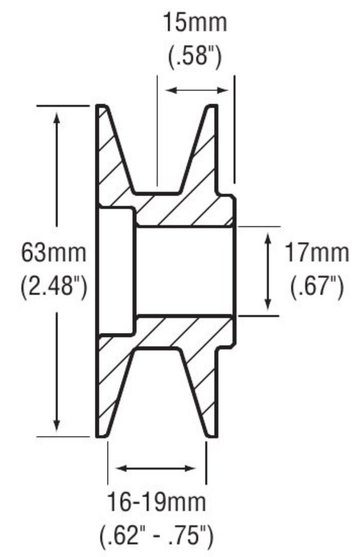
24-1103

Pulley - 1-Groove

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, CS130, CS144 Series IR/EF; Ducellier / Valeo, Paris Rhone / Valeo IR/EF Alternators
Used On: (1993-75) AMC, Buick, Cadillac, Chevrolet, DeLorean, GMC, Jeep, Oldsmobile, Peugeot, Pontiac, Renault
Replaces: Delco 1978065, 1978067, 10495191, 10495192, 10498301; Ducellier 669244; Paris Rhone 96880
Dim: 10mm Belt x 66mm OD x 17mm Bore
Note: Without hub, requires 46-1601-1 pulley spacer when used on Delco alternators

SPECIALTY - FARM & INDUSTRIAL

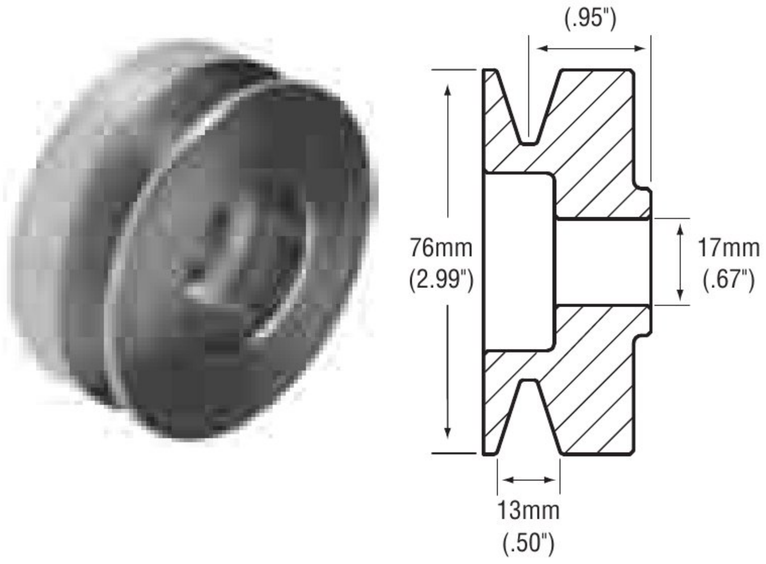




24-7100

Pulley - 1-Groove

For: Agricultural, Industrial, Marine Alternators
Dim: 16-19mm Belt x 63mm OD x 17mm Bore
Note: Conversion pulley with small OD to increase rotor rpm at slow engine speeds. Includes 84-2605 hex nut.

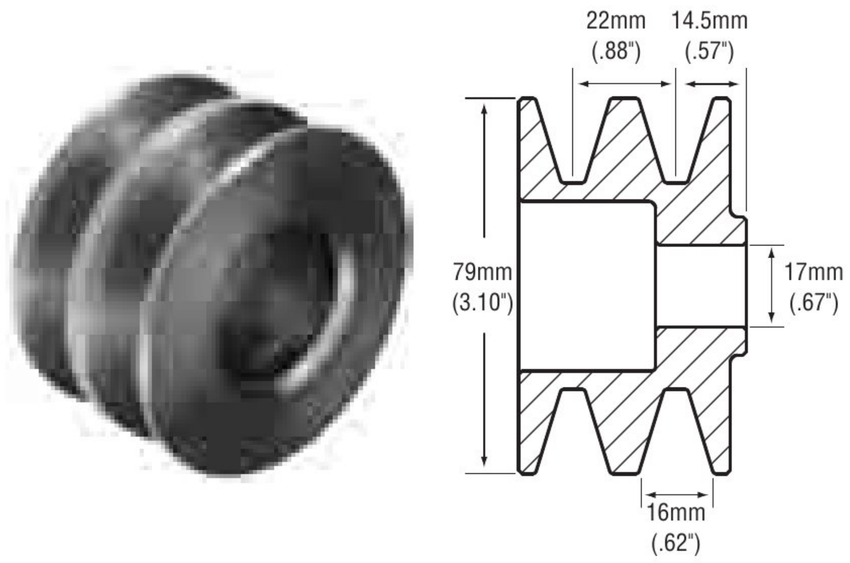


24-7101

Pulley - 1-Groove

Used On: Allis-Chalmers 190XT
Replaces: Allis-Chalmers 70250599
Dim: 13mm Belt x 76mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel

2-Groove

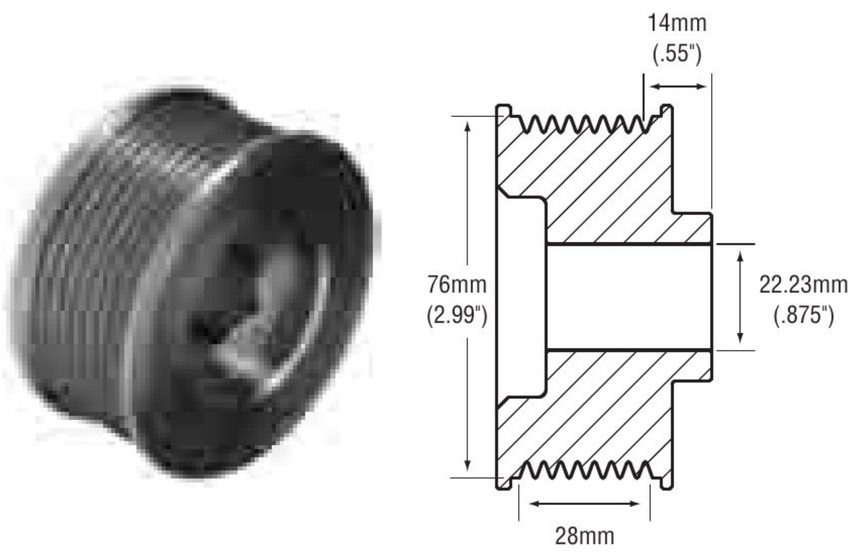


24-7102

Pulley - 2-Groove

Used On: Case 90 Series Tractors
Replaces: Case L59716
Dim: 16mm Belts x 79mm OD x 17mm Bore w/ Keyway
Features:
- Machined pulley cut from cold rolled steel

8-Groove

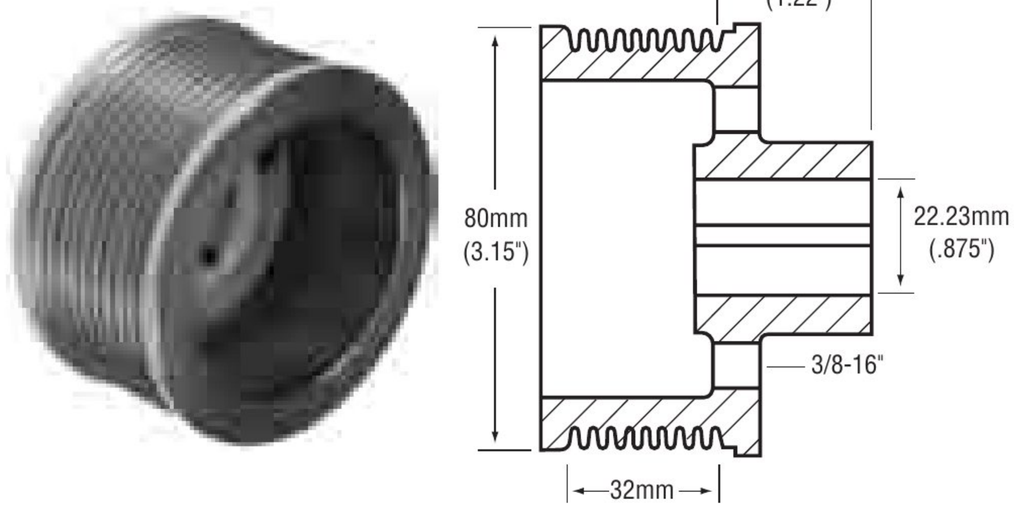


24-7750

Pulley - 8-Groove

Used On: Kenworth Truck
Replaces: Kenworth K187367
Dim: 28mm Belt x 76mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
- Machined pulley cut from cold rolled steel

9-Groove



24-7752

Pulley - 9-Groove

For: Heavy-Duty Alternators
Used On: Cummins Engine
Replaces: Cummins 3014711
Dim: 32mm Belt x 80mm OD x 22.23mm (7/8") Bore w/ Keyway
Note: With two 3/8-16 fan-mounting holes
Features:
- Machined pulley cut from cold rolled steel

TRANSPO RECTIFIERS

'REBUILDER-FRIENDLY' FORD 3G, 4G, 6G SERIES RECTIFIERS

Features:

- Press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators



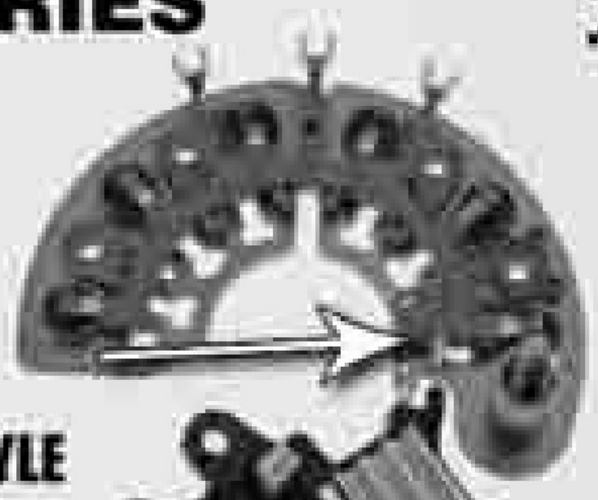
(see pages 293-295)

The unique Transpo 'drop-down' rectifier design extends the stator lead 'clasp' so that short-cut stator leads are easily captured with a sound connection.

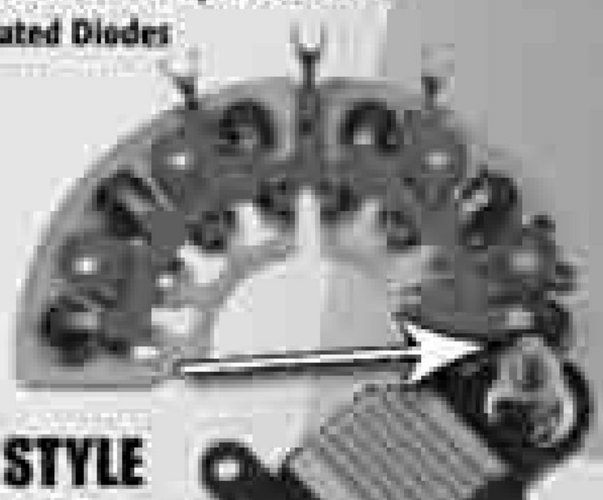
Ford 3G Series	Ford 4G Series	Ford 6G Series	
FR2013 (75-95A)	FR3003	FR6003 (105-110A, 2-leads/phase)	FR6033 (105-110A, 2-leads/phase)
FR2023 (130A)		FR6013 (105-110A, 2-leads/phase)	FR6073 (105-110A, 1-lead/phase)
		FR6023 (130-135A)	FR6083 (105-110A, 1-lead/phase)

RECTIFIERS FOR AD SERIES

- ✓ With Threaded 'Long Nut' Spacing Collar on B+ Stud
- ✓ Accepts Early and Late Design AD Regulators
- ✓ Crimp & Weld, Hi-Temp Lead Frame
- ✓ OE Validated Diodes



EARLY STYLE
Regulator B+ connection at Lead Frame



LATE STYLE
Regulator B+ connection at B+ Post

Part Number Reference	Original w/ Pressed B+ Collar	Late w/ Threaded B+ Collar
M8 B+, 40A Axial PF Diodes	DR4400-1	DR4402
M8 B+, 50A Axial PF Diodes	DR4400HD-1	DR4402HD
M8 B+, 40A Axial PF Diodes	DR4401	DR4403
M8 B+, 50A Axial PF Diodes	DR4401HD	DR4403HD

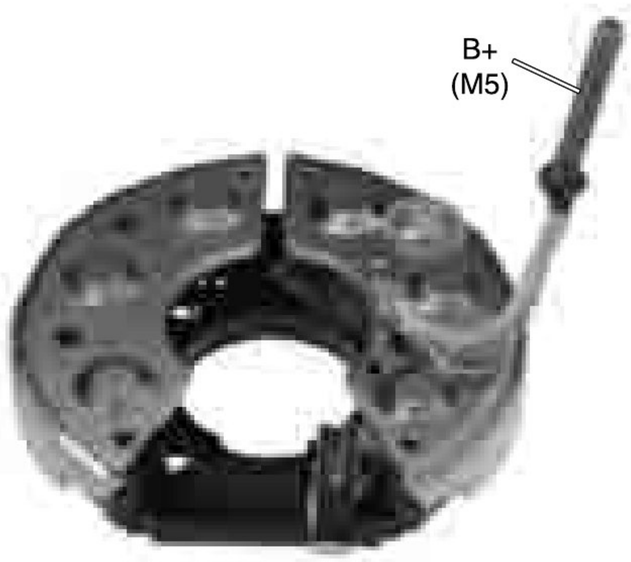
(see pages 285)

BOSCH

External Fan (88mm OD)



IBR594
Rectifier
For: Bosch 51A IR/EF Alternators
Used On: (1979-75) VW (non-USA)
Unit Nos: Bosch 9-120-080-122
Lester Nos: 13080
Dim: 88mm OD
M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio.
Features:
• 6-25A diodes

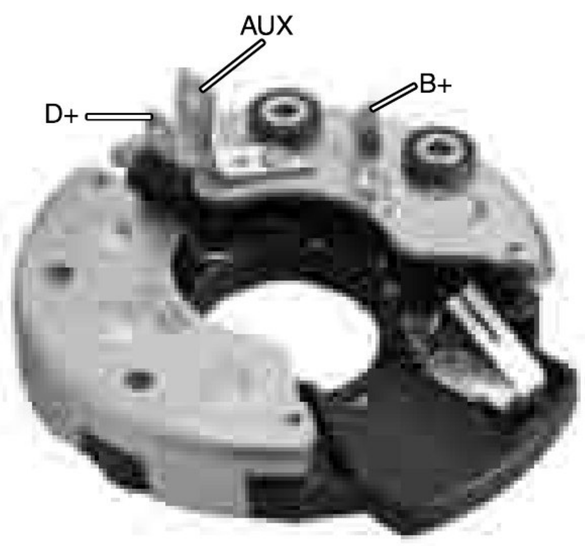


IBR596
Rectifier
For: Bosch 489 Series 51A IR/EF Alternators
Used On: (1979-75) VW
Replaces: Bosch 1-127-320-164, VW-Audi 043-903-359C
Unit Nos: Bosch 0-120-489-565, 0-120-489-566; VW-Audi 043-903-023C
Lester Nos: 13080
WAI Ref. Nos: 1-1386-01BO
Dim: 88mm OD
M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio.
Features:
• 6-25A diodes

External Fan (90mm OD)



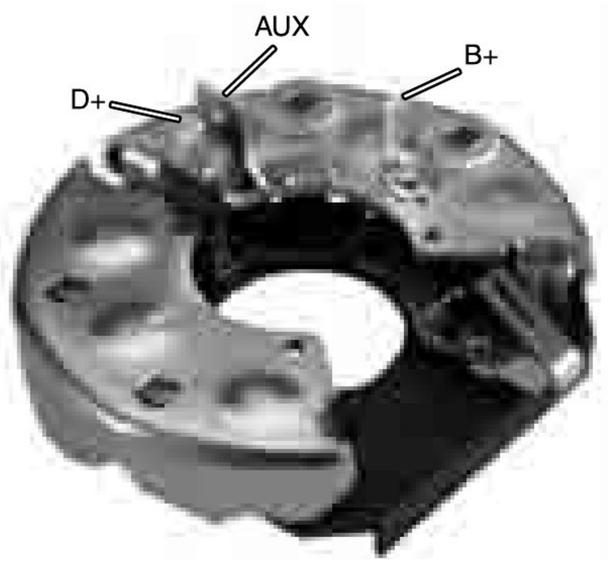
IBR307
(Ref# 31-9144)
Rectifier
For: Bosch 300, 339 Series 28-45A ER/EF, IR/EF Alternators
Used On: John Deere
Replaces: Bosch 1-127-320-316, 1-127-320-569
Unit Nos: Bosch 0-120-300-535, -552, -562; 0-120-339-512, -514, -521, -531, -532, -536, -544, -545
Dim: 90mm OD
M6 x 1.0 x 33mm Batt. Term.
Note: With trio.
Features:
• 6-25A diodes



IBR318-1
(Ref# 31-9151)
Rectifier
For: Bosch 300, 339 Series 28-33A ER/EF, IR/EF Alternators
Used On: Agriful, Fiat, Lancia, Marshall Tractor, Same, Styer
Replaces: Bosch 1-127-320-152, -192, -319
Unit Nos: Bosch 0-120-300-568, -569; 0-120-339-515, -516, -527, -528; Fiat 4257074, 4325179, 4325179
Lester Nos: 12029, 13058
WAI Ref. Nos: 1-1557-01BO
Dim: 90mm OD
Note: With trio, w/ B+ spade terminal.
Features:
• 6-25A diodes



IBR305
(Ref# 31-9102)
Rectifier
For: Bosch 300 Series 28-33A ER/EF Alternators
Used On: Alfa Romeo, Opel
Replaces: Bosch 1-127-320-111, -118, -121, -342
Unit Nos: Bosch 0-120-300-531-536, -537, -538, -539
Lester Nos: 13061, 13069, 14066, 14554
WAI Ref. Nos: 1-1547-01BO
Dim: 90mm OD
M6 x 1.0 x 33mm Batt. Term.
Note: With trio.
Features:
• 6-25A diodes



IBR306
(Ref# 31-9103)
Rectifier
For: Bosch 300 Series 28-33A ER/EF Alternators
Used On: (1974-72) Fiat
Replaces: Bosch 1-127-320-102, 1-127-320-114, 1-127-320-122, 1-127-320-124, 1-127-320-151, 1-127-320-327; Ford 71BB-10304-AA; Hanomag 582-901-738; Mercedes 000-154-12-16
Unit Nos: Bosch 0-120-300-519, -522, -523, -528, -529, -533, -540, -544, -545, -546, -547, -548, -551, -558, -559, -564, -588; 0-120-339-502, -503, -504, -505, -506, -509, -510, -517, -518, -519, -520, -522
Lester Nos: 13058
WAI Ref. Nos: 1-1557-01BO
Dim: 90mm OD
Features:
• 6-25A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

BOSCH

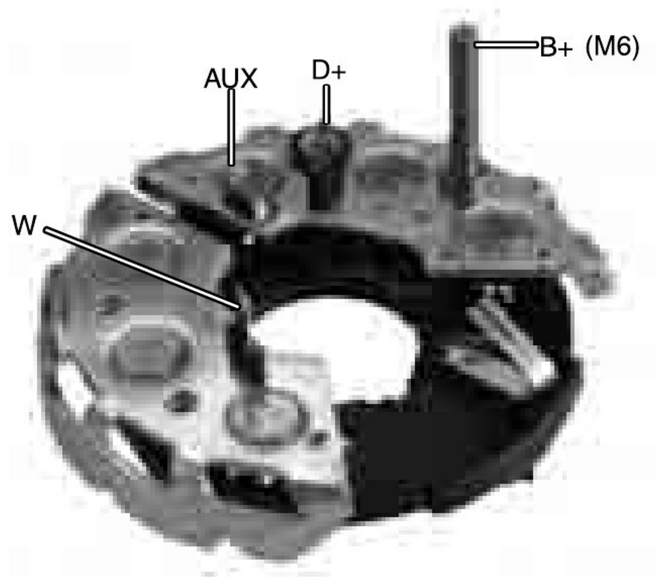
External Fan (90mm OD) (cont'd.)



IBR595
Rectifier

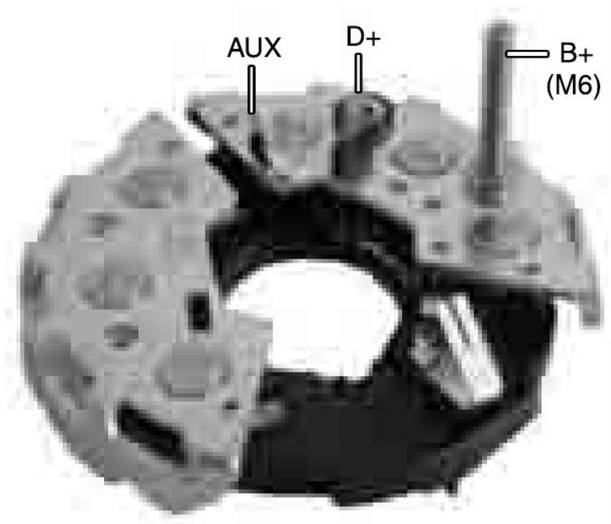
For: Bosch 35A IR/EF Alternators
Used On: VW
Replaces: Bosch 9-121-080-595, VW-Audi 040-903-3508
Unit Nos: Bosch 9-120-080-041, -090
Dim: 90mm OD
1/4-28 Term.
Note: With diode trio.
Features:
• 6-25A diodes

External Fan (114mm OD)



IBR301-1
(Ref# 31-9116)
Rectifier

For: Bosch 489 Series 45-65A IR/EF Alternators
Used On: (1986-82) Volvo; Case
Replaces: Bosch 1-127-011-131
Unit Nos: Bosch 0-120-489-069, -070, -183, -286, -296, -475, -481
Lester Nos: 14421, 14784, 14802
WAI Ref. Nos: 1-1293-01BO
Dim: 114mm OD
M6 x 1.0 x 33mm Batt. Term.
Note: With W-terminal. With diode trio.
Similar to IBR304-1 except IBR304-1 wo/ W-terminal.
Features:
• 6-40A press-fit diodes



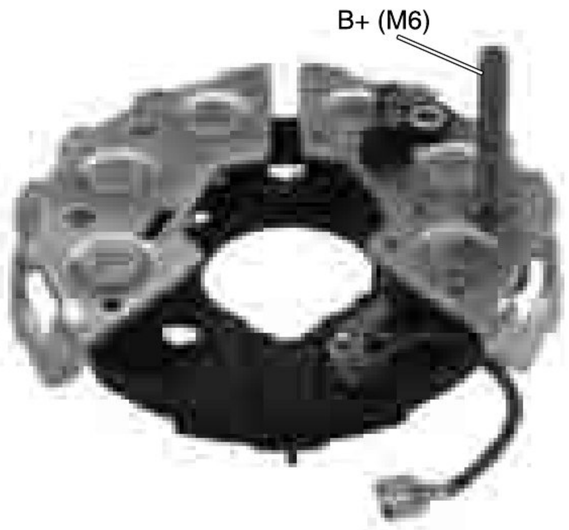
IBR304-1
(Ref# 31-9101)
Rectifier

For: Bosch 400, 489 Series 35-70A ER/EF, IR/EF Alternators
Used On: (1994-71) Alfa Romeo, Audi, BMW, Fiat, Lancia, Opel, Peugeot, Pontiac, Saab, VW, Volvo
Replaces: BMW 12-31-1-266-720, 12-31-1-268-409, 12-31-1-268-415, 12-31-1-279-597, 12-31-1-356-060, 12-31-1-358-048, 12-31-1-363-097, 12-31-1-706-465;
Bosch 1-127-011-117, -118, -119, -120, -121, -123, -124, -125, -128, -138, -140; 1-127-320-109, -110, -117, -128, -139, -148, -149, -150, -170, -171, -184, -187, -188, -189, -190, -195, -196, -197, -300, -301, -302, -303, -304, -305, -306, -308, -309, -313, -318, -320, -325, -326, -336, -346, -347, -383, -384, -385, -500, -501, -508, -509, -510, -511, -529, -573, -574, -575, -583, -619, -620, -622, -623, -624, -633, -634, -645, -646, -650, -657, -686;
IHC 3079133R91;
KHD 42487948, 8121110;
Saab 85-50-113, 85-59-825, 85-71-903, 85-91-083;
Same 2943-91601;
Volvo 1235288, 1235577, 1259577, 1363914, 243949, 243950, 692060, 694461;
VW-Audi 046-903-359, -359A; 056-903-359, -371B
Unit Nos: Bosch 0-120-011-742; 0-120-288-252, -253; 0-120-400-740, -741, -742, -743, -771, -772, -782, -783, -827, -828, -831, -832, -833, -834, -838, -839, -840, -841, -849, -850, -852, -853, -854, -855, -870, -871, -889, -890, -910, -911, -912, -913, -914, -915, -921, -922, -926, -927, -928, -932, -933, -938, -939; 0-120-484-019, -021; 0-120-488-102, -103, -123, -129, -139, -141, -151, -152, -211, -221, -235, -252, -253, -254, -274, -275, -276, -287; 0-120-489-021, -028, -029, -030, -031, -036, -037, -038, -039, -040, -041, -042, -043, -044, -045, -046, -057, -058, -065, -066, -072, -073, -084, -086, -087, -104, -105, -108, -109, -110, -111, -114, -115, -116, -117, -118, -119, -120, -121, -122, -123, -124, -125, -126, -127, -128, -129, -130, -131, -135, -136, -137, -138, -139, -142, -143, -152, -153, -154, -155, -167, -171, -174, -182, -187, -188, -189, -191, -193, -194, -212, -217, -218, -219, -220, -258, -259, -263, -272, -273, -279, -285, -297, -307, -318, -319,
(cont'd.)

(cont'd.)
-339, -348, -350, -351, -353, -358, -394, -400, -401, -410, -411, -412, -413, -421, -422, -423, -424, -450, -455, -485, -486, -487, -498, -533, -534, -537, -538, -543, -544, -549, -550, -575, -576, -577, -578, -585, -586, -606, -607, -608, -609, -610, -611, -612, -613, -614, -615, -625, -626, -627, -628, -629, -630, -631, -632, -633, -634, -635, -636, -637, -638, -639, -640, -641, -642, -644, -645, -646, -647, -648, -649, -650, -651, -652, -653, -654, -655, -656, -657, -659, -660, -661, -682, -685, -686, -687, -688, -708, -709, -715, -716, -717, -718, -735, -736, -737, -738, -739, -752, -753, -759, -760, -762, -766, -767, -768, -769, -780, -781, -782, -792, -793, -794, -795, -796, -812, -813, -823, -824, -836, -837, -874, -875, -876, -877, -879, -880, -903, -904, -905, -906, -942, -943, -946, -947, -948, -949, -950, -951, -952, -955
Lester Nos: 12048, 134; 13018, 050, 071, 079, 101, 102, 109, 112, 113, 115, 119, 129, 150, 151, 152, 156, 206, 219, 236, 248, 379, 607; 14046, 057, 070, 392, 395, 538, 539, 595, 605, 769, 781
WAI Ref. Nos: 1-1267-01BO, 1-1268-01BO, 1-1273-01BO, 1-1274-01BO, 1-1275-01BO, 1-1280-01BO, 1-1281-01BO, 1-1282-00BO, 1-1289-01BO, 1-1290-01BO, 1-1291-01BO, 1-1304-01BO, 1-1337-01BO, 1-1338-01BO, 1-1343-01BO, 1-1344-01BO, 1-1347-01BO, 1-1348-01BO, 1-1350-01BO, 1-1449-01BO, 1-1474-01BO, 1-1522-01BO, 1-1535-01BO, 1-1603-01BO, 1-1847-01BO
Dim: 114mm OD
M6 x 1.0 x 33mm Batt. Term.
Note: Without W-terminal.
With diode trio.
Similar to IBR301-1 except IBR301-1 w/ W-terminal.
Features:
• 6-40A press-fit diodes

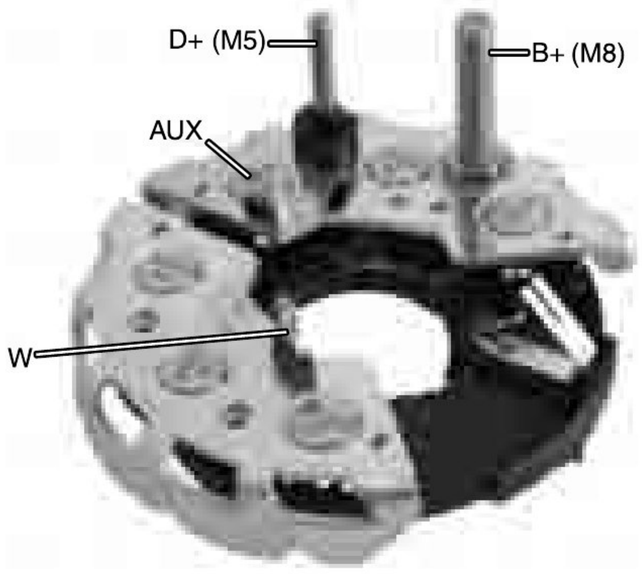
IBR304HD-1
Rectifier

Same as IBR304-1 except...
Features:
• Heavy Duty
• 6-50A press-fit diodes



IBR310
Rectifier

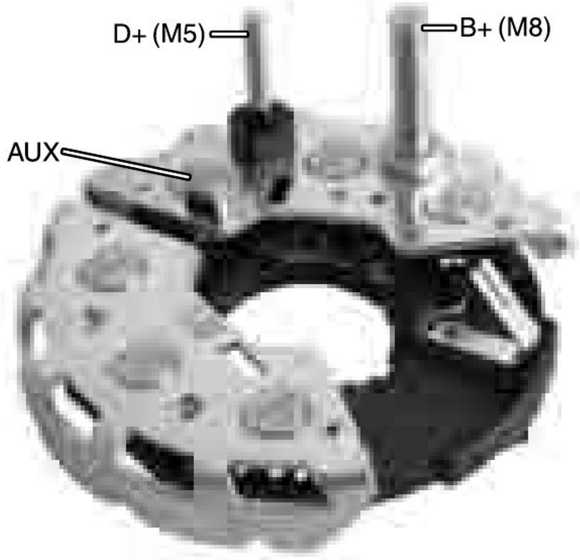
For: Bosch 70A IR/EF Alternators
Replaces: Bosch 9-121-067-300, -303, -304, -317, -319, -320, -324, -325, -328, -329, -330, -331
Unit Nos: Bosch 9-120-060-910
Dim: 114mm OD
M6 x 1.0 x 33mm Batt. Term.
Note: With diode trio.
Features:
• 6-40A press-fit diodes



IBR311-1
(Ref# 31-9114)
Rectifier

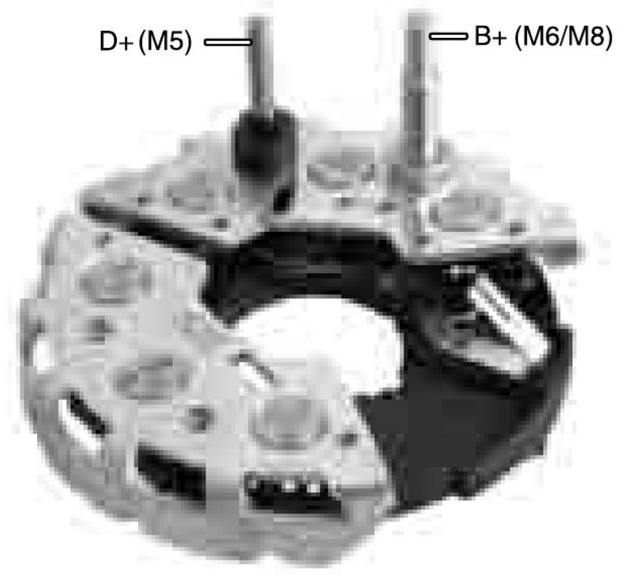
For: Bosch 488, 489 Series 20-65A IR/EF Alternators
Used On: (1991-86) VW; Case, Thermo King
Replaces: Bosch 1-127-320-664, -665, -666, -695, -926; VW-Audi 069-903-359D
Unit Nos: Bosch 0-120-488-134, -138, -205, -219, -220, -226, -227, -238, -241, -245, -246, -247, -249, -257, -258, -259, -260, -264, -272, -285, -293; 0-120-489-360, -361, -367, -368, -369, -370, -374, -376, -377, -378, -379, -425, -434, -435, -436, -437, -438, -444, -445, -446, -447, -449, -495, -496, -497; Thermo King 44-8499
Lester Nos: 12161, 13173, 13378, 14410, 14798, 14818, 14970, 14997
WAI Ref. Nos: 1-1387-01BO, 1-1399-01BO, 1-1401-01BO, 1-1469-01BO, 1-1872-01BO, 1-2237-00BO
(cont'd.)

(cont'd.)
Dim: 114mm OD
M5 x 0.8 x 20mm D+ Term. (Trio)
M8 x 1.25 x 30mm Batt. Term.
Note: With W-terminal. With diode trio.
Features:
• 6-40A press-fit diodes



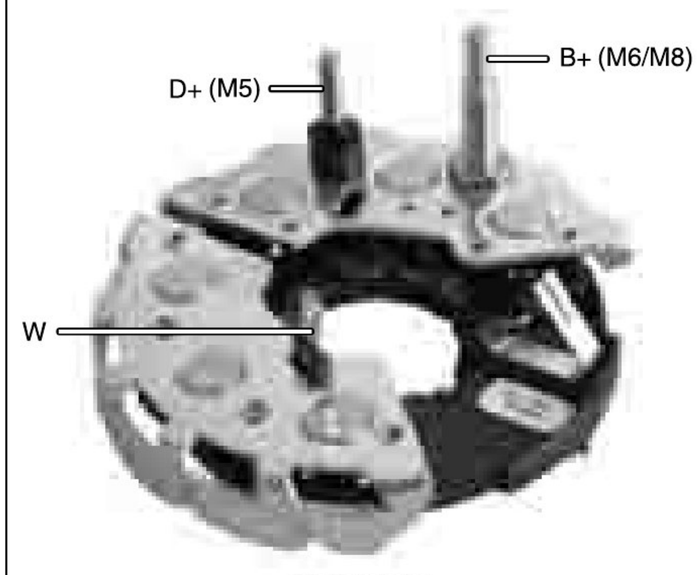
IBR316-1
Rectifier

For: Bosch 488, 489 Series 55-70A IR/EF Alternators
Used On: (1993-86) VW; Saab Scania
Replaces: Bosch 1-127-320-601, -661, -662, -691; Saab 85-98-096, 95-55-301; Volvo 9130092; VW-Audi 036-903-359E, F, G, H
Unit Nos: Bosch 0-120-469-592, -959; 0-120-488-196, -197, -198, -199, -236, -237, -239, -240, -261, -262, -263, -265, -279; 0-120-489-310, -311, -312, -362, -363, -364, -365, -366, -371, -372, -373, -380, -381, -382, -383, -427, -428, -429, -430, -431, -432, -433, -439, -440, -441, -443, -448, -499; 9-120-080-129
Lester Nos: 14798, 14818, 14970, 14996
WAI Ref. Nos: 1-1387-01BO, 1-1399-01BO, 1-1468-01BO
Dim: 114mm OD
M5 x 0.8 x 20mm D+ Term. (Trio)
M8 x 1.25 x 30mm Batt. Term.
Note: With diode trio.
Features:
• 6-40A press-fit diodes



IBR321-1
Rectifier

For: Bosch 488 Series 55-65A IR/EF Alternators
Used On: GM, Opel
Replaces: Bosch 1-127-320-651, 1-127-320-677; Opel 1205571, 1205573, 90017587, 90349909
Unit Nos: Bosch 0-120-488-156, -157, -158, -159, -160, -161, -162, -163, -164, -165, -166, -167, -168, -169, -170, -171, -172, -173, -174, -175, -190, -191, -192, -193, -200, -201, -202, -203, -204, -255, -281
Dim: 114mm OD
M5 x 0.8 D+ Term. (Trio)
M6 x 1.0 x 19mm, M8 x 1.25 x 22mm Stepped Batt. Term.
Note: With diode trio.
Features:
• 6-40A press-fit diodes

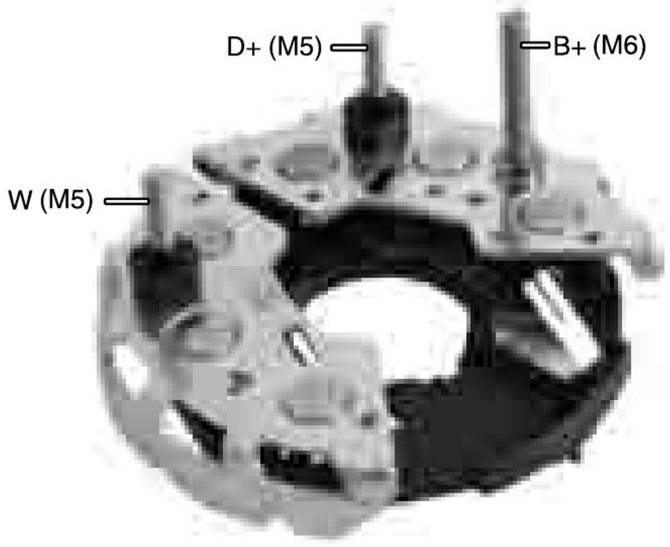


IBR322
Rectifier

For: Bosch 488 Series 70A IR/EF Alternators
Used On: GM, Opel
Replaces: Bosch 1-127-320-914; Opel 1205572, 90350009
Unit Nos: Bosch 0-120-488-186, 0-120-488-187
Dim: 114mm OD
M5 x 0.8 x 20mm D+ Term. (Trio)
M6 x 1.0 x 19mm, M8 x 1.25 x 22mm Stepped Batt. Term.
Note: With diode trio. With W-terminal.
Features:
• 6-40A press-fit diodes

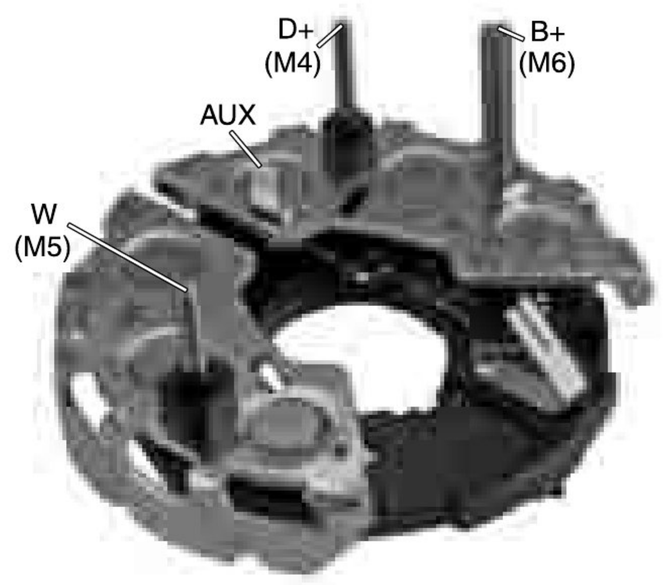
BOSCH

External Fan (114mm OD) (cont'd.)



IBR320-1
(Ref# 31-9150)
Rectifier

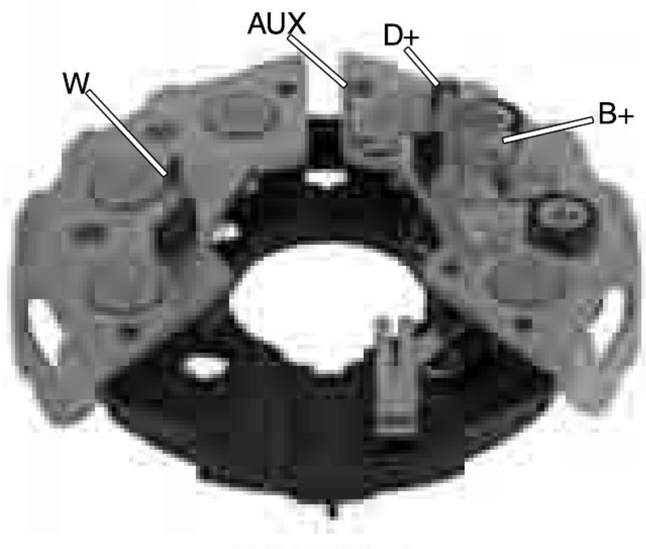
For: Bosch 488 Series 50-70A IR/EF Alternators
Used On: Opel
Replaces: Bosch 9-121-147-302; Opel 12-05-568, 90010012
Unit Nos: Bosch 0-120-488-000, -001, -002, -003, -004, -005, -007, -008, -009, -010, -011, -012; 9-120-144-292, -305, -605, -606, -608, -609, -610, -611, -612, -613, -614, -617, -618, -621, -622, -626, -628, -635; 9-120-334-626, -628, -635
Dim: 114mm OD
M5 x 0.8 x 16mm D+ Term. (Trio)
M5 x 0.8 W-Term.
M6 x 1.0 x 33mm Batt. Term.
Note: With diode trio. With W-Terminal
Features:
• 6-40A press-fit diodes



IBR667
(Ref# 31-9153)
Rectifier

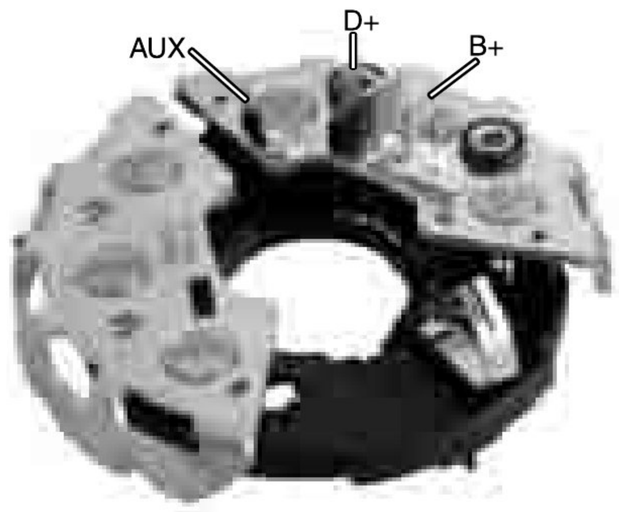
For: Bosch 489 Series 50-70A IR/EF Alternators
Used On: Caterpillar Tool Carrier
Replaces: Bosch 1-127-320-667, Ford 86AB-10304-AA
Unit Nos: Bosch 0-120-488-286; 0-120-489-347, 389, 390, 391, 392, 408; Caterpillar 100-8223, Perkins 2871C105
Lester Nos: 12164
(cont'd.)

(cont'd.)
Dim: 114mm OD
M4 x 0.7 x 20mm D+ Term.
M5 x 0.8 x 20mm W-Term.
M6 x 1.0 x 33mm Batt. Term.
Features:
• 6-40A press-fit diodes



IBR302-1
(Ref# 31-9108)
Rectifier

For: Bosch 489 Series 45-65A IR/EF Alternators
Used On: (1985-77) Audi, VW
Replaces: Bosch 1-127-011-116, 1-127-320-506, 1-127-320-614, 1-127-320-648; VW-Audi 068-903-259, 068-903-359
Unit Nos: Bosch 0-120-489-080, -081, -082, -083, -186, -208, -210, -211, -248, -249, -250, -282, -283, -470, -960, -961, -966, -967, -969, -971, -972, -973, -974, -975, -976, -977, -978, -979, -980, -981; 0-886-031-501; VW-Audi 049-903-015J, -017A, -017AX; 068-903-017, -017A, -017C, -017CX, -017F, -017FX, -017J, -017JX, -023M, -023S, -025C, -025E, -025J, -025K, -025L, -027F, -029, -029B, -023A; 076-903-023G, -023M; 175-903-023AA, -023T
Lester Nos: 13055, 13129, 13172, 14410, 14412, 14797, 14803, 14807, 14969, 14971
WAI Ref. Nos: 1-1282-00BO, 1-1392-00BO, 1-1395-01BO, 1-1396-01BO, 1-1398-01BO, 1-1407-01BO, 1-1462-01BO, 1-1587-00BO
Dim: 114mm OD
Note: With W-terminal. With Diode Trio. Similar to IBR303-1 except IBR303-1 wo/ W-terminal.
Features:
• 6-40A press-fit diodes



IBR303-1
(Ref# 31-9100)
Rectifier

For: Bosch 400, 489 Series 35-70A ER/EF, IR/EF Alternators
Used On: (1993-70) Audi, Ford, Mercedes, Mercury, VW
Replaces: BMW 12-31-1-354-682; Bosch 1-127-011-112, -113, -114, -115, -135; 1-127-320-101, -103, -105, -108, -119, -120, -125, -130, -134, -136, -138, -140, -143, -144, -145, -155, -157, -158, -160, -163, -174, -175, -176, -178, -181, -183, -185, -277, -307, -310, -311, -312, -314, -322, -323, -329, -339, -341, -351, -355, -377, -378, -380, -381, -382, -392, -502, -512, -513, -528, -536, -554, -563, -572, -609, -610, -611, -612, -613, -630, -637, -641, -642, -644, -647, -649, -669; Ford 71BB-10304-BA, 72GB-10304-AA, 74EB-10304-AA, 75BB-10304-AA, 75EB-10304-AA; IHC 3078594R91; Mercedes 000-154-13-16, 000-154-14-16, 000-154-20-16, 000-154-29-16, 000-154-32-16, 000-154-50-16, 000-154-64-16, 000-154-68-16, 000-154-76-16, 000-154-81-16, 000-154-82-16, 001-154-32-16; Saab 85-18-854; VW-Audi 028-903-359, -359A; 036-903-359B, 046-903-359B; 049-903-359, -359E, -359F; 052-903-371A; 056-903-371, -371A; 059-903-359, -371A, -371B, -511
Unit Nos: Bosch 0-120-400-669, -670, -704, -705, -722, -723, -724, -733, -744, -745, -747, -750, -758, -759, -806, -807, -808, -809, -810, -811, -814, -856, -857, -858, -859, -860, -861, -866, -872, -885, -898, -899, -900, -901, -902, -903, -905, -906, -916, -917, -918, -919; 0-120-488-118, -119, -126; 0-120-489-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -024, -025, -026, -049, -050, -051, -052, -054, -061, -062, -063, -064, -076, -077, -078, -079, -092, -094, -095, -096, -097, -098, -099, -100, -101, -148, -149, -150, -162, -168, -172, -184, -195, -196, -197, -198, -199, -200, -201, -202, -203, -204, -205, -206, -207, -209, -213, -214, -228, -229, -232, -233, -234, -236, -237, -242, -243, -260, -261, -262, -266, -268, -269, -274, -275, -276, -289, -293, -298, -299, -300, -301, -302, -304, -305, -321, -322, -323, -324, -325, -326, -327, -328, -329, -330, -331, -332, -333, -354, -355, -356, -357, -359,
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Lester Nos: 13018, 028, 033, 036, 039, 054, 055, 056, 073, 077, 093, 094, 107, 115, 116, 129, 138, 7, 153, 154, 159, 172; 14046, 048, 049, 410, 412, 779, 797, 803, 820, 824, 969, 971

WAI Ref. Nos: 1-1167-01BO, 1-1282-00BO, 1-1329-01BO, 1-1352-01BO, 1-1353-31BO, 1-1353-32BO, 1-1353-41BO, 1-1355-01BO, 1-1358-01BO, 1-1392-00BO, 1-1395-01BO, 1-1396-01BO, 1-1398-01BO, 1-1402-01BO, 1-1403-00BO, 1-1408-01BO, 1-1449-01BO, 1-1450-01BO, 1-1451-01BO, 1-1452-01BO, 1-1453-01BO, 1-1454-01BO, 1-1460-01BO, 1-1462-01BO, 1-1560-01BO, 1-1561-01BO, 1-1568-00BO, 1-1568-01BO, 1-1568-02BO, 1-1572-01BO, 1-1573-00BO, 1-1574-01BO, 1-1584-00BO, 1-1585-00BO, 1-1586-00BO, 1-1852-01BO

Dim: 114mm OD

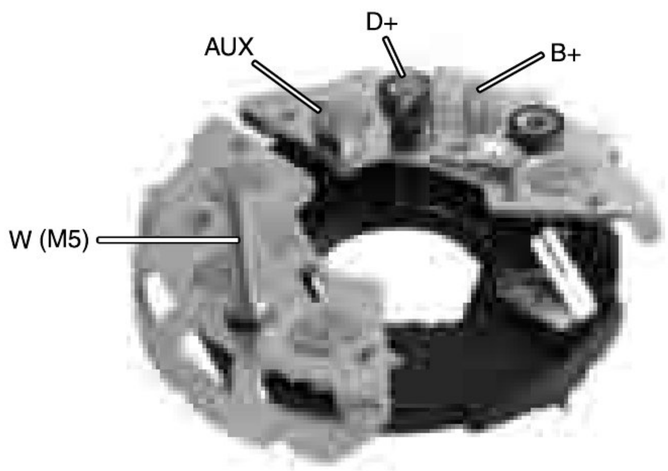
Note: Without W-terminal. With diode trio.
Similar to IBR302-1 except IBR302-1 w/ W-terminal.

Features:
• 6-40A press-fit diodes

IBR303HD-1
Rectifier

Same as IBR303-1 except...

Features:
• Heavy Duty
• 6-50A press-fit diodes



IBR317-1
Rectifier

For: Bosch 488, 489 Series 55A IR/EF Alternators

Used On: (1978-76) Mercury; Ford (Europe)

Replaces: Bosch 1-127-011-139, 1-127-320-372, 1-127-320-580, 1-127-320-652; Ford 81AB-10304-DA, 81DB-10304-CA

Unit Nos: Bosch 0-120-488-176, -177, -182, -210; 0-120-489-047, -048, -074, -075, -088, -090, -091, -093, -103, -175, -176, -244, -245, -267, -287, -288, -290, -291, -313, -314, -345, -403, -426, -956, -957, -958, -959; 9-120-144-281, 9-120-144-282, -301

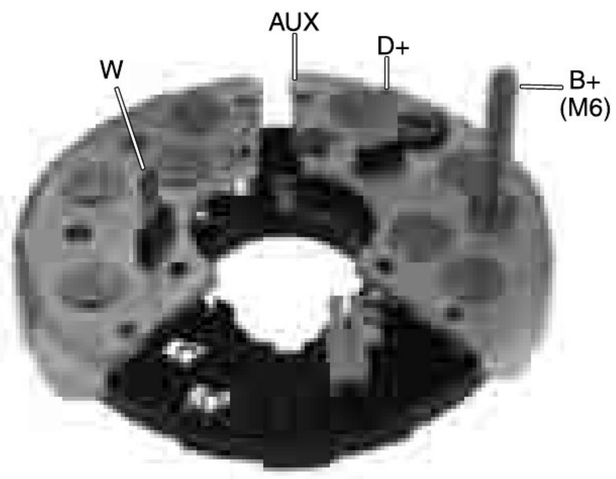
Lester Nos: 13107, 14048

WAI Ref. Nos: 1-1167-01BO, 1-1453-01BO

Dim: 114mm OD
M5 x 0.8 x 33mm W-Term.

Note: With diode trio. With auxiliary terminal.

Features:
• 6-40A press-fit diodes



IBR276
Rectifier

For: Bosch 55-90A IR/EF Alternators

Used On: Renault

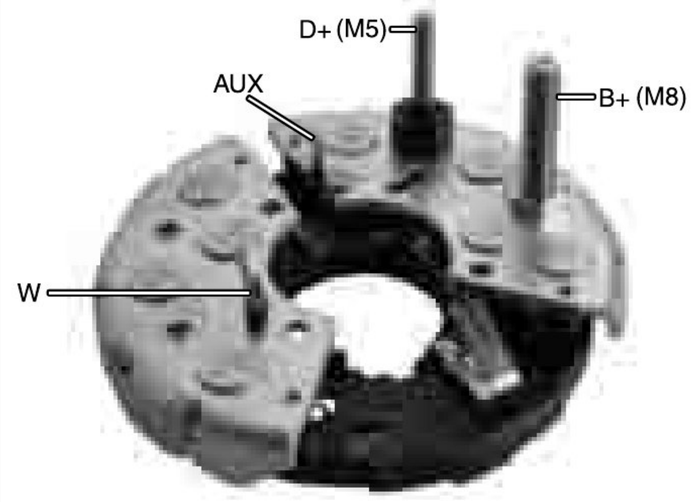
Replaces: Bosch 9-122-080-923

Unit Nos: Bosch 9-120-080-215, 9-120-080-222, F-010-LD0-001

Dim: 114mm OD
M6 x 1.0 Batt. Term.

Note: With W-terminal

Features:
• 8-40A press-fit avalanche diodes



IBR324
(Ref# 31-9157)
Rectifier

For: Bosch 484 Series 95A IR/EF Alternators

Used On: Case, Caterpillar, Deutz-Allis, Deutz-Fahr, John Deere, Iveco, KHD

Replaces: Bosch 1-127-320-692, John Deere A187905

Unit Nos: Bosch 0-120-484-001, -011, -012, -020, -024; Case A187623; John Deere, AL81437, AZ38462, AZ3846201; KHD 1177063, 1178607, 1178607

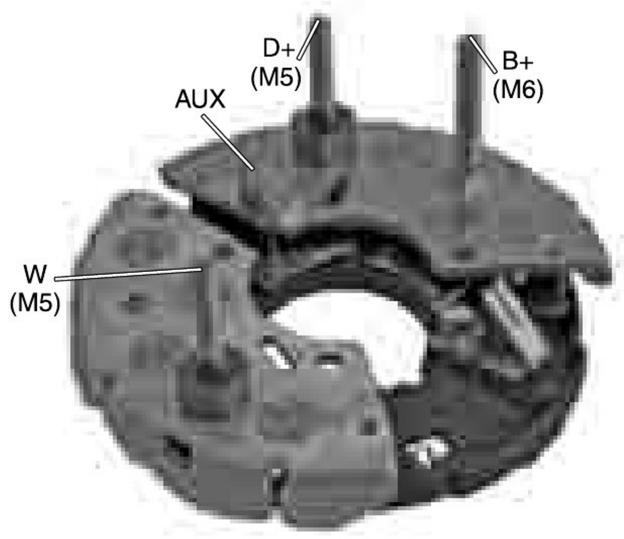
Lester Nos: 12145, 12150, 12151, 12169

WAI Ref. Nos: 1-2344-00BO, 1-2435-01BO

Dim: 114mm OD
M5 x 0.8 x 25mm D+ Term. (Trio)
M8 x 1.25 x 30mm Batt. Term.

Note: With trio, w/ W-terminal.

Features:
• 8-50A press-fit avalanche diodes



IBR668
Rectifier

For: Bosch 75-90A IR/EF Alternators

Used On: Ford (Mexico, South America)

Replaces: Bosch 9-128-040-953

Unit Nos: Bosch 9-120-180-020

Dim: 114mm OD
M5 x 0.8 x 25mm Auxiliary Term.
M6 x 1.0 x 33mm Batt. Term.

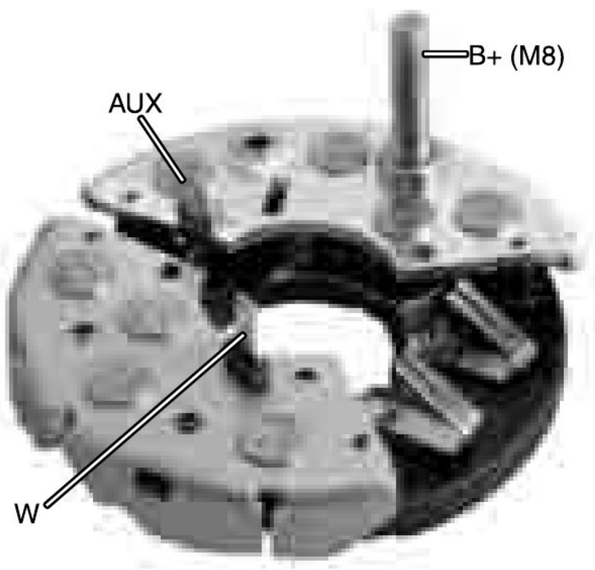
Note: With diode trio.

Features:
• 8-40A press-fit diodes

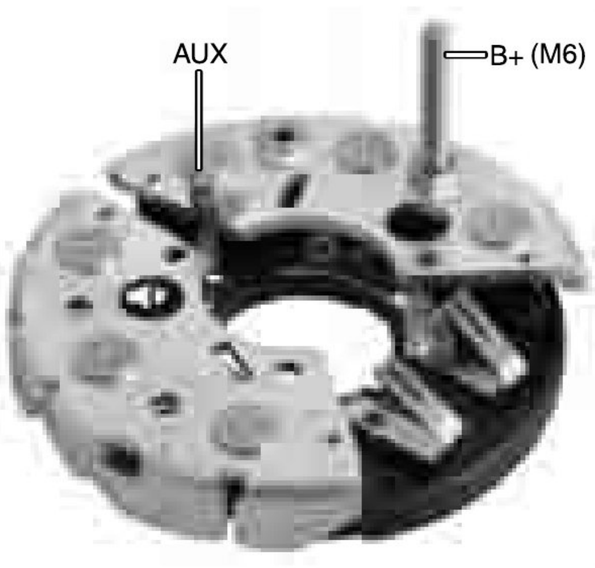
ALTERNATOR - RECTIFIERS (TRANSPO)

BOSCH

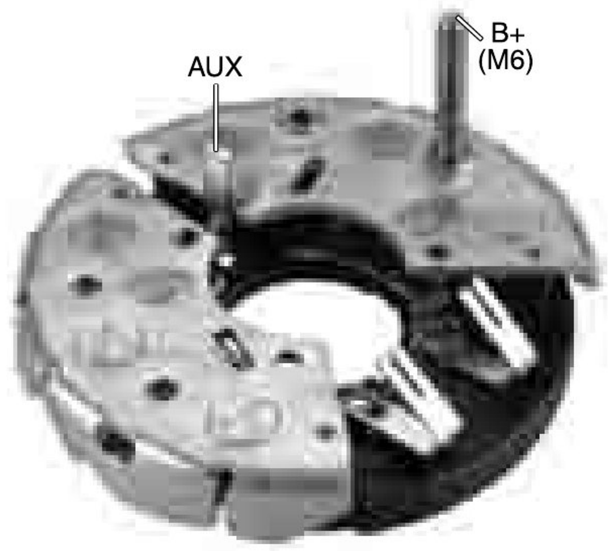
External Fan (114mm OD) (cont'd.)



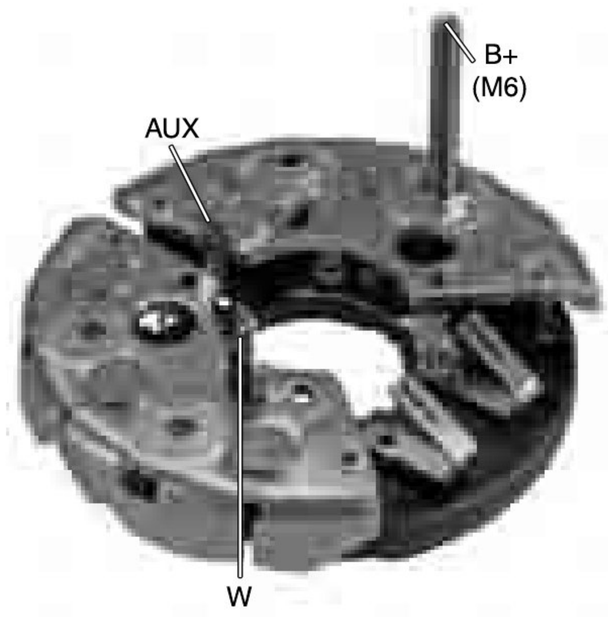
IBR308
Rectifier
For: Bosch 30-60A IR/EF Alternators
Used On: Ford, Mercury (Australia); Thermo King
Replaces: Bosch 9-121-067-067, -364, -371, -374, -375, -388, -394
Unit Nos: Bosch 9-120-060-009, 9-120-060-023
Lester Nos: 12224
Dim: 114mm OD
M8 x 1.25 x 30mm Batt. Term.
Note: Without diode trio.
With P-terminal.
Features:
• 8-40A press-fit avalanche diodes



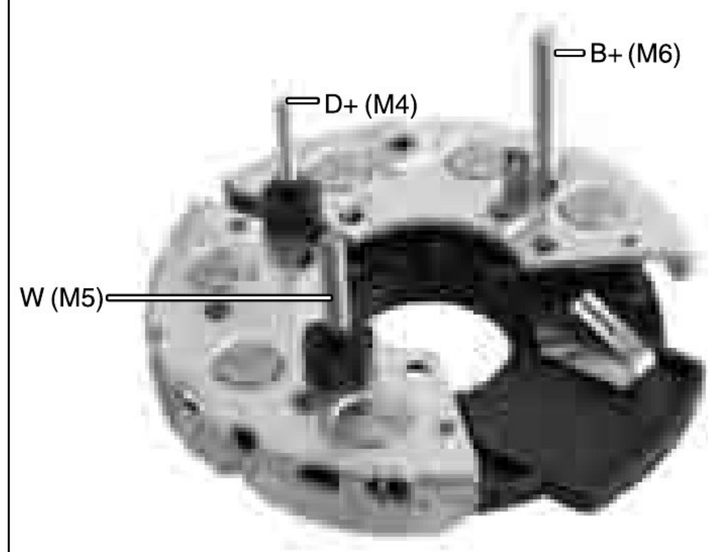
IBR323
Rectifier
For: Bosch 37A IR/EF Alternators
Used On: Thermo King
Replaces: Bosch 9-121-067-379, Thermo King 44-9141
Unit Nos: Bosch 9-120-060-027, Thermo King 44-9571
Lester Nos: 12223
Dim: 114mm OD
M6 x 1.0 x 33mm Batt. Term.
Note: Without diode trio., wo/ W-terminal.
Similar to IBR388 but IBR388 is w/ W-terminal
Features:
• 6-40A press-fit avalanche diodes



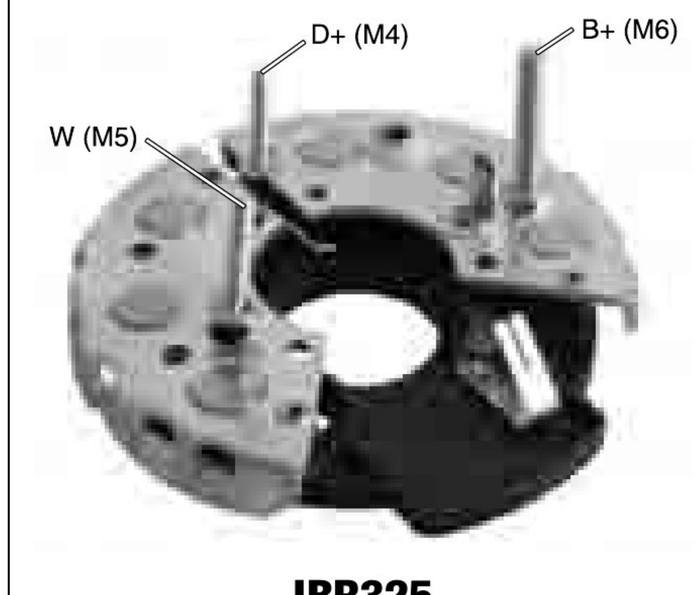
IBR347
(Ref# 31-9131)
Rectifier
For: Bosch 85A IR/EF Alternators
Used On: (1991) Mercury
Replaces: Ford E9JY-10304-A
Unit Nos: Bosch 9-120-060-020; Ford 89JA-10300-AA, E9JY-10346-A
Lester Nos: 13300
WAI Ref. Nos: 1-1170-01BO
Dim: 114mm OD
M6 x 1.0 x 33mm Batt. Term.
Features:
• 8-40A press-fit diodes



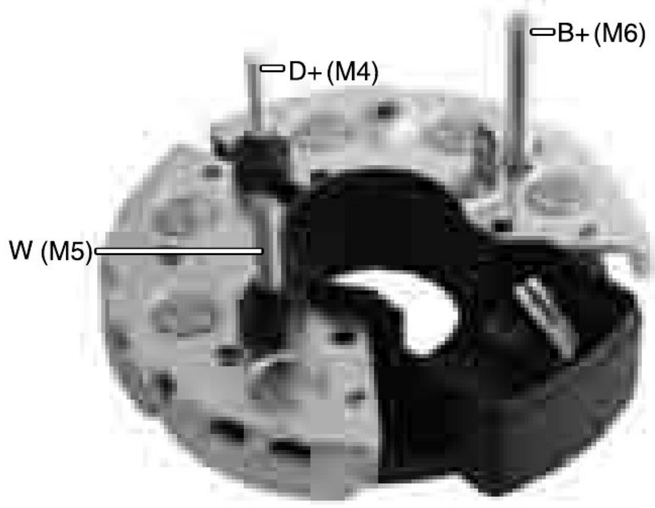
IBR388
Rectifier
For: Bosch 37A IR/EF Alternators
Used On: Thermo King
Replaces: Bosch 9-120-067-027, 9-121-067-385
Unit Nos: Bosch 9-120-060-027; Thermo King 44-8950, 44-9571, 5D33839G01, 5D38603G01
Lester Nos: 12223
Dim: 114mm OD
M6 x 1.0 x 33mm Batt. Term.
Note: With W- terminal.
Similar to IBR323 but IBR323 is wo/ W-terminal
Features:
• 6-40A press-fit avalanche diodes



IBR313
(Ref# 31-9139)
Rectifier
For: Bosch 489 Series 27-55A IR/EF Alternators
Used On: Massey-Ferguson, Mercedes
Replaces: Bosch 1-127-011-098, 1-127-320-366
Unit Nos: Bosch 0-120-489-387, -727; 9-120-080-112, -113, -126, -151, -154
Lester Nos: 14391
WAI Ref. Nos: 1-1998-01BO
Dim: 114mm OD
M4 x 0.7 x 19mm D+ Term. (Trio)
M5 x 0.8 x 19mm W-Term.
M6 x 1.0 x 33mm Batt. Term.
Note: With diode trio.
Features:
• 6-40A press-fit diodes

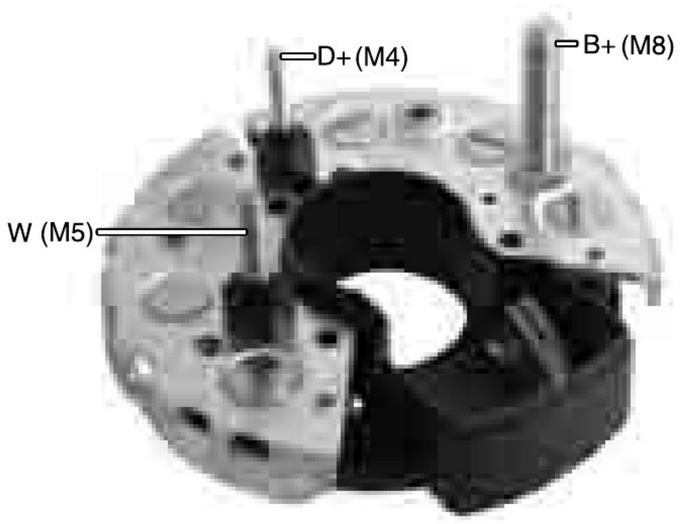


IBR325
Rectifier
For: Bosch 35A IR/EF Alternators
Used On: VW
Replaces: Bosch 9-121-080-963; VW-Audi ZBA-903-359B, F
Unit Nos: Bosch 9-120-080-093, 9-120-080-127
Dim: 114mm OD
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 x 25mm W-Term.
M6 x 1.0 x 34mm Batt. Term.
Note: With diode trio.
Features:
• 6-40A press-fit diodes



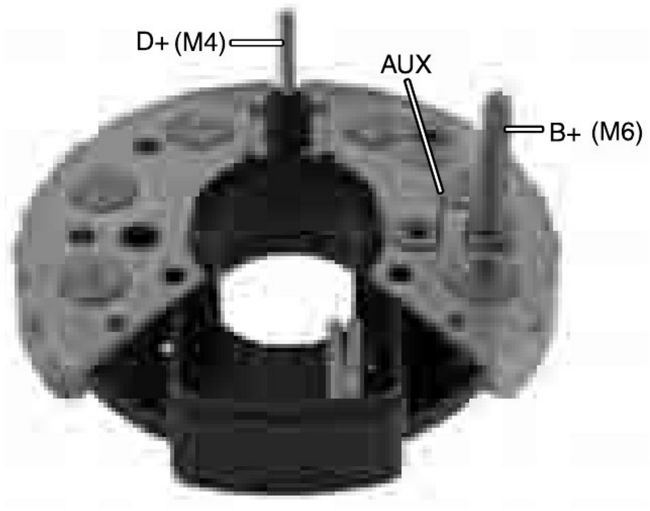
IBR314
(Ref# 31-9140)
Rectifier

For: Bosch 489 Series 27-65A IR/EF Alternators
Used On: IHC, Iveco, MAN, KHD, Mercedes Benz Truck
Replaces: Bosch 1-127-011-095, 1-127-320-604
Unit Nos: Bosch 0-120-489-704, -730, -731, -756, -944
Dim: 114mm OD
M4 x 0.7 x 19mm D+ Term. (Trio)
M5 x 0.8 x 19mm W-Term.
M6 x 1.0 x 33mm Batt. Term.
Note: With trio.
Features:
• 6-40A press-fit diodes



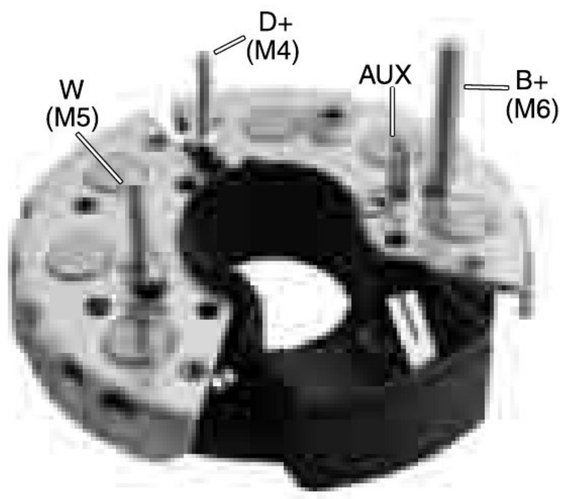
IBR315
(Ref# 31-9152)
Rectifier

For: Bosch 489 Series 30-35A/24V IR/EF Alternators
Used On: Mercedes Benz Truck
Replaces: Bosch 1-127-320-909, -992; 9-127-041-132, -133
Unit Nos: Bosch 0-120-489-256, -316
Dim: 114mm OD
M4 x 0.7 x 19mm D+ Term. (Trio)
M5 x 0.8 x 19mm W-Term.
M8 x 1.25 x 30mm Batt. Term.
Note: With trio.
Features:
• 6-50A press-fit diodes



IBR319
(Ref# 31-9145)
Rectifier

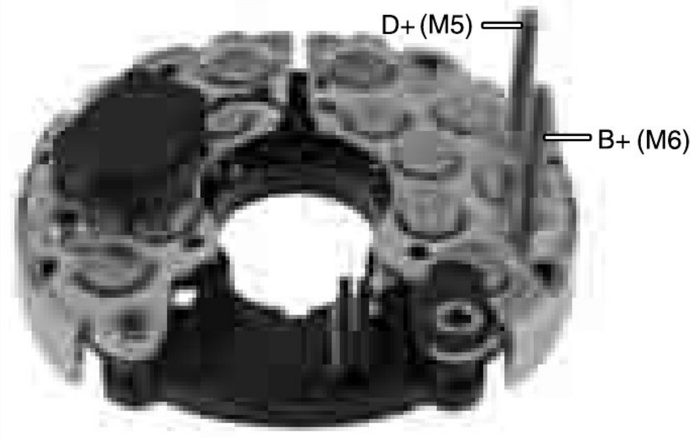
For: Bosch 489 Series 45-55A ER/EF, IR/EF Alternators
Used On: John Deere
Replaces: Bosch 1-127-320-668
Unit Nos: Bosch 0-120-489-643, 0-120-489-704
Dim: 114mm OD
M4 x 0.7 x 19mm D+ Term. (Trio)
M6 x 1.0 x 33mm Batt. Term.
Note: With diode trio.
Features:
• 6-40A press-fit diodes



IBR326
Rectifier

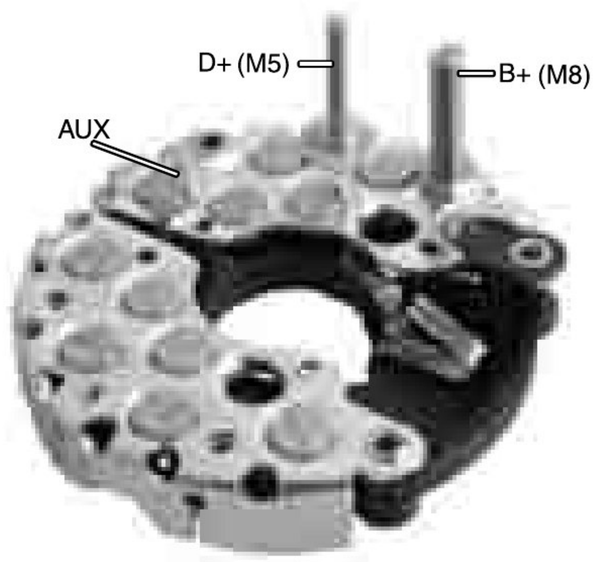
For: Bosch 45A IR/EF Alternators
Used On: Case, Cummins, Fiatallis, Scania, Volvo
Replaces: Bosch 1-127-320-541, Ford BG1T-10B347-AA, John Deere AL30419, MAN 81-26109-0004, Mercedes 001-154-20-16, Scania 1953433, Volvo 244343
Unit Nos: Bosch 9-120-080-130, -144, -150, -157, -160, -162, -166, -190
Lester Nos: 12295
Dim: 114mm OD
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 x 25mm W-Term.
M6 x 1.0 x 40mm Batt. Term.
Features:
• 6-40A press-fit diodes

External Fan (120mm OD)



IBR330
(Ref# 31-9107)
Rectifier

For: Bosch 469 Series 70-90A ER/EF, IR/EF Alternators
Used On: (1987-78) Volvo
Replaces: Bosch 1-127-320-370, -576
Unit Nos: Bosch 0-120-450-008, -009; 0-120-469-563, -564, -567, -568, -608, -609, -628, -664, -665, -668, -669, -670, -680, -681
Lester Nos: 13023, 13161, 14420, 14785
WAI Ref. Nos: 1-1292-02BO, 1-1294-01BO, 1-1296-01BO, 1-1536-01BO, 1-1871-01BO
Dim: 120mm OD
M5 x 0.8 x 25mm D+ Term. (Trio)
M6 x 1.0 x 33mm Batt. Term.
Note: With trio.
Features:
• 14-40A press-fit diodes



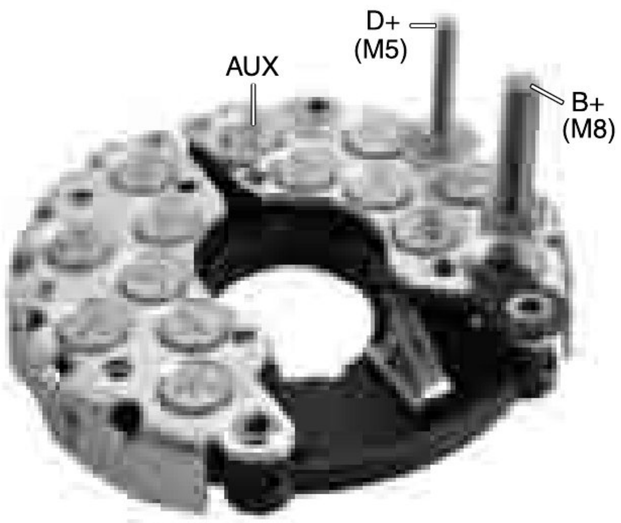
IBR336
Rectifier

For: Bosch 469 Series 80A IR/EF Alternators
Used On: (1991-77) Mercedes
Unit Nos: Bosch 0-120-469-588, -589, -642, -945; Mercedes 006-154-72-02, 006-154-73-02, 007-154-06-02, 008-154-80-02; Saab 85-87-214
Lester Nos: 14059, 14783, 14966
WAI Ref. Nos: 1-1283-24BO
Dim: 120mm OD
M5 x 0.8 x 30mm D+ Term. (Trio)
M8 x 1.25 x 30mm Batt. Term.
Note: With diode trio.
Used in Bosch 1-127-011-157 S.R.E. Frame Assy.
Features:
• 12-40A press-fit diodes

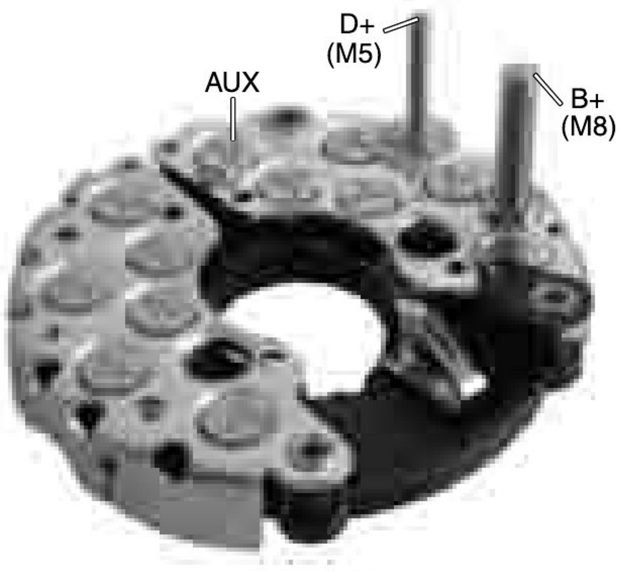
ALTERNATOR - RECTIFIERS (TRANSPO)

BOSCH

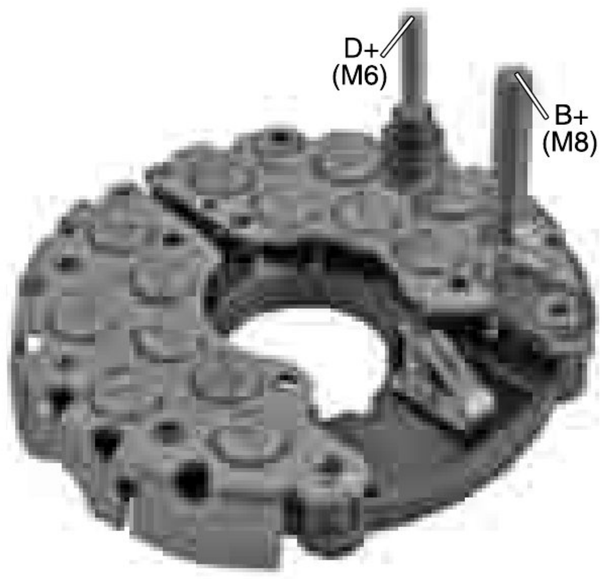
External Fan (120mm OD) (cont'd.)



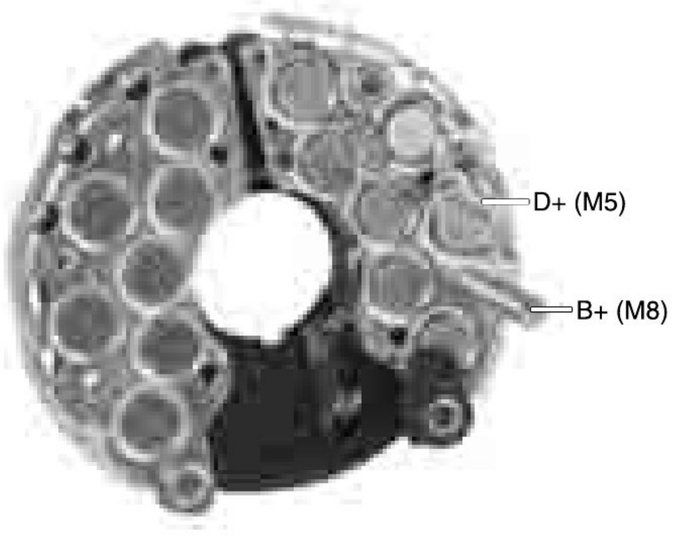
IBR337
(Ref# 31-9120)
Rectifier
For: Bosch 469 Series 100A IR/EF Alternators
Used On: (1985-84) Chrysler, Dodge, Plymouth
Replaces: Bosch 1-127-320-584, 1-127-320-608
Unit Nos: Bosch 0-120-469-623, -624; Chrysler 5213847
Lester Nos: 13191
WAI Ref. Nos: 1-1500-01BO
Dim: 120mm OD
M5 x 0.8 x 33mm D+ Term. (Trio)
M8 x 1.25 x 33mm Batt. Term.
Note: With diode trio.
Features:
• 14-40A press-fit diodes



IBR339
(Ref# 31-9113)
Rectifier
For: Bosch 469 Series 90A IR/EF Alternators
Used On: (1984) Chrysler, Dodge, Plymouth
Replaces: Bosch 1-127-320-607
Unit Nos: Bosch 0-120-469-621, -622, -639, -640; Chrysler 5213756
Lester Nos: 14765
WAI Ref. Nos: 1-1501-00BO, 1-1501-01BO
Dim: 120mm OD
M5 x 0.8 x 19mm D+ Term. (Trio)
M8 x 1.25 x 33mm Batt. Term.
Note: With anti-feedback diode. With diode trio.
Features:
• 12-40A press-fit diodes

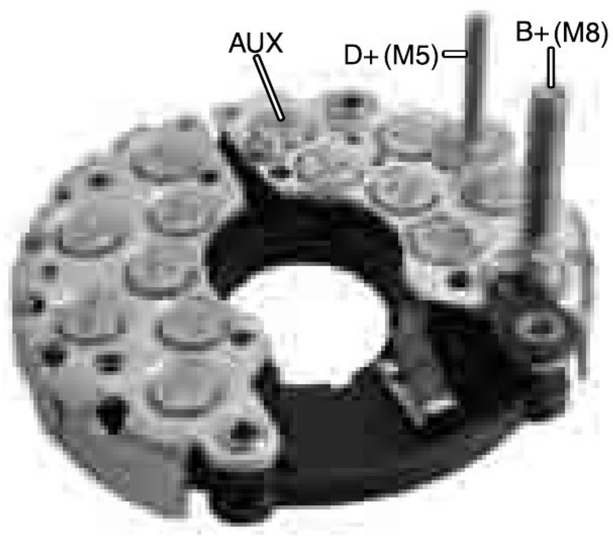


IBR918
(Ref# 31-9135)
Rectifier
For: Bosch 468 Series 140A IR/EF Alternators
Used On: (1997-87) BMW
Replaces: Bosch 1-127-320-918
Unit Nos: BMW 12-31-1-315-434, 12-31-1-710-562, 12-31-1-715-660, 12-31-1-717-395, 12-31-1-720-164, 12-31-1-731-468, 12-31-1-733-060, 12-31-1-735-705, 12-31-1-735-706; Bosch 0-120-468-013, -014, -032, -033, -071, -072, -073, -074, -097, -098
Lester Nos: 13268, 13269, 13365
WAI Ref. Nos: 1-1271-01BO, 1-1276-01BO, 1-1438-01BO
Dim: 120mm OD
M6 x 1.0 x 20mm D+ Term. (Trio)
M8 x 1.25 x 33mm Batt. Term.
Note: With diode trio.
Features:
• 14-40A press-fit diodes



IBR331
(Ref# 31-9105)
Rectifier
For: Bosch 469 Series 75-90A IR/EF Alternators
Used On: (1985-75) Audi, Porsche, VW
Replaces: Bosch 1-127-320-172, -359, -360, -531, -542
Unit Nos: Bosch 0-120-469-500, -501, -502, -503, -504, -505, -524, -525, -528, -533, -538, -539, -551, -552, -553, -554, -555, -556, -557, -558, -560, -561, -593
Lester Nos: 13122, 14000, 14059, 14418, 14782, 14791, 14966
(cont'd.)

(cont'd.)
WAI Ref. Nos: 1-1264-01BO, 1-1283-41BO, 1-1366-01BO, 1-1367-01BO, 1-1458-01BO
Dim: 120mm OD
M5 x 0.8 x 30mm D+ Term. (Trio)
M8 x 1.25 x 33mm Batt. Term.
Note: With trio.
Features:
• 14-40A press-fit diodes

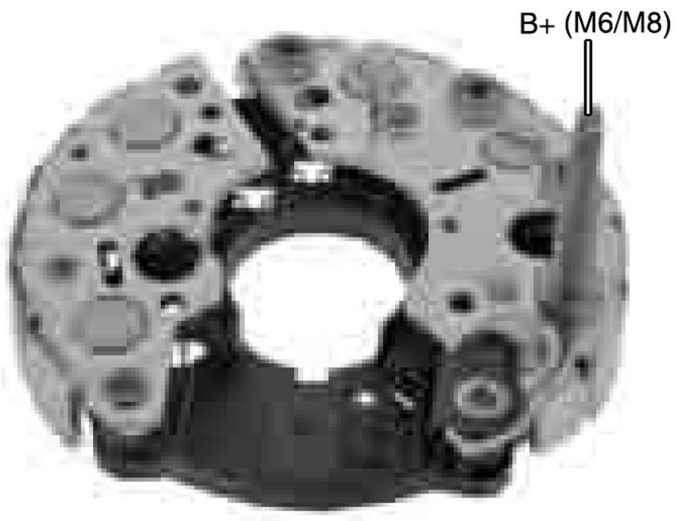


IBR332
Rectifier
For: Bosch 469 Series 90A IR/EF Alternators
Used On: Audi, BMW, Mercedes, Porsche, Saab, VW
Replaces: Bosch 1-127-320-595; Mercedes 000-154-61-16
Unit Nos: Bosch 0-120-469-581, -582; VW-Audi 025-903-023, 035-903-015R, 035-903-015S, 035-903-017A
Lester Nos: 14778
WAI Ref. Nos: 1-1461-01BO
Dim: 120mm OD
M5 x 0.8 x 30mm D+ Term. (Trio)
M8 x 1.25 x 33mm Batt. Term.
Note: With diode trio.
Features:
• 14-40A press-fit diodes



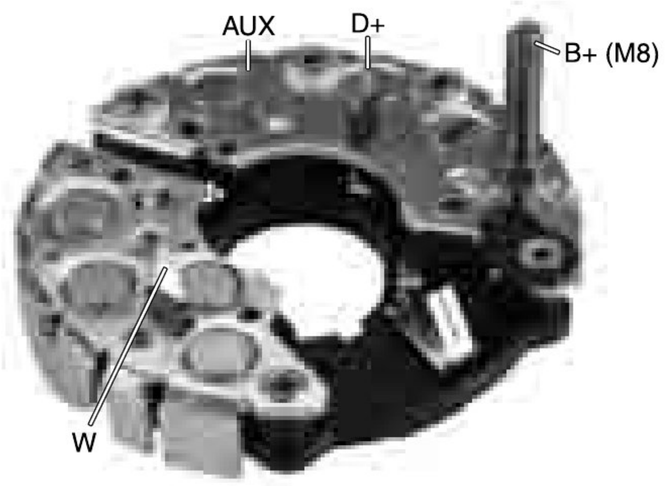
IBR344
Rectifier

For: Bosch 469 Series 80-90A IR/EF Alternators
Used On: (1985-78) Audi, Mercedes, Porsche, VW
Replaces: Bosch 1-127-320-538, 1-127-320-360; Mercedes 000-154-41-16, VW 035-903-359C
Unit Nos: Bosch 0-120-469-514, -515, -534, -535, -555, -556, -557, -558, -583, -584, -721
Lester Nos: 13122, 14418, 14791, 14799
WAI Ref. Nos: 1-1283-41BO, 1-1367-01BO, 1-1458-01BO, 1-1473-01BO
Dim: 120mm OD
M8 x 1.25 x 33mm Batt. Term.
Note: With diode trio.
Features:
• 14-40A press-fit diodes



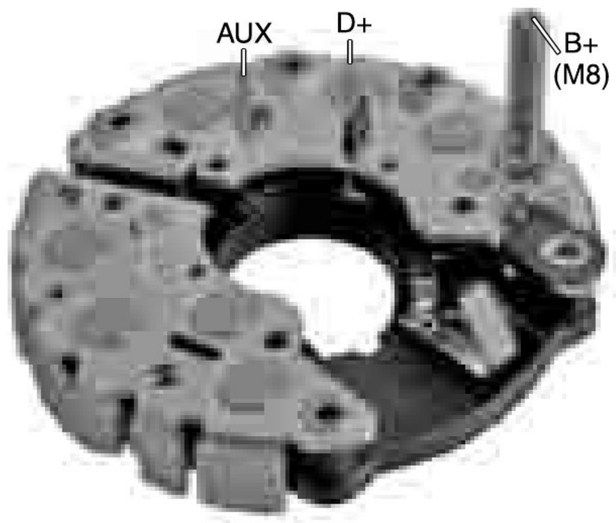
IBR329
(Ref# 31-9146)
Rectifier

For: Bosch 450 Series 90-100A ER/EF Alternators
Used On: (1990-85) Chrysler, Dodge, Plymouth
Replaces: Bosch 1-127-320-718, 1-127-320-719; Chrysler 5234447
Unit Nos: Bosch 0-120-450-011, -012, -013, -014, -016, -017;
Chrysler 5226432, 5226600, 5233574, 5233718
Lester Nos: 14789
WAI Ref. Nos: 1-1489-01BO
Dim: 120mm OD
M6 x 1.0 x 19mm, M8 x 1.25 x 22mm Stepped Batt. Term.
Note: Without diode trio.
Features:
• 6-50A press-fit diodes



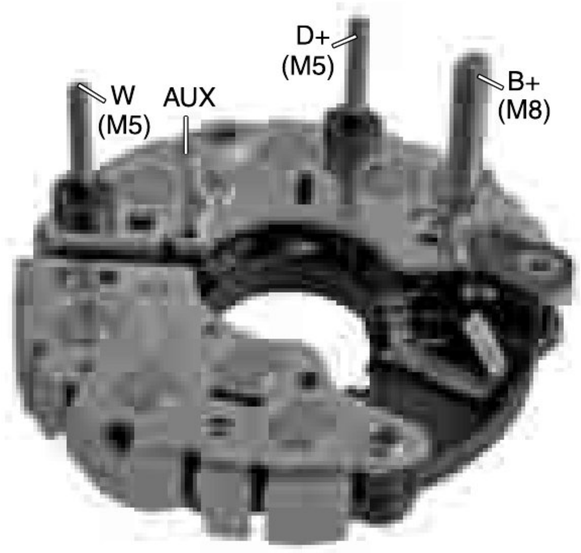
IBR350
(Ref# 31-9138)
Rectifier

For: Bosch 469 Series 90A IR/EF Alternators
Used On: (1986-85) VW
Replaces: Bosch 1-127-320-701, VW-Audi 068-903-359A
Unit Nos: Bosch 0-120-469-602, -604, -605, -637, -638, -654, -674, -675, -701, -702, -703, -704, -705, -706, -707, -711, -714, -717, -718, -719
Lester Nos: 14396, 14806, 14821
WAI Ref. Nos: 1-1388-00BO, 1-1397-01BO, 1-1471-01BO
Dim: 120mm OD
M8 x 1.25 x 33mm Batt. Term.
Note: With W-terminal. With diode trio. Similar to IBR351 except IBR351 wo/ W-terminal.
Features:
• 8-50A press-fit diodes



IBR351
(Ref# 31-9106)
Rectifier

For: Bosch 469 Series 90A IR/EF Alternators
Used On: (1989-84) Audi, Merkur, VW
Replaces: Bosch 1-127-320-700, 1-127-320-730; Ford E5RD-10304-AA, E5RY-10304-A, GYE-1353
Unit Nos: Bosch 0-120-469-028, -029, -034, -035, -631, -632, -633, -635, -636, -671, -672, -696, -697, -698, -699, -700, -708, -712, -715, -716, -720, -847, -848, -858, -859, -860, -861, -875, -892, -893, -937, -939, -940, -979, -980, -981
Lester Nos: 14778, 14822
WAI Ref. Nos: 1-1168-01BO, 1-1461-00BO, 1-1461-01BO
Dim: 120mm OD
M8 x 1.25 x 33mm Batt. Term.
Note: Without W-terminal. With diode trio. Similar to IBR350 except IBR350 w/ W-terminal.
Features:
• 8-50A press-fit diodes



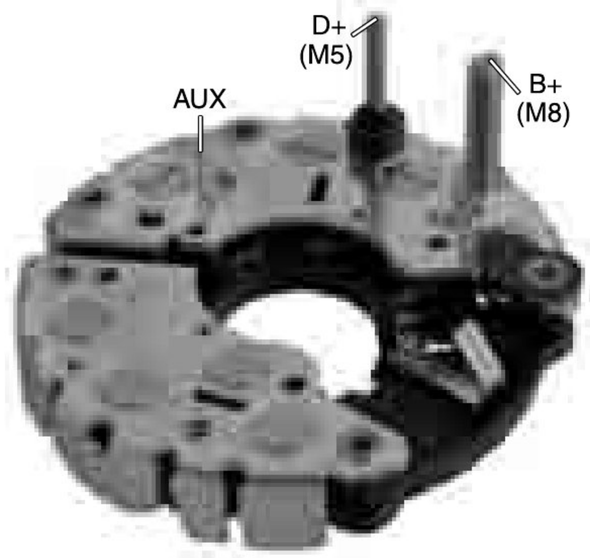
IBR353
(Ref# 31-9149)
Rectifier

For: Bosch 469 Series 90A IR/EF Alternators
Used On: Ford New Holland, Merkur
Replaces: Bosch 1-127-320-564, -706; Ford 85GB-10304-CA
Unit Nos: Bosch 0-120-469-603, -660, -610, -661, -662, -899;
Ford 85GB-10300-LA, E7RY-10346-A, R85GB-10346-LA;
VW-Audi, 068-903-027L, 069-903-017A
Lester Nos: 12374, 14396, 14944
WAI Ref. Nos: 1-1169-01BO, 1-1471-01BO
Dim: 120mm OD
M5 x 0.8 x 20mm D+ Term. (Trio)
M5 x 0.8 x 20mm W-Term.
M8 x 1.25 x 33mm Batt. Term.
Features:
• 8-50A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

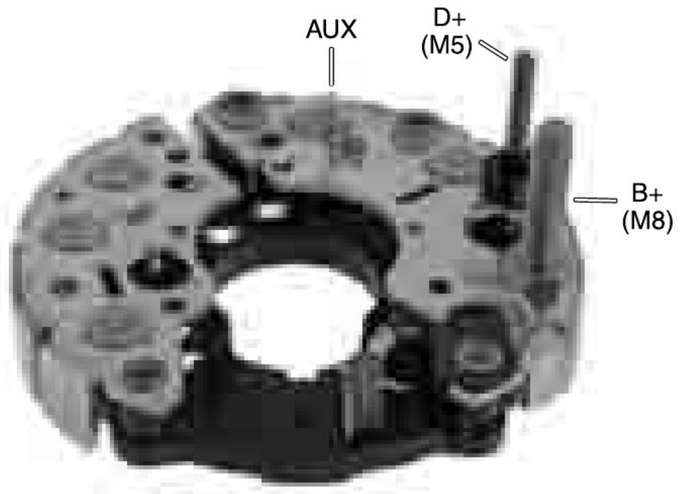
BOSCH

External Fan (120mm OD) (cont'd.)



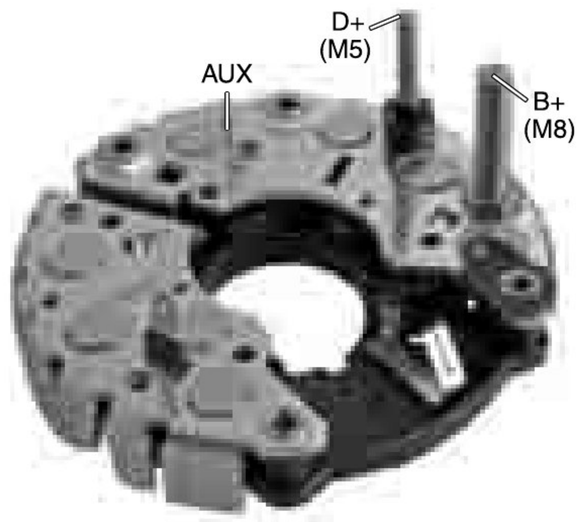
IBR354
(Ref# 31-9109)
Rectifier

For: Bosch 468, 469 Series 80-115A IR/EF Alternators
Used On: (1996-86) Alfa Romeo, Audi, BMW, Jaguar, Mercedes, Porsche, Saab, Volvo, VW
Replaces: Bosch 1-127-320-551, -565, -681, -710, -723, -732, -739; Porsche 944-603-901-00; Saab 85-90-945; Volvo 9130095; VW-Audi 026-903-359
Unit Nos: Bosch 0-120-468-017, -018, -019, -020, -023, -025, -027, -052, -056, -068, -069, -070, -079, -101, -106, -109, -112, -121, -123; 0-120-469-002, -003, -011, -012, -559, -566, -586, -590, -591, -600, -611, -620, -644, -645, -648, -649, -676, -677, -689, -690, -709, -726, -727, -728, -729, -730, -731, -732, -733, -742, -743, -745, -746, -754, -768, -777, -779, -780, -782, -783, -790, -801, -802, -804, -805, -806, -808, -809, -810, -811, -812, -815, -816, -817, -822, -823, -831, -832, -834, -835, -839, -844, -862, -873, -885, -886, -887, -888, -889, -894, -896, -897, -925, -926, -927, -928, -942, -943, -946, -947, -948, -949, -950, -962, -970, -971, -972, -992, -993, -995, -996, -997, -998
Lester Nos: 13242, 13243, 13244, 13246, 13247, 13260, 13360, 13367, 14059, 14396, 14782, 14791, 14799, 14806, 14813, 14825, 14964, 14966, 14972
WAI Ref. Nos: 1-1264-01BO, 1-1265-01BO, 1-1270-01BO, 1-1283-32BO, 1-1283-35BO, 1-1283-41BO, 1-1283-45BO, 1-1297-01BO, 1-1320-01BO, 1-1325-01BO, 1-1351-01BO, 1-1351-02BO, 1-1368-01BO, 1-1388-00BO, 1-1400-01BO, 1-1463-01BO, 1-1476-00BO, 1-1476-01BO
Dim: 120mm OD
M5 x 0.8 x 20mm D+ Term. (Trio)
M8 x 1.25 x 33mm Batt. Term.
Note: Without W-terminal, wo/ anti-feedback diode.
Similar to IBR357 except IBR357 w/ W-terminal.
Features:
• 8-50A press-fit diodes



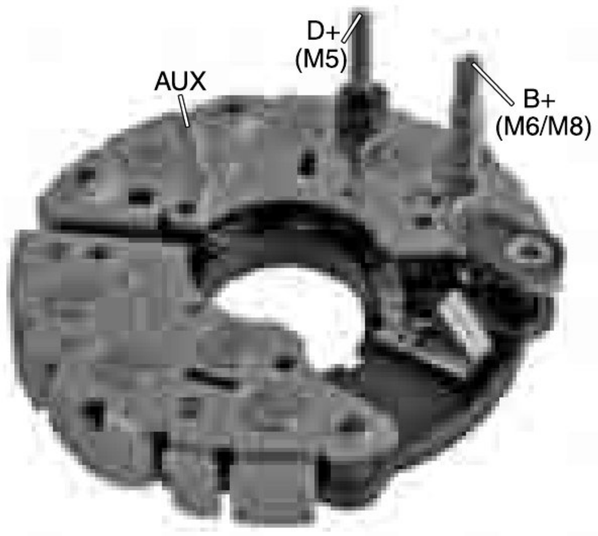
IBR355
Rectifier

For: Bosch 469 Series 80-90A IR/EF Alternators
Used On: (1994-83) BMW, Saab
Replaces: BMW 12-31-1-288-457; Bosch 1-127-320-702, 1-127-320-709, 1-127-320-722; Opel 1205455, 90349855; Saab 95-13-177
Unit Nos: Bosch 0-120-469-617, -618, -619, -641, -667, -682, -683, -684, -685, -757, -758, -759, -794, -795, -799, -800, -881
Lester Nos: 14059, 14782, 14791, 14812, 14964, 14966
WAI Ref. Nos: 1-1264-01BO, 1-1283-32BO, 1-1283-33BO, 1-1283-41BO, 1-1529-01BO
Dim: 120mm OD
M5 x 0.8 x 20mm D+ (Trio)
M8 x 1.25 x 33mm Batt. Term.
Features:
• 6-50A press-fit diodes



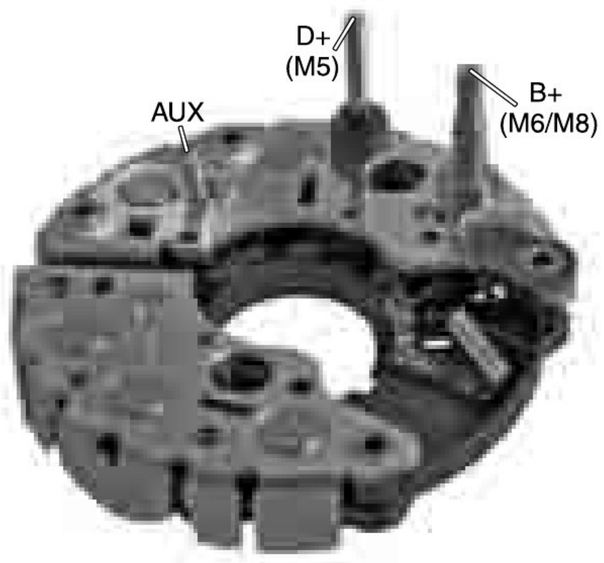
IBR357
(Ref# 31-9133)
Rectifier

For: Bosch 469 Series 90A IR/EF Alternators
Used On: (1993-86) VW
Replaces: Bosch 1-127-320-708, 1-127-320-731; Mercedes 000-154-79-16; VW-Audi 075-903-359
Unit Nos: Bosch 0-120-469-015, -020, -021, -663, -722, -723, -724, -734, -735, -736, -737, -738, -739, -740, -741, -774, -813, -814, -856, -857, -863, -884, -903, -904, -908, -929, -930, -931, -932, -933, -934, -953, -975, -976, -977, -991
Lester Nos: 13374, 14396, 14806, 14821, 14988
(cont'd.)
WAI Ref. Nos: 1-1388-00BO, 1-1397-01BO, 1-1466-01BO, 1-1467-01BO
Dim: 120mm OD
M5 x 0.8 x 20mm D+ Term. (Trio)
M8 x 1.25 x 33mm Batt. Term.
Note: With W-terminal. Similar to IBR354 except IBR354 wo/ W-terminal.
Features:
• 8-50A press-fit diodes



IBR712
(Ref# 31-9132)
Rectifier

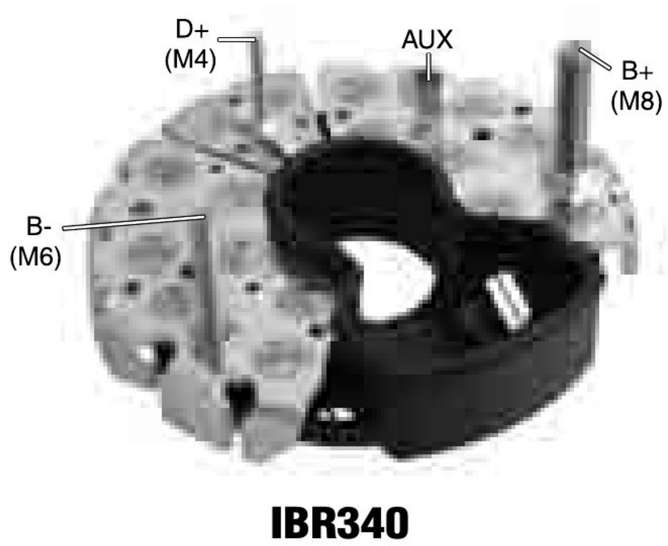
For: Bosch 469 Series 80A IR/EF Alternators
Used On: (1992-87) Volvo
Replaces: Bosch 1-127-320-712, -713; Volvo 1398651
Unit Nos: Bosch 0-120-469-784, -785, -786, -793, -838, -882, -883, -909, -910, -915, -916, -923, -924, -935, -988
Lester Nos: 13244, 13603
WAI Ref. Nos: 1-1297-01BO, 1-1301-01BO
Dim: 120mm OD
M5 x 0.8 x 20mm D+ Term. (Trio)
M6 x 1.0 x 19mm, M8 x 1.25 x 22mm Stepped Batt. Term.
Features:
• 8-50A press-fit diodes



IBR713
Rectifier

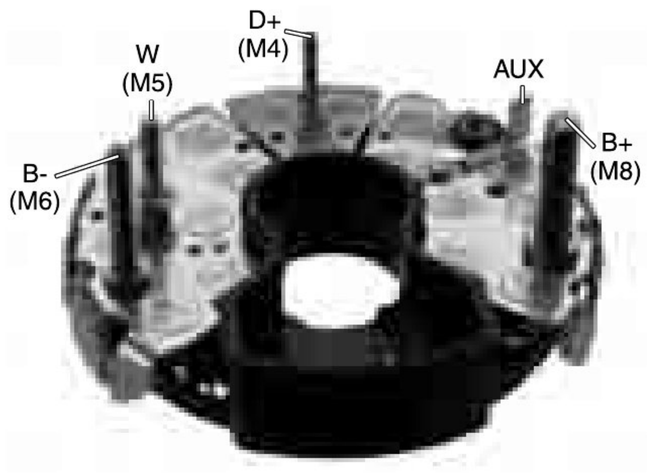
For: Bosch 468 Series 100A IR/EF Alternators
Used On: (1992-87) Volvo
Replaces: Bosch 1-127-320-713; Volvo 1398640
Unit Nos: Bosch 0-120-468-009, -010, -011, -012, -015, -016; Volvo 1324956, 1363497, 1363497-7, 1363510, 1363510-7, 1363512, 1363512-3
Lester Nos: 13235, 13604
WAI Ref. Nos: 1-1300-01BO, 1-1302-01BO
Dim: 120mm OD
M5 x 0.8 x 20mm D+ Term. (Trio)
M6 x 1.0 x 19mm, M8 x 1.25 x 22mm Stepped Batt. Term.
Features:
• 6-50A press-fit diodes

External Fan (125mm OD)



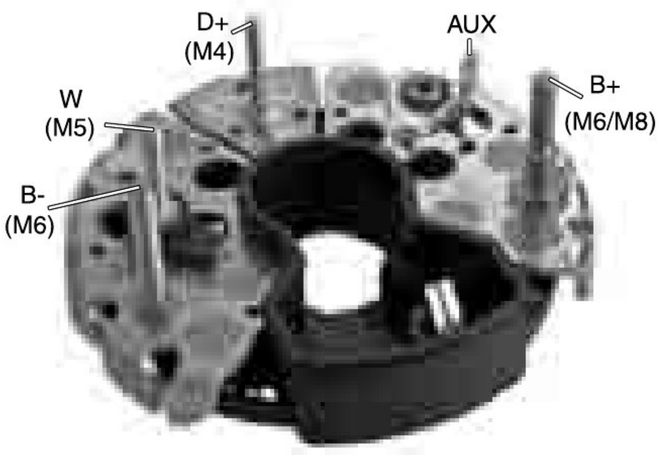
IBR340
(Ref# 31-9115)
Rectifier

For: Bosch 469 Series 55A/24V IR/EF Alternators
Used On: Mercedes, Saab Scania, Volvo Trucks
Replaces: Bosch 1-127-320-543, -655
Unit Nos: Bosch 0-120-469-521, -532
Dim: 125mm OD
M4 x 0.7 x 20mm D+ Term. (Trio)
M6 x 1.0 x 30mm Grd. Term.
M8 x 1.25 x 33mm Batt. Term.
Features:
• 14-40A press-fit diodes



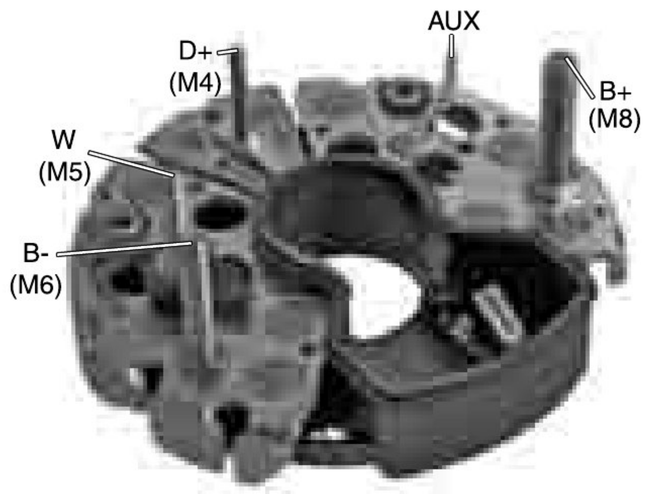
IBR341
(Ref# 31-9142)
Rectifier

For: Bosch 469 Series 90A IR/EF Alternators
Used On: DAF, Mercedes, Saab Scania, Volvo-White Truck
Replaces: Bosch 1-127-320-390, 1-127-320-959
Unit Nos: Bosch 0-120-469-522, -749
Dim: 125mm OD
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 W-Term.
M6 x 1.0 x 33mm Grd. Term.
M8 x 1.25 x 33mm Batt. Term.
Features:
• 14-40A press-fit diodes



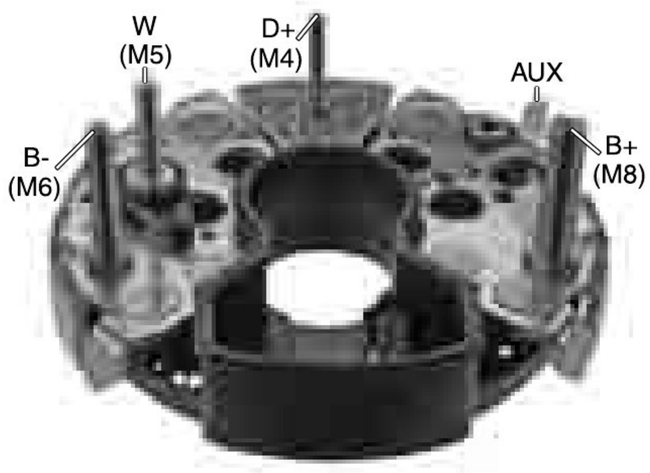
IBR590
(Ref# 31-9154)
Rectifier

For: Bosch 689 Series 24V IR/EF Alternators
Used On: Scania
Replaces: Bosch 1-127-320-590, -976, -977
Unit Nos: Bosch 0-120-469-643
Dim: 125mm OD
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 x 29mm W-Term.
M6 x 1.0 x 33mm Grd. Term.
M6 x 1.0 x 19mm, M8 x 1.25 x 22mm Stepped Batt. Term.
Features:
• 8-40A press-fit diodes
• 3-25A Diode Trio



IBR904
(Ref# 31-9155)
Rectifier

For: Bosch 469 Series 24V IR/EF Alternators
Used On: Leyland-DAF, Scania, Volvo Truck
Replaces: Bosch 1-127-320-904 , -968; Volvo 68092
Unit Nos: Bosch 0-120-469-041, -796, -963, -983
Dim: 125mm OD
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 x 29mm W-Term.
M6 x 1.0 x 33mm Grd. Term.
M8 x 1.25 x 33mm Batt. Term.
Features:
• 8-40A press-fit diodes
• 3-25A diode trio



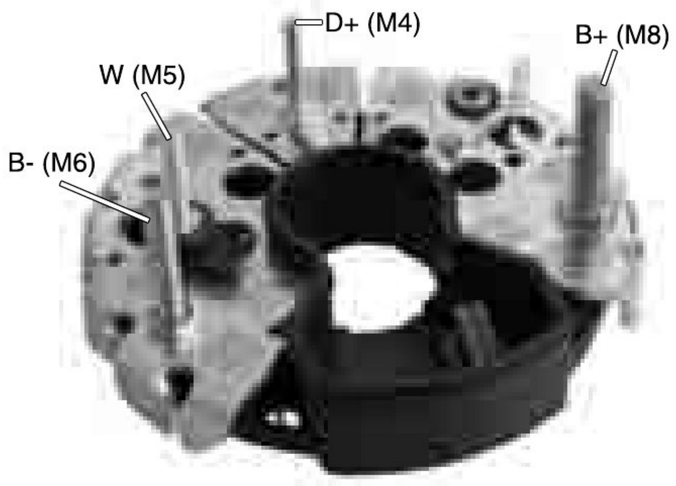
IBR955
(Ref# 31-9156)
Rectifier

For: Bosch 468, 488 Series 24V IR/EF Alternators
Used On: DAF, KHD, MAN, Scania, Volvo Truck
Replaces: Bosch 1-127-320-924, -951,-955, -980, -981; Renault 5001831957, Volvo 1698182
Unit Nos: Bosch 0-120-468-037; 0-120-488-208, -273
Dim: 125mm OD
M4 x 0.7 x 29mm D+ Term. (Trio)
M5 x 0.8 x 29mm W-Term.
M6 x 1.0 x 33mm Grd. Term.
M8 x 1.25 x 33mm Batt. Term.
Features:
• 8-40A press-fit avalanche diodes
• 3-25A diode trio

ALTERNATOR - RECTIFIERS (TRANSPO)

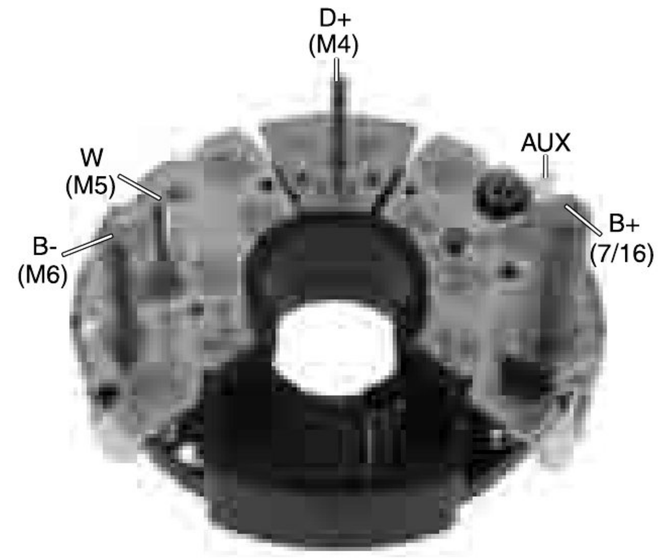
BOSCH

External Fan (125mm OD) (cont'd.)



IBR989
Rectifier

For: Bosch 468 Series 55-80A/24V IR/EF Alternators
Used On: Iveco, KHD, Mercedes, Scania, Volvo
Replaces: Bosch 1-127-320-969, -989; DAF 1311304. Iveco 93193789, KHD 1318310, MAN 81-26109-0018, Mercedes 001-154-21-16, Renault 5010-844-263, Scania 1387615; Volvo 3090260, 3090262, 11704308
Unit Nos: Bosch 0-120-468-053, 0-120-468-107, 0-120-468-114, 0-120-468-131; DAF 091295; Iveco 8007700; KHD 1178511; MAN 51-26101-7192, 51-26101-7195; Mercedes 007-154-92-02, 007-154-99-02; Scania 1336136, 1394969; Volvo 1089862
Dim: 125mm OD
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 x 29mm W-Term.
M6 x 1.0 x 33mm Grd. Term.
M8 x 1.25 x 33mm Batt. Term.
Note: With diode trio.
Features:
- 8-50A press-fit avalanche diodes
- 3-25A diode trio

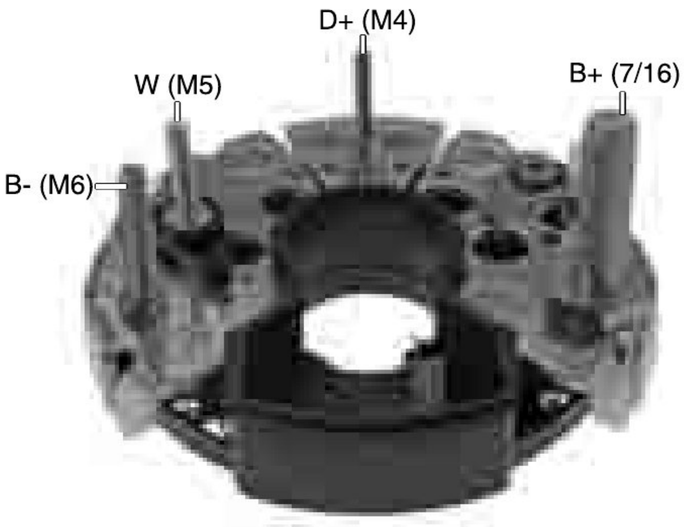


IBR954
(Ref# 31-9143)
Rectifier

For: Bosch 468 Series 110-135A IR/EF Alternators
Used On: Case, IHC, John Deere
Replaces: Bosch 1-127-320-920, 1-127-320-954; IHC 1964732C1
Unit Nos: Bosch 0-120-468-028, -055
Lester Nos: 12131
WAI Ref. Nos: 1-2045-01BO
Dim: 125mm OD
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 x 22mm W-Term.
M6 x 1.0 x 33mm Grd. Term.
7/16-14 Batt. Term.
Note: With diode trio
Features:
- 14-40A press-fit diodes

IBR954A
Rectifier

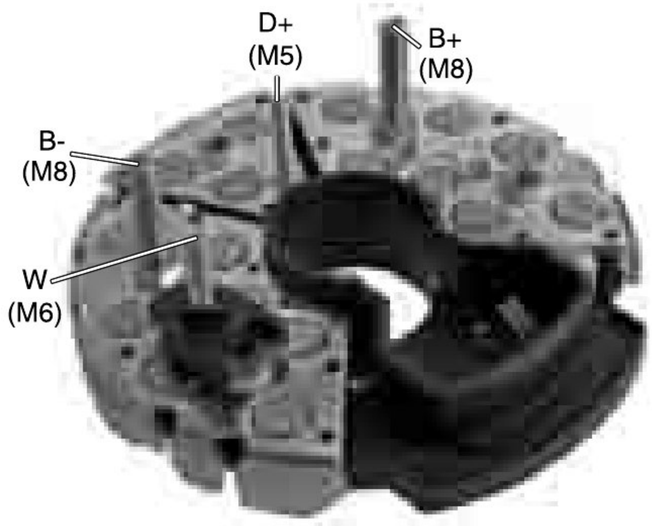
Same as IBR954 except...
Features:
- 8-50A press-fit avalanche diodes
- 3-25A diode trio



IBR957
Rectifier

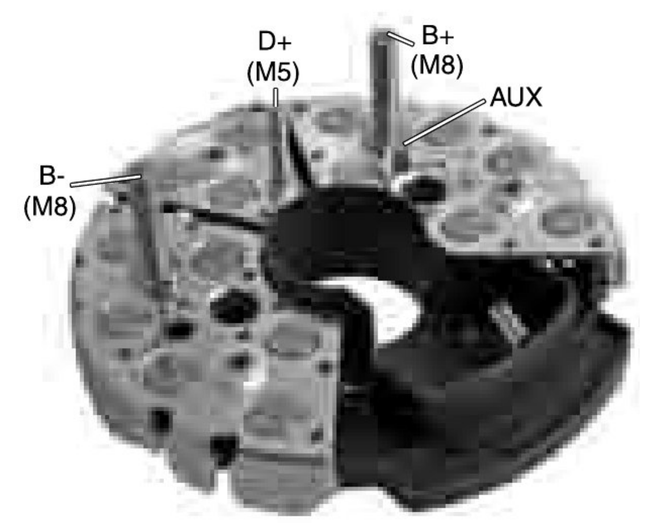
For: Bosch 468 Series 65-80A/24V IR/EF Alternators
Used On: Case, John Deere
Replaces: Bosch 1-127-320-957
Unit Nos: Bosch 0-120-468-054, -136, -147; Cummins 3923624; John Deere AT168711, AT208541
Lester Nos: 12149, 12157
Dim: 125mm OD
7/16-14 Batt. Term.
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 x 22mm W-Term.
M6 x 1.0 x 33mm Grd. Term.
Note: With diode trio.
Features:
- 8-50A press-fit avalanche diodes
- 3-25A diode trio

External Fan (145mm OD)



IBR547
Rectifier

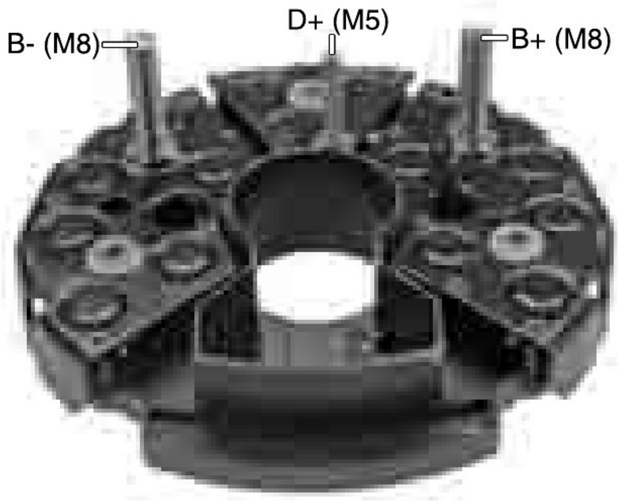
For: Bosch 689 Series 75-105A/24V IR/EF Alternators
Used On: MAN Bus
Replaces: Bosch 1-127-320-547, 1-127-320-571; DAF 698217, 698670; Deutz-Allis 1309660; Iveco 8122274; KHD 1309660; MAN 81-26109-0002, 81-26109-0007; Mercedes 000-154-19-16, 000-154-48-16, 000-154-51-16, 000-154-77-16; Renault 5000-809-526; Scania 419491; Volvo 696002, 698670, 11995018
Unit Nos: Bosch 0-120-489-503; 0-120-689-503, -504, -505, -506, -507, -508, -510, -512, -514, -515, -516, -523, -524, -525, -623
Dim: 145mm OD
M5 x 0.8 x 25mm D+ (Trio)
M6 x 1.0 x 25mm W-Term.
M8 x 1.25 x 33mm Batt. Term.
M8 x 1.25 x 33mm Grd. Term.
Note: For 12-diode version use IBR550.
Features:
- 14-40A press-fit diodes
- 3-25A diode trio



IBR550
Rectifier

For: Bosch 689 Series 110-140A/24V IR/EF Alternators
Used On: MAN Bus
Replaces: Bosch 1-127-320-550, DAF 696002, KHD 1320547, MAN 81-26109-0008, Mercedes 000-154-54-16, Scania 424968, Volvo 1698762
(cont'd.)

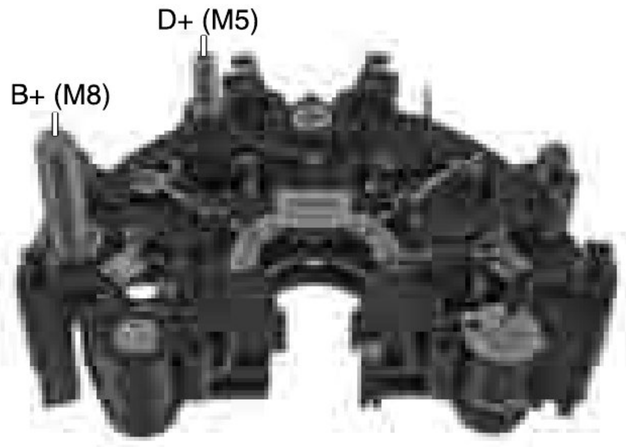
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Unit Nos: Bosch 0-120-689-511, -513, -517, -518, -520, -521, -522, -526, -527, -528, -530, -531;
Mercedes 006-154-21-02, 007-154-28-02
Lester Nos: 12376
Dim: 145mm OD
M5 x 0.8 x 25mm D+ Term. (Trio)
M8 x 1.25 x 20mm Batt. Term.
M8 x 1.25 x 20mm Grd. Term.
Note: For 14-diode version use IBR547.
Features:
- 12-40A press-fit diodes
- 3-25A diode trio



IBR973
Rectifier

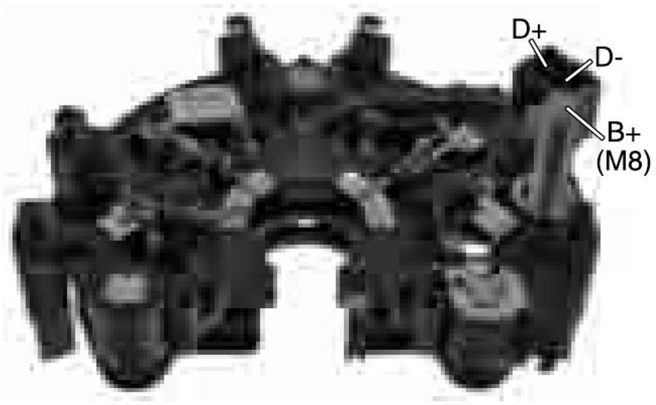
For: Bosch 689 Series 110-140A/24V IR/EF Alternators
Used On: MAN Bus, Mercedes Truck, Renault Agora Bus
Replaces: Bosch 1-127-320-973, DAF 1287819, Iveco 93163820, KHD 1319100, MAN 81-26109-0023, Scania 1347012, Volvo 3097306
Unit Nos: Bosch 0-120-689-532, 0-120-689-535, 0-120-689-538, 0-120-689-540, 0-120-689-545, 0-120-689-550, 0-120-689-557, 0-120-689-566; Iveco 4831585; KHD 1181180; MAN 51-26101-7222; Mercedes 008-154-78-02, 009-154-09-02, 012-154-47-02, 012-154-50-02; Renault 5010-390-082
Lester Nos: 12376, 12377
Dim: 145mm OD
M5 x 0.8 x 25mm D+ Term. (Trio)
M8 x 1.25 x 32mm Batt. Term.
M8 x 1.25 x 32mm Grd. Term.
Note: With diode trio.
Features:
- 12-50A press-fit avalanche diodes

Internal Fan (112mm OD)



IBR844
(Ref# 31-9124)
Rectifier

For: Bosch 70-90A IR/IF Alternators
Used On: (2000-91) Mercedes, Saab
Replaces: Bosch 1-127-319-510, 1-127-319-593, 1-127-319-730, 1-127-320-807, 1-127-320-844, 1-127-320-864;
Mercedes 000-154-98-16
Unit Nos: Bosch 0-113-320-040; 0-120-485-011, -012, -022; 0-123-310-005, -008, -041; 0-123-315-005, -501; 0-123-320-010, -011, -029, -039, -040, -041, -042, -043, -044, -045, -046, -047, -049, -051, -057, -060, -061, -062, -065; 0-123-325-007; 0-123-335-002, -003, -004, -005, -006, -008; 0-123-340-006, -007
Lester Nos: 13376, 13610, 13613, 13811
WAI Ref. Nos: 1-1846-01BO, 1-1909-00BO, 1-1909-01BO, 1-1950-01BO, 1-1950-42BO, 1-1950-44BO, 1-1950-45BO
Dim: 112mm OD
M5 x 0.8 x 20mm D+ Term. (Trio)
M8 x 1.25 x 33mm Batt. Term.
Note: With W-terminal & avalanche diodes
Features:
- 6-50A press-fit avalanche diodes

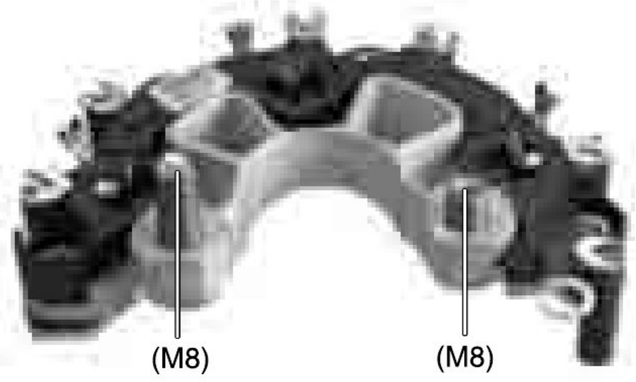


IBR852
(Ref# 31-9121)
Rectifier

For: Bosch 70-90A IR/IF Alternators
Used On: (2002-93) VW
Replaces: Bosch 1-127-319-552, 1-127-319-728, 1-127-320-852; VW-Audi 028-903-359B, C, J
(cont'd.)

(cont'd.)
Unit Nos: Bosch 0-120-335-007, 0-120-340-003; 0-120-485-034, -043, -044; 0-123-310-001, -002, -003, -018, -019, -020, -024, -025, -032, -034, -035, -037, -038, -039, -040, -046, -049; 0-123-315-001, -002, -006, -021, -501; 0-123-320-005, -006, -007, -008, -017, -018, -019, -024, -027, -031, -032, -034, -036, -037, -038, -063; 0-123-340-003; 0-986-038-070, -370, -380, -390
Lester Nos: 13380, 13381, 13606, 13831, 13832, 13902, 13903
WAI Ref. Nos: 1-1539-01BO, -02BO; 1-1809-01BO, 1-1813-01BO, -02BO; 1-2453-01BO
Dim: 112mm OD
M8 x 1.25 x 33mm Batt. Term.
Features:
- 6-50A press-fit avalanche diodes

Internal Fan (120mm OD)



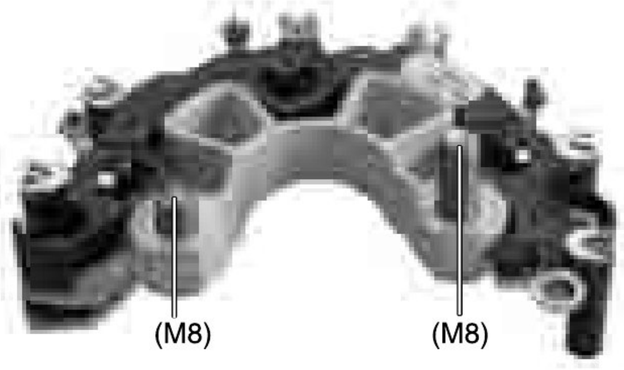
IBR200
Rectifier

For: Bosch 120A IR/IF Alternators
Used On: (2005-97) Porsche, Opel, Saturn
Replaces: Bosch F-00M-133-200, Opel 9117941
Unit Nos: Bosch 0-124-515-001, -004, -005, -006, -008, -015, -016, -023, -031, -032, -033, -099; B-120-516-147, GM/Opel 22674549, 22674550, 90585955, Porsche 996-603-012-00, -01
Lester Nos: 13804, 13805, 13810
WAI Ref. Nos: 1-2255-01BO, 1-2256-01BO
Dim: 120mm OD
M8 x 1.25 Batt. Term.
M8 x 1.25 Auxiliary Term.
Note: Delta stator application.
Features:
- 6-50A press-fit avalanche diodes

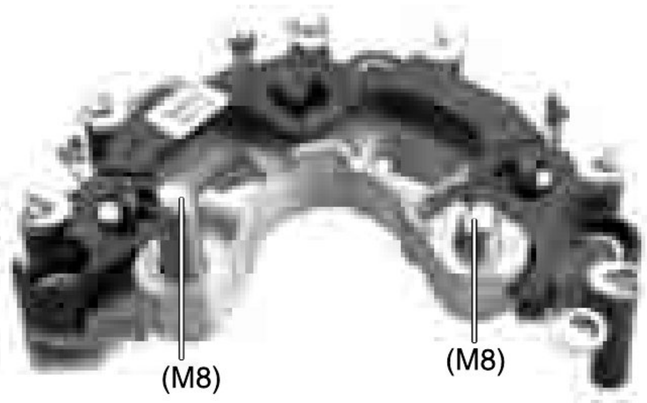
ALTERNATOR - RECTIFIERS (TRANSPO)

BOSCH

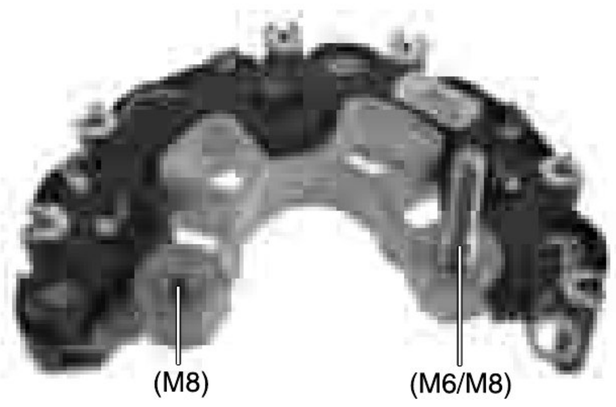
Internal Fan (120mm OD) (cont'd.)



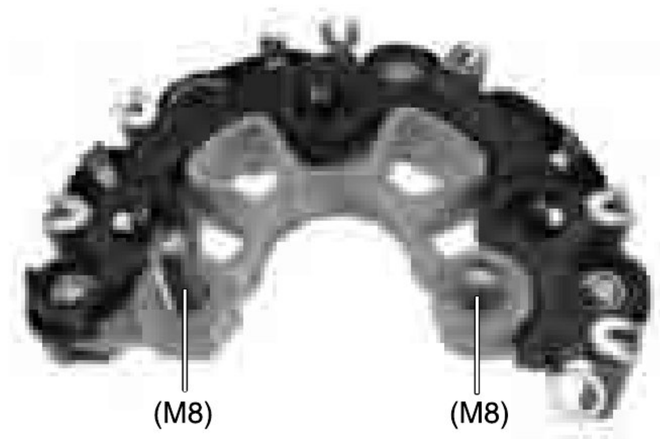
IBR201
Rectifier
For: Bosch 105-140A IR/IF Alternators
Used On: (2005-99) Audi, Dodge Sprinter Van, Mercedes, Oldsmobile, Pontiac, VW, Volvo
Replaces: Bosch F-00M-133-201, -205, -228, -241, -246; VW 038-903-359
Unit Nos: Bosch 0-124-515-010, -011, -012, -017, -019, -024, -034, -039, -045, -046, -054, -056, -061, -064, -088, -100; 6-004-MA5-011
Lester Nos: 12383, 13770, 13801, 13802, 13853, 13884, 13904, 13951, 13954
WAI Ref. Nos: 1-2244-11BO, 1-2245-11BO, 1-2399-01BO, 1-2402-01BO, 1-2521-01BO
Dim: 120mm OD
M8 x 1.25 Batt. Term.
M8 x 1.25 Auxiliary Term.
Note: For delta stator application.
Features:
• 6-50A press-fit avalanche diodes



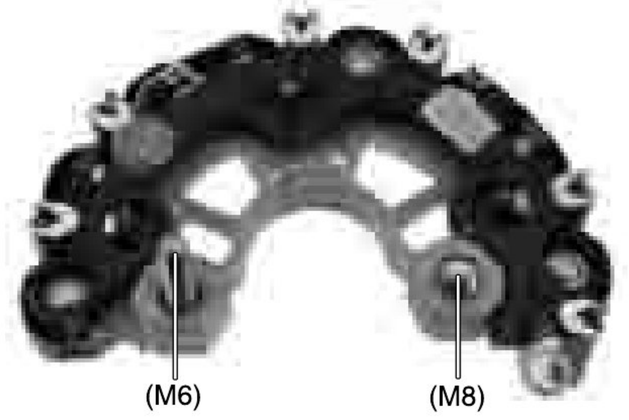
IBR202
Rectifier
For: Bosch 100-105A IR/IF Alternators
Used On: Opel, Ford (Europe)
Replaces: Bosch F-00M-123-202, Opel 9120217
Unit Nos: Bosch 0-124-415-001, 0-124-415-002, 0-124-415-005, 0-124-415-006, 0-124-415-008, 0-124-415-009, 0-124-415-010; Ford 98BB-10300-BC, -BD, -BE; Opel 1204054, 90561168, 9117934, 9119309, 9132653
Dim: 120mm OD
M8 x 1.25 Batt. Term.
M8 x 1.25 Auxiliary Term.
Note: Delta stator application.
Features:
• 6-50A press-fit avalanche diodes



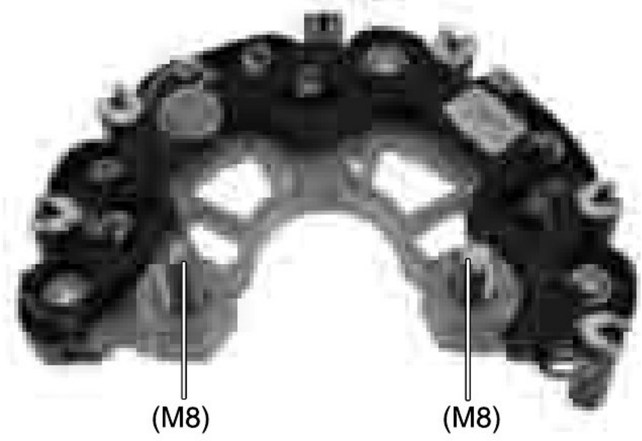
IBR222
Rectifier
For: Bosch 130A IR/IF Alternators
Used On: (2002-01) Chevrolet, GMC
Replaces: Bosch F-00M-133-222
Unit Nos: Bosch 6-004-ML0-024, Delco 15755900
Lester Nos: 13860
WAI Ref. Nos: 1-2510-01BO
Dim: 120mm OD
M6 x 1.0, M8 x 1.25 Stepped Batt. Term.
Note: Delta stator application.
Features:
• 6-50A press-fit avalanche diodes



IBR224
Rectifier
For: Bosch 80-100A/24V IR/IF Alternators
Used On: Mercedes-Benz Trucks
Replaces: Bosch F-00M-133-224, Mercedes 001-154-36-16
Unit Nos: Bosch 0-124-555-007, -008, -012, -016, -021, -023, -025; 0-124-655-007; Cummins, 3357747; Scania 0518064, 1442788, 1475569, 1475570
Dim: 120mm OD
M8 x 1.25 Batt. Term.
Note: Delta stator application.
Affiliate Regulator IB298
Features:
• 6-60A press-fit avalanche diodes



IBR233
Rectifier
For: Bosch 75A IR/IF Alternators
Used On: Ford Transit (Europe)
Replaces: Bosch F-00M-123-233
Unit Nos: Bosch 0-124-315-019, 0-124-315-027, 0-124-325-100; Ford YC1T-10300-BC, BD, BE, BG, BH, BJ
Dim: 120mm OD
M6 x 1.0 Batt. Term.
M8 x 1.25 Batt. Term.
Note: Y-wound stator applications
Features:
• 6-50A press-fit avalanche diodes



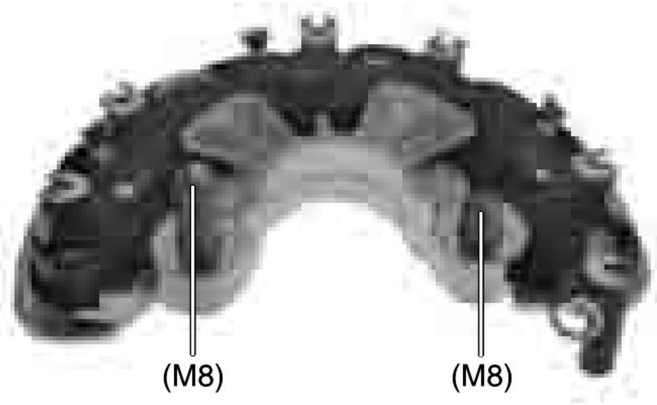
IBR238
Rectifier
For: Bosch 70-90A IR/IF Alternators
Used On: Toyota (non-USA)
Replaces: Bosch F-00M-123-238
Unit Nos: Bosch 0-124-315-015, -016, -024, -025, -029, -033, -034; 0-124-325-079, -165
Dim: 120mm OD
M8 x 1.25 Batt. Term.
M8 x 1.25 Auxiliary Term.
Note: Y-wound stator applications
Features:
• 6-50A press-fit avalanche diodes



IBR244
Rectifier

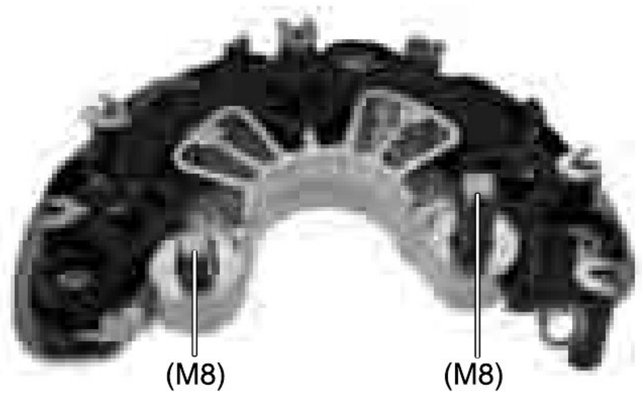
For: Bosch 70-90A IR/IF Alternators
Used On: (2005-98) Audi, Dodge Sprinter Van, VW
Replaces: Bosch F-00M-123-201, -244, -227
Unit Nos: Bosch 0-124-225-010; 0-124-315-001, -002, -003, -004, -005, -006, -007, -008, -010, -011, -013, -014; 0-124-320-001; 0-124-325-001, -002, -003, -004, -011, -012, -013, -014, -015, -016, -017, -019, -020, -032, -033, -036, -037, -039, -040, -043, -045, -055, -093
Lester Nos: 12382, 13849, 13850, 13851, 13852, 13921
WAI Ref. Nos: 1-2452-01BO, 1-2519-01BO, 1-2520-01BO
Dim: 120mm OD
Note: For Y-wound stator applications.
Features:
• 6-50A press-fit avalanche diodes

Internal Fan (130mm OD)



IBR211
Rectifier

For: Bosch 120A IR/IF Alternators
Used On: (2001-00) Saturn
Replaces: Bosch F-00M-133-211
Unit Nos: Bosch 0-124-515-043, Delco 21019217, 22674550
Lester Nos: 13805
WAI Ref. Nos: 1-2256-01BO
Dim: 130mm OD
M8 x 1.25 Batt. Term.
M8 x 1.25 Auxiliary Term.
Note: Delta stator application.
Features:
• 6-50A press-fit avalanche diodes



IBR215
(Ref# 31-9148)
Rectifier

For: Bosch 125A IR/IF Alternators
Used On: (2004-99) Chevrolet, Oldsmobile, Pontiac
Replaces: Bosch F-00M-133-215, F-00M-133-218, F-00M-133-247
Unit Nos: Bosch 6-004-ML0-017, 6-004-ML0-021; Delco 10288764, 10418889
Lester Nos: 13771
WAI Ref. Nos: 1-2234-01BO
Dim: 130mm OD
M8 x 1.25 Batt. Term.
M8 x 1.25 Auxiliary Term.
Note: For delta stator application.
Features:
• 6-50A press-fit avalanche diodes



IBR277
Rectifier

For: Bosch 150A IR/IF Alternators
Used On: (2005) Cadillac, Chevrolet, GMC
Replaces: Bosch F-00M-133-277
Unit Nos: Bosch 0-124-525-072, Delco 10371020, 15200269
Lester Nos: 11075
WAI Ref. Nos: 1-2559-21BO
Dim: 130mm OD
M6 x 1.0 x 38mm Batt. Term.
Note: Delta stator application.
Features:
• 6-50A press-fit avalanche diodes

CHRYSLER



CR3050
(Ref# 31-304-1)
Rectifier

For: Chrysler 40/90A, 50/120A ER/EF Alternators
Replaces: Chrysler 4364855, 4467162, 5226009
Dim: 5mm Mtg. Holes
Note: Without terminal.
For version w/ terminal use CR3051
Features:
• 50A button diodes
• Aluminum heat sink



CR3051
(Ref# 31-304)
Rectifier

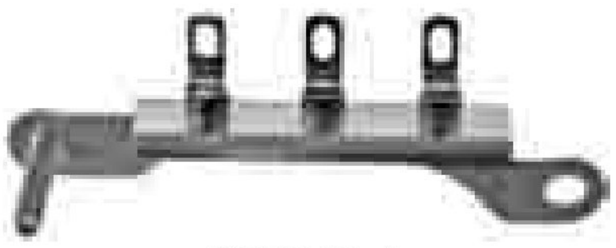
For: Chrysler 40/90A, 50/120A ER/EF Alternators
Replaces: Chrysler 4364855, 4433145, 4467162, 5226009, 5226096
Dim: 5mm Mtg. Holes
M6 x 1.0 Term.
Note: For version wo/ terminal use CR3050.
Features:
• 50A button diodes
• Aluminum heat sink

CR3053
(Ref# 31-304-2)
Rectifier

Same as CR3051 except...
Features:
• Heavy Duty
• 70A button diodes
• Aluminum heat sink

ALTERNATOR - RECTIFIERS (TRANSPO)

CHRYSLER (cont'd.)

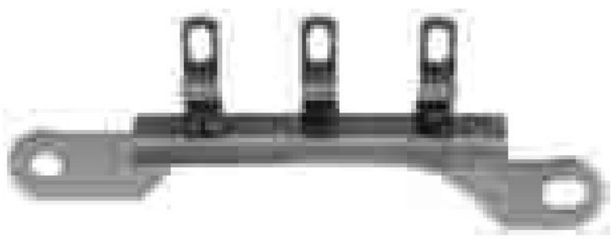


CR3040-1
(Ref# 31-301-1)
Rectifier - Positive

For: Chrysler Square Back, Revised Square Back ER/IF Alternators
Replaces: Chrysler 3438727, 3874268, 3874269, 3874343, 4026082, 4026083, 4026282, 4240488
Dim: 1/4-20 Term.
Components:
31-3400 Diode Lead
Features:
- 3-25A button diodes
- Aluminum heat sink

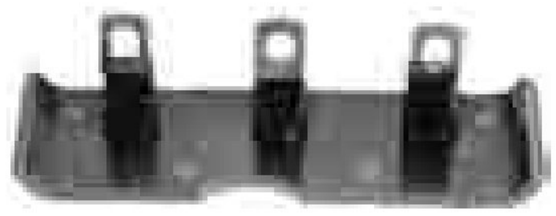
CR3042-1
(Ref# 31-301-2)
Rectifier - Positive

Same as CR3040-1 except...
Features:
- Heavy Duty
- 3-50A button diodes
- Aluminum heat sink



CR3046
(Ref# 31-301)
Rectifier - Positive

For: Chrysler Square Back Series ER/IF Alternators
Replaces: Chrysler 3438727, 3874268, 3874269, 3874343, 4026082, 4026083, 4026282, 4240488
Note: Without terminal.
For version w/ terminal use CR3040-1.
Components:
31-3400 Diode Lead
Features:
- 3-25A button diodes
- Aluminum heat sink

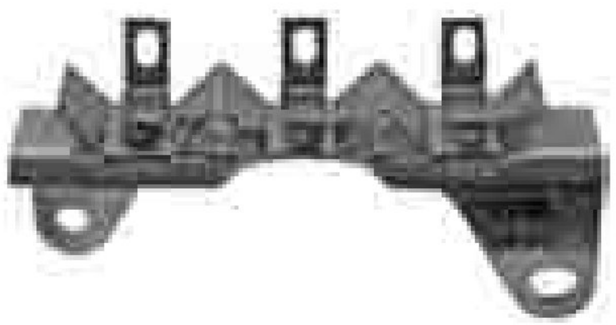


CR3041-1
(Ref# 31-300)
Rectifier - Negative

For: Chrysler Square Back, Revised Square Back ER/IF Alternators
Replaces: Chrysler 3438721, 3755114
Components:
31-3400 Diode Lead
Features:
- 3-25A button diodes
- Aluminum heat sink

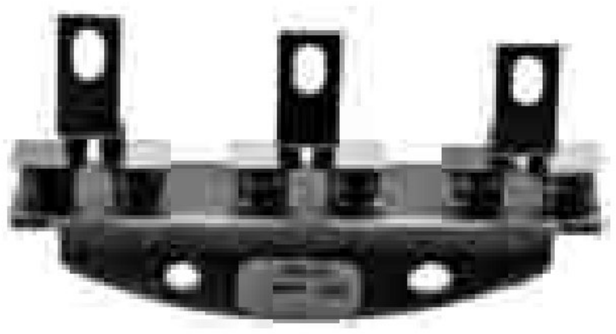
CR3043-1
(Ref# 31-300-1)
Rectifier - Negative

Same as CR3041-1 except...
Features:
- Heavy Duty
- 3-50A button diodes
- Aluminum heat sink



CR3100
(Ref# 31-303)
Rectifier - Positive

For: Chrysler 100-114A ER/EF Alternators
Replaces: Chrysler 3755631, 4026303
Features:
- 6-Button diodes, 25 Amp
- Copper heat sinks



CR3101
(Ref# 31-302)
Rectifier - Negative

For: Chrysler 100-114A ER/EF Alternators
Replaces: Chrysler 3755627
Features:
- 6-Button diodes, 25 Amp
- Copper heat sinks

DELCO

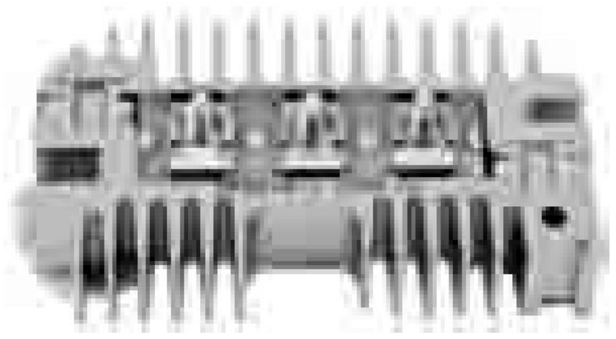
10DN Series



31-100
(Ref# DR5036)
Rectifier - Positive

For: Delco 10DN Series ER/EF Alternators
Replaces: Delco 1959828, D3978
Note: For negative diodes use 32-111.
Components:
32-112 Positive Diode
Features:
- 3-35A press-fit diodes

10SI Series



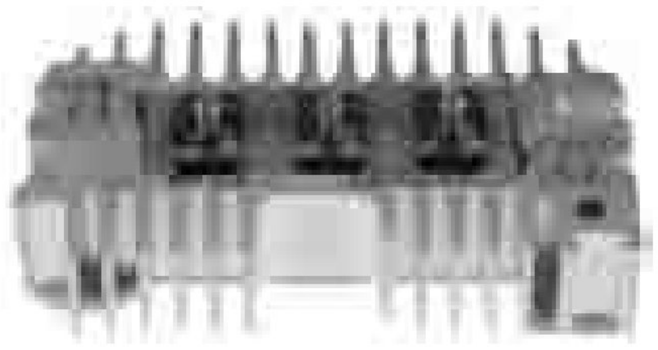
DR5040-1
(Ref# 31-101)
Rectifier

For: Delco 10SI, 20SI, 30SI/TR Series IR/EF Alternators
Replaces: Delco 1971987, 1984638, D3915
Features:
- 6-25A button diodes
- Heat sink tunnel for additional air flow to cool diode trio

DR5042-1
(Ref# 31-101-1)
Rectifier

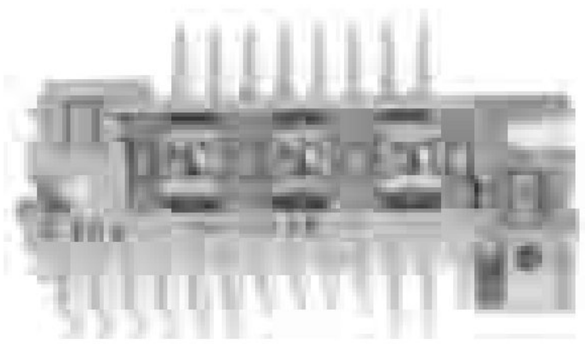
Same as DR5040-1 except...
Features:
- Heavy Duty
- 6-50A button diodes
- Heat sink tunnel for additional air flow to cool diode trio

ALTERNATOR - RECTIFIERS (TRANSPO)



DR5045
(Ref# 31-124)
Rectifier

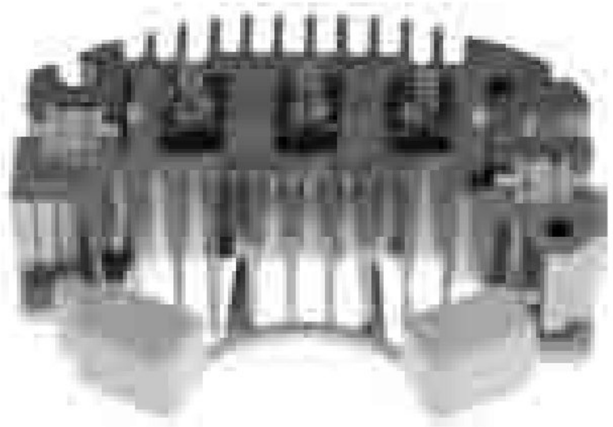
For: Delco 10SI Series Positive Grd. IR/EF Alternators
Features:
- 6-25A button diodes
- Heat sink tunnel for additional air flow to cool diode trio



31-101-4
Rectifier

For: Delco 10SI/Type 136, 20SI Series IR/EF Alternators
Used On: Caterpillar and Heavy-Duty Farm Applications
Replaces: Delco 1971987, 1984638, D3915
Components:
31-1401 Diode Lead
31-1603 Terminal Block
32-735 Diode
Features:
- 50A button diodes
- Open base design for better cooling & less dirt retention

12SI Series

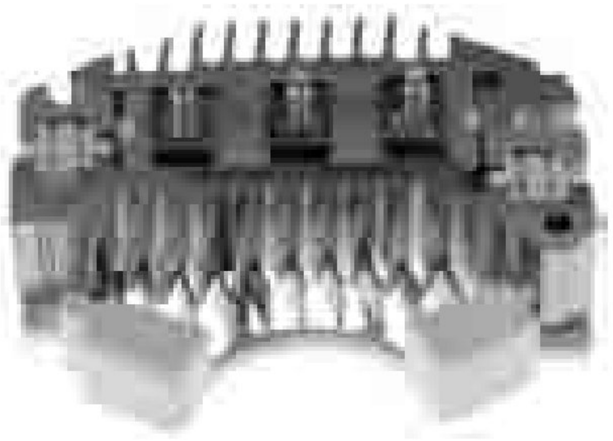


DR5050-1
(Ref# 31-102)
Rectifier

For: Delco 12SI Series 56-78A IR/EF Alternators
Replaces: Delco 1984454, D3924
Features:
- 6-25A button diodes

DR5052
(Ref# 31-102-1)
Rectifier

Same as DR5050-1 except...
Features:
- Heavy Duty
- 6-50A button diodes



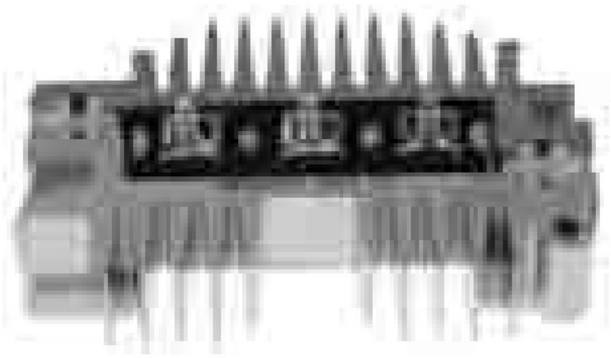
DR5054-1
(Ref# 31-103)
Rectifier

For: Delco 12SI Series 94A IR/EF Alternators
Replaces: Delco 1987061, D3986
Features:
- 6-50A button diodes
- Bidirectional fins

DR5056
(Ref# 31-103-1)
Rectifier

Same as DR5054-1 except...
Features:
- Heavy Duty
- 6-70A button diodes
- Bidirectional fins

15SI Series

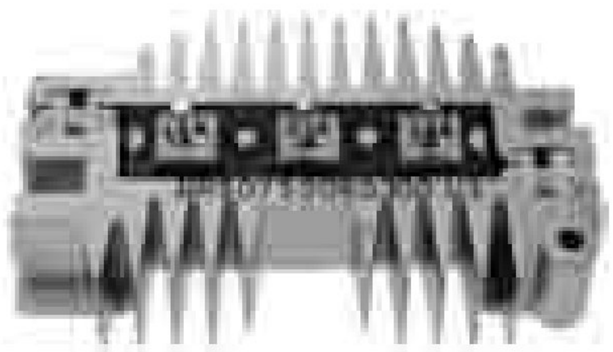


DR5070-1
(Ref# 31-104)
Rectifier

For: Delco 15SI Series 70A Negative Grd. IR/EF Alternators
Replaces: Delco 1975313, D3919
Features:
- 6-25A button diodes

DR5072
(Ref# 31-104-1)
Rectifier

Same as DR5070-1 except...
Features:
- Heavy Duty
- 6-50A button diodes



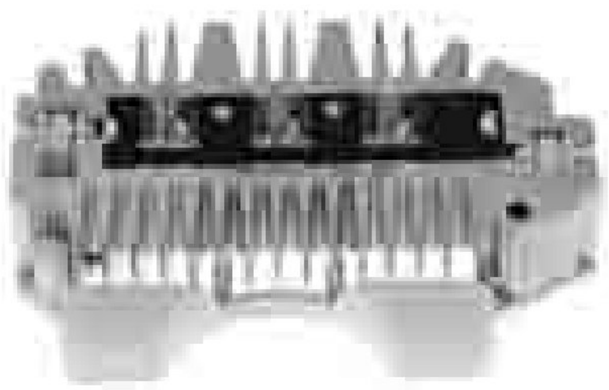
DR5075
(Ref# 31-125)
Rectifier

For: Delco 15SI Series 70A Positive Grd. IR/EF Alternators
Features:
- 6-50A button diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

DELCO

17SI Series



DR5170-1
(Ref# 31-105)
Rectifier

For: Delco 17SI Series 97-108A IR/EF Alternators
Replaces: Delco 1985801, D3985
Features:
- 9-25A button diodes (6-positive & 3-negative)

DR5172
(Ref# 31-105-1)
Rectifier

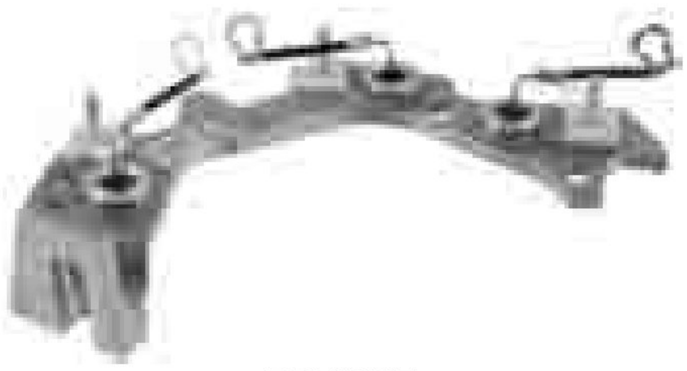
Same as DR5170-1 except...
Features:
- Heavy Duty
- 9-50A button diodes (6-positive & 3-negative)

25SI, 26SI Series



DR1670
(Ref# 31-108)
Rectifier - Positive

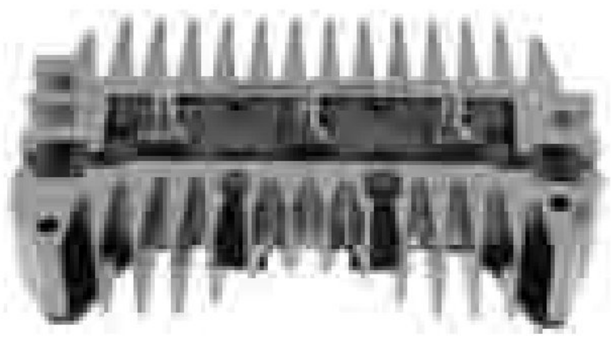
For: Delco 25SI, 26SI Series Negative Grd. IR/EF Alternators
Replaces: Delco 1851437, 1969132, 1971670
Note: Positive rectifier assembly for negative ground system. Red color wires.
Components:
31-1300 Insulators
46-1155 Terminal Posts
Features:
- 35A press-fit diodes



DR1867
(Ref# 31-107)
Rectifier - Negative

For: Delco 25SI Series Positive Grd. IR/EF Alternators
Replaces: Delco 1971867
Note: Negative rectifier assembly for positive ground system. Black color wires.
Features:
- 35A press-fit diodes

27SI Series



DR5080-1
(Ref# 31-109)
Rectifier - Neg. Grd.

For: Delco 27SI/Type 100, 200; 29SI, 30SI Series Negative Grd. IR/EF Alternators
Replaces: Delco 801816, 1875645, 1892914, D3983
Features:
- 6-25A button diodes

DR5082-2
(Ref# 31-109-1)
Rectifier - Neg. Grd.

Same as DR5080-1 except...
Features:
- Heavy Duty
- 6-50A button diodes

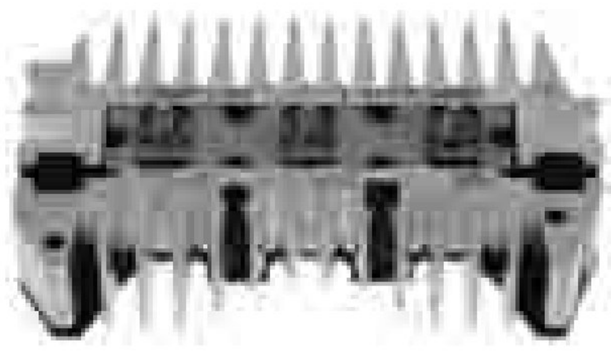
DR5082HD
(Ref# 31-109-2)
Rectifier - Neg. Grd.

Same as DR5082-2 except...
Note: Heavy duty, vibration protected version of DR5082-2.
Features:
- Heavy Duty
- 6-70A diodes
- Heat-staked for vibration protection



31-109-2
(Ref# DR5082)
Rectifier - Neg. Grd.

For: Delco 27SI/Type 100, 200; 29SI, 30SI Series Negative Grd. IR/EF Alternators
Replaces: Delco 801816, 1875645, 1892914, D3983
Features:
- 6-50A button diodes
- Epoxy vibration protection
- Ideal for Detroit Diesel applications



DR5085
(Ref# 31-110)
Rectifier - Pos. Grd.

For: Delco 27SI/Type 200, 30SI Series Positive Grd. IR/EF Alternators
Replaces: Delco 1852744, 1875812
Features:
- 6-50A button diode

AD230, AD237, AD244 Series

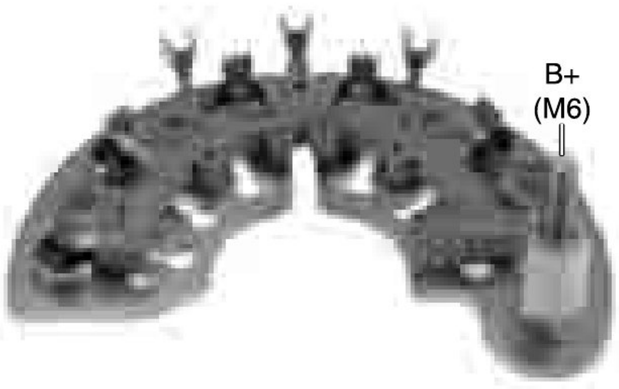


DR4400-1
(Ref# 31-135)
Rectifier

For: Delco AD230 Series 105A IR/IF Alternators
Replaces: Delco 10494744
Unit Nos: Delco 10480229, 10480241, 10480271, 10480326, 10480388, 10480411, 10480479, 10480497, 15087020, 15087021, 15087023, 15755616, 15768829, 15769252, 25744164
Lester Nos: 8238, 8245, 8247, 8273, 8285, 8291
Dim: M6 x 1.0 Batt. Term.
Note: For version w/ M8 Battery Terminal use DR4401.
For later style version w/ M6 Battery Terminal & Threaded Collar use DR4402.
Features:
- 40A press-fit avalanche diodes
- Crimp-weld diode terminations
- Improved lead frame conductors
- Improved B+ post integrity

DR4400HD-1
(Ref# 31-134)
Rectifier

Same as DR4400-1 except...
Features:
- Heavy Duty
- 50A press-fit avalanche diodes



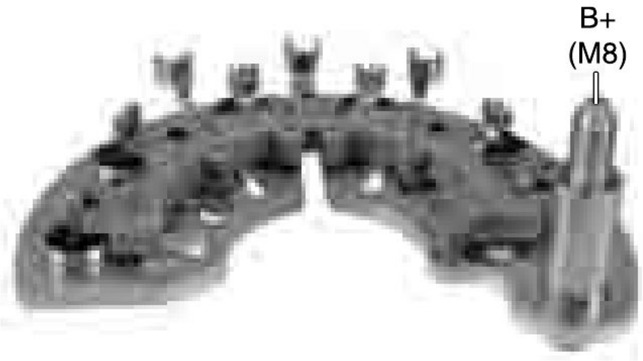
DR4402
Rectifier

For: Delco AD230 Series 105A IR/IF Alternators
Replaces: Delco 10494744
Unit Nos: Delco 10480229, 10480241, 10480271, 10480326, 10480388, 10480411, 10480479, 15087020, 15087021, 15087023, 15755616, 15768829, 15769252, 25744164
Lester Nos: 8238, 8245, 8247, 8273, 8285, 8291, 8490, 8491
Dim: M6 x 1.0 Batt. Term.
Note: For version w/ M8 Battery Terminal use DR4403
(cont'd.)

(cont'd.)
Features:
- 40A press-fit avalanche diodes
- Crimp-weld diode terminations
- M6 battery terminal has unique screw-down collar to accept early & late design regulators

DR4402HD
Rectifier

Same as DR4402 except...
Features:
- Heavy Duty
- 50A press-fit avalanche diodes

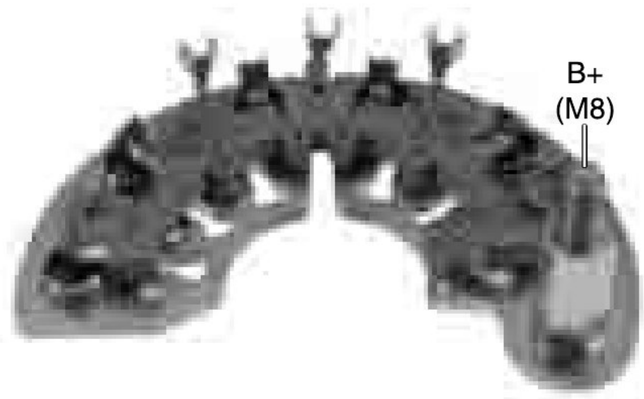


DR4401
(Ref# 31-137)
Rectifier

For: Delco AD230 Series 105A IR/IF Alternators
Replaces: Delco 19055072
Unit Nos: Delco 10333165, 10333166, 10442782, 10442783
Lester Nos: 8287, 8288, 8289
Dim: M8 x 1.25 Batt. Term.
Note: For version w/ M6 Battery Terminal use DR4400-1.
For later style version w/ M8 Battery Terminal & Threaded Collar use DR4403.
Features:
- 40A press-fit avalanche diodes
- Crimp-weld diode terminations
- Improved lead frame conductors
- Improved B+ post integrity

DR4401HD
Rectifier

Same as DR4401 except...
Features:
- Heavy Duty
- 50A press-fit avalanche diodes



DR4403
Rectifier

For: Delco AD230 Series 105A IR/IF Alternators
Replaces: Delco 19055072
Unit Nos: Delco 10333165, 10333166, 10442782, 10442783
Lester Nos: 8287, 8288, 8289
Dim: M8 x 1.25 Batt. Term.
Note: For version w/ M6 Battery Terminal use DR4402
Features:
- 40A press-fit avalanche diodes
- Crimp-weld diode terminations
- M8 battery terminal has unique screw-down collar to accept early & late design regulators

DR4403HD
Rectifier

Same as DR4403 except...
Features:
- Heavy Duty
- 50A press-fit avalanche diodes

CS121, CS130 Series



DR4000
(Ref# 31-136)
Rectifier

For: Delco CS121, CS130 Series IR/EF Alternators
Replaces: Delco 1989658, 10456401, 10457236, 10457690, 10470730, 10472597, 10480569, D3991
Features:
- Premium
- 40A press-fit avalanche diodes, OE validated
- Welded diode terminations
- Hi-temperature lead frame
- Patented “Ram-Air” aluminum heat sink

ALTERNATOR - RECTIFIERS (TRANSPO)

DELCO

CS121, CS130 Series (cont'd.)

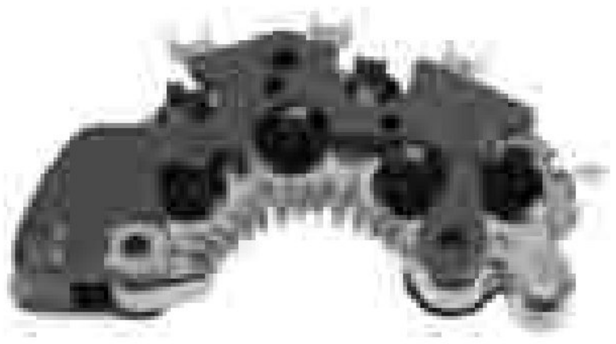
DR4000HD
(Ref# 31-136-HD)
Heavy Duty Rectifier

Same as DR4000 except...
Features:
- Heavy Duty
- 50A press-fit avalanche diodes, OE validated

DR4002
(Ref# 31-136-2)
Rectifier

Same as DR4000 except...
Features:
- Best Value
- 40A press-fit avalanche diodes, OE validated
- Welded diode terminations
- Hi-temperature lead frame

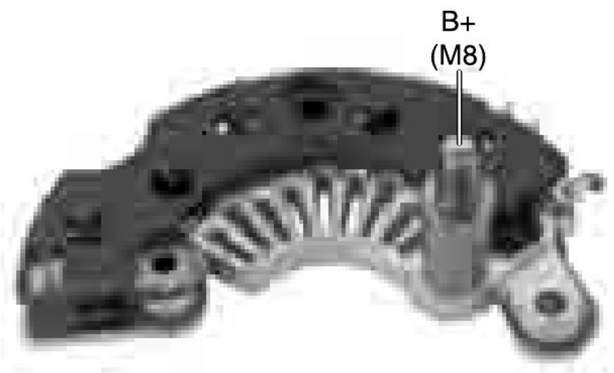
CS121D Series



DR1200
(Ref# 31-123)
Rectifier

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Replaces: Delco 10492300
Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232
Features:
- 40A press-fit avalanche diodes
- Welded diode terminations
- Hi-temperature lead frame

CS130D Series



DR4200
(Ref# 31-133-1)
Rectifier

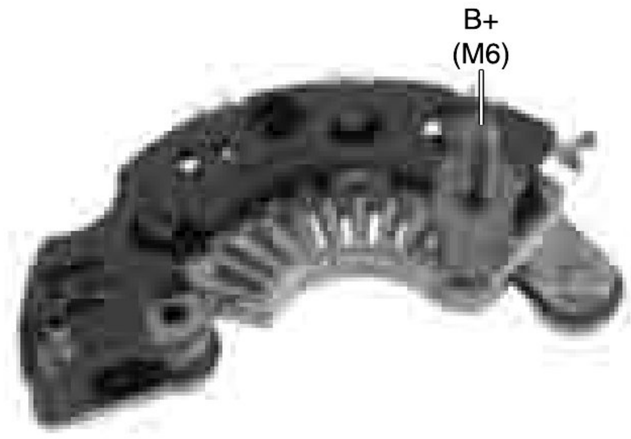
For: Delco CS130D Series IR/IF Alternators
Used On: (2005-93) Acura, Buick, Chevrolet, GMC, Honda, Oldsmobile, Pontiac
Replaces: Delco 10475757, 10475758, 10492837
Dim: M8 x 1.25 Batt. Term.
Features:
- Premium
- 40A press-fit avalanche diodes, OE validated
- Welded diode terminations
- Hi-temperature lead frame
- Patented “Ram-Air” aluminum heat sink
- Includes battery terminal

DR4200HD
(Ref# 31-133-HD)
Rectifier
Heavy Duty

Same as DR4200 except...
Features:
- Heavy Duty
- 50A press-fit avalanche diodes, OE validated

DR4202
(Ref# 31-133-2)
Rectifier

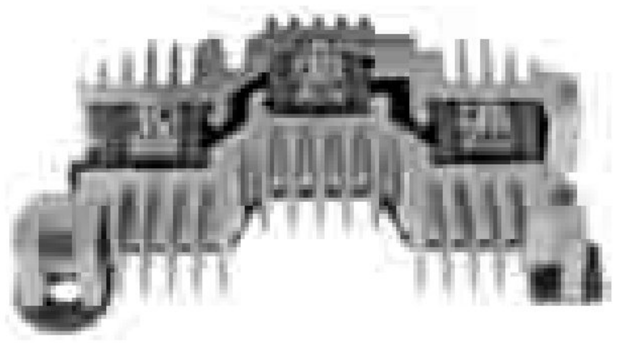
Same as DR4200 except...
Features:
- Best Value
- 40A press-fit avalanche diodes, OE validated
- Welded diode terminations
- Hi-temperature lead frame
- Includes battery terminal



DR4220
(Ref# 31-122)
Rectifier

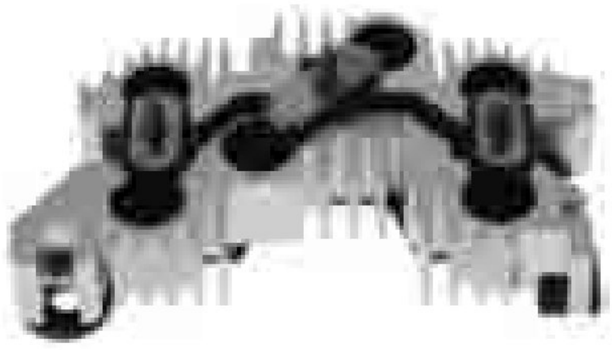
For: Delco CS130D Series IR/IF Alternators
Used On: (2002-97) Acura, Honda
Replaces: (case stamped 758)
Unit Nos: Delco 10480228; Honda 31100-P8A-A01, -A02; 31100-P8C-A01, -A02
Lester Nos: 8220
Dim: M6 x 1.0 Batt. Term.
Features:
- 40A press-fit avalanche diodes, OE validated
- Patent ram-air aluminum heat sink
- Welded diode terminations
- Heavy duty stator terminals
- Hi-temperature lead frame

CS144 (Early), 21SI, 22SI Series



DR5173-1
(Ref# 31-106)
Rectifier

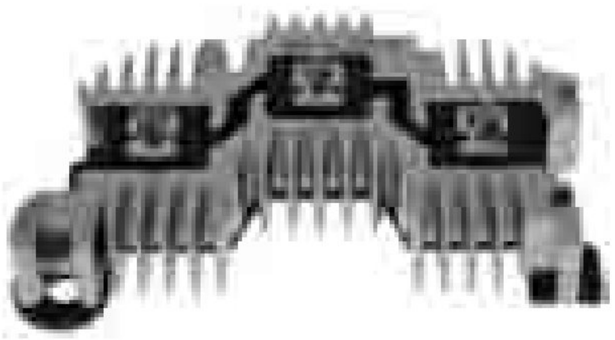
For: Delco 17SI Series 120A; 21SI, 22SI, 23SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1988976, D3987
Note: For version w/ 3-avalanche diodes use DR5175.
For version w/ 6-avalanche diodes use DR5174.
Features:
- 6-jumbo button diodes (non-avalanche)
- Wide-fin heat sinks



DR5173PF
Rectifier

Same as DR5173-1 except...

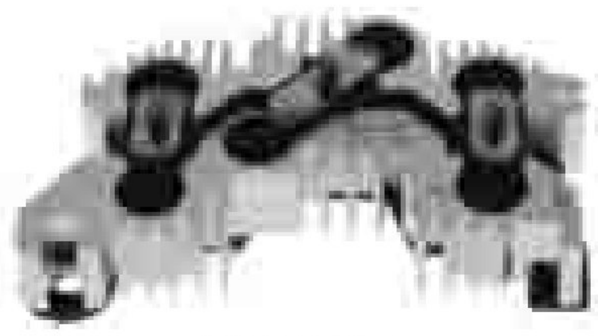
Features:
- Heavy Duty
- 6-50A press-fit diodes (non-avalanche)
- Crimp-weld diode connections
- Heavy copper conductors
- Wide-fin heat sinks



DR5174-1
(Ref# 31-119)
Rectifier

For: Delco 21SI, 22SI, 23SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 10469265, D3929
Note: DR5174 can be used to replace DR5175 (31-114) w/ 3-avalanche diodes. For version wo/ avalanche diodes use DR5173-1 (31-106).

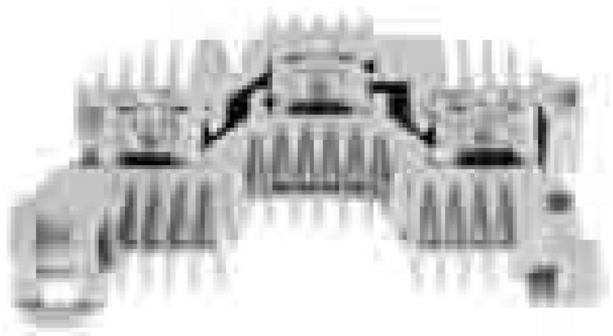
Features:
- 6-button avalanche diodes
- Wide-fin heat sinks



DR5174PF
Rectifier

Same as DR5174-1 except...

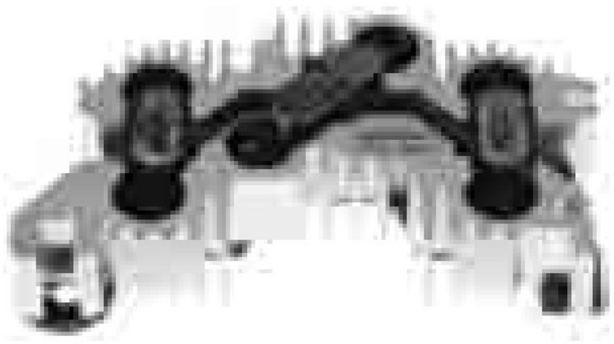
Features:
- Heavy Duty
- 6-50A press-fit avalanche diodes
- Crimp-weld diode connections
- Heavy copper conductors
- Wide-fin heat sinks



DR5175
(Ref# 31-114)
Rectifier

For: Delco 21SI, CS144 Series IR/EF Alternators
Replaces: Delco 1989774, 10471170, D3931
Note: For version w/ 6-avalanche diodes use DR5174 (31-119).
For version wo/ avalanche diodes use DR5173-1 (31-106).

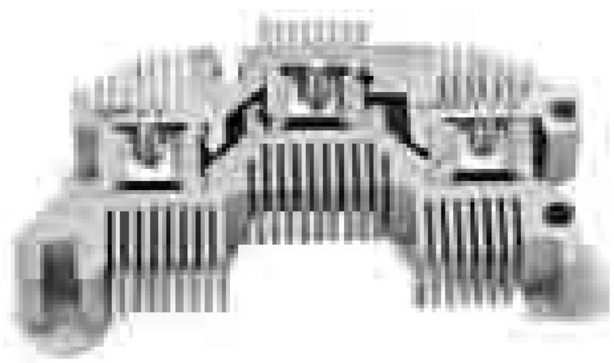
Features:
- 3-Positive jumbo button diodes
- 3-Negative jumbo button avalanche diodes
- Wide-fin heat sinks



DR5175PF
Rectifier

Same as DR5175 except...

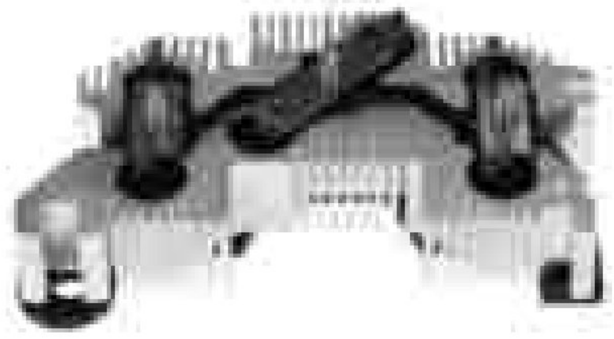
Features:
- Heavy Duty
- 3-50A positive press-fit diodes
- 3-50A negative press-fit avalanche diodes
- Crimp-weld diode connections
- Heavy copper conductors
- Wide-fin heat sinks



DR5176
(Ref# 31-115)
Rectifier

For: Delco 17SI Series 120A; 21SI, CS144 Series IR/EF Alternators
Replaces: Delco 10467052, D3990
Note: For version w/ 6-avalanche diodes use DR5177 (31-116).

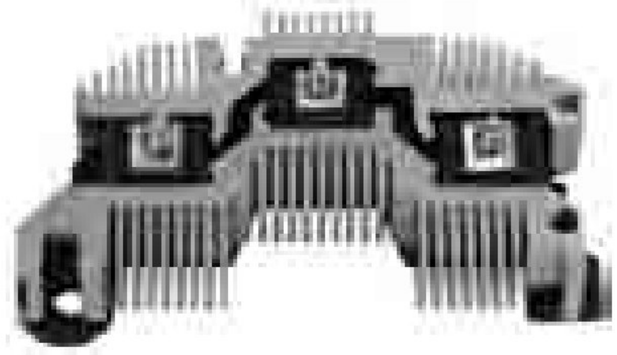
Features:
- 3-Positive jumbo button diodes
- 3-Negative jumbo button avalanche diodes
- Saw-fin heat sinks



DR5176PF
Rectifier

Same as DR5176 except...

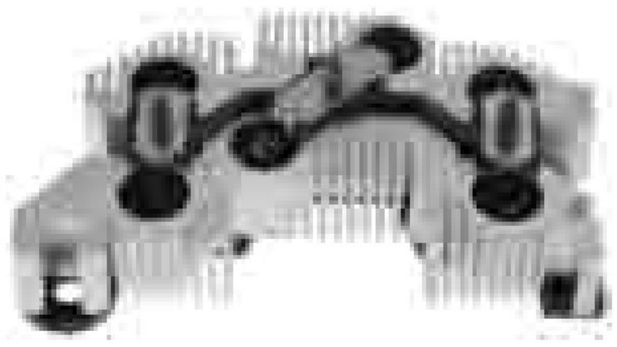
Features:
- Heavy Duty
- 3-50A positive press-fit diodes
- 3-50A negative press-fit avalanche diodes
- Crimp-weld diode connections
- Heavy copper conductors
- Saw-fin heat sinks



DR5177
(Ref# 31-116)
Rectifier

For: Delco 21SI, 22SI, 23SI, CS144 Series IR/EF Alternators
Replaces: Delco 10470609, D3992
Note: DR5177 can be used to replace DR5176 (31-115) w/ 3-avalanche diodes

Features:
- 6-jumbo button avalanche diodes
- Saw-fin heat sinks



DR5177PF
Rectifier

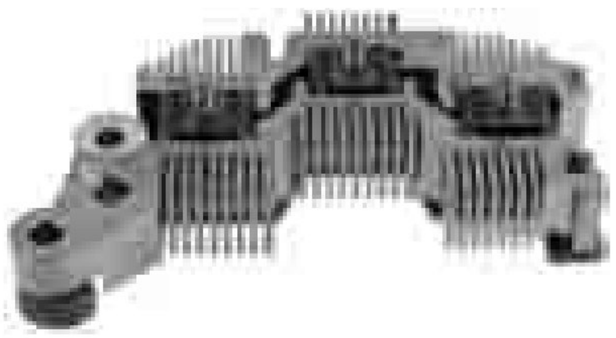
Same as DR5177 except...

Features:
- Heavy Duty
- 6-50A press-fit avalanche diodes
- Crimp-weld diode connections
- Heavy copper conductors
- Saw-fin heat sinks

ALTERNATOR - RECTIFIERS (TRANSPO)

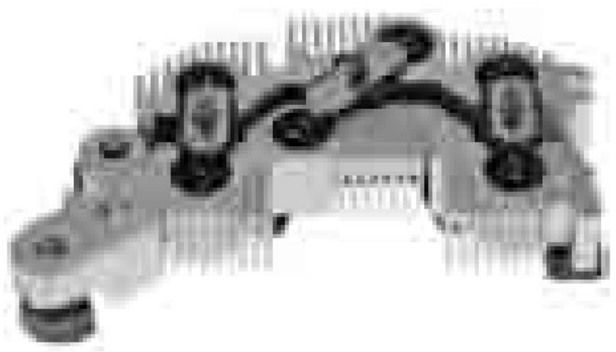
DELCO

CS144 (Late, 140 Amp)



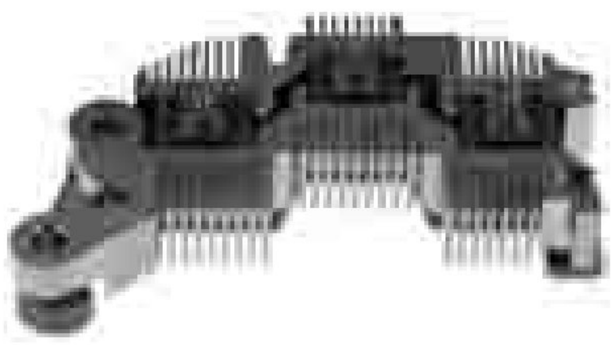
DR5178
(Ref# 31-118)
Rectifier

For: Delco CS144 Series 140A IR/EF Alternators
Used On: (1997-93) Cadillac w/ Heated Windshield Option
Replaces: Delco 10475800
Unit Nos: Delco 10479996
Lester Nos: 8170
Note: With 1-recessed mtg. hole.
For version wo/ recessed mtg. hole use DR5179 (31-117).
Features:
- 6-jumbo button avalanche diodes
- Recessed mounting hole



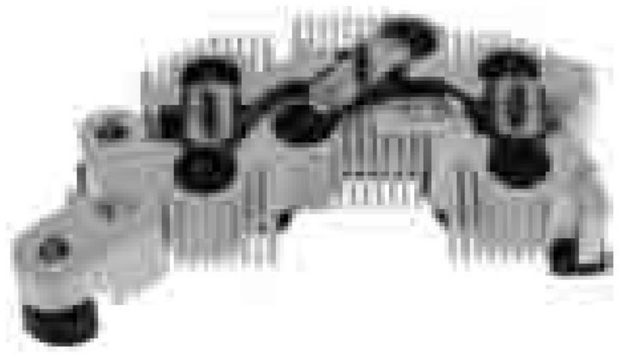
DR5178PF
Rectifier

Same as DR5178 except...
Features:
- Heavy Duty
- 6-50A press-fit avalanche diodes
- Crimp-weld diode connections
- Heavy copper conductors
- Recessed mounting hole



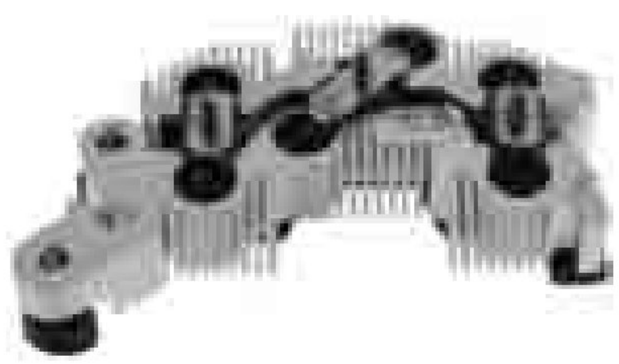
DR5179
(Ref# 31-117)
Rectifier

For: Delco CS144 Series 124-140A IR/EF Alternators
Replaces: Delco 10472095
Note: Used w/ 22-133, 22-134, 22-142 S.R.E. frames.
For version w/ recessed Mtg. hole use DR5178.
Features:
- 6-jumbo button avalanche diodes



DR5179PF
Rectifier

Same as DR5179 except...
Features:
- Heavy Duty
- 6-50A press-fit avalanche diodes
- Crimp-weld diode connections
- Heavy copper conductors



DR5180PF
Rectifier

For: Delco CS144 Series Hi-Output 200A Conversion Alternators
Note: For version w/ press-fit avalanche diodes use DR5179PF.
Features:
- 6-60A press-fit diodes (non-avalanche)
- Field proven in 200A applications
- Crimp-weld diode connections
- Heavy copper conductors

DELCO (NON-USA)

European CS130D



DER2000-1
(Ref# 31-131)
Rectifier

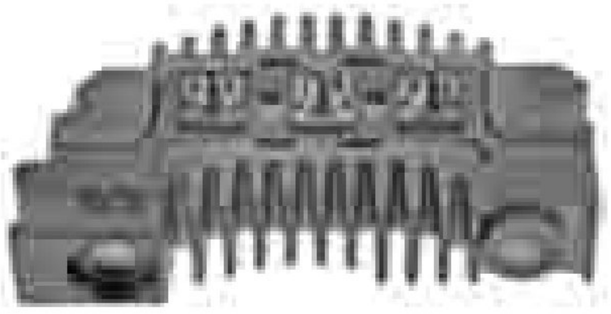
For: Delco European CS130D Series IR/IF Alternators
Used On: (2001-98) Isuzu
Replaces: Delco 10475034, Opel 1205464
Unit Nos: Delco 3493814, 3493823, 3493847, 3493947, 3493955, 10479914, 10479923, 10479947, 10479955, 6204000, 6204003, 6204004, 6204005; Isuzu 8-10479-923-0; Opel 6204002, 6204006, 6204007, 6204008
Lester Nos: 8239
Dim: M8 x 1.25 Batt. Term.
Note: With diode trio.
Features:
- 6-40A press-fit avalanche diodes
- 3A trio assembly
- Aluminum positive heat sink
- Copper negative heat sink



DER2010
Rectifier

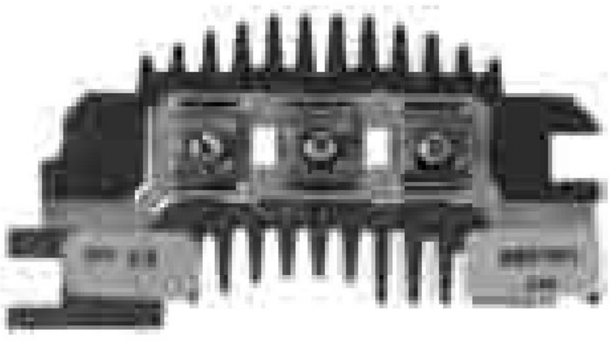
For: Delco European CS130D Series IR/IF Alternators
Used On: Opel (Europe)
Replaces: Delco 10493596, 3472020, 3472820, 3478687; Opel 6205432
Unit Nos: GM 90543910; Opel 6204072
Dim: M8 x 1.25 Batt. Term.
Note: Without diode trio.
Features:
- 6-40A press-fit avalanche diodes
- Aluminum positive heat sink
- Copper negative heat sink
- Welded diode terminations
- Hi-temperature lead frame

European SI



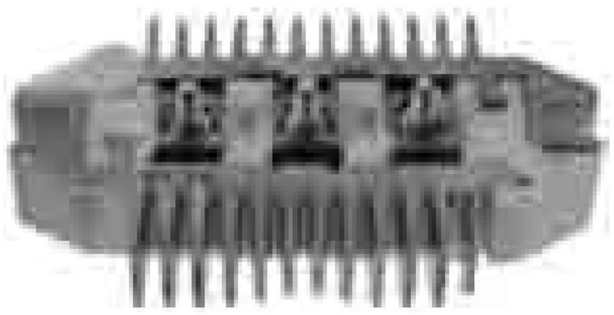
DER1000-1
(Ref# 31-128)
Rectifier

For: Delco European Alternators
Used On: Austin, Bedford, Leyland, Opel, Vauxhall with Delco Machine Sensing Systems
Replaces: Delco 3472311, 7982716, 7982718; Opel 1205404
Unit Nos: Delco 3472002, 3472018, 3472023, 3472024, 3472025, 3472026, 3472027, 3472028, 3472032, 3472033, 3472037, 3472038, 3472042, 3472048, 3472049, 3472050, 3472051, 3472052, 3472053
Features:
- 6-25A button diode
- Hi-temperature lead frame



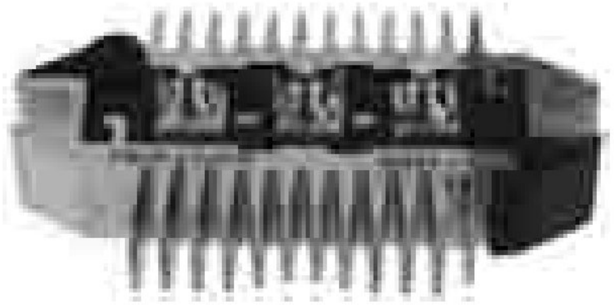
DER1001
(Ref# 31-127)
Rectifier

For: Delco European Alternators
Used On: Bedford, Ford, Leyland, Vauxhall
Replaces: Delco 7982623, 7982659, 7982756, 7982772, 7982888
Note: With three bolt and two tab terminals
Features:
- 6-25A button diodes
- OE-style lead frame



DER1003
(Ref# 31-130)
Rectifier

For: Delco European Alternators
Used On: Opel, Vauxhall
Replaces: Delco 3472813, 3493714, 3493721, 6065301; Opel 1205409
Note: With white lead frame. For version w/ black lead frame use DER1004.
Features:
- 6-25A button diodes



DER1004
(Ref# 31-129)
Rectifier

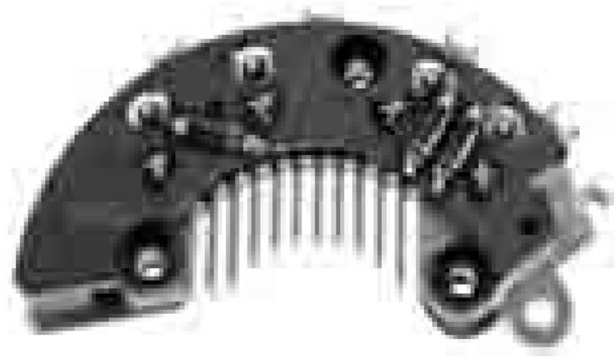
For: Delco European Alternators
Used On: Opel, Vauxhall
Replaces: Delco 3493008, 3493417, 3493716, 3493717; Opel 1205454
Note: With black lead frame. For version w/ white lead frame use DER1003.
Features:
- 6-50A button diodes

DELCO KOREA - DAEWOO



DR5165
Rectifier

For: Delco Korea / Daewoo 60A/24V IR/EF Alternators
Used On: Samsung Loaders, Caterpillar, Daewoo (South America, Asia)
Replaces: Daewoo 589714, Delco 10475039
Unit Nos: Daewoo 219072, 219081; Samsung 1022-03500, 1022-03510
Note: With diode trio
Features:
- 25A diodes



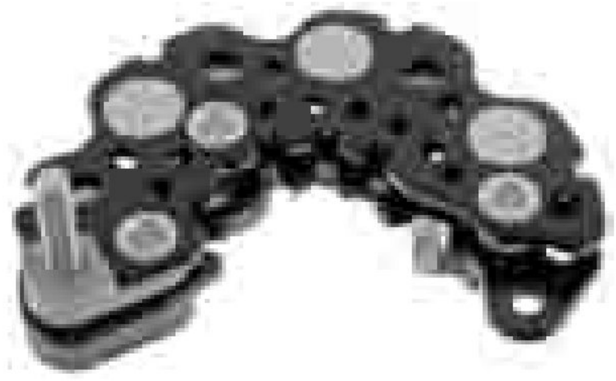
DR5166
Rectifier

For: Delco Korea / Daewoo IR/IF Alternators
Used On: Daewoo
Replaces: Daewoo 267000, 276000
Unit Nos: Daewoo 96224431, 96224432
Note: With diode trio
Features:
- 35A diodes
- Extra mounting hole



DR6871
Rectifier

For: Delco Korea / Daewoo 11SI Series 105A IR/IF Alternators
Used On: (2001-99) Daewoo
Unit Nos: Daewoo 96206871
Lester Nos: 8281
Note: With heavy duty diode trio.
Features:
- 6-50A press-fit avalanche diodes



DR9410
Rectifier

For: Delco Korea / Daewoo 7SI Series 65A IR/IF Alternators
Used On: Mercury Marine
Unit Nos: Daewoo 219232; Delco 19020601, 19020612; Mercury Marine 862031, 862031T, 863077T
Lester Nos: 8460, 8461
Note: With heavy duty diode trio
Features:
- 6-50A press-fit avalanche diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

DELCO KOREA - DAEWOO (cont'd.)



DR9411
Rectifier

For: Delco Korea / Daewoo 7SI Series 70A IR/IF Alternators
Used On: Crusader Marine, Hyster, Indmar Marine, Mercury Marine, Pleasurecraft Marine
Unit Nos: Delco 19020604, 19020608, 19020609, 19020614, 19020615; Mercury Marine 862030T
Lester Nos: 8460, 8465, 8466
Note: With heavy duty diode trio. With P-terminal.
Features:
• 6-50A press-fit avalanche diodes

FEMSA



IXR546
(Ref# 31-9301)
Rectifier

For: Femsa Alternators
Used On: (1977-70) Fiat
Replaces: Bosch 9-121-337-324; Femsa 25945-9; Fiat 4262908, 4474546, 4474847
Unit Nos: Bosch 9-120-331-802, -805, -806, -814, -819, -820; Femsa ALS12N14, 55; ALS24N5, 20; ALS24NX2, 6, 19; Fiat 4222697, 4376376, 4474724, 4474904
Lester Nos: 13075, 13136, 14045
Dim: 105mm OD
Note: With diode trio.
Features:
• 6-25A diodes



IXR547
Rectifier

For: Femsa Alternators
Used On: Fiat
Replaces: Bosch 9-121-337- 319, Femsa 25945-1
Unit Nos: Bosch 9-120-330-288, -289; Femsa ALB40N88, ALB40N89; Fiat 4474726, 4475036
Lester Nos: 13075, 13136, 14045
Dim: 105mm OD
Note: With diode trio.
Features:
• 6-25A diodes



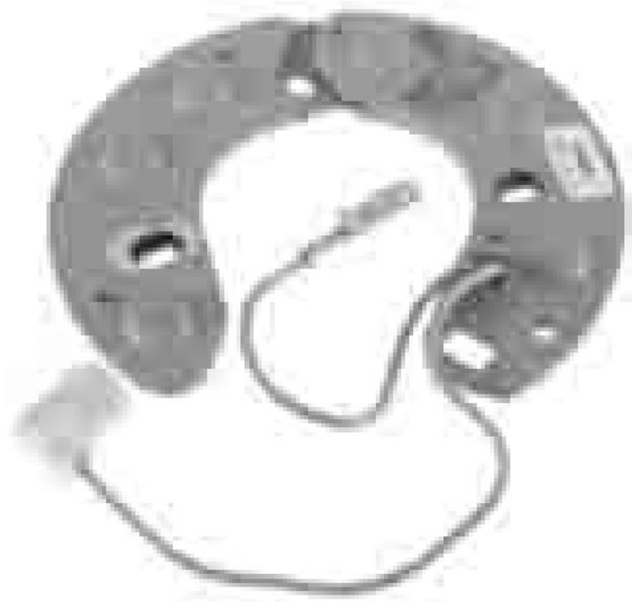
IXR548
(Ref# 31-9342)
Rectifier

For: Femsa Alternators
Used On: Fiat
Replaces: Bosch 9-121-337-319, -320, -322, -323, -326, -327, -337; Femsa 25945-2, -4, -8, -12, -13
Unit Nos: Bosch 9-120-330-288, -289; 9-120-331-802, -805, -806, -814, -819, -820, -847, -855; Femsa ALB40N-88, -89; ALS12N-14, -47, -55; ALS24N-5, -20; ALS24NX-2, -6, -19
Dim: 105mm OD
Note: With diode trio.
Features:
• 6-25A diodes



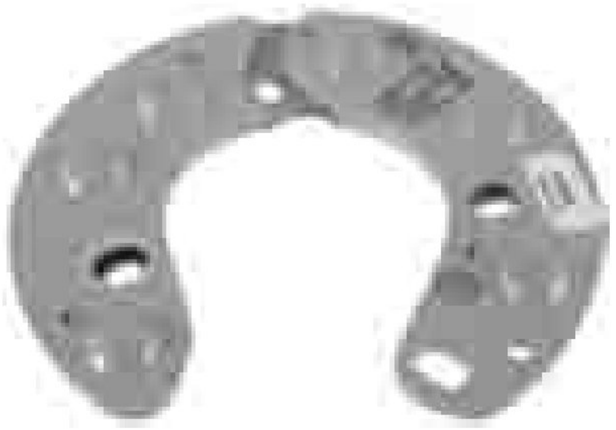
IXR549
(Ref# 31-9341)
Rectifier

For: Femsa Alternators
Used On: Fiat
Replaces: Bosch 9-121-337-321, -325, -330, -332, -333, -334, -335, -355; Femsa 25945-10, -17, -20, -21, -25, -27
Unit Nos: Bosch 9-120-331-853, -854, -863, -864, -872; Femsa ALP12NR19; ALS12N53, 54, 63, 64, 72; ALT12N38
Dim: 105mm OD
Note: With diode trio.
Features:
• 6-diodes, 25 amp



IXR695
Rectifier

For: Femsa Alternators
Used On: Lada
Replaces: Lada 21083701314, 21083701315
Unit Nos: Lada 21013701005, 37370114V55AAL3
Dim: 105mm OD
Note: With diode trio.
Features:
• 6-25A diodes

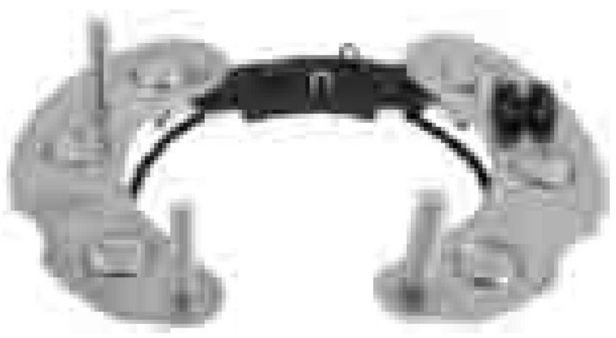


IXR696
Rectifier

For: Femsa Alternators
Used On: Lada
Replaces: Bosch 9-121-337-337; Femsa 28466-6
Unit Nos: Bosch 9-120-330-227, -292, -502, -505, -506, -522, -533; 9-120-335-217;
Femsa ALB12117, ALB30X92, ALB4077, ALE242, ALE245, ALE246, ALE2422, ALE2423;
Lada 21013701314
Dim: 105mm OD
Note: With diode trio.
Features:
- 6-25A diodes

FORD

1G Series, 40-65 Amp

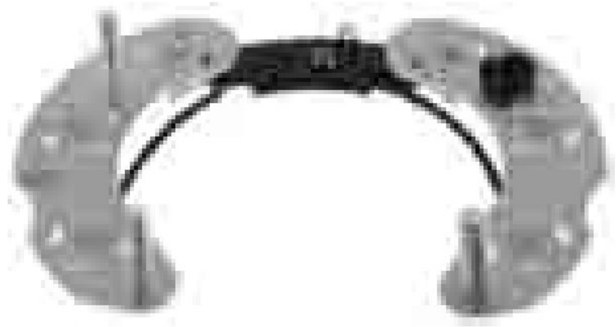


FR1040-1
(Ref# 31-200-6)
Rectifier

For: Ford 1G Series 40-65A ER/EF Alternators
Replaces: Ford D6AZ-10304-A, D9VY-10304-A, GY-1306-A, GY-1327
Dim: 10-32 Grd. Term.
1/4-28 Batt. Term.
Features:
- Wire Form
- 35A press-fit diodes
- Aluminum heat sink

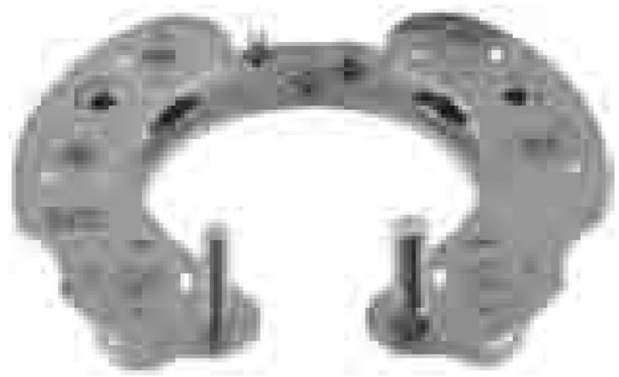
FR1046-1
(Ref# 31-200-13)
Rectifier

Same as FR1040-1 except...
Features:
- 50A press-fit diodes



FR1070-1
(Ref# 31-200)
Rectifier

For: Ford 1G Series 40-65A ER/EF Alternators
Replaces: Ford D6AZ-10304-A, D9VY-10304-A, GY-1306-A, GY-1327
Dim: 10-32 Grd. Term.
1/4-28 Batt. Term.
Features:
- Wire Form
- 25A button diodes
- Aluminum heat sink w/ cooling slots
- Unique copper insert design



FR1080-1
(Ref# 31-200-2)
Rectifier

For: Ford 1G Series 40-65A ER/EF Alternators
Replaces: Ford D6AZ-10304-A, D9VY-10304-A, GY-1306-A, GY-1327
Dim: 10-32 Grd. Term.
1/4-28 Batt. Term.
Features:
- 25A button diodes
- Hi-temp circuit board
- Aluminum heat sink w/ cooling slots

FR1083
(Ref# 31-200-4)
Rectifier

Same as FR1080-1 except...
Features:
- 35A press-fit diodes

FR1085
(Ref# 31-200-5)
Rectifier

Same as FR1080-1 except...
Features:
- 50A press-fit diodes

1G Series, 70-100 Amp



FR1270-1
(Ref# 31-201)
Rectifier

For: Ford 1G Series 70A ER/EF Alternators
Replaces: Ford D2OZ-10304-A, F0TZ-10304-A; GY-1026, -A
Dim: 10-24 Grd. Term.
1/4-20 Batt. Term.
Components:
31-2600 Circuit Board
Features:
- 40A press-fit diodes
- Aluminum heat sinks
- OE-type hi-temp circuit board



FR1290-1
(Ref# 31-202)
Rectifier

For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford D4VY-10304-A, E2HF-10304-BA; E2HZ-10304-A, -B; E9DF-10304-AA, E9DZ-10304-A, F0HZ-10304-A; GY-1302-A, -B; GY-1345, -A; GY-1346
Dim: 10-24 Grd. Term.
1/4-20 Batt. Term.
Features:
- 50A press-fit diodes
- Copper heat sinks
- OE-type hi-temp circuit board

FR1292
(Ref# 31-202-7)
Rectifier

Same as FR1290-1 except...
Features:
- 70A press-fit diodes
- Copper heat sinks

ALTERNATOR - RECTIFIERS (TRANSPO)

FORD

1G Series, 70-100 Amp (cont'd.)



FR1292B
(Ref# 31-202-6)
Rectifier

Same as FR1292 except...
Note: Same as FR1292 except with threaded stator posts w/ nuts.
Features:
- 70A press-fit diodes
- Copper heat sinks
- OE-type hi-temp circuit board
- Threaded stator posts w/ nuts



FR1280
(Ref# 31-202-1)
Rectifier

For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford E9DZ-10304-A, F0HZ-10304-A, GY-1302-B, GY-1345-A
Dim: 10-24 Grd. Term.
1/4-20 Batt. Term.
Features:
- 50A diodes in star-shape heat sinks

1G Series, Truck 65-90 Amp



FR1262-1
(Ref# 31-204-1)
Rectifier

For: Ford 1G Series Truck 65-90A ER/EF Alternators
Replaces: Ford C9AZ-10304-A, D1AZ-10304-A, D1HZ-10304-A, D4HZ-10304-A, D4TZ-10304-A, GY-845, GY-921A, GY-935, GY-935A, GY-1303, GY-1304; Nippondenso 021580-0671, 021580-0940
Unit Nos: Ford C7AF-10346-A, -B; C7TZ-10346-B; C9AF-10346-A, -B; C9AZ-10346-B, D0AF-10346-B, D0AZ-10346-B; D1HF-10346-BA, -CA; D1HZ-10346-A, -C; D2HF-10346-BA; D2HZ-10346-A, -B; D4HF-10346-BA, D4HZ-10346-B, D4TF-10346-BA, D4TZ-10346-B; GL-93-A, -B, -C; GL-94-A, -B, -C; Nippondenso 021000-465, 021000-476
Lester Nos: 7058, 7068, 7069, 7080, 7637
Dim: Coarse-thread Terminals
Features:
- 50A diodes
- Star-shaped heat sinks

2G Series



FR192
(Ref# 31-203-3)
Rectifier

For: Ford 2G Series 40-65A IR/EF Alternators
Used On: (1991-84) Ford, Lincoln, Mercury
Replaces: Ford E43Z-10304-A, GY-1351
Lester Nos: 7084, 7088, 7716, 7731, 7735
Features:
- 25A diodes
- Copper heat sink
- Nickel plated brass terminals
- Hi-temp BBS receptacle
- Thermally conductive encapsulation



FR192PXD
(Ref# 31-206-HD)
Rectifier

Same as FR192 except...
Features:
- Premium Heavy Duty
- 40A press-fit diodes
- Crimp-weld diode terminations
- Excellent heat dissipation
- Superior, long-term reliability



FR192BBS
(Ref# 31-215)
Rectifier

Same as FR192 except...
Features:
- Custom design with integral BBS pigtail leads
- 40A press-fit diodes
- Crimp-weld diode terminations
- Excellent heat dissipation
- Superior, long-term reliability

ALTERNATOR - RECTIFIERS (TRANSPO)

3G Series



FR2013
(Ref# 31-207-1)
Rectifier

For: Ford 3G Series 75-95A IR/IF Alternators
Used On: (2005-91) Ford, Lincoln, Mazda, Mercury
Replaces: Ford F0CU-10A366-ACIP, F5AZ-10304-BA
Lester Nos: 7749, 7750, 7751, 7753, 7755, 7760, 7785, 7790, 7793, 7794
Dim: 133mm Heat Sink OD
Features:
- 40A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators

FR2013SP
(Ref# 31-207-HD)
Rectifier

Same as FR2013 except...
Features:
- Heavy duty for EMV, Police Car, Specialty Hi-Amp Applications
- 8-60A press-fit avalanche diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty conductor circuit
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators



FR2023
(Ref# 31-208-1)
Rectifier

For: Ford 3G Series 115-130A IR/IF Alternators
Used On: (2005-91) Ford, Lincoln, Mazda, Mercury
Replaces: Ford F0DU-10A366-DAIP, F5AZ-10304-AA
Lester Nos: 7752, 7756, 7764, 7765, 7768, 7769, 7770, 7771, 7774, 7775, 7776, 7777, 7778, 7784, 7789, 7791, 7792, 8267
Dim: 146mm Heat Sink OD
Features:
- 40A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators

FR2023SP
(Ref# 31-208-HD)
Rectifier

Same as FR2023 except...
Features:
- Heavy duty for EMV, Police Car, Specialty Hi-Amp Applications
- 8-60A press-fit avalanche diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty conductor circuit
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators

4G Series



FR300-1
(Ref# 31-210)
Rectifier

For: Ford 4G Series IR/IF Alternators
Unit Nos: Ford 1L2U-10300-AA, -AB; 1L2Z-10346-AB, 2F1U-10300-BA, 2F1Z-10346-BA; 3W1U-10300-AA, -AB; 3W1Z-10346-AA, 3W3U-10300-AA, 3W3Z-10346-AA, 5L8T-10300-KC, 5L8Z-10346-KA, F50U-10300-FC, F5DU-10300-DB; F5OU-10300-FA, -FB, GS; F5OY-10346-A, F60U-10300-AA, F60U-10300-AB, F60Y-10346-AA; F68U-10300-AD, -AF, -AS; F68Z-10346-AD; F6DU-10300-BB, -BC, -BD, -DB, -DC, -DD; F6DZ-10346-B, F6DZ-10346-D, F6LU-10300-CA, F6LU-10300-CB, F6LU-10300-CC, F6LU-10300-CD, F6LU-10346-A, F6LY-10346-A, F6OU-10300-AA, F6OY-10346-AA; F6ZU-10300-BB, -BC, -BE, -BF, -BG; F6ZZ-10346-B; F77U-10300-AB, -AC; F77Z-10346-AB, F78U-10300-AA, F78Z-10346-AA; F80U-10300-CA, -CB; F80Z-10346-CA; F8OU-10300-CA, -CC; F8OZ-10346-CA, XL2U-10300-AA, XL2Z-10346-AA; XL3U-10300-AA, -AB; XL3Z-10346-AA; XW7U-10300-AA, -AC; XW7U-10300-AD, XW7Z-10346-AA, YF1U-10300-EA, YF1Z-10346-E, YR3U-10300-AB, YR3Z-10346-AA
Lester Nos: 7773, 7780, 7781, 7786, 7787, 8251, 8269, 8313, 8314, 8403
Dim: 133 mm Dia.
Components:
22-213 S.R.E. Frame
31-211 Rectifier, Pos
31-2204 Heat Sink, Pos
32-1040920 Diode, Pos
32-1040921 Diode, Neg
Features:
- 8-50A press-fit diodes
- OE style lead frame

FR300SP
Rectifier

Same as FR300-1 except...
Features:
- Heavy Duty
- 8-60A press-fit avalanche diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

FORD

4G Series (cont'd.)



FR3003
Rectifier
For: Ford 4G Series IR/IF Alternators
Unit Nos: Ford 1L2U-10300-AA, -AB; 1L2Z-10346-AB, 2F1U-10300-BA, 2F1Z-10346-BA; 3W1U-10300-AA, -AB; 3W1Z-10346-AA, 3W3U-10300-AA, 3W3Z-10346-AA, 5L8T-10300-KC, 5L8Z-10346-KA, F50U-10300-FC, F5DU-10300-DB; F5OU-10300-FA, -FB, GS; F5OY-10346-A, F60U-10300-AA, F60U-10300-AB, F60Y-10346-AA; F68U-10300-AD, -AF, -AS; F68Z-10346-AD; F6DU-10300-BB, -BC, -BD, -DB, -DC, -DD; F6DZ-10346-B, F6DZ-10346-D, F6LU-10300-CA, F6LU-10300-CB, F6LU-10300-CC, F6LU-10300-CD, F6LU-10346-A, F6LY-10346-A, F6OU-10300-AA, F6OY-10346-AA; F6ZU-10300-BB, -BC, -BE, -BF, -BG; F6ZZ-10346-B; F77U-10300-AB, -AC; F77Z-10346-AB, F78U-10300-AA, F78Z-10346-AA; F80U-10300-CA, -CB; F80Z-10346-CA; F8OU-10300-CA, -CC; F8OZ-10346-CA, XL2U-10300-AA, XL2Z-10346-AA; XL3U-10300-AA, -AB; XL3Z-10346-AA; XW7U-10300-AA, -AC; XW7U-10300-AD, XW7Z-10346-AA, YF1U-10300-EA, YF1Z-10346-E, YR3U-10300-AB, YR3Z-10346-AA
Lester Nos: 7773, 7780, 7781, 7786, 7787, 8251, 8269, 8313, 8314, 8403
Dim: 133 mm Dia.
Features:
- 50A/300V press-fit diodes, OE validated
- Crimp-weld diode stem terminations
- Drop-down stator lead terminal for improved stator-wire attachment
- Improved B+ post integrity - knurled stud pressed into redesigned conductor

FR3003SP
Rectifier
Same as FR3003 except...
Features:
- Heavy Duty
- 8-60A press-fit avalanche diodes, OE validated
- Crimp-weld diode stem terminations
- Drop-down stator lead terminal for improved stator-wire attachment
- Improved B+ post integrity - knurled stud pressed into redesigned conductor

6G Series



FR6003
(Ref# 31-213-1)
Rectifier
For: Ford 6G Series 105A* IR/IF Alternators
Used On: (2005-99) Ford
Replaces: Ford F8WU-10A366-AAIP
Unit Nos: Ford 1S41-10300-BB, 3C3Z-10346-DA, 4C3Z-10346-AA, 98AB-10300-FC, 98AZ-10346-FA; F81U-10300-BA, -BC, -CC, -CD, -DB, -DC, -DD, -EB, -GA; F81Z-10346-BA, -CA, -DA, -EA, -GA; XF2U-10300-AB, XF2Z-10346-AA; XR3U-10300-AA, -AB, -AC; XR3Z-10346-AA, ZR3U-10300-AB
Lester Nos: 7788, 7796, 7797, 7798, 7799, 8252, 8261, 8262
Dim: 136mm Heat Sink OD
Note: Similar to FR6013 except location of thru-bolt holes in relation to battery terminal.
*FR6003 is the early design 8-diode rectifier for 6G stators with 2-leads/phase and Y-connection.
Features:
- 40A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators

FR6003SP
(Ref# 31-213-HD)
Rectifier
Same as FR6003 except...
Features:
- Heavy duty for EMV, Police Car, Specialty Hi-Amp Applications
- 6-50A press-fit avalanche diodes, OE validated
- 2-40A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators



FR6013
(Ref# 31-216-1)
Rectifier
For: Ford 6G Series 105-110A* IR/IF Alternators
Used On: (2004-98) Ford, Mercury
Replaces: Ford F8RU-10A366-CAIP
Unit Nos: Ford 98AB-10300-EB, 98AZ-10346-EA, 98BB-10300-CC, A8ZU-10300-AC, F8RZ-10346-CC, XS8Z-10346-BB; XS91-10300-BB, -BC
Lester Nos: 8250, 8260
Dim: 136mm Heat Sink OD
Note: Similar to FR6003 except location of thru-bolt holes in relation to battery terminal.
*FR6013 is the early design 8-diode rectifier for 6G stators with 2-leads/phase and Y-connection.
Features:
- 40A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators



FR6023
(Ref# 31-212-1)
Rectifier
For: Ford 6G Series 130-135A* IR/IF Alternators
Used On: (2005-98) Ford, Lincoln, Mercury
Replaces: Ford F8AU-10A366-AAIP
Unit Nos: Ford 3W1U-10300-BB, 3W1Z-10346-BA; F8AU-10300-AB, -AC, -AD; F8AZ-10346-AB, F8ZU-10300-AC; XF2U-10300-BC, -BD; XF2Z-10346-BA
Lester Nos: 7795, 8253, 8315
Dim: 149mm Heat Sink OD
Note: *FR6023 is the early design 8-diode rectifier for 6G stators with 2-leads/phase and Y-connection.
(cont'd.)

(cont'd.)
Features:
- 50A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators

FR6023SP
(Ref# 31-212-HD)
Rectifier

Same as FR6023 except...
Features:
- Heavy duty for EMV, Police Car, Specialty Hi-Amp Applications
- 6-50A press-fit avalanche diodes, OE validated
- 2-40A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators



FR6033
Rectifier

For: Ford 6G Series 105-110A* IR/IF Alternators
Used On: (2003-02) Ford
Unit Nos: Ford 2C3U-10300-AA, -AB, -BB, -CB; 2C3Z-10346-AA, -BA, -CA; 2L7U-10300-BA, 2L7Z-10346-BA,
Lester Nos: 8316, 8317
Dim: 136mm Heat Sink OD
Note: *FR6033 is the 8-diode rectifier for 6G stators with 2-leads/phase and Y-connection.
Features:
- 6-50A press-fit avalanche diodes, OE validated
- 2-40A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators



FR6073
(Ref# 31-218-1)
Rectifier

For: Ford 6G Series 105-110A* IR/IF Alternators
Used On: (2005-00) Ford, Lincoln, Mazda, Mercury
Unit Nos: Ford 1L8U-10300-CD, -CE; 1L8Z-10346-CB; 1R3U-10300-AA, -AD; 1R3Z-10346-A, 2F1U-10300-DA, 2F1Z-10346-DA, WR2A-10300-AC, XS8Z-10346-AA, XS91-10300-AE; XW4U-10300-BA, -BB; XW4Z-10346-AA, -BA; YF1U-10300-FA, YF1Z-10346-FA
Lester Nos: 8254, 8256, 8259, 8263, 8266, 8268
Dim: 136mm Heat Sink OD
Note: *FR6073 is the later design 6-diode rectifier for 6G stators with 1-lead/phase and delta connection.
Features:
- 50A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators
- Heavy duty 3.3mf capacitor



FR6083
(Ref# 31-219-1)
Rectifier

For: Ford 6G Series 110A* IR/IF Alternators
Used On: (2004-01) Ford Escape, Mazda Tribute 2.0L
Unit Nos: Ford 1L8U-10300-AB, -AC, 1L8Z-10346-AB
Lester Nos: 8260, 8264
Dim: 136mm Heat Sink OD
Note: *FR6083 is the later design 6-diode rectifier for 6G stators with 1-lead/phase and delta connection.
Features:
- 50A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators

(non-USA)



FR6100
Rectifier

For: Ford India Alternators
Unit Nos: Ford 3N21-10300-BB, CX1FA
Dim: M3 x 0.5 Auxiliary Term.
M6 x 1.0 B+ Term.
Features:
- 8-40A Diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

HITACHI

Button Diodes, External Fan



IHR1000-1
(Ref# 31-8100-3)
Rectifier

For: Hitachi 10-50A ER/EF Alternators
Used On: (1980-70) Chevrolet, Nissan, Subaru; Nissan Forklift
Replaces: Hitachi L125-6320, L125-8320, L140-6320, L140-7320, L140-9320, L160-13201; Iseki 658-1218-021-0; Isuzu 5-81218-001-0, -021-0, -022-0; 9-82231-619-0; Nissan 23230-H0300, -U0100; 23232-B8000, -E6601, -H6200, -N3300, -U0102; Subaru 31441-00808, 89534-6101, 89534-6111
Unit Nos: Hitachi LR135-30, -35, -73; LR150-05, -10, -21, -22, -23, -26; LT110-04, LT115-52; LT120-05, -21; LT125-06; LT130-72, -72B, -81, -89; LT135-13B, -17, -17B, -19B, -19C, -19E, -20, -22, -24B, -26, -30, -35, -35B, -35C, -38C, -54, -68, -73, -73B; LT150-03, -05, -05B, -10, -10B, -21, -22, -22B, -23, -23B, -26, -26B; LT160-20, -23, -23B, -23E, -32; LT210-01, LT215-27
Lester Nos: 12106, 14105, 14118, 14119, 14191, 14209, 14214, 14223, 14230, 14530, 14534
WAI Ref. Nos: 1-1094-01HI, 1-1103-01HI, 1-1103-01MI, 1-1111-01HI, 1-1524-01HI, 1-1566-01HI
Dim: M5 x 0.8 x 13mm Mtg. Post
Note: Without diode trio.
Similar to IHR1002-1 except IHR1002-1 w/ diode trio
Features:
• 6-25A button diodes

IHR1000HD-1
(Ref# 31-8100-2)
Rectifier

Same as IHR1000-1 except...
Features:
• Heavy Duty
• 6-50A button diodes



IHR1001-1
(Ref# 31-8103)
Rectifier

For: Hitachi 35-50A IR/EF Alternators
Used On: Nissan
Replaces: Hitachi L135N-13201, L150N-13202; Nissan 23230-B9800, 23230-P2501
Unit Nos: Hitachi LR135-36, -44, -51, -53; LR150-36, -51, -53, -58; Nissan 23100-B9800, -B9801, -H7700, -H7701, -P2506, -Q4500
Lester Nos: 14231, 14255, 14300, 14587
WAI Ref. Nos: 1-1109-01HI, 1-1112-01HI
Dim: M5 x 0.8 x 13mm Mtg. Post
Note: With diode trio.
Features:
• 6-25A button diodes



IHR1002-1
(Ref# 31-8104)
Rectifier

For: Hitachi 50A IR/EF Alternators
Used On: Nissan
Replaces: Hitachi L140N-13201, L140N-13202; Nissan 23230-E3200
Unit Nos: Hitachi LR150-02, -11, -11A; Nissan 23100-P2500, -P2501, -P2502, -U9500
Dim: M5 x 0.8 x 13mm Mtg. Post
Note: With diode trio.
Converts early model Datsun alternators to late model with internal voltage regulator.
Similar to IHR1000-1 except IHR1000-1 wo/ diode trio.
Features:
• 6-25A button diodes

Dish Diodes, 86mm OD



IHR763
Rectifier

For: Hitachi 40A IR/IF Alternators
Used On: Honda Gold Wing Motorcycles
Unit Nos: Hitachi LR140-708, -708C; Honda 31100-MT2-015
WAI Ref. Nos: 1-2494-01HI
Dim: 86mm OD
Features:
• 6-20A diodes

Dish Diodes, 95mm OD



IHR725
(Ref# 31-8122)
Rectifier

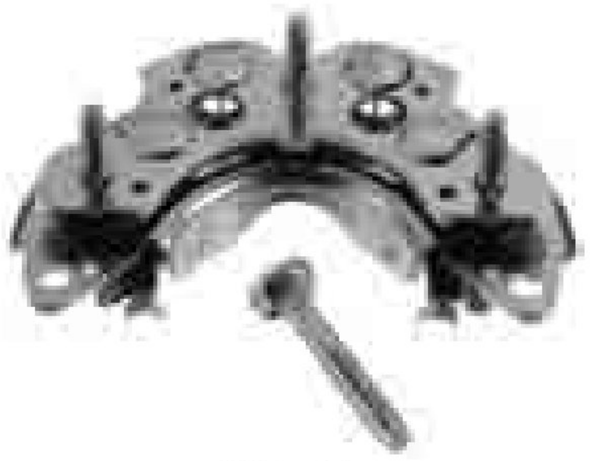
For: Hitachi 50A IR/IF Alternators
Used On: (1987-86) Isuzu
Replaces: Hitachi L150-73202, Isuzu 8-94410-338-0
Unit Nos: Hitachi LR150-703
Lester Nos: 14859
WAI Ref. Nos: 1-1249-01HI
Dim: 95mm OD
M6 x 1.0 x 25mm Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes

Dish Diodes, 100mm OD



IHR719
(Ref# 31-8109)
Rectifier

For: Hitachi 70A IR/IF Alternators
Used On: (1988-86) Nissan
Replaces: Hitachi L170-9320, Nissan 23230-51S00
Unit Nos: Hitachi LR170-717; Nissan 23100-51S00
Lester Nos: 14979
WAI Ref. Nos: 1-1098-01HI
Dim: 100mm OD
M6 x 1.0 x 42mm Batt. Term.
Note: With diode trio.
Features:
• 6-30A diodes



IHR720
(Ref# 31-8114)
Rectifier

For: Hitachi 50-80A IR/IF Alternators
Used On: (1996-86) Honda, Isuzu, Nissan, Subaru
Replaces: Hitachi L150-53203; L165-6320, -7320; L170-6320, -7302, -9320; L180-33201; I
Isuzu 8-94462-853-0;
Nissan 23230-30R00, -30R60, -51S00, -58S00, -77A00, -D4400
Unit Nos: Hitachi LR150-704, H; LR160-715, LR160-718, H; LR165-704B, LR165-707, B; LR170-714, LR170-715*, B*; LR170-716*, B*; LR170-717, LR170-727, LR180-715, LR180-719
Lester Nos: 13250, 13273, 13327, 14241*, 14242*, 14719, 14743, 14859, 14860, 14960, 14979
(cont'd.)

(cont'd.)
WAI Ref. Nos: 1-1098-01HI, 1-1102-01HI, 1-1120-01HI, 1-1125-01HI, 1-1126-01HI*, 1-1126-02HI*, 1-1128-01HI, 1-1232-01HI, 1-1233-01HI, 1-1258-01HI, 1-1870-01HI, 1-1880-01HI, 1-2166-01HI
Dim: 100mm OD
M6 x 1.0 x 42mm Batt. Term.
Note: With diode trio with dual diode trio tabs for right or left mounted regulator.
*Reuse original battery post (side post).
Features:
• 8-30A diodes



IHR724
(Ref# 31-8115)
Rectifier

For: Hitachi 65A IR/IF Alternators
Used On: (1987-85) Subaru
Replaces: Hitachi L165-3320, Subaru 23830-AA000
Unit Nos: Hitachi LR165-704
Lester Nos: 14743
WAI Ref. Nos: 1-1258-01HI
Dim: 100mm OD
M6 x 1.0 x 35mm Batt. Term.
Note: With diode trio.
Features:
• 6-30A diodes



IHR730
Rectifier

For: Hitachi 55A IR/IF Alternators
Used On: Isuzu Gemini (non-USA)
Replaces: Hitachi L150-43202; Isuzu 8-94424-362-0
Unit Nos: Hitachi LR155-502E, -504; Isuzu 8-94362-744-0
Dim: 100mm OD
Note: With diode trio.
Features:
• 6-30A diodes



IHR727
Rectifier

For: Hitachi ER/EF Alternators
Used On: Isuzu, Mazda (Diesel)
Replaces: Hitachi L130-M1330, L140-23201;
Isuzu 5-81218-027-0, 5-81218-029-0;
Mazda 1456-24-510,
Nissan 23137-J5300
Unit Nos: Hitachi LT130-107, -107B, -107C, -170C; LT135-63B; LT140-107, -109B, -109C, -110B; LT220-19C, -20, -20B, -20C, -21, -21B, -21C;
Isuzu 5-81200-266-3, 5-81200-278-3, 5-81200-279-2, 5-81200-289-2;
Mazda 1456-18-300A;
Nissan 23099-J5302, -Y8402
Lester Nos: 12327
Dim: 100mm OD
Features:
• 6-30A diodes



IHR728
(Ref# 31-8119)
Rectifier

For: Hitachi 40A IR/EF Alternators
Used On: (1982-81) Chevrolet, Isuzu (Diesel)
Replaces: Hitachi L140-53201; Isuzu 5-81218-033-0
Unit Nos: GM 94246957; Hitachi LR140-120E, -131, -131B; Isuzu 5-81200-317-3, 8-94246-957-0, 8-94246-957-1
Lester Nos: 14731
WAI Ref. Nos: 1-1247-01HI
Dim: 100mm OD
Note: With diode trio.
Features:
• 6-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

HITACHI

Dish Diodes, 100mm OD (cont'd.)



IHR733
(Ref# 31-8147)
Rectifier
For: Hitachi 40A IR/EF Alternators
Used On: Nissan
Replaces: Hitachi L135-6320, Nissan 23230-01B00
Unit Nos: Hitachi LR140-132, -133; Nissan 23100-01B05, -03B05
Dim: 100mm OD
Note: With diode trio.
Features:
• 6-30A diodes



IHR732
Rectifier
For: Hitachi 20-35A IR/EF Alternators
Used On: Isuzu Tractors (Diesel), Nissan Tsuru (Mexico)
Replaces: Hitachi L135-13208; Nissan 23230-37504
Unit Nos: Hitachi LR120-123, LR120-16B, LR135-104, LR135-125
Lester Nos: 12284
Dim: 100mm OD
M5 x 0.8 x 30mm Batt. Term.
Note: With diode trio.
Features:
• 6-30A diodes



IHR734
(Ref# 31-8135)
Rectifier
For: Hitachi 35A IR/EF Alternators
Used On: Allis-Chalmers, Massey Ferguson, Yanmar
Replaces: Hitachi L135-3320; Yanmar L135-332000, X-L1353320
Unit Nos: Hitachi LR135-105, LR135-126, LR135-74
Dim: 100mm OD
M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio.
Features:
• 6-30A diodes

Dish Diodes, 104mm OD



IHR716
Rectifier
For: Hitachi 70A IR/IF Alternators
Used On: (1989-84) Nissan
Replaces: Hitachi L170-1320, L170-83202; Nissan 23230-05P01, 23230-05P03
Unit Nos: Hitachi LR170-701, LR170-701B, LR170-701E, LR170-702, LR170-702B; Nissan 23100-05P00, 23100-05P01, 23100-05P03, 23100-15P01
Lester Nos: 14655, 14717
WAI Ref. Nos: 1-1105-01HI, 1-1105-02HI
Dim: 104mm OD
M6 x 1.0 x 30mm Batt. Term.
Note: With diode trio.
Features:
• 6-30A diodes



IHR716HD
(Ref# 31-8108)
Rectifier
Same as IHR716 except...
Features:
• Heavy Duty
• 9-30A diodes
• Copper heat sink



IHR729
Rectifier
For: Hitachi 60A IR/IF Alternators
Used On: Nissan Bluebird
Replaces: Hitachi L170-2320; Nissan 23230-02E00
Unit Nos: Hitachi LR160-708, LR160-709, LR160-710; Nissan 23100-02E00, 23100-02E05
Dim: 104mm OD
M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio.
Features:
• 6-30A diodes

Dish Diodes, 111mm OD



IHR604-1
(Ref# 31-8106)
Rectifier

For: Hitachi 40-55A IR/EF Alternators w/ Vacuum Pump
Used On: (1987-81) Chevrolet, Isuzu, Nissan, Pontiac (Diesel)
Replaces: GM 94237729; Hitachi L150-13204; Isuzu 8-94237-729-0; Nissan 23232-W1700
Unit Nos: Hitachi LR140-130B; LR150-117C, -133B, -133C, -133E, -135E, -137, -146C, -147B, -147C, -148C, -155B, -157B, -158, -162, -201, -201B, -202, -203, -205, -205B, -206, -211B, -212B, -79H; LR155-12C
Lester Nos: 12118, 14615, 14645, 14648, 14649, 14730, 14858, 14874
WAI Ref. Nos: 1-1113-01HI, 1-1236-01HI, 1-1516-01HI, 1-1571-01HI, 1-2481-01HI
Dim: 111mm OD
Note: With diode trio.
Similar to IHR711-1 except IHR711-1 wo/ diode trio.
Features:
- 6-50A diodes

IHR604HD-1
Rectifier

Same as IHR604-1 except...
Features:
- Heavy Duty
- 6-50A diodes
- Copper heat sink



IHR711-1
(Ref# 31-8140)
Rectifier

For: Hitachi ER/EF Alternators
Used On: Isuzu
Replaces: Hitachi L150-13205; Isuzu 8-94223-968-0
Unit Nos: Hitachi LR150-78E , -196; LR155-155B, LR160-85B; LT150-73, -75, -76B, -77B, -77C, -112C, -115C, -116C, -154, -196; LT225-73, -75, -76B
Dim: 111mm OD
Note: Without diode trio.
Similar to IHR604-1 except IHR604-1 w/ diode trio.
Features:
- 6-40A diodes
- Aluminum heat sink



IHR712-1
(Ref# 31-8111)
Rectifier

For: Hitachi 40-50A Heavy Duty ER/EF Alternators w/ Vacuum Pump
Used On: IHC, Isuzu (Diesel), Nissan (Diesel)
Replaces: Hitachi L150M-13201, L150M-13202, L155M-13202; Nissan 23137-Y7502, -Y7503
Unit Nos: Hitachi LT140-105, -106C, -107E; LT150-57E; LT155-08C, -09C; LT225-54B, -60C; LT255-54B,
Lester Nos: 14209, 14214
WAI Ref. Nos: 1-1094-01HI
Dim: 111mm OD
M5 x 0.8 Batt. Term.
Note: With diode trio
Features:
- 6-30A diodes



IHR723-1
(Ref# 31-8113)
Rectifier

For: Hitachi 35-60A IR/EF Alternators w/ Vacuum Pump
Used On: (1986-83) Nissan (Diesel)
Replaces: Hitachi L140-13202, L140-53202, L150-83201, L150-83202, L160-4320; Isuzu 8-94167-411-0, 8-94408-376-0, 8-97188-870-0; Nissan 23232-09W01, -10G01, -16A00, -18A00, -18G00, -V6601
Unit Nos: Hitachi LR140-130P, -402, -408, -415, -415B; LR150-139P, -343B, -401, -401C, -402, -402C, -403, -421C, -423, -423B, -425B, -431, -432, -434B, -438B, -439B, -444B, -448, -449B, -449C; LR155-16B, -16P, -408; LR160-401, -401C, -408; LR225-65P, -67P, -402, -403, -407, -410; LR235-402
Lester Nos: 12118, 14615, 14653, 14654, 14952
WAI Ref. Nos: 1-1129-01HI, 1-1130-01HI, 1-1570-01HI, 1-2481-01HI
Dim: 111mm OD
Note: With diode trio.
Features:
- 6-50A diodes

IHR723HD-1
(Ref# 31-8113-1)
Rectifier

Same as IHR723-1 except...
Features:
- Heavy Duty
- 6-50A diodes
- Copper heat sink

ALTERNATOR - RECTIFIERS (TRANSPO)

HITACHI

Dish Diodes, 111mm OD (cont'd.)



IHR710-1
(Ref# 31-8107)
Rectifier
For: Hitachi 50-60A IR/EF Alternators
Used On: (1994-78) Nissan, Subaru
Replaces: Hitachi L150-13206, L160-6320; Isuzu 5-81262-006-0; Nissan 23230-20W00, 23230-W7101; Subaru 49534-7601
Unit Nos: Hitachi LR150-94B, -98, -98B, -99, -99B, -101B, -125, -125B, -140, -165, -177, -186C, -194; LR155-23; LR160-121, -124, -137, -138; LR225-68B, -80; LR235-58, -62, -69, -70; LR240-21
Lester Nos: 12278, 14255, 14300, 14301, 14303, 14587, 14647, 14652, 14659, 14742, 14744, 14745
WAI Ref. Nos: 1-1096-01HI, 1-1109-01HI, 1-1114-01HI, 1-1124-01HI, 1-1567-01HI, 1-1593-01HI, 1-1593-02HI
Dim: 111mm OD
M5 x 0.8 x 35mm Batt. Term.
Note: With diode trio.
For version w/ 8.2mm offset regulator strap use IHR722-1.
Components:
31-81300 Insulator
Features:
• 6-50A diodes

IHR710HD-1
(Ref# 31-8107-1)
Rectifier
Same as IHR710-1 except...
Features:
• Heavy Duty
• 6-50A diodes
• Copper heat sink



IHR713-1
(Ref# 31-8134)
Rectifier
For: Hitachi 50-60A IR/EF Alternators
Used On: (1989-85) Nissan
Replaces: Hitachi L160-33202; Nissan 23230-12G00, -80W01, -81W00
Unit Nos: Hitachi LR150-194B, LR150-197, LR150-197B, LR160-140B, LR160-151
Lester Nos: 14659, 14660, 14664
WAI Ref. Nos: 1-1114-01HI, 1-1115-01HI, 1-1117-01HI
Dim: 111mm OD
M6 x 1.0 x 30mm Batt. Term.
Note: With diode trio.
Features:
• 6-50A diodes

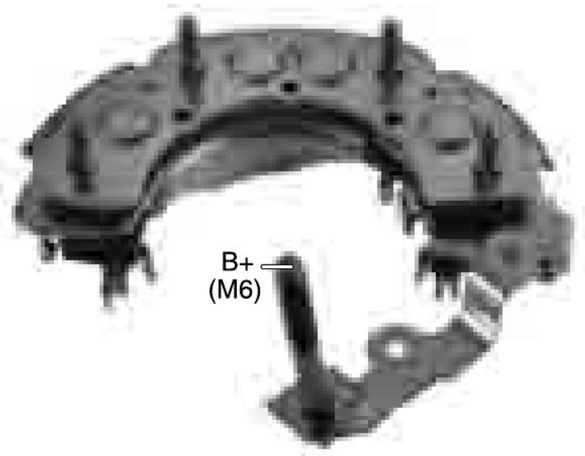


IHR715-1
(Ref# 31-8139)
Rectifier
For: Hitachi 50A ER/EF Alternators
Used On: (1983-80) Chevrolet, Isuzu
Replaces: Hitachi L150-13202; Nissan 23230-P4505, 23232-C6500; Subaru 49534-7001
Unit Nos: GM 94221717, 94238984; Hitachi LT150-62, -102, -113B, -123, -123B, -131, -144; Isuzu 8-94221-717-0, 8-94238-984-0; Nissan 23099-31W09; 23100-C6500, -H7205, -H7206; Subaru 42990-7000, -7010
Lester Nos: 14306, 14318, 14535, 14616, 14722, 14727, 14728, 14861
WAI Ref. Nos: 1-1246-01HI, 1-1251-01HI, 1-1565-01HI
Dim: 111mm OD
M5 x 0.8 x 35mm Batt. Term.
Note: Without diode trio
Features:
• 6-50A diodes



IHR722-1
(Ref# 31-8107-2)
Rectifier
For: Hitachi 50-60A IR/EF Alternators
Used On: (1986-78) Nissan; White
Replaces: Hitachi L150-13206; Isuzu 5-81262-006-0; Nissan 23230-W7101
Unit Nos: Hitachi LR150-94B, -98, -98B, -99, -99B, -101B, -125, -125B, -140, -165, -177, -186C, -194; LR225-68B, -80; LR235-58, -62, -69, -70; LR240-21
Lester Nos: 12278, 14255, 14300, 14301, 14303, 14587, 14647, 14659
WAI Ref. Nos: 1-1096-01HI, 1-1109-01HI, 1-1114-01HI, 1-1567-01HI
Dim: 111mm OD
M5 x 0.8 x 35mm Batt. Term.
Note: With diode trio. With 8.2mm offset regulator strap.
Same as IHR710-1 except IHR710-1 wo/ attached strap.
Features:
• 6-40A diodes

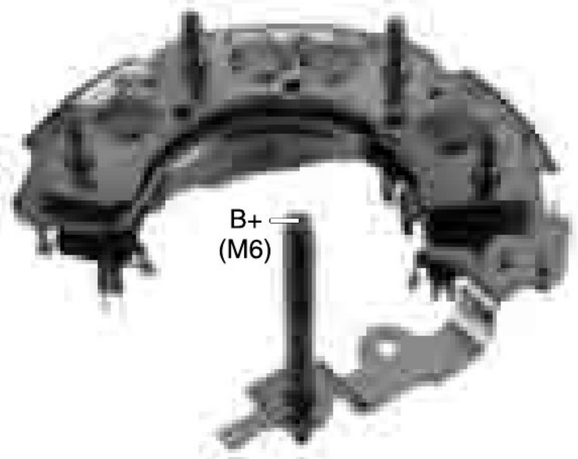
Dish Diodes, 113mm OD



IHR717
(Ref# 31-8110)
Rectifier
For: Hitachi 70-80A IR/IF Alternators
Used On: (1985) Nissan
Replaces: Hitachi L180-2320, L180-6320; Nissan 23230-16E05, 23230-26E60
Unit Nos: Hitachi LR170-713, LR170-721, LR170-721B, LR180-704, LT180-715; Nissan 23100-16E05, 23100-26E05, 23100-26E60, 23100-26E61
Lester Nos: 14651
WAI Ref. Nos: 1-1533-01HI
Dim: 113mm OD
M6 x 1.0 x 30mm Batt. Term.
Note: With diode trio.
Features:
• 6-30A diodes

IHR717HD
Rectifier

Same as IHR717 except...
Features:
- Heavy Duty
- 9-30A diodes
- Copper heat sinks



IHR718
(Ref# 31-8131)
Rectifier

For: Hitachi 70-90A IR/IF Alternators
Used On: (1994-85) Nissan
Replaces: Hitachi L190-1320, L190-3320, L190-5320; Nissan 23230-F6100, 23230-F6101, -V4360
Unit Nos: Hitachi LR190-701B, -702B, -702C, -703B, -704, -704B, -708C, -709, -709B, -711; Nissan 23100-34E00, -34E01, -85E00, -F6100, -F6101, -V4060, -V4360, -V4365, -V4560
Lester Nos: 14661, 14752
WAI Ref. Nos: 1-1122-01HI
Dim: 113mm OD
M6 x 1.0 x 30mm Batt. Term.
Note: With diode trio.
Features:
- 8-30A diodes

IHR718HD
(Ref# 31-8131-1)
Rectifier

Same as IHR718 except...
Features:
- Heavy Duty
- 11-30A diodes
- Copper heat sinks



IHR726
(Ref# 31-8121)
Rectifier

For: Hitachi 80-90A IR/IF Alternators
Used On: (1993-90) Infiniti, Nissan
Replaces: Hitachi L180-93201, L190-4320; Nissan 23230-30P00, 23230-F6500
Unit Nos: Hitachi LR180-724, LR190-706, LR190-714; Nissan 23100-30P00, -F6300, -F6301
Lester Nos: 13262, 13324
WAI Ref. Nos: 1-1107-01HI, 1-1477-01HI
Dim: 113mm OD
M6 x 1.0 x 30mm Batt. Term.
Note: With diode trio
Features:
- 6-30A diodes

Dish Diodes, 118mm OD



IHR603-1
(Ref# 31-8105)
Rectifier

For: Hitachi 50-70A IR/EF Alternators
Used On: (1989-78) Nissan, Subaru; UD Nissan Diesel
Replaces: Hitachi L150-13203, L160-3320, L170-8320; Nissan 23230-06500, 23230-20R00, 23230-Q4601; Subaru 49534-7111
Unit Nos: Hitachi LR155-15, -15B, -15C, -17, -18; LR160-78, -78B, -82, -82B, -84, -84B, -85B, -93, -104, -105, -109, -110, -116, -117, -130, -133, -166; LR165-02; LR170-02, -02B, -06, -10, -14, -18, -21; LT150-113, -114
Lester Nos: 12236, 14301, 14303, 14535, 14585, 14588, 14592, 14665, 14721, 14722, 14742, 14744, 14746, 14747, 14751
WAI Ref. Nos: 1-1096-01HI, 1-1097-01HI, 1-1104-01HI, 1-1131-01HI, 1-1251-01HI, 1-1253-01HI, 1-1593-01HI
Dim: 118mm OD
M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio.
Features:
- 6-50A diodes

IHR603HD-1
(Ref# 31-8105-1)
Rectifier

Same as IHR603-1 except...
Features:
- Heavy Duty
- Copper heat sink
- 6-50A diodes



IHR605
(Ref# 31-8105-2)
Rectifier

For: Hitachi 50-70A IR/EF Alternators
Replaces: Hitachi L150-13203, L160-3320, L170-8320; Nissan 23230-20R00, -06500, -Q4601; Subaru 49534-7111
Unit Nos: Hitachi LR155-15B, 15C, -18; LR160-78, -78B, -82, -82B, -84, -84B, -93, -104, -109; LR170-14, -21
Lester Nos: 14301, 14303, 14585, 14588, 14592, 14665, 14721, 14746, 14747, 14751
WAI Ref. Nos: 1-1096-01HI, 1-1097-01HI, 1-1104-01HI, 1-1131-01HI, 1-1253-01HI
Dim: 118mm OD
M5 x 0.8 x 25mm Batt. Term.
66mm x 2.5mm Offset Strap
Note: With diode trio. Similar to IHR603 except IHR603 wo/ offset strap.
Features:
- 6-50A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

HITACHI

Dish Diodes, 118mm OD (cont'd.)



IHR606-1
(Ref# 31-8105-3)
Rectifier
For: Hitachi 50-70A IR/EF Alternators
Replaces: Hitachi L150-13203, L160-3320, L170-8320; Nissan 23230-20R00, -06500, -Q4601; Subaru 49534-7111
Unit Nos: Hitachi LR155-15B, 15C, -18; LR160-78, -78B, -82, -82B, -84, -84B, -93, -104, -109; LR170-14, -21
Lester Nos: 14301, 14303, 14585, 14588, 14592, 14665, 14721, 14746, 14747, 14751
WAI Ref. Nos: 1-1096-01HI, 1-1097-01HI, 1-1104-01HI, 1-1131-01HI, 1-1253-01HI
Dim: 118mm OD
M5 x 0.8 x 25mm Batt. Term.
66mm x 8.6mm Offset Strap
Note: With diode trio. Similar to IHR603 except IHR603 wo/ offset strap.
Features:
• 6-30A diodes



IHR607-1
(Ref# 31-8112)
Rectifier
For: Hitachi 60A IR/EF Alternators w/ Vacuum Pump
Used On: (1983-81) Nissan (Diesel)
Replaces: Hitachi L160-23201; Isuzu 8-94116-432-0; Nissan 23232-W1705
Unit Nos: Hitachi LR160-67H, LR160-92C, -96B, -96C, -96H, -97B, -97C, -107B, -108B, -134, -134B, -134R, -135B, -143B, -144, -1446, -146, -146B, -147E, -147F, -148E, -148F, -152E, -152F, -164
Lester Nos: 14586, 14613
WAI Ref. Nos: 1-1121-01HI
Dim: 118mm OD
Note: With diode trio w/ wire lead
Features:
• 6-50A diodes



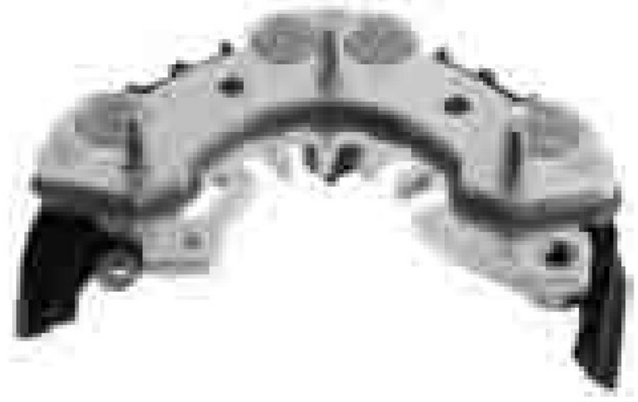
IHR714
(Ref# 31-8138)
Rectifier
For: Hitachi 35-50A ER/EF Alternators
Used On: (1981-80) Subaru; Nissan Lift Truck
Replaces: Hitachi L150-13208; Nissan 23230-V1501; Subaru 49534-7101, 49534-7301
Unit Nos: Hitachi LT150-114B, LT160-89B, LT170-09, LT235-63; Nissan 23100-L1803, -L6002, -V0407; Subaru 42990-7300
Lester Nos: 12117, 14535, 14722
WAI Ref. Nos: 1-1251-01HI
Dim: 118mm OD
M5 x 0.8 x 25mm Batt. Term.
Note: Without diode trio
Features:
• 6-30A diodes



IHR721-1
(Ref# 31-8133)
Rectifier
For: Hitachi 60-70A IR/EF Alternators
Used On: (1987-86) Nissan; Hino, Isuzu Truck
Replaces: Hitachi L160-23202, L160-43202, L170-5320; Nissan 23232-10G00, 23245-V7200
Unit Nos: Hitachi LR160-422B, -442B, -442C, -442E; LR170-402, -402E, -404, -404B, -406B, -410, -418, -418B, -418C, -420B, -421; Isuzu 8-94408-365-0, 8-97023-733-1; Nissan 23100-10G03, -54A01, -54A02, -V7204
Lester Nos: 12097, 14663, 14735, 14753
WAI Ref. Nos: 1-1116-01HI, 1-1426-01HI, 1-1940-02HI, 1-2271-01HI
Dim: 118mm OD
Note: With diode trio.
Features:
• 6-50A diodes

IHR721HD-1
(Ref# 31-8133-1)
Rectifier
Same as IHR721-1 except...
Features:
• Heavy Duty
• 6-50A diodes
• Copper heat sink

Press-Fit Diodes, 103mm OD



IHR750
(Ref# 31-8117)
Rectifier
For: Hitachi 70A IR/IF Alternators
Used On: (1994-90) Subaru
Replaces: Hitachi L170-33202, Subaru 23830-AA040
Unit Nos: Hitachi LR170-732B, C
Lester Nos: 13275
WAI Ref. Nos: 1-1257-01HI
Dim: 103mm OD
Note: Without diode trio
Features:
• 8-30A press-fit diodes



IHR755
(Ref# 31-8125)
Rectifier
For: Hitachi 60-70A IR/IF Alternators
Used On: (1996-91) Honda, Isuzu, Nissan
Replaces: Hitachi L170G-1320, Nissan 23230-50Y09
Unit Nos: Hitachi LR160-725B, LR160-738, LR170-738B; Isuzu 8-97063-026-1; Nissan 23100-50Y09
Lester Nos: 13334, 14960
WAI Ref. Nos: 1-1423-01HI, 1-1880-01HI
Dim: 103mm OD
M6 x 1.0 x 27mm Batt. Term.
Note: With heavy duty diode trio. Similar to IHR754 except IHR754 wo/ diode trio and is not interchangeable. Similar to IHR757 except IHR757 w/ 6-diodes.
Features:
• 8-30A press-fit diodes



IHR757
Rectifier
For: Hitachi 50-60A IR/IF Alternators
Used On: (1996-93) Honda, Isuzu
Replaces: Isuzu 8-97074-939-0
Unit Nos: Hitachi LR150-711, LR160-725, LR160-726; Isuzu 8-97042-637-1, 8-97063-025-0, 8-97063-025-1, 8-97063-026-0, 8-97084-578-0
Lester Nos: 13564, 14859, 14960
WAI Ref. Nos: 1-1878-01HI, 1-1879-01HI, 1-1880-01HI
Dim: 103mm OD
M6 x 1.0 x 27mm Batt. Term.
Note: With heavy duty diode trio. Similar to IHR755 except IHR755 w/ 8-diodes.
Features:
• 6-30A press-fit diodes



IHR751
(Ref# 31-8127)
Rectifier
For: Hitachi 70-80A IR/IF Alternators
Used On: (1994-90) Nissan
Replaces: Hitachi L170-43202, L170G-6320, L180G-1320; Nissan 23230-12G01, -53F00, -77P00
Unit Nos: Hitachi LR170-734B; LR170-739, B; LR180-729
Lester Nos: 13273, 13285, 13533
WAI Ref. Nos: 1-1119-01HI, 1-1425-01HI, 1-1429-01HI
Dim: 103mm OD
M6 x 1.0 x 35mm Batt. Term.
Note: With diode trio.
Features:
• 6-30A press-fit diodes



IHR756
(Ref# 31-8123)
Rectifier
For: Hitachi 60-80A IR/IF Alternators
Used On: (1993-90) Infiniti, Nissan
Replaces: Hitachi L160-73203, L180-13202; Nissan 23230-64J00, -80G08
Unit Nos: Hitachi LR160-723, B; LR180-725
Lester Nos: 13287, 13329
WAI Ref. Nos: 1-1118-01HI, 1-1427-01HI
Dim: 103mm OD
M5 x 0.8 x 8mm Batt. Term.
Note: With diode trio. Similar to IHR758 except IHR758 wo/ diode trio.
Features:
• 6-40A press-fit diodes



IHR754
(Ref# 31-8129)
Rectifier
For: Hitachi 70A IR/IF Alternators
Used On: (1994-92) Nissan
Replaces: Hitachi L170G-2320, Nissan 23230-0E705
Unit Nos: Hitachi LR170-738C
Lester Nos: 13334
WAI Ref. Nos: 1-1423-01HI
Dim: 103mm OD
M6 x 1.0 x 27mm Batt. Term.
Note: Without diode trio.
Features:
• 8-30A press-fit diodes



IHR753
Rectifier
For: Hitachi 70A IR/IF Alternators
Used On: (1991) Nissan
Replaces: Hitachi L170-23203; Nissan 23230-50Y06
Unit Nos: Hitachi LR170-738; Nissan 23100-50Y06
Lester Nos: 13334
WAI Ref. Nos: 1-1423-01HI
Dim: 103mm OD
M5 x 0.8 x 8mm Batt. Term.
Note: Without diode trio
Features:
• 8-40A press-fit diodes

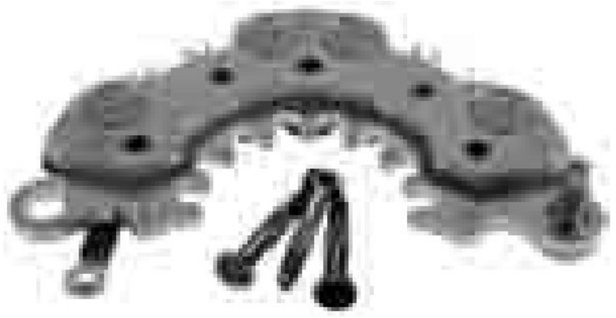


IHR758
(Ref# 31-8132-1)
Rectifier
For: Hitachi 80A IR/IF Alternators
Used On: (1994-93) Nissan
Replaces: Hitachi L180G-7320; Nissan 23230-1E400, -56G00
Unit Nos: Hitachi LR180-725B, C; LR180-736B
Lester Nos: 13329, 13474
WAI Ref. Nos: 1-1120-01HI, 1-1427-01HI
Dim: 103mm OD
M5 x 0.8 Batt. Term.
Note: Without diode trio. Similar to IHR756 except IHR756 w/ diode trio.
Features:
• 6-40A press-fit diodes

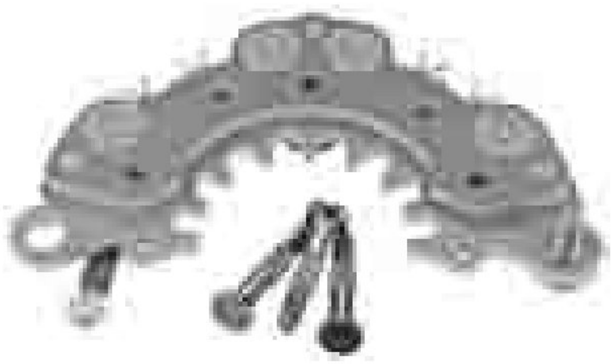
ALTERNATOR - RECTIFIERS (TRANSPO)

HITACHI

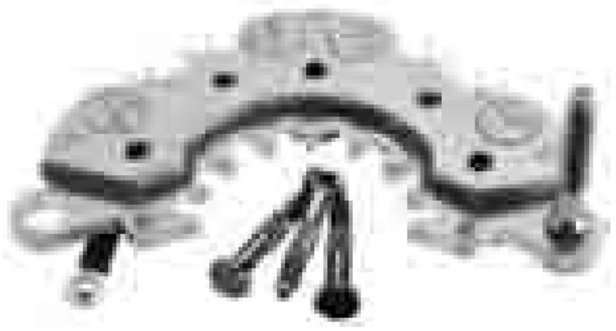
Press-Fit Diodes, 114mm OD



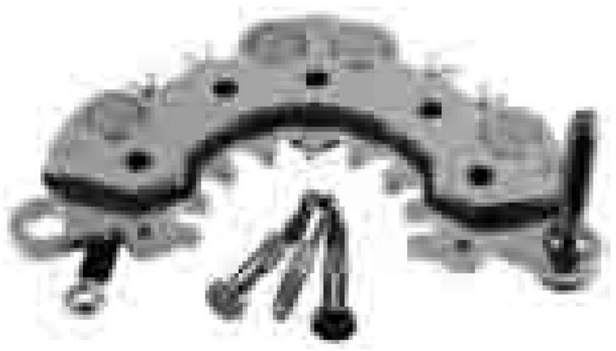
IHR744
Rectifier
For: Hitachi 85A IR/IF Alternators
Used On: (1995) Subaru
Replaces: Hitachi L185G-1320; Subaru 23830-AA080, 23830-AA100
Unit Nos: Hitachi LR185-701; Subaru 23700-AA210, 23700-AA210F
Lester Nos: 13645
WAI Ref. Nos: 1-2015-01HI
Dim: 114mm OD
M6 x 1.0 x 8mm Batt. Term.
Features:
• 8-40A press-fit avalanche diodes



IHR775
(Ref# 31-8143)
Rectifier
For: Hitachi 85-90A IR/IF Alternators
Used On: (1999-95) Nissan, Subaru
Replaces: Hitachi L190G-33204, Nissan 23230-65F00, Subaru 23830-AA140
Unit Nos: Hitachi LR180-742C, LR185-701C, LR185-702, LR190-724; Nissan 23100-70F05; Subaru 23700-AA211, -AA211F, -AA34A
Lester Nos: 13642, 13645
WAI Ref. Nos: 1-2014-01HI, 1-2015-01HI
Dim: 114mm OD
M6 x 1.0 x 8mm Batt. Term.
Features:
• 8-30A press-fit diodes



IHR779
Rectifier
For: Hitachi 70A IR/IF Alternators
Used On: (1998) Honda, Isuzu
Replaces: Isuzu 8-97182-959-0
Unit Nos: Hitachi LR170-755; Isuzu 8-97130-776-0, 8-97130-776-1
Lester Nos: 13775
WAI Ref. Nos: 1-2180-01HI
Dim: 114mm OD
M6 x 1.0 x 35mm Batt. Term.
Note: For version w/ avalanche diodes use IHR780.
Features:
• 8-30A press-fit diodes

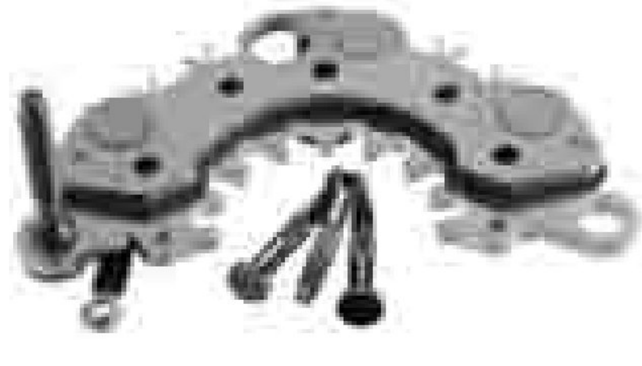


IHR780
Rectifier
For: Hitachi 70A IR/IF Alternators
Used On: (1998) Honda, Isuzu
Replaces: Isuzu 8-97182-959-0
Unit Nos: Hitachi LR170-755; Isuzu 8-97130-776-0, 8-97130-776-1
Lester Nos: 13775
WAI Ref. Nos: 1-2180-01HI
Dim: 114mm OD
M6 x 1.0 x 35mm Batt. Term.
Note: For version w/ non-avalanche diodes use IHR779.
Features:
• 8-40A press-fit avalanche diodes



IHR781
(Ref# 31-8148)
Rectifier
For: Hitachi 60A IR/IF Alternators
Used On: (1998) Honda, Isuzu
Unit Nos: Hitachi LR160-730C, LR160-731; Isuzu 8-97104-101-2, 8-97130-752-0,
(cont'd)

(cont'd.)
Lester Nos: 13745, 13757
WAI Ref. Nos: 1-2089-01HI, -02HI
Dim: 114mm OD
M6 x 1.0 x 35mm Batt. Term.
Note: Similar to IHR780, except IHR780 w/ 8-diodes.
Features:
• 6-40A press-fit avalanche diodes



IHR782
Rectifier
For: Hitachi 60A IR/IF Alternators
Used On: (1997) Isuzu
Unit Nos: Hitachi LR160-729C, Isuzu 8-97101-816-2
Lester Nos: 13744
WAI Ref. Nos: 1-2090-01HI
Dim: 114mm OD
M6 x 1.0 x 35mm Batt. Term.
Note: Similar to IHR781 except IHR781 has battery terminal on opposite side.
Features:
• 6-40A press-fit avalanche diodes

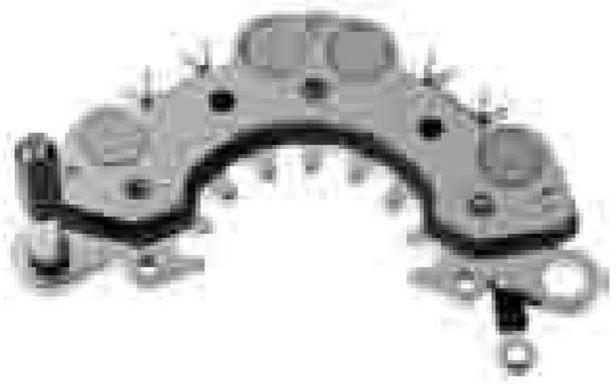


IHR745
Rectifier
For: Hitachi 80A IR/IF Alternators
Used On: (1999-97) Nissan
Unit Nos: Hitachi LR180-751, Nissan 23100-3M200
Lester Nos: 13728
WAI Ref. Nos: 1-2092-01HI
Dim: 114mm OD
M8 x 1.25 x 45mm Batt. Term.
Features:
• 6-30A press-fit diodes



IHR737
Rectifier

For: Hitachi 90A IR/IF Alternators
Used On: (2000-97) Nissan
Replaces: Hitachi L190G-43205; Nissan 23230-0W003
Unit Nos: Hitachi LR190-737, LR190-737B, LR190-737E; Nissan 23100-0W001, 23100-0W002
Lester Nos: 13713
WAI Ref. Nos: 1-2103-01HI
Dim: 114mm OD
M6 x 1.0 x 8mm Batt. Term. for Radial B+ Term. Extension
Features:
• 8-30A press-fit diodes



IHR746
(Ref# 31-8141)
Rectifier

For: Hitachi 70-90A IR/IF Alternators
Used On: (1997-95) Nissan
Replaces: Hitachi L170G-13201, L190G-43203; Nissan 23230-0M000, -0W000
Unit Nos: Hitachi LR170-745, B, LR170-748, B; LR190-729, C
Lester Nos: 13637, 13638, 13643
WAI Ref. Nos: 1-2001-01HI, 1-2091-01HI, 1-2124-01HI
Dim: 114mm OD
M8 x 1.25 x 45mm Batt. Term.
Note: Without diode trio.
Features:
• 8-30A press-fit diodes



IHR778
(Ref# 31-8136)
Rectifier

For: Hitachi 60-80A IR/IF Alternators
Used On: (1999-95) Nissan; Nissan Lift Truck
Replaces: Hitachi GD214675G; Nissan 23230-0M800
Unit Nos: Hitachi LR160-727, LR180-741H, LR180-744; Nissan 23100-0S300, -1E800, -4B400
Lester Nos: 13636, 13640, 13644
WAI Ref. Nos: 1-2002-01HI, 1-2093-01HI, 1-2152-01HI
Dim: 114mm OD
M6 x 1.0 x 8mm Batt. Term.
M8 x 1.25 x 45mm Side Term. Post
Note: Without trio
Components:
46-81151 Battery Terminal
Features:
• 6-30A press-fit diodes



IHR742
Rectifier

For: Hitachi 90A IR/IF Alternators
Used On: (2001) Subaru
Unit Nos: Hitachi LR190-742, Subaru 23700-AA31A
Lester Nos: 13829
WAI Ref. Nos: 1-2193-01HI, 1-2449-01HI
Dim: 114mm OD
M6 x 1.0 x 8mm Batt. Term.
Note: Without diode trio.
Features:
• 8-40A press-fit avalanche diodes



IHR762
Rectifier

For: Hitachi 70A ED/IF Alternators
Used On: (2000-99) Mazda
Unit Nos: Hitachi LR170-758; Mazda BP4W-18-300B, C
Lester Nos: 13788
WAI Ref. Nos: 1-2212-01HI
Dim: 114mm OD
M6 x 1.0 x 8mm Batt. Term.
Features:
• 6-30A press-fit diodes



IHR764
Rectifier

For: Hitachi 90A IR/IF Alternators
Used On: (2002-98) Honda, Isuzu
Replaces: Isuzu 8-97210-024-0
Unit Nos: Hitachi LR190-744; Isuzu 8-97204-332-0
Lester Nos: 13825
WAI Ref. Nos: 1-2240-01HI
Dim: 114mm OD
M6 x 1.0 x 35mm Batt. Term.
Features:
• 8-30A press-fit diodes



IHR738
Rectifier

For: Hitachi 70A IR/IF Alternators
Used On: (2001-98) Nissan
Replaces: Nissan 23230-3S501
Unit Nos: Hitachi LR170-757B; Nissan 23100-3S500
Lester Nos: 13778
WAI Ref. Nos: 1-2191-01HI
Dim: 114mm OD
M6 x 1.0 x 8mm Batt. Term.
Features:
• 8-30A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

HITACHI

Press-Fit Diodes, 114mm OD (cont'd.)



IHR739
Rectifier
For: Hitachi 70-100A IR/IF Alternators
Used On: (2001-98) Nissan
Unit Nos: Hitachi LR170-709B, LR1100-709B, LR1100-722; Nissan 23100-5M000, 23100-9E000
Lester Nos: 13760, 13827
WAI Ref. Nos: 1-2193-01HI, 1-2449-01HI
Dim: 114mm OD
M6 x 1.0 x 8mm Batt. Term.
Features:
• 8-40A press-fit avalanche diodes



IHR783
(Ref# 31-8146)
Rectifier
For: Hitachi 80A IR/IF Alternators
Used On: Isuzu Truck
Unit Nos: GM 97189650; Hitachi LR180-509, -509C, -510; Isuzu 2-90276-810-0, 8-97116-697-3, 8-97189-549-0, 8-97189-649-0, 8-97189-650-0
Lester Nos: 12335, 12336
WAI Ref. Nos: 1-2358-01HI, 1-2496-01HI
Dim: 115mm OD
M6 x 1.0 x 8mm Batt. Term.
Features:
• 8-30A press-fit diodes



IHR774
Rectifier
For: Hitachi 110A IR/IF Alternators
Used On: (1990) Infiniti
Replaces: Hitachi L1110-1320; Nissan 23230-60U00
Unit Nos: Hitachi LR1110-701; Nissan 23100-60U00, 23100-91U00
Lester Nos: 13261
WAI Ref. Nos: 1-1478-01HI
Dim: 118mm OD
M8 x 1.25 x 45mm Batt. Term.
Note: With diode trio.
Features:
• 8-40A press-fit diodes

Press-Fit Diodes, 115mm OD



IHR749
Rectifier
For: Hitachi 70A IR/EF Alternators
Used On: Opel (Europe)
Replaces: GM 97122644, Hitachi L170G-23203, Isuzu 8-97122-644-0, Opel 6205428
Unit Nos: Hitachi LR170-505, LR170-505B; Isuzu 8-9715-0200-0, 8-9716-0200-0
WAI Ref. Nos: 1-2615-01HI
Dim: 115mm OD
M8 x 1.25 x 38mm Batt. Term.
Features:
• 6-30A press-fit diodes

Press-Fit Diodes, 118mm OD



IHR772
(Ref# 31-8130)
Rectifier
For: Hitachi 95A IR/IF Alternators
Used On: (1994-92) Nissan
Replaces: Hitachi L195G-1320; Nissan 23230-97E01, 23230-97E02
Unit Nos: Hitachi LR195-701; Nissan 23100-97E01
Lester Nos: 13477
WAI Ref. Nos: 1-1583-01HI
Dim: 118mm OD
M8 x 1.25 x 36mm Batt. Term.
Features:
• 6-40A press-fit avalanche diodes



IHR776
(Ref# 31-8124)
Rectifier
For: Hitachi 100-110A IR/IF Alternators
Used On: (1993-90) Infiniti
Replaces: Hitachi L1110G-1320; Nissan 23230-60U01
Unit Nos: Hitachi LR1100-702, LR1100-702C, LR1110-702; Nissan 23100-60U01, 23100-61U00
Lester Nos: 13261
WAI Ref. Nos: 1-1478-01HI
Dim: 118mm OD
M8 x 1.25 x 45mm Batt. Term.
Note: With diode trio.
Features:
• 6-40A press-fit diodes

Press-Fit Diodes, 119mm OD



IHR770
Rectifier

For: Hitachi 110A IR/IF Alternators
Used On: (2001-99) Infiniti, Nissan
Unit Nos: Hitachi LR1110-707F, -707G, -709B, -710F;
Nissan 23100-0L701, -2Y900, -6P000
Lester Nos: 13639, 13712, 13826
WAI Ref. Nos: 1-2098-01HI, 1-2268-01HI, 1-2382-01HI
Dim: 119mm OD
M6 x 1.0 x 8mm Stud for Side-Mount B+
Features:
• 8-40A press-fit avalanche diodes



IHR771
Rectifier

For: Hitachi 100A IR/IF Alternators
Used On: (1998) Nissan
Replaces: Hitachi L1100G-23201, Nissan 23230-0L700
Unit Nos: Hitachi LR1100-711B; Nissan 23100-0L700
Lester Nos: 13657
WAI Ref. Nos: 1-2231-01HI
Dim: 119mm OD
M6 x 1.0 x 8mm Stud for Side-Mount B+
Features:
• 6-40A press-fit avalanche diodes



IHR773
(Ref# 31-8142)
Rectifier

For: Hitachi 110-125A IR/IF Alternators
Used On: (1999-95) Infiniti, Nissan
Unit Nos: Hitachi LR1110-705, -705B, -707E; LR1125-702, -702B;
Nissan 23100-0L701, -31U01, -31U02, -40U00, -6P005
Lester Nos: 13612, 13639, 13712
WAI Ref. Nos: 1-1921-01HI, 1-2098-01HI, 1-2192-01HI,
Dim: 119mm OD
M6 x 1.0 x 8mm Stud for Side-Mount B+
Components:
46-81151 Battery Terminal
Features:
• 8-40A press-fit avalanche diodes

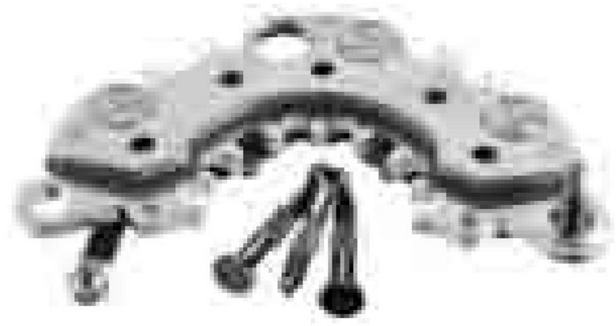
Press-Fit Diodes, 127mm OD



IHR769
Rectifier

For: Hitachi 70-100A IR/IF Alternators
Used On: Opel (Europe)
Unit Nos: Hitachi LR170-509, C, E, F, G, H; LR1100-502E, F; Isuzu 8-97189-112-0, -2, -3, -4
WAI Ref. Nos: 1-2618-01HI
Dim: 127mm OD
M8 x 1.25 x 38mm Batt. Term.
Note: Without diode trio.
Features:
• 8-40A press-fit avalanche diodes

KIA PRECISION WORKS

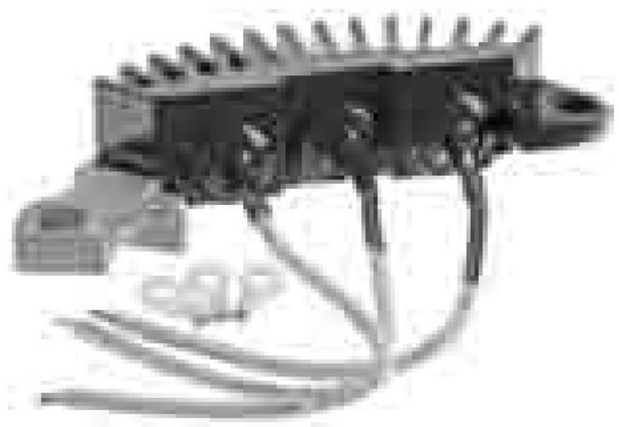


IHR741
Rectifier

For: Kia Precision Works 70-80A IR/IF Alternators
Used On: (2004-99) Kia
Unit Nos: Kia OK012-18-300, OK241-18-300
Lester Nos: 13862, 13863
WAI Ref. Nos: 1-2444-01HI, 1-2445-01HI
Dim: 114mm OD
M6 x 1.0 x 8mm Batt. Term.
Note: With diode trio.
Features:
• 6-30A diodes

LEECE-NEVILLE

2300-2600JB Series



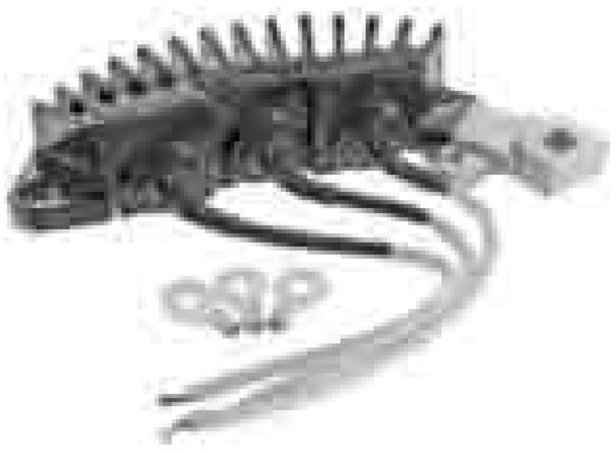
LR71180
(Ref# 31-501)
Rectifier - Positive

For: Leece-Neville 2300-2600JB, 3425-3625J, 4400-4650J, 7500-7600 Series 65-105A/12-24V Alternators
Replaces: Leece-Neville 71180, 78752
Dim: 25mm (1") Thick Heat Sink
Features:
• 35A press-fit diodes
• Hi-temp leads
• Wire terminals included
• Die-cast aluminum heat sink

ALTERNATOR - RECTIFIERS (TRANSPO)

LEECE-NEVILLE

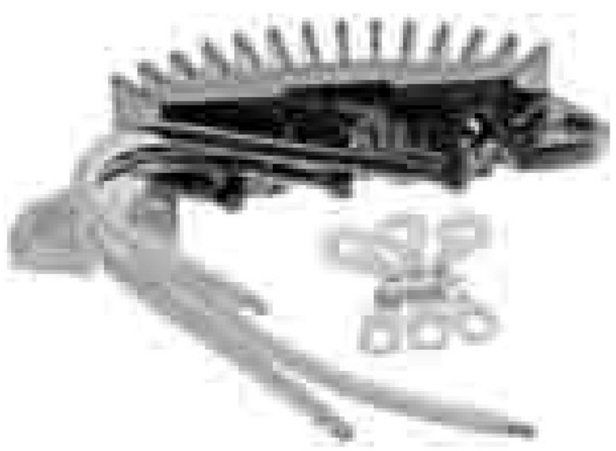
2300-2600JB Series (cont'd.)



LR71181
(Ref# 31-500)
Rectifier - Negative

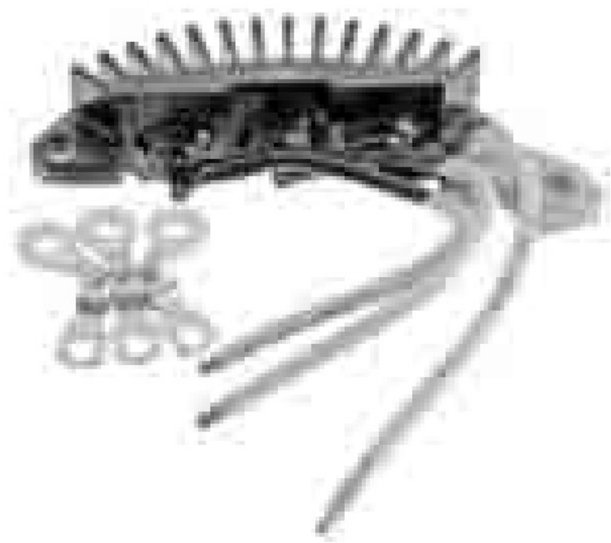
For: Leece-Neville 2300-2600JB, 3425-3625J, 4400-4650J, 7500-7600 Series 65-105A/12-24V Alternators
Replaces: Leece-Neville 71181, 78753
Dim: 25mm (1") Thick Heat Sink
Features:
- 35A press-fit diodes
- Hi-temp leads
- Wire terminals included
- Die-cast aluminum heat sink

2700JB Series



LR79193
(Ref# 31-503)
Rectifier - Positive

For: Leece-Neville 2700JB, 3725J, 4700-4750J, 7700 Series 130A/12V Alternators
Replaces: Leece-Neville 79193
Dim: 25mm (1") Thick Heat Sink
Features:
- 50A press-fit diodes
- Hi-temperature insulated wire
- Wire terminals included
- Die cast aluminum heat sink



LR79415
(Ref# 31-502)
Rectifier - Negative

For: Leece-Neville 2700JB, 3725J, 4700-4750J, 7700 Series 130A/12V Alternators
Replaces: Leece-Neville 79415
Dim: 25mm (1") Thick Heat Sink
Features:
- 50A press-fit diodes
- Hi-temperature insulated wire
- Wire terminals included
- Die cast aluminum heat sink

2800JB Series



LR97084
(Ref# 31-505)
Rectifier - Positive

For: Leece-Neville 2800-2805JB, 7804-7808JB Series 145-160A/12V Alternators
Replaces: Leece-Neville 97084
Dim: 43mm (1-11/16) Thick Heat Sink
Features:
- 50A press-fit diodes
- Hi-temperature insulated wire
- Wire terminals included
- Die cast aluminum heat sink



LR97085
(Ref# 31-504)
Rectifier - Negative

For: Leece-Neville 2800-2805JB, 7804-7808JB Series 145-160A/12V Alternators
Replaces: Leece-Neville 97085
Dim: 43mm (1-11/16) Thick Heat Sink
Features:
- 50A press-fit diodes
- Hi-temperature insulated wire
- Wire terminals included
- Die cast aluminum heat sink

4800J, 4900J Series



LR711387
(Ref# 31-508)
Rectifier - Positive

For: Leece-Neville 4800J, 4900J Series 215A/12V Alternators
Replaces: Leece-Neville 101387
Dim: 43mm (1-11/16) Thick Heat Sink
Features:
- 50A press-fit diodes
- Hi-temperature insulated wire
- Wire terminals included
- Die cast aluminum heat sink



LR711441
(Ref# 31-509)
Rectifier - Positive

For: Leece-Neville 4836AAH; 4860J, JB; 4884J, JB; 4900J, JB Series 185-200 A/12V Alternators
Replaces: Leece-Neville 101411, 101441
Lester Nos: 8320, 8345
WAI Ref. Nos: 1-1929-00LN, 1-2652-00LN, 1-2653-00LN,
Dim: 43mm (1-11/16) Thick Heat Sink
Components:
46-5159 Terminal
46-5160 Terminal
Features:
- 50A press-fit diodes
- Hi-temp insulated wire
- Wire terminals included
- Die-cast aluminum heat sink



LR101387
Rectifier - Positive

For: Leece-Neville 4834LC Series 175A/12V Alternators
Unit Nos: Leece-Neville 4834LC, A0014834LC
Lester Nos: 8349
WAI Ref. Nos: 1-2658-00LN
Dim: 43mm (1-11/16) Thick Heat Sink
Features:
- 50A press-fit diodes
- Hi-temperature insulated wire
- Wire terminals included



LR102896
Rectifier - Negative

For: Leece-Neville 4834LC Series 175A/12V Alternators
Unit Nos: Leece-Neville 4834LC, A0014834LC
Lester Nos: 8349
WAI Ref. Nos: 1-2658-00LN
Dim: 43mm (1-11/16) Thick Heat Sink
Features:
- 50A press-fit diodes
- Hi-temperature insulated wire
- Wire terminals included



LR711425
Rectifier - Negative

For: Leece-Neville 4833LGH, 4836AAH, 4836LGH Series 185A/12V Alternators
Replaces: Leece-Neville 101425
WAI Ref. Nos: 1-2652-00LN, 1-2660-00LN, 1-2661-00LN
Dim: 43mm (1-11/16) Thick Heat Sink
Note: LR711425 similar to LR711442 except:
LR711442 w/ shorter lead wires
LR711425 w/ longer lead wires
Features:
- 6-50A press-fit diodes



LR711442
Rectifier - Negative

For: Leece-Neville 4860J, JB; 4884J, JB; 4900J, JB Series 200A/12V Alternators
Replaces: Leece-Neville 101442
Lester Nos: 8320, 8345
WAI Ref. Nos: 1-1929-00LN, 1-2653-00LN
Dim: 43mm (1-11/16) Thick Heat Sink
Note: LR711442 similar to LR711425 except:
LR711442 w/ shorter lead wires
LR711425 w/ longer lead wires
Features:
- 6-50A press-fit diodes

LUCAS

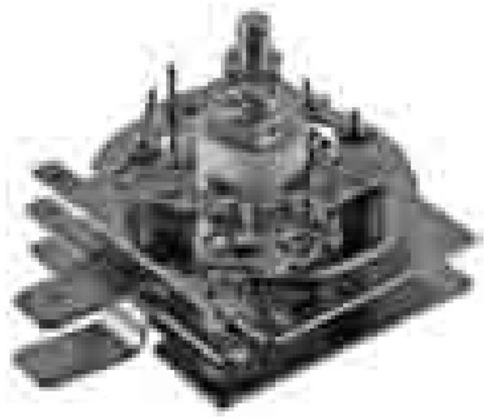


ILR166-1
(Ref# 31-9200)
Rectifier

For: Lucas 16ACR, 18ACR Series 28-43A ER/EF, IR/EF Alternators
Used On: (1985-72) Lotus, Mercury, MG, Triumph
Replaces: Lucas 83166, 83842, 84443, UBB110
Unit Nos: Lucas 23589, 23590, 23592, 23593, 23606, 23615, 23617, 23620, 23646, 23648, 23653, 23659, 23674, 23675, 23682, 23685, 23697, 23700, 23702, 23709, 23713, 23715, 23716, 23717, 23718, 23725, 23726, 23729, 23730, 23734, 23736, 23737, 23739, 23740, 23758, 23765, 23769, 23774, 23775, 23801, 23802, 23807, 23808, 23814, 23842, 23847, 23850, 23851, 23852, 23857, 23860, 23888, 23889, 23891, 23962, 23963, 24123
Lester Nos: 14022, 14029, 14030, 14037, 14088
WAI Ref. Nos: 1-1372-01LU, 1-1375-01LU, 1-1377-01LU, 1-1378-01LU, 1-1552-01LU
Dim: M5 x 0.8 x 13mm Mtg. Post
Note: For applications where the voltage regulator senses at the alternator
Features:
- 9-25A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

LUCAS (cont'd.)



ILR192-1
(Ref# 31-9201)
Rectifier

For: Lucas IR/EF Alternators
Used On: (1972-69) Mercury, MG, Triumph
Replaces: Ford 692F-10304-AA, Jaguar 37H-6924; Lucas 83062, 83178, 83192, 83962, 84125, 84460, UBB108; Talbot 5059884, Vauxhall 2698242
Unit Nos: Lucas 23544, 548, 554, 555, 562, 563, 565, 566, 568, 569, 570, 572, 573, 574, 575, 576, 577, 581, 582, 583, 584, 585, 595, 597, 598, 599, 600, 602, 603, 609, 610, 611, 612, 613, 614, 623, 624, 625, 626, 627, 629, 630, 631, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 647, 649, 650, 651, 652, 655, 656, 658, 660, 661, 662, 663, 664, 665, 666, 667, 668, 676, 678, 696, 741, 742, 778, 780, 816, 820, 822, 823, 824, 825, 826, 827, 874, 890, 961
Lester Nos: 14008, 14013, 14014, 14029, 14030
WAI Ref. Nos: 1-1372-01LU, 1-1378-01LU, 1-1549-01LU, 1-1551-01LU
Dim: M5 x 0.8 x 13mm Mtg. Post
Features:
• 9-25A diodes



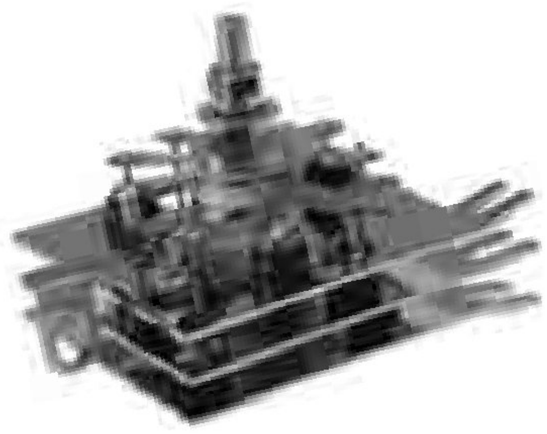
ILR295-1
(Ref# 31-9202)
Rectifier

For: Lucas IR/EF Alternators
Used On: (1981-71) Austin, MG, Triumph
Replaces: Jaguar 37H-7965, RTC-1004, UKC-1657; Lucas 83295, 84124, 84459, UBB111
Unit Nos: Lucas 23745, 23747, 23748, 23750, 23793, 23795, 23796, 23797, 23804, 23805, 23818, 23843, 23844, 23845
Lester Nos: 14029, 14030
WAI Ref. Nos: 1-1372-01LU, 1-1378-01LU
Dim: M5 x 0.8 x 13mm Mtg. Post
Features:
• 9-25A diodes



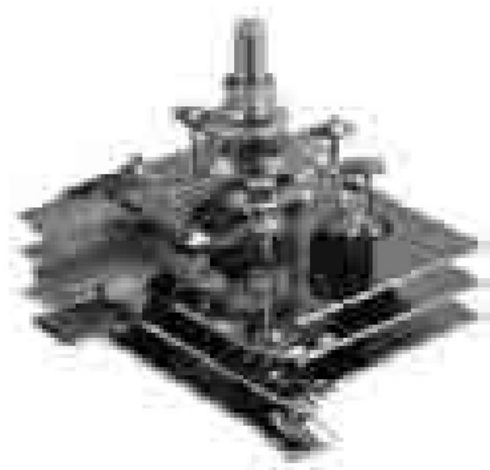
ILR320-1
(Ref# 31-9203)
Rectifier

For: Lucas IR/EF Alternators
Used On: (1978-74) MG
Replaces: Lucas 60211170, 83320, UBB112
Unit Nos: Lucas 23746, 23756, 23806, 23832, 23849, 23892
Lester Nos: 14050
WAI Ref. Nos: 1-1376-01LU
Dim: M5 x 0.8 x 13mm Mtg. Post
Features:
• 9-25A diodes



ILR422-1
(Ref# 31-9204)
Rectifier

For: Lucas IR/EF Alternators
Used On: (1981-76) Jaguar, Triumph
Replaces: Jaguar AAU-2871; Lucas 83422, 83633, 84718, UBB113; Massey Ferguson 1894568-M1, 1897092-M1
Unit Nos: Lucas 23835, 23838, 23859, 23864, 23868, 23869, 23876, 23877, 23881, 23957, 23958, 23967, 24017, 24018, 24029, 24030, 24032, 24044, 24045
Lester Nos: 13146, 13163, 13164, 14031, 14054, 14056, 14085
WAI Ref. Nos: 1-1316-01LU, 1-1322-01LU, 1-1373-01LU, 1-1380-01LU, 1-1381-01LU, 1-1382-01LU, 1-1383-01LU
Dim: M5 x 0.8 x 13mm Mtg. Post
Features:
• 9-25A diodes



ILR452-1
(Ref# 31-9205)
Rectifier

For: Lucas IR/EF Alternators
Used On: (1976-71) Jaguar; Massey Ferguson
Replaces: Ford 75AB-10304-AA; Jaguar AAU-8483, BAU-1830; Lucas 83452, 83634, 84717, UBB130; Massey Ferguson 1895097-M1, Talbot 35140800; Vauxhall 91062513, 91103214
Unit Nos: Lucas 23833, 861, 862, 863, 867, 882, 883, 884, 885, 886, 894, 895, 897, 898, 899, 900, 901, 902, 907, 908, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 951, 952, 953, 954, 955, 956, 964, 968, 972, 973, 974, 995; 24013, 015, 016, 031, 033, 073, 124
Lester Nos: 14023, 14024, 14050
WAI Ref. Nos: 1-1315-01LU, 1-1376-01LU
Dim: M5 x 0.8 x 13mm Mtg. Post
Features:
• 9-25A diodes

115mm OD



ILR530-1
(Ref# 31-9217)
Rectifier

For: Lucas Alternators
Used On: Auto Biancho, Fiat, Seat
Replaces: Lucas 83565, 83670, 83784, 84757, 84760, 84761, UBB117, UBB120, UBB124
Unit Nos: Lucas 24041, 24060, 24167, 24168, 24171
Dim: 115mm OD
M6 x 1.0 Batt. Post
Features:
• 6-25A/200V diodes



ILR531-1
(Ref# 31-9213)
Rectifier

For: Lucas 34-36A IR/EF Alternators
Used On: Case, Ford, IHC, Lotus, Land Rover, Massey Ferguson, Reliant, Renault Truck
Replaces: Lucas 83563, 84719, UBB115
Unit Nos: Lucas 23972, 23973, 23974, 23983, 23984, 23985, 23986, 24023, 24024, 24026, 24027, 24028, 24035, 24051, 24052, 24058, 24059, 24061, 24062, 24063, 24064, 24065, 24066, 24082, 24083, 24085, 24087, 24091, 24092, 24094, 24095, 24099, 24131, 24132, 24133, 24135, 24147, 24170, 24179, 24180, 24181, 24182, 24183, 24184, 24185, 2421A, 24211, 24237
Lester Nos: 12038, 12041
WAI Ref. Nos: 1-1841-01LU
Dim: 115mm OD
Features:
• 6-25A/200V diodes



ILR532
(Ref# 31-9214)
Rectifier

For: Lucas Alternators
Used On: Ford Tractors, International Harvester
Replaces: Lucas 83642, UBB129
Dim: 115mm OD
Features:
• 6-25A/200V diodes



ILR550-1
(Ref# 31-9218)
Rectifier

For: Lucas Alternators
Used On: Jaguar, Land Rover, Range Rover, Triumph
Replaces: Lucas 83839, 84766, UBB125
Dim: 115mm OD
M6 x 1.0 Batt. Post
Features:
• 6-25A/200V diodes



ILR551-1
(Ref# 31-9206)
Rectifier

For: Lucas A133 Series 30-55A IR/EF Alternators
Used On: Austin Rover, Ford, Land Rover, Lotus, Massey Ferguson
Replaces: Ford 81AB-10304-BA; Lucas 83567, 83623, 84720, UBB116, UBB127; Massey Ferguson 1895344-M1, 1897344-M1; Perkins 28710243; Rover BAU1996, BAU2191, RTC3213
Unit Nos: Lucas 23996, 23997, 23998, 23999, 24020, 24025, 24034, 24054, 24067, 24068, 24069, 24070, 24071, 24072, 2407, 24086, 24088, 24089, 24090, 24098, 24114, 24115, 24116, 24117, 24128, 24149, 24151, 24153, 24164, 24165, 24204
WAI Ref. Nos: 1-1841-01LU
Dim: 115mm OD
M6 x 1.0 Batt. Post
Features:
• 6-25A/200V diodes



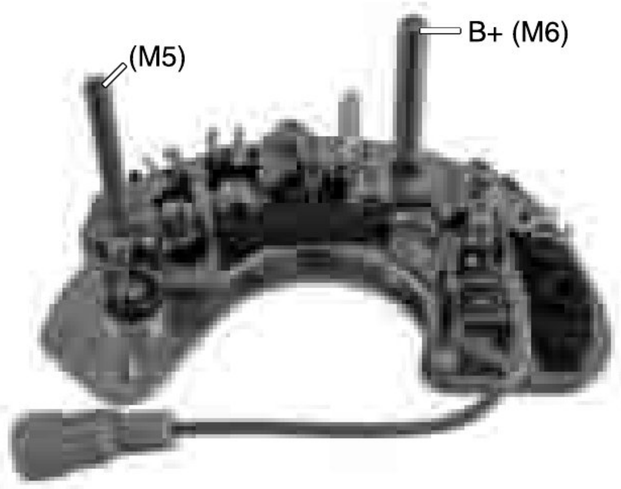
ILR553-1
(Ref# 31-9207)
Rectifier

For: Lucas IR/EF Alternators
Used On: Massey Ferguson, Triumph
Replaces: Lucas 83569, 83571, 84765, UBB118, UBB126; Massey Ferguson 3475823-M1, Rover AEU1527J
Unit Nos: Lucas 23969, 24010, 24011, 24046, 24047, 24055, 24091, 24093, 24100, 24125, 24126, 24127
Lester Nos: 13146, 13163
WAI Ref. Nos: 1-1381-01LU, 1-1383-01LU
Dim: 115mm OD
M6 x 1.0 Batt. Term.
Features:
• 6-25A/200V diodes



ILR554-1
(Ref# 31-9215)
Rectifier

For: Lucas 65A Alternators
Used On: Case, Ford, International Harvester, Reliant, Renault Truck, Triumph, Volvo
Replaces: Lucas 83646, 84768, UBB123
Unit Nos: Lucas 24049
Dim: 115mm OD
Features:
• 6-25A/200V diodes



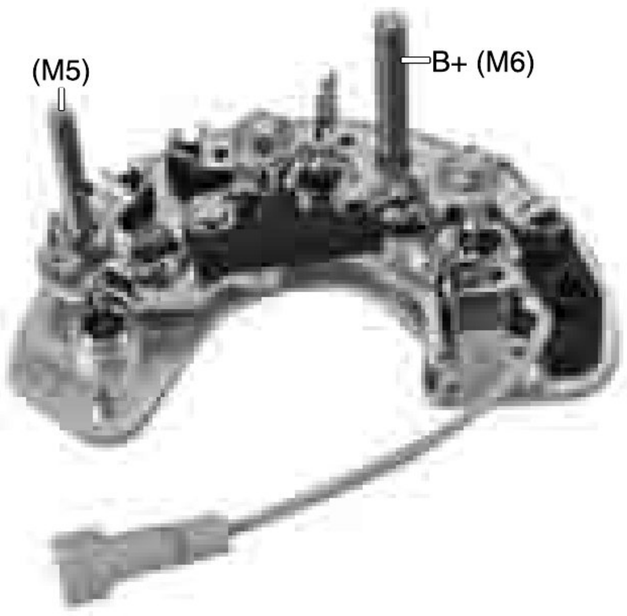
ILR566-1
(Ref# 31-9208)
Rectifier

For: Lucas A127 Series 55-70A IR/EF Alternators
Used On: Austin Rover, Case, Ford Tractor, Land Rover, Leyland, Massey Ferguson, Renault Truck
Replaces: Lucas 84201, 84422, 84454, UBB133, UBB135, UBB141
Unit Nos: Lucas 24145, 24156, 24157, 24158, 24161, 24169, 24198, 24199, 24200, 24202, 24208, 24231, 24240, 24256, 24273, 24274, 24276, 54022196, 54022226, 54022310, 54022336, 54022337, 54022481, 54022524; Marelli 54022336D
Dim: 115mm OD
M5 x 0.8 x 30mm Mtg. Post
M6 x 1.0 x 42mm Batt. Term.
Components:
84202 Diode Trio
Features:
• 6-25A/200V diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

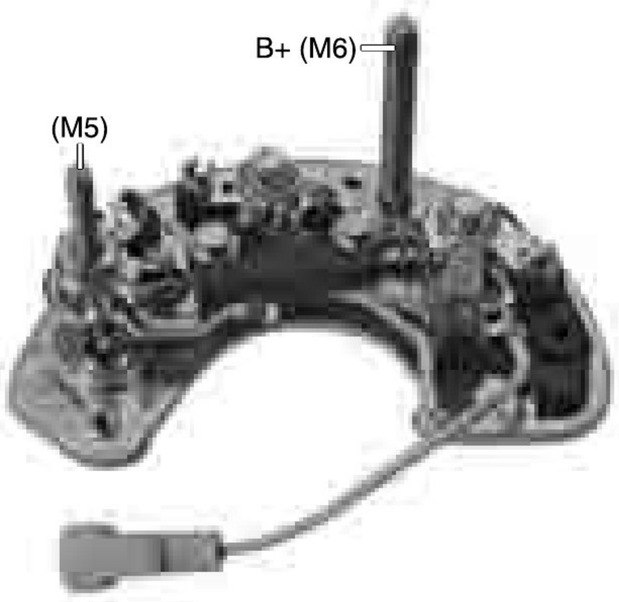
LUCAS

115mm OD (cont'd.)



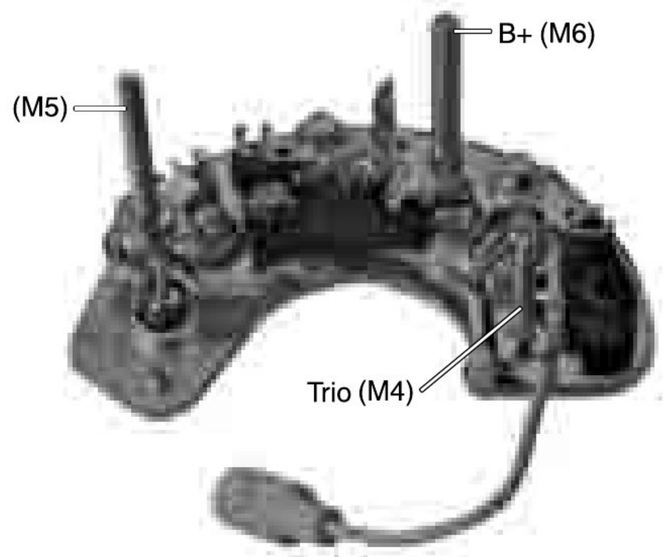
ILR566HD-2
Rectifier

Same as ILR566-1 except...
Features:
- Heavy Duty
- 6-35A OE style press-fit diodes



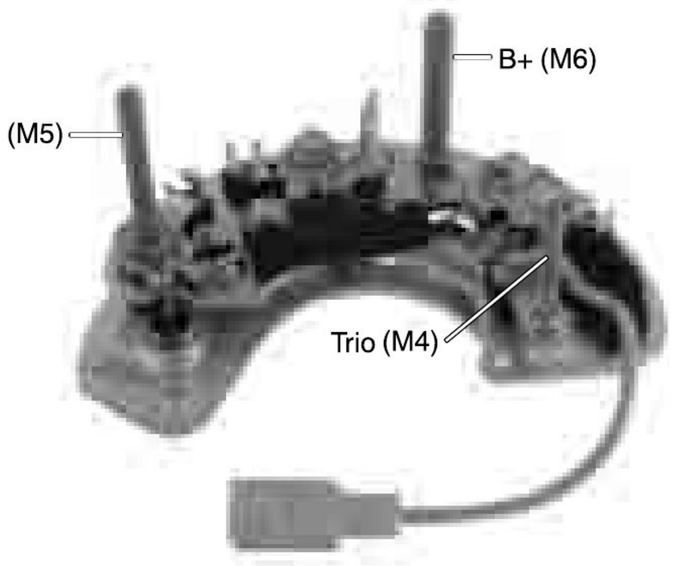
ILR567HD-2
Rectifier

For: Lucas A127 Series 45-55A IR/EF Alternators
Used On: Fiat, Ford Europe, Lancia, Yugo
Replaces: Lucas 84468, UBB136
Unit Nos: Lucas 24203, 24214, 54022128
Dim: 115mm OD
M5 x 0.8 x 44mm Mtg. Post
M6 x 1.0 x 51mm Batt. Term.
Components:
84202 Diode Trio
Features:
- Heavy Duty
- 6-35A OE style press-fit diodes



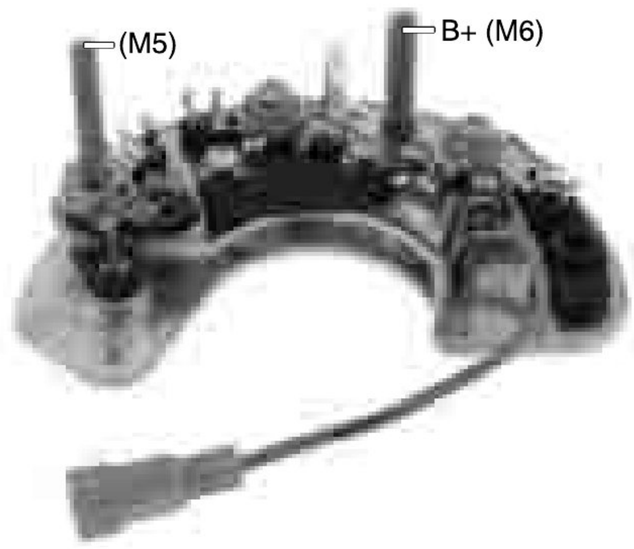
ILR568-1
(Ref# 31-9219)
Rectifier

For: Lucas A127 Series 55-70A IR/EF Alternators
Used On: Ford Tractor, Rover
Replaces: Ford 86AB-10304-B; Lucas 84469, UBB137, LBU5225; Rover RTC5371, RTC5671
Unit Nos: Lucas 24206, 24207, 24217, 24220, 24221, 54022159
Lester Nos: 12045, 12072
Dim: 115mm OD
M4 x 0.7 x 19mm D+ Term. (Trio)
M5 x 0.8 x 56mm Auxiliary Term.
M6 x 1.0 x 42mm Batt. Term.
Components:
84202 Diode Trio
Features:
- 6-25A/200V diodes



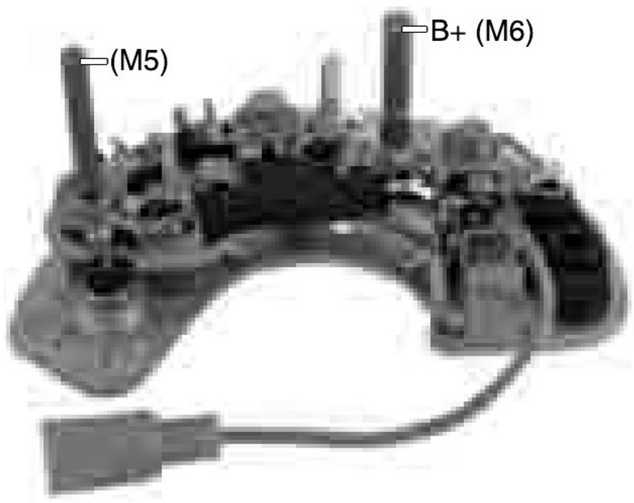
ILR568HD-2
(Ref# 31-9219)
Rectifier

Same as ILR568-1 except...
Features:
- Heavy Duty
- 6-35A OE style press-fit diodes



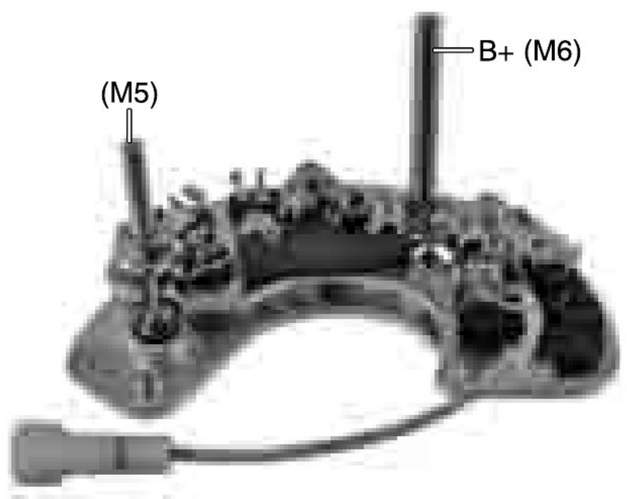
ILR569-1
Rectifier

For: Lucas IR/EF Alternators
Used On: Nissan Industrial, Rover
Replaces: Lucas 84574, UBB138; Nissan 23230-Q9000; Rover BAU5816
Unit Nos: Lucas 24223, 24235, 24322, 24356; 54022203, 54022238; Nissan 23100-Q9000
Dim: 115mm OD
M5 x 0.8 x 32mm Mtg. Post
M6 x 1.0 x 28mm Batt. Term.
Features:
- 6-25A/200V diodes



ILR569HD-2
Rectifier

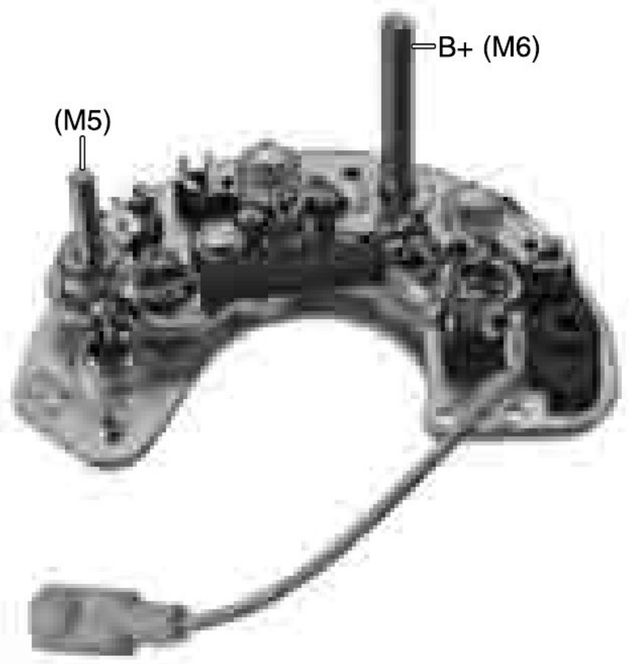
Same as ILR569-1 except...
Features:
- Heavy Duty
- 6-35A OE style press-fit diodes



ILR570-1
(Ref# 31-9220)
Rectifier

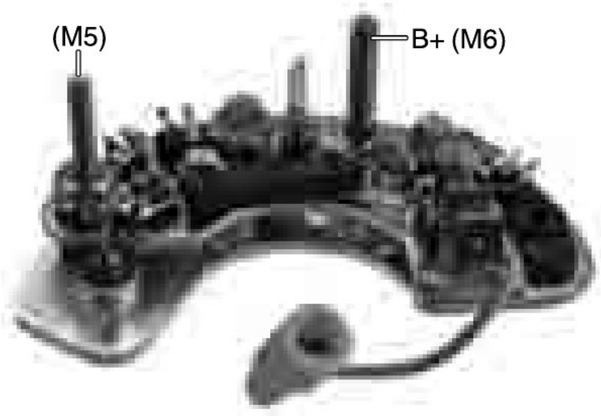
For: Lucas IR/EF Alternators
Used On: New Holland
Replaces: Ford 864F-10304-AA; Lucas 84456, UBB140
Unit Nos: Lucas 24188, 24213, 24230, 24264
(cont'd.)

(cont'd.)
Dim: 115mm OD
M5 x 0.8 x 44mm Mtg. Post
M6 x 1.0 x 51mm Batt. Term.
Note: For heavy duty version use ILR570HD-2
Components:
84202 Diode Trio
Features:
• 6-25A/200V diodes



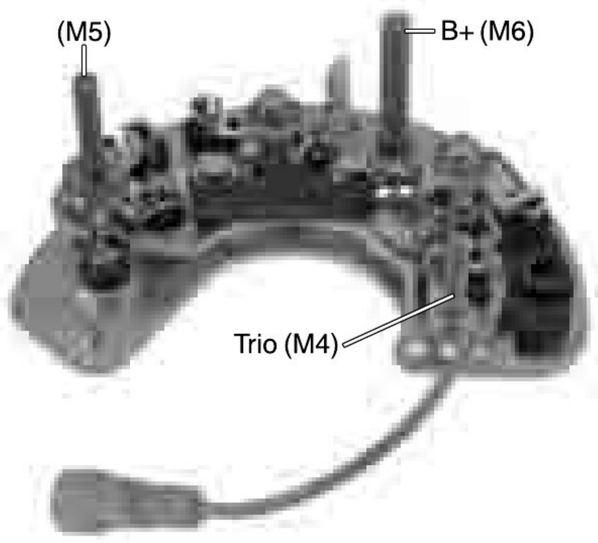
ILR570HD-2
Rectifier

Same as ILR570-1 except...
Features:
• Heavy Duty
• 6-35A OE style press-fit diodes



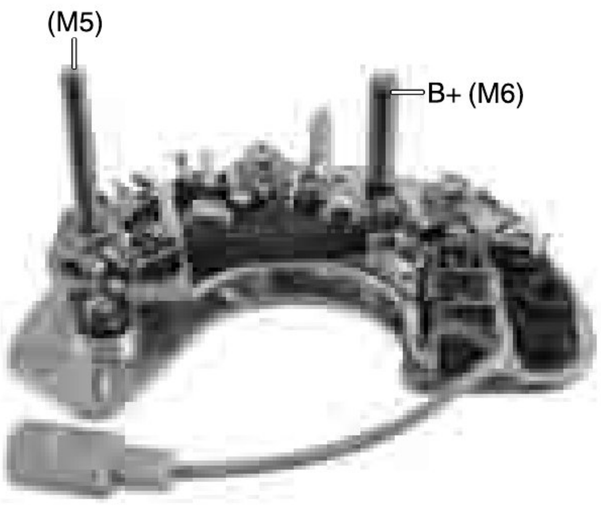
ILR571-1
Rectifier

For: Lucas IR/EF Alternators
Used On: Industrial Equipment
Replaces: Lucas 84889, UBB143
Unit Nos: Lucas 24262
Dim: 115mm OD
M5 x 0.8 x 44mm Mtg. Post
M6 x 1.0 x 27mm Batt. Term.
Note: With diode trio.
Features:
• 6-25A/200V diodes



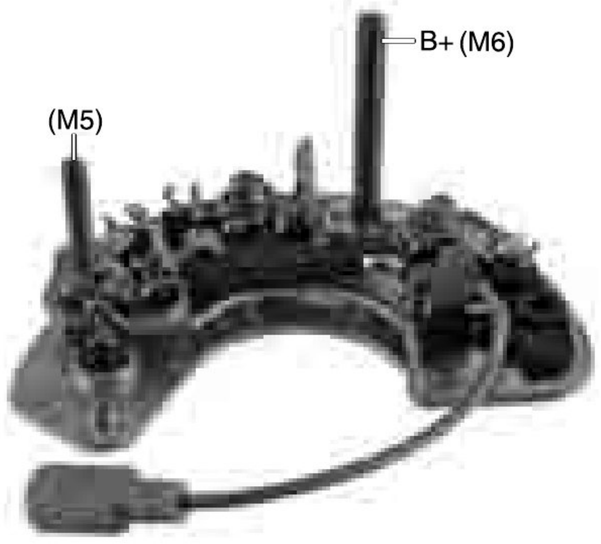
ILR572-1
(Ref# 31-9222)
Rectifier

For: Lucas IR/EF Alternators
Used On: Ford, Rover
Replaces: Ford 87BB-10304-CA, Lucas 84572, UBB145
Unit Nos: Lucas 24215, 24216, 24224, 24236, 24257, 24261, 24271
Dim: 115mm OD
M4 x 0.7 x 19mm D+ Term. (Trio)
M5 x 0.8 x 46mm Auxiliary Term.
M6 x 1.0 x 39mm Batt. Term.
Note: With diode trio.
Components:
84202 Diode Trio
Features:
• 6-25A/200V diodes



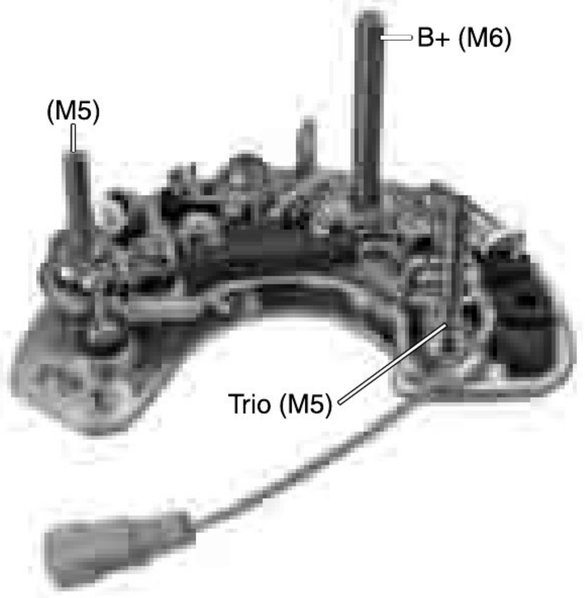
ILR573-1
Rectifier

For: Lucas IR/EF Alternators
Used On: Ford (Europe)
Replaces: Lucas 84855, 84885, UBB144
Unit Nos: Lucas 24260A
Lester Nos: 12072
Dim: 115mm OD
M5 x 0.8 x 56mm Mtg. Post
M6 x 1.0 x 28mm Batt. Term.
Features:
• 6-25A/200V diodes



ILR574-1
(Ref# 31-9221)
Rectifier

For: Lucas IR/EF Alternators
Used On: Industrial Applications
Replaces: Lucas 84888, UBB147
Unit Nos: Lucas 24255, 24287
Dim: 115mm OD
M5 x 0.8 x 44mm Auxiliary Term.
M6 x 1.0 x 46mm Batt. Term.
Components:
84202 Diode Trio
Features:
• 6-25A/200V diodes



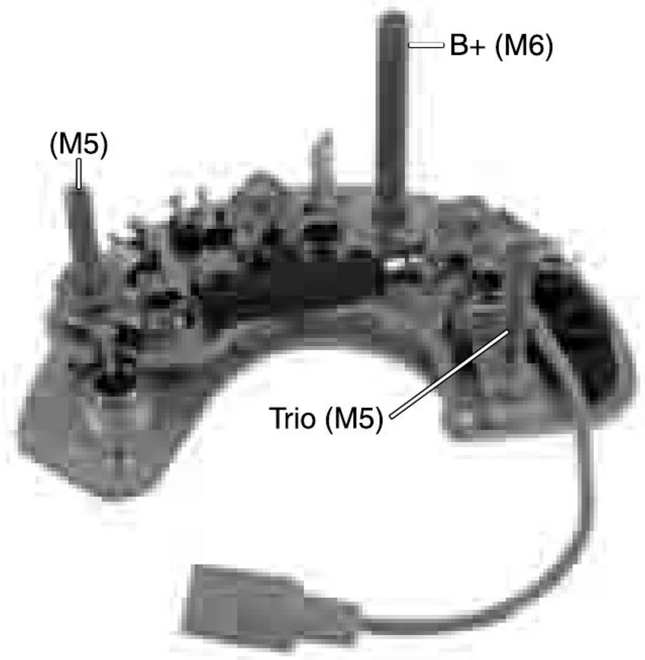
ILR576-1
(Ref# 31-9223)
Rectifier

For: Lucas IR/EF Alternators
Used On: Nissan Primera (non-USA)
Replaces: Lucas 84976; Marelli 63328506
Unit Nos: Lucas 24286, Nissan 23100-71J00
Dim: 115mm OD
M5 x 0.8 x 20mm D+ Term. (Trio)
M5 x 0.8 x 44mm Auxiliary Term.
M6 x 1.0 x 51mm Batt. Term.
Components:
84202 Diode Trio
Features:
• 6-25A/200V diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

LUCAS

115mm OD (cont'd.)



ILR576HD-2
Rectifier

Same as ILR576-1 except...
Features:
- Heavy Duty
- 6-35A OE style press-fit diodes

122mm OD



ILR601-1
(Ref# 31-9209)
Rectifier

For: Lucas A133 Series 75-80A IR/EF Alternators
Used On: (1989-80) Jaguar, Rover, Triumph
Replaces: Lucas 83763, UBB131
Unit Nos: Lucas 23970, 23971, 24056, 24101, 24102, 24142, 24173, 24250
Lester Nos: 13145, 13164, 14092, 14561
WAI Ref. Nos: 1-1317-01LU, 1-1324-01LU, 1-1373-01LU, 1-1384-01LU
Dim: 122mm OD
M6 x 1.0 Batt. Term.
Features:
- 6-25A/200V diodes

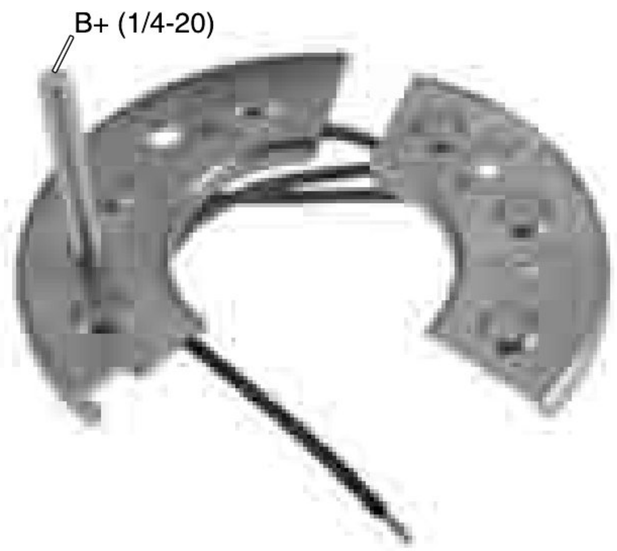


ILR602-1
(Ref# 31-9211)
Rectifier

For: Lucas A133 Series 80A IR/EF Alternators
Used On: (1990-87) Jaguar, Land Rover
Replaces: Lucas UBB139
Unit Nos: Lucas 24229, 24238
Lester Nos: 13436, 14095
WAI Ref. Nos: 1-1319-01LU, 1-1374-01LU
Dim: 122mm OD
M6 x 1.0 Batt. Term.
Features:
- 6-25A/200V diodes

MANDO

External Fan



IYR795
(Ref# 31-8600)
Rectifier

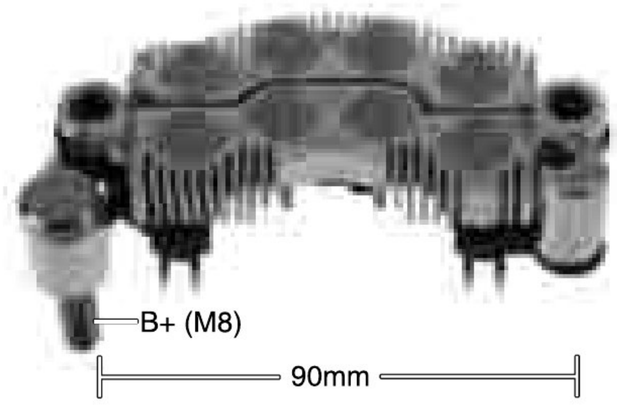
For: Mando 55A IR/EF Alternators
Used On: Mercury Marine, Melroe Bobcats
Unit Nos: Mando AR150A, AR150BA
Lester Nos: 12174
Dim: 110mm OD
1/4-20 x 1-5/8 Batt. Term.
Note: With diode trio.
Features:
- 6-50A can diodes



IMR5005
Rectifier

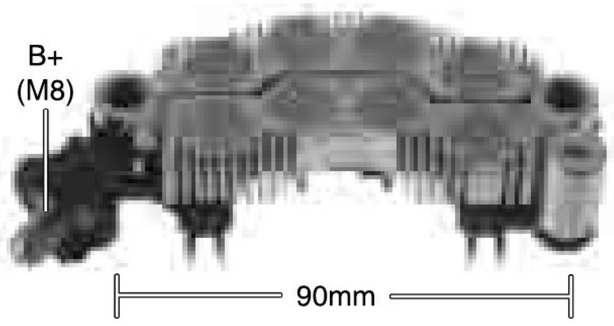
For: Mando 51-55A IR/EF Alternators
Used On: Bobcat, Mercury Marine, Tennant Streetsweeper
Replaces: Mercury Marine 811875, 811875T
Unit Nos: Mando A000B0331, A000B0471K, A00B0431, AC155515, AC155603;
Mercury Marine 81175, 817119A1, 817119A4;
OMC 3853853, 3854182, 3854809;
Tennant 60559; Valeo AC155515;
Volvo-Penta 3850927-9, 3853853-4, 3854182-7, 3854809-5
Lester Nos: 12174
WAI Ref. Nos: 1-1947-01MD, 1-2462-31MD
Dim: 108mm OD
1/4-20 Batt. Term.
Note: With heavy duty diode trio.
Features:
- 6-25A can diodes

Internal Fan



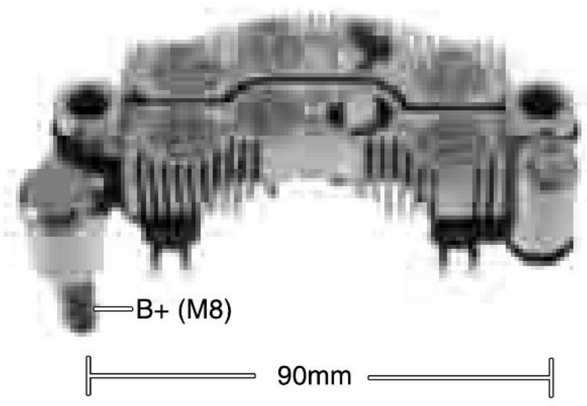
IYR9003
Rectifier

For: Mando 90A IR/IF Alternators
Used On: Bobcat
Unit Nos: Bobcat 6675292, 6678205; Valeo TA000A48401, TA000A48402
Lester Nos: 12390
WAI Ref. Nos: 1-2466-01MD
Dim: 90mm Mtg. Length
M8 x 1.25 Batt. Term.
Features:
- 8-50A press-fit avalanche diodes
- Crimp-weld diode terminations
- Heavy duty trio & capacitor



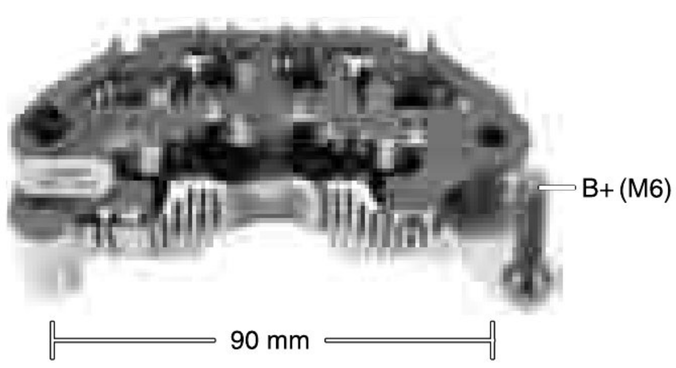
IYR9016
Rectifier

For: Mando 95A IR/IF Alternators
Used On: (1999) Hyundai
Unit Nos: Hyundai 37300-37110, Mando AB195116
Lester Nos: 13782
Dim: 90mm Mtg. Length
M8 x 1.25 Batt. Term.
Features:
- 8-50A press-fit avalanche diodes
- Crimp-weld diode terminations
- Heavy duty trio & capacitor



IYR9028
(Ref# 31-8602)
Rectifier

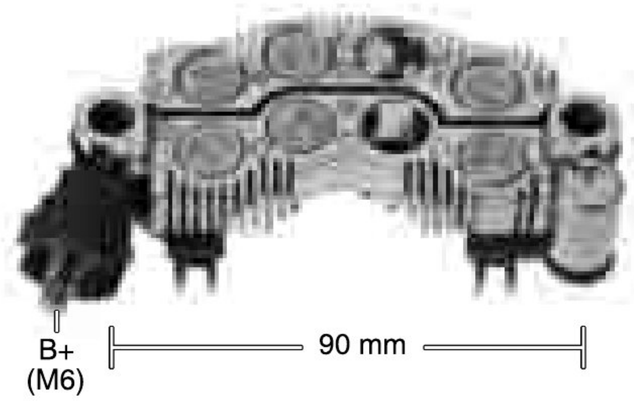
For: Mando 90A IR/IF Alternators
Used On: (2003-00) Hyundai
Replaces: Hyundai 37370-22600
Unit Nos: Hyundai 37300-22600, Mando AB180128
Lester Nos: 13839
WAI Ref. Nos: 1-2378-01MD
Dim: 90mm Mtg. Length
M8 x 1.25 Batt. Term.
Features:
- 6-50A press-fit avalanche diodes
- Crimp-weld diode terminations
- Heavy duty trio & capacitor



IYR9058
(Ref# 31-8601)
Rectifier

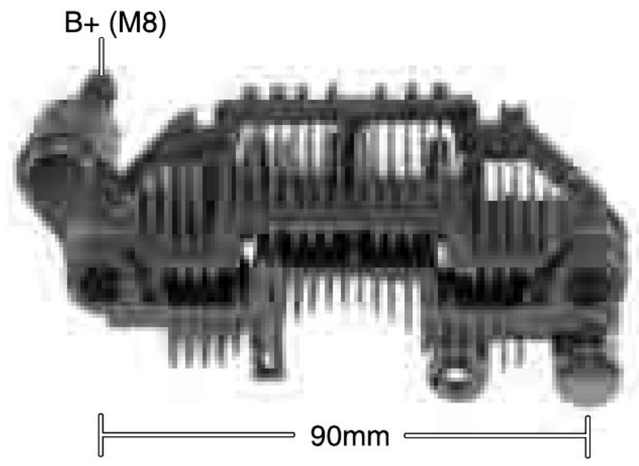
For: Mando 90A IR/IF Alternators
Used On: (2001-97) Hyundai
Unit Nos: Hyundai 37300-22200, Mando AB190058
Lester Nos: 13702
WAI Ref. Nos: 1-2059-01MD
(cont'd.)

(cont'd.)
Dim: 90mm Mtg. Length
M6 x 1.0 x 22mm Batt. Term.
Note: With capacitor & diode trio.
Features:
- 8-50A press-fit diodes
- Crimp-weld diode terminations
- Heavy duty trio & capacitor



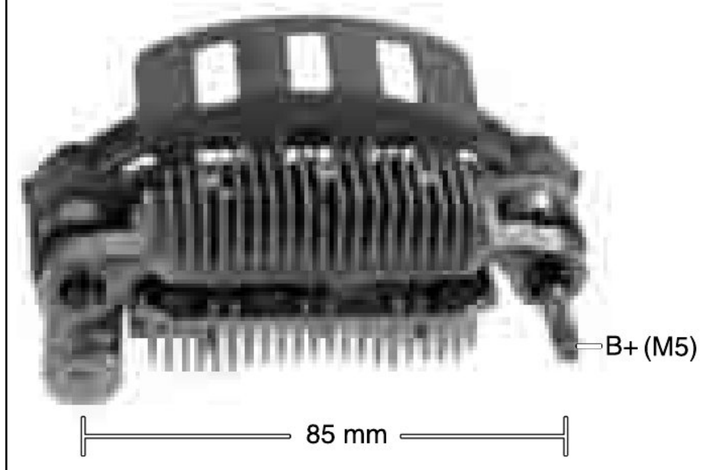
IYR9094
Rectifier

For: Mando 70A IR/IF Alternators
Used On: (2004-98) Kia
Unit Nos: Kia OK2A2-18-300, Mando AB170094
Lester Nos: 13785
WAI Ref. Nos: 1-2202-01MD
Dim: 90mm Mtg. Length
M6 x 1.0 Batt. Term.
Features:
- 6-50A press-fit diodes
- Crimp-weld diode terminations
- Heavy duty trio & capacitor



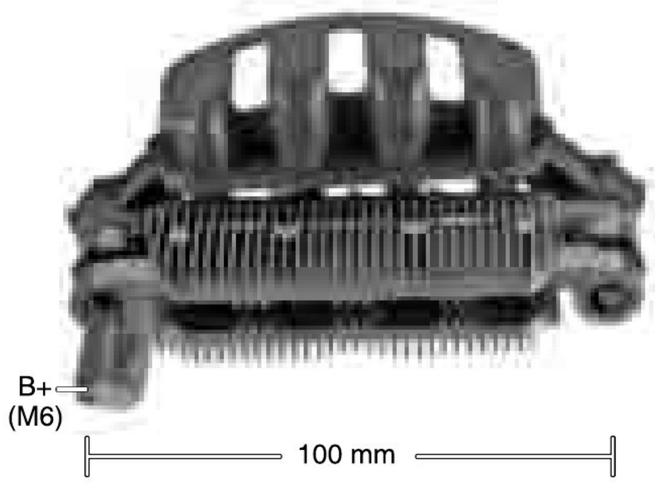
IYR9126
Rectifier

For: Mando 95A IR/IF Alternators
Used On: (2003-99) Hyundai, Kia
Unit Nos: Hyundai 37300-38310, Mando AB195126
Lester Nos: 13783
WAI Ref. Nos: 1-2288-01MD
Dim: 90mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With capacitor & diode trio.
Features:
- 8-40A diodes



IYR8510
Rectifier

For: Mando 75-80A IR/IF Alternators
Used On: (1997-95) Kia
Unit Nos: Kia OK24A-18-300A, OK29T-18-300; Mando AB170066, AB180092
Lester Nos: 13730, 13731
WAI Ref. Nos: 1-2104-01MD, 1-2105-01MD
Dim: 85mm Mtg. Length
M5 x 0.8 x 19mm Batt. Term.
Note: With diode trio.
Features:
- 6-30A diodes



IYR10038
Rectifier

For: Mando 75-90A IR/IF Alternators
Used On: (1998-92) Hyundai
Replaces: Hyundai 37367-33010
Unit Nos: Hyundai 37300-33010, -33030, -33101, -33103; Mando AB175020, AB190025
Lester Nos: 13249, 13289
WAI Ref. Nos: 1-1227-01MD, 1-1434-01MD
Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio.
Features:
- 8-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

MANDO

Internal Fan (cont'd.)



IYR751
Rectifier
For: Mando IR/IF Alternators
Used On: Kia (non-USA)
Unit Nos: Hyundai 37300-32510, Mando AR175AA
Dim: 88mm OD
Note: With heavy duty diode trio.
Features:
• 8-25A diodes



IXR543
Rectifier
For: Marelli 100A IR/IF Alternators
Used On: (1995-94) Land Rover
Replaces: Marelli 5402243B
Unit Nos: Marelli 63320228, 63320289, 63320315, 63321243, 63321253, 63341243, 63441243; Rover AMR3107
Lester Nos: 13725
WAI Ref. Nos: 1-2128-01MM
Dim: 104mm OD
M8 x 1.25 Batt. Term.
Note: With diode trio.
Features:
• 6-30A diodes



IXR634
(Ref# 31-9338)
Rectifier
For: Marelli IR/IF Alternators
Used On: Fiat, Land Rover
Replaces: Marelli 63623701, 63624901
Unit Nos: Marelli 63321240, 63341240; Rover AMR2938
Lester Nos: 13726
WAI Ref. Nos: 1-2186-01MM
Dim: 111mm OD
M8 x 1.25 Batt. Term.
Features:
• 8-50A press-fit avalanche diodes

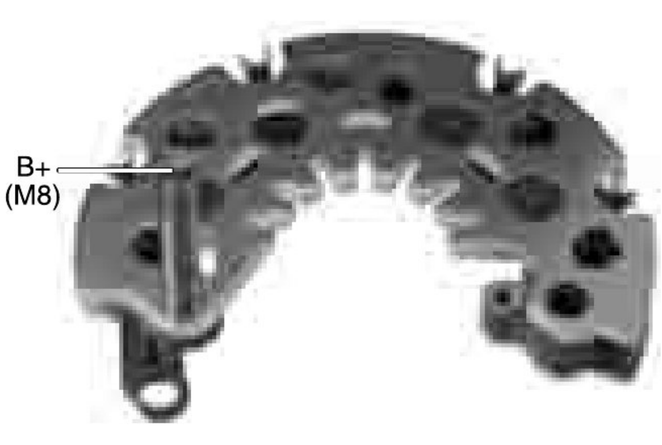
MARELLI



IXR542
Rectifier
For: Marelli 85-100A IR/IF Alternators
Used On: (1995-91) Land Rover; Allis-Chalmers, Ford Tractor
Replaces: Fiat 9946071; Marelli 00084574, 54209741, 83610231
Unit Nos: Marelli 54022437, 54022443B, 54022459, 54022469, 54022470, 54022510, 54022536, 54022591, 54022606, 54022646, 54022647, 54022651, 54022656, 63320312, 63320313, 63320314, 63321285, 63321358, 63322469, 63324320, 63324380, 63324390, 63340003, 63340005; Rover STC232, YLE10099, YLE10100
Lester Nos: 12094, 13696, 13697
WAI Ref. Nos: 1-2003-01MM, 1-2004-01MM, 1-2454-01MM
Dim: 104mm OD
M6 x 1.0 Batt. Term.
Note: With diode trio.
Features:
• 6-30A diodes



IXR633
Rectifier
For: Marelli IR/IF Alternators
Used On: Fiat (non-USA)
Replaces: Marelli 63623301, 63623501
Unit Nos: Marelli 63320200, 63320203, 63320204, 63320219, 63320227, 63320238, 63321200, 63321204, 63321205, 63321233, 63321234, 63321235, 63321252
Dim: 111mm OD
M8 x 1.25 Batt. Term.
Features:
• 6-50A press-fit avalanche diodes



IXR642
Rectifier
For: Marelli IR/IF Alternators
Used On: Alfa Romeo, Fiat
Replaces: Marelli 63624201, RDD42, RDD42A, RDD760724
Unit Nos: Marelli 63321418, 63321419, 63321423, 63321426
Dim: 121mm OD
M8 x 1.25 x 40mm Batt. Term.
Features:
• 6-50A press-fit avalanche diodes



IXR719
Rectifier

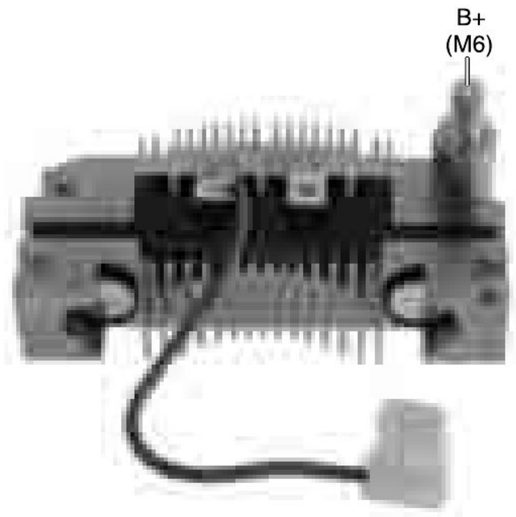
For: Marelli IR/IF Alternators
Used On: Fiat, Land Rover
Replaces: Marelli 63624202, RDD42B
Unit Nos: Marelli 63320334, 63320335, 63320336, 63321261
Dim: 121mm OD
M6 x 1.0 x 1.25 x 25mm Batt. Post
Features:
• 6-50A press-fit avalanche diodes



IXR691-1
(Ref# 31-9302)
Rectifier

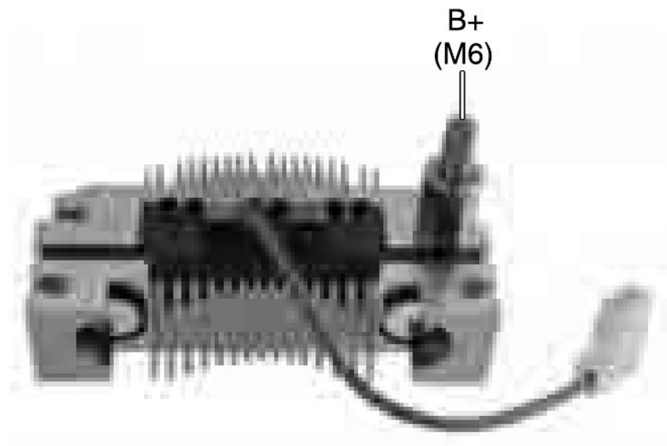
For: Marelli 30-55A ER/EF, IR/EF Alternators
Used On: (1980-75) Fiat, Lancia
Replaces: Ducellier 593053;
Fiat 9934595, 9934958, 9957720;
Marelli 64826011, 64826022, 64826040, 64877471, 64878691, 74878691, 74986301, 85560001
Unit Nos: Marelli 62307526, 63300320, 63300515; 63300905, 25; 63305000, 20; 63305100, 01, 02, 03, 20, 22, 23, 30, 31, 50; 63305226, 36, 46, 56, 70; 63305300, 10; 63305400, 01, 02, 03, 04, 05, 06, 20, 23, 25, 26, 30, 32, 40, 42, 50; 63305506, 26, 36, 56; 63305566, 01, 21, 40, 60, 90; 63305700, 01, 11, 12, 20, 21, 30, 31, 32; 63305800, 01, 02, 20, 21, 22, 32, 42, 62; 63305900, 20; 63306050, 60, 70, 79, 89; 63306350, 60, 69, 70, 79, 80, 89, 99; 63306500, 20; 63306700, 01, 20, 21, 30; 63307100, 01, 03, 05, 06, 07, 08, 20, 23, 25, 26, 27, 28, 30, 31, 50, 60; 63307206, 07, 08, 18, 27, 36, 46, 56; 63307401, 02, 03, 05, 06, 07, 08, 09, 10, 20, 23, 25, 26, 27, 28, 29, 30, 31, 41, 42, 50, 52, 60, 70, 90; 63307503, 06, 08, 09, 18, 23, 26, 36, 56, 66; 63307602, 04, 22, 24, 34; 63307801, 02, 04, 05, 21, 22, 24, 32, 41, 42, 51, 62, 72; 63308300, 10, 30, 40, 50, 60, 70, 80, 99; 63308701, 21, 31
(cont'd.)

(cont'd.)
Lester Nos: 14057, 14293, 14294, 14295, 14558
WAI Ref. Nos: 1-1338-01MM, 1-1342-01MM, 1-1343-01MM
Dim: 17.5mm Thk. Heat Sink
Note: With diode trio.
Features:
• 6-50A diodes



IXR692-1
(Ref# 31-9305)
Rectifier

For: Marelli 30-55A Alternators
Used On: Alfa Romeo, Autobianchi, Fiat, Fiatallis, Iveco, Lamborghini, Lancia, Lister-Petter, Seat, Simit, Unic Motore
Replaces: Ducellier 593054;
Marelli 63621501, 74877471
Unit Nos: Marelli 63305206, 431; 63306000, 300; 63311775; 63320001, 002, 003, 004, 005, 006, 007, 008, 010, 012, 021, 022, 023, 024, 025, 028, 030, 031, 034, 047, 052, 053, 056, 057, 073, 091, 094, 097, 102, 112, 118; 63321000, 001, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 013, 015, 016, 028, 029, 035, 036, 037, 039, 041, 042, 044, 045, 046, 047, 048, 049, 050, 052, 055, 058, 059, 060, 061, 063, 067, 071, 078, 079, 080, 095, 097, 102, 103, 107, 109, 110, 112, 113, 137, 138, 159, 165, 171, 172, 175, 176, 189, 197, 428
Lester Nos: 12026, 14294
WAI Ref. Nos: 1-1343-01MM
Dim: M6 x 1.0 Batt. Term.
17.5mm Thk. Heat Sink
Note: With diode trio and lead
Features:
• 6-50A diodes



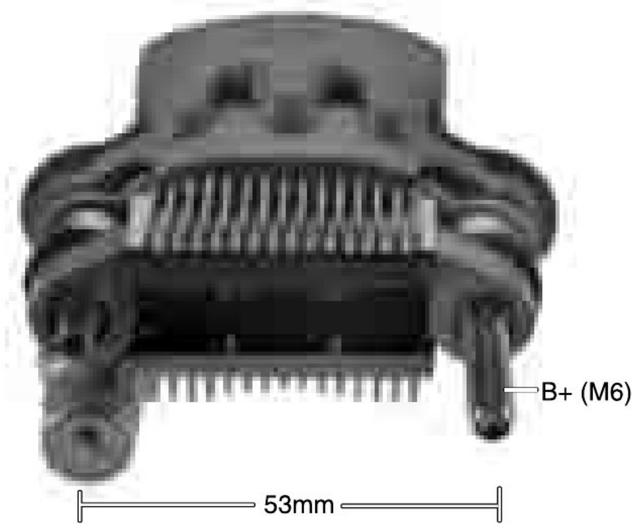
IXR693-1
(Ref# 31-9304)
Rectifier

For: Marelli Alternators
Used On: Fiat, Lancia, Maserati, Seat, Unic Motore
Replaces: Fiat 4808510, 4808513, 4808517, 4808518, 7541401, 7542145, 7548004, 7552382, 7553788, 7554832, 7554833;
Marelli 63320013, 63320015, 63320016, 63320017, 63320018, 63320026, 63321019, 63321020, 63321021, 63321022, 63321023, 63321025, 63321056, 63321064, 63621601
Unit Nos: Marelli 63320020, 032, 035, 040, 044, 045, 048, 049, 055, 058, 082, 083, 105, 110, 111, 122; 63321017, 024, 027, 031, 033, 062, 068, 070, 072, 077, 082, 086, 087, 088, 090, 091, 098, 099, 106, 108, 111, 116, 117, 123, 136, 141, 146, 149, 150, 151, 167, 173, 174, 183, 188
Dim: 19.5mm Thk. Heat Sink
M6 x 1.0 Batt. Term.
Note: With diode trio and lead
Components:
32-735 Button Diode
Features:
• 6-50A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

MITSUBISHI

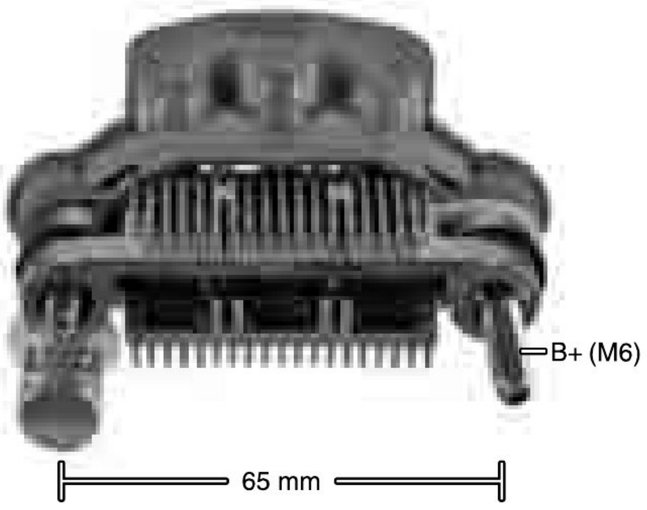
53mm Mtg (Finned Heat Sink)



IMR5340
(Ref# 31-8333)
Rectifier

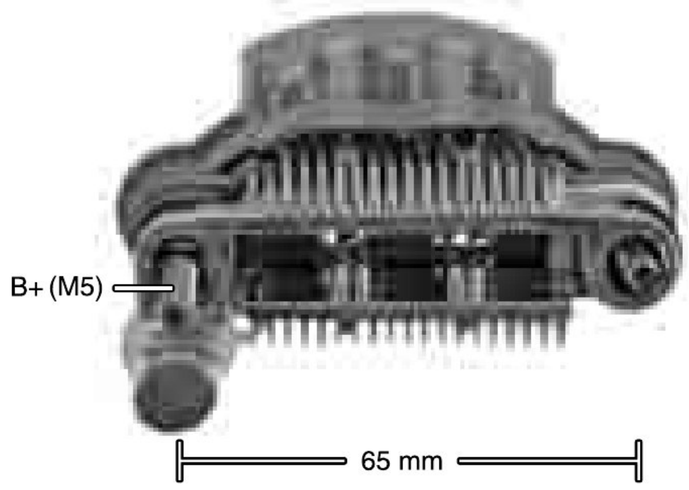
For: Mitsubishi 50A IR/IF Alternators
Used On: (1987) Subaru
Replaces: Mitsubishi A860T14670, A860T27570;
Subaru 23830-KA060, 49521-6404
Unit Nos: Mitsubishi A7T30492;
Subaru 23700-KA170, 42990-6400, 42990-6500
Lester Nos: 13318, 14967
WAI Ref. Nos: 1-1254-01MI
Dim: 53mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes

65mm Mtg (Finned Heat Sink)



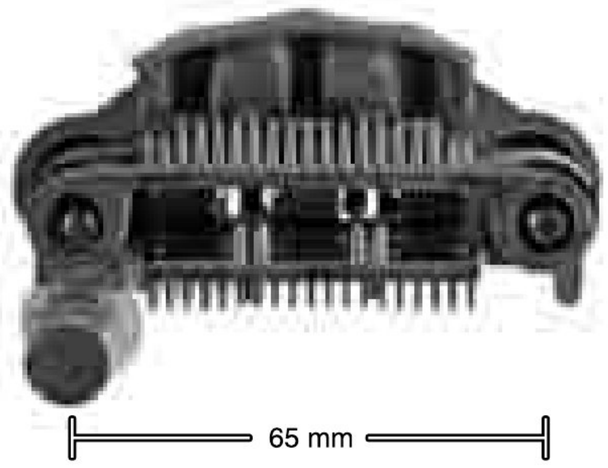
IMR6540
(Ref# 31-8317)
Rectifier

For: Mitsubishi 55A IR/IF Alternators
Used On: (1988) Subaru
Replaces: Mitsubishi A860T22770, Subaru 23830-KA070
Unit Nos: Mitsubishi A1T02592
Lester Nos: 14967
WAI Ref. Nos: 1-1254-01MI
Dim: 65mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



IMR6542
(Ref# 31-8305)
Rectifier

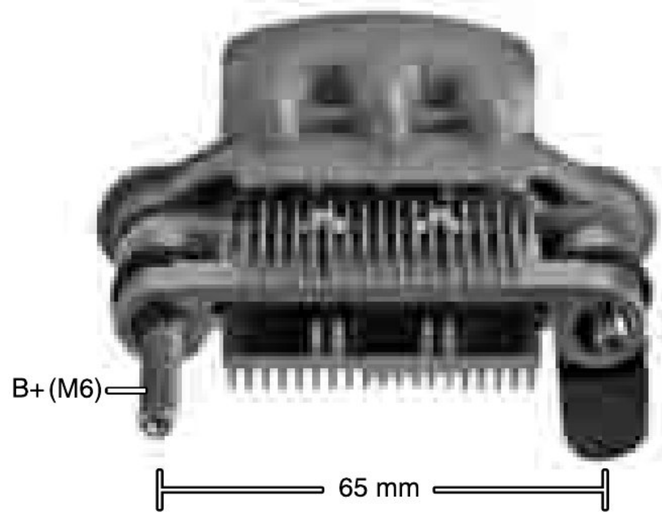
For: Mitsubishi 50-55A IR/IF Alternators
Used On: Chrysler Imports, Mazda, Mitsubishi
Replaces: Honda 31127-PEO-034, Mando A600C0171;
Mazda E356-18-W60A, FE65-24-510;
Mitsubishi A860T11970, A860T13370;
Mitsubishi Motors MD607828, MD611070
Unit Nos: Mazda F356-18-300A, F651-18-300C; F873-18-300A, B; FE65-18-300B, N304-18-300;
Mitsubishi A1T40391, A1T40491, A5T40374; Mitsubishi Motors MD069978, MD074992
Lester Nos: 14694, 14699, 14708, 14908, 14917, 14950
WAI Ref. Nos: 1-1162-01MI, 1-1193-01MI, 1-1194-01MI
Dim: 65mm Mtg. Length
M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



IMR6548
(Ref# 31-8323)
Rectifier

For: Mando, Mitsubishi 50-60A IR/IF Alternators
Used On: (1989-85) Dodge, Honda, Hyundai, Mitsubishi, Plymouth
Replaces: Honda 31127-PM3-004; Mitsubishi A860T16770, A860T27970; Mitsubishi Motors MD611254
Unit Nos: Mando AB155001, AR160A; Mitsubishi A1T01991, A1T02091, A1T02291, A1T04892, A1T40791, A1T40891
Lester Nos: 13266, 14694, 14708, 14876, 14917, 14950
(cont'd.)

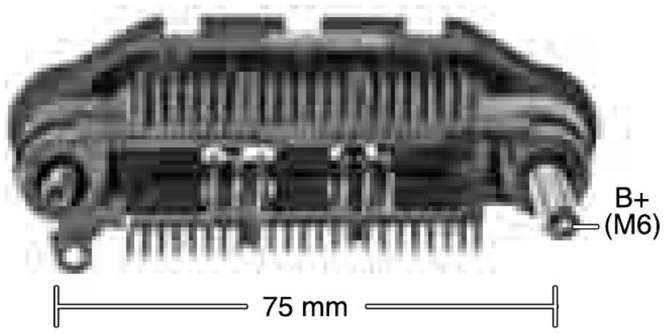
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WAI Ref. Nos: 1-1017-01MI, 1-1193-01MD, 1-1193-01MI, 1-1194-01MI, 1-1217-01MI
Dim: 65mm Mtg. Length
Note: With diode trio
Features:
• 6-30A diodes



IMR6570
(Ref# 31-8334)
Rectifier

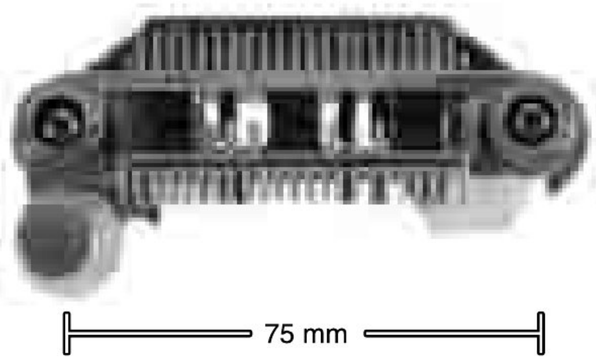
For: Mitsubishi 60A IR/IF Alternators
Used On: (1988-86) Nissan
Replaces: Mitsubishi A860T20570, A860X20599; Nissan 23124-53A10
Unit Nos: Mitsubishi A5T41592, A5T41592B
Lester Nos: 14718
WAI Ref. Nos: 1-1125-01MI
Dim: 65mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes

75mm Mtg (Finned Heat Sink)



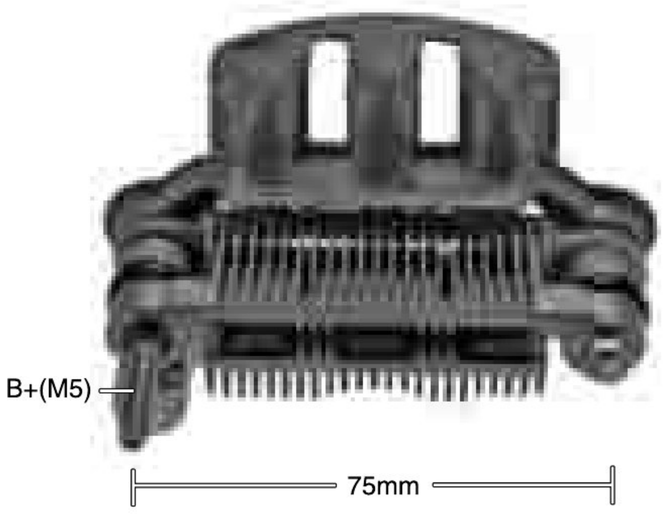
IMR7512
(Ref# 31-8300)
Rectifier

For: Mitsubishi 70A IR/IF Alternators
Used On: (1986-84) Nissan
Replaces: Mitsubishi A860T17170, Nissan 23124-04F10
Unit Nos: Mitsubishi A2T45272A
Lester Nos: 14657
WAI Ref. Nos: 1-1099-01MI
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



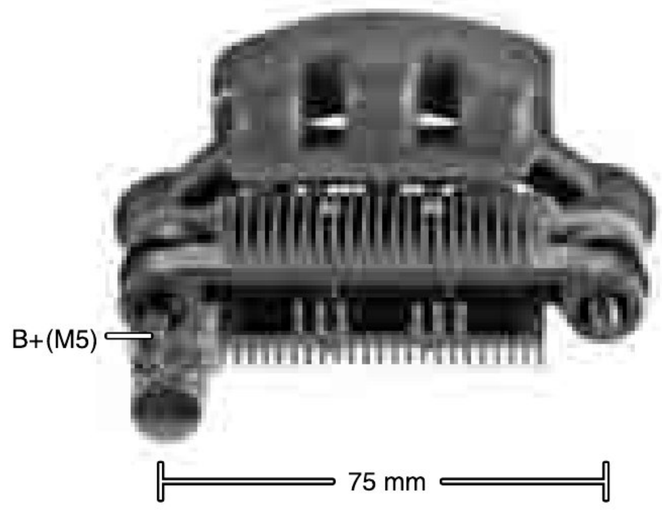
IMR7542
(Ref# 31-8301)
Rectifier

For: Mitsubishi 65A IR/IF Alternators
Used On: (1985-84) Mitsubishi
Replaces: Mitsubishi A860T13170, A860T22670;
Mitsubishi Motors MD607917
Unit Nos: Mitsubishi A2T41791, A2T41991, A2T42777
Lester Nos: 14447, 14693, 14697, 14706, 14709
WAI Ref. Nos: 1-1186-01MI, 1-1195-01MI
Dim: 75mm Mtg. Length
Note: With diode trio
Features:
• 6-30A diodes



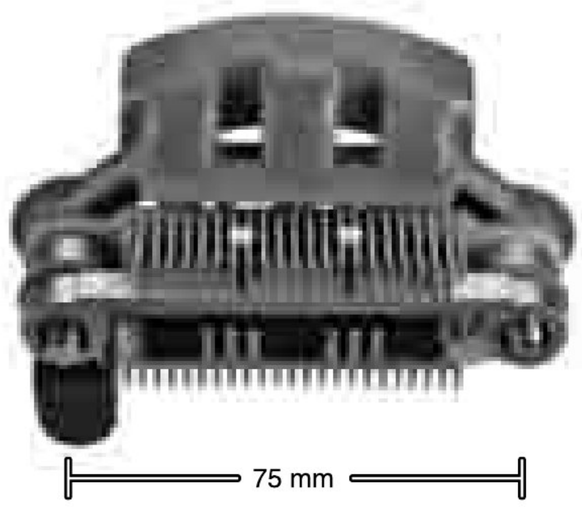
IMR7544
(Ref# 31-8303)
Rectifier

For: Mitsubishi 50-65A IR/IF Alternators
Used On: (1989-86) Ford, Mazda
Replaces: Ford E9BZ-10304-A; Mazda B359-18-W60, F811-18-W60, FE79-18-W60;
Mitsubishi A860T17970, A860T24270
Unit Nos: Mitsubishi A2T17872, A2T41677, A2T44991
Lester Nos: 13259, 14906
WAI Ref. Nos: 1-1141-01MI, 1-1173-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 Batt. Term.
Note: With diode trio
Features:
• 6-30A diode



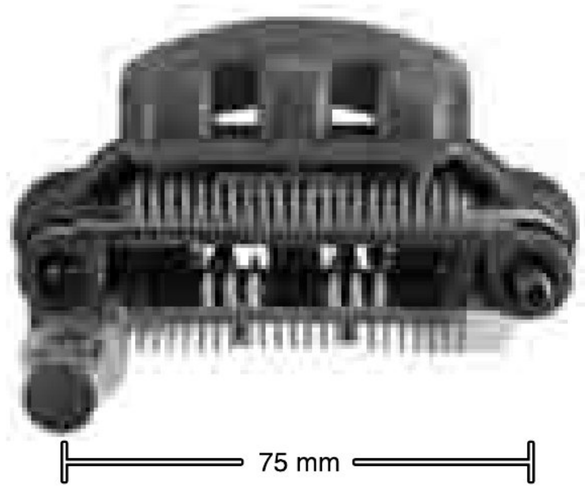
IMR7546
(Ref# 31-8335)
Rectifier

For: Mitsubishi 60-70A IR/IF Alternators
Used On: (1988-86) Mazda
Replaces: Ford E8GY-10304-A; Mazda B601-18-W60; E503-18-W60, -W60A; E5D3-18-W60A, -W60A;
Mitsubishi A860T17570, A860T19970
Unit Nos: Mitsubishi A2T04474, A2T13571, A2T13571A, A2T47371, A2T47371A, A2T47474, A2T47974
Lester Nos: 13182, 14903, 14910
WAI Ref. Nos: 1-1135-01MI, 1-2342-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio
Features:
• 6-30A diodes



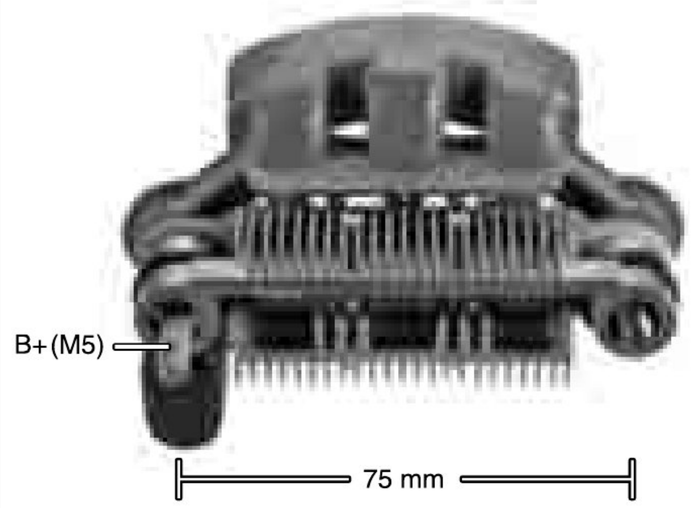
IMR7548
(Ref# 31-8319)
Rectifier

For: Mitsubishi 70A IR/IF Alternators
Used On: (1989-86) Nissan
Replaces: Mitsubishi A860T17270, A860X17299; Nissan 23124-08E16
Unit Nos: Mitsubishi A2T46395, A2T46395B, A2T48292, A2T48298
Lester Nos: 14243, 14720, 14723, 14724
WAI Ref. Nos: 1-1101-01MI, 1-1126-01MI, 1-1126-02MI
Dim: 75mm Mtg. Length
Note: With diode trio & B+ term. connection strap on opposite end of capacitor
Features:
• 6-30A diode



IMR7550
(Ref# 31-8322)
Rectifier

For: Mitsubishi 40-65A IR/IF Alternators
Used On: (1996-84) Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
Replaces: Hyundai 37367-32500; Mitsubishi A860T16970, A860T17770; Mitsubishi Motors MD611256, MD611307
Unit Nos: Mitsubishi A2T00991, A2T02271, A2T02471, A2T03072, A2T03471, A2T03477, A2T03892, A2T03972, A2T04271, A2T06871, A2T07292, A2T07292A, A2T09691, A2T09792, A2T14792, A2T17692, A2T43791, A2T43891, A2T43892, A2T48691, A2T48791, A2T49891, A2T49972, A2T49977, A2T49992
Lester Nos: 13197, 13332, 14427, 14428, 14429, 14430, 14431, 14432, 14433, 14436, 14437, 14438, 14445, 14447, 14693, 14697, 14706, 14709
WAI Ref. Nos: 1-1186-01MI, 1-1187-01MI, 1-1188-01MI, 1-1191-01MI, 1-1191-02MI, 1-1195-01MI, 1-1201-01MI, 1-1201-02MI, 1-1205-01MI, 1-1207-01MI, 1-1207-02MI, 1-1213-01MI, 1-1224-01MI, 1-2162-01MI
Dim: 75mm Mtg. Length
Note: With diode trio
Features:
• 6-30A diodes



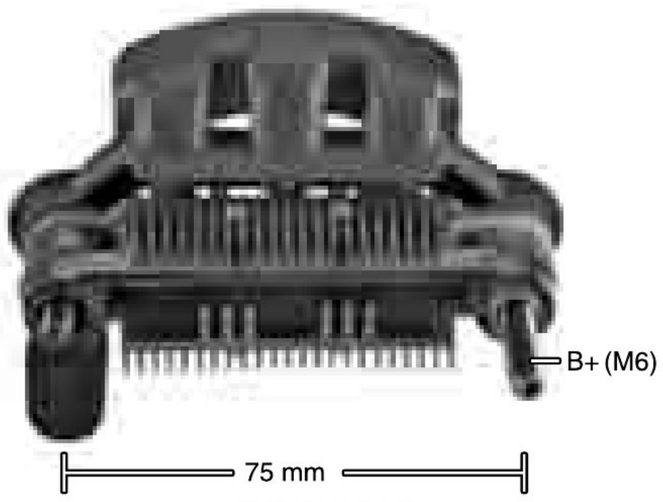
IMR7552
(Ref# 31-8324)
Rectifier

For: Mitsubishi 70A IR/IF Alternators
Used On: Nissan
Replaces: Mitsubishi A860T20270; Nissan 23124-58L10
Unit Nos: Mazda B665-18-300; Mitsubishi A2T02394, A2T02394B, A2T48472; Nissan 23100-07F11, -12C10, -12C11, -12C12
Dim: 75mm Mtg. Length
M5 x 0.8 x 15mm Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes

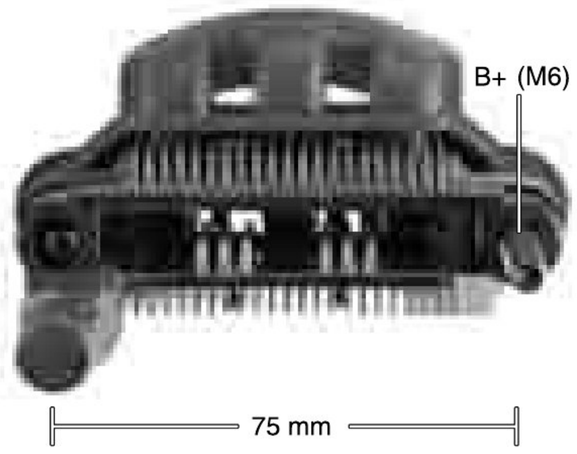
ALTERNATOR - RECTIFIERS (TRANSPO)

MITSUBISHI

75mm Mtg (Finned Heat Sink) (cont'd.)

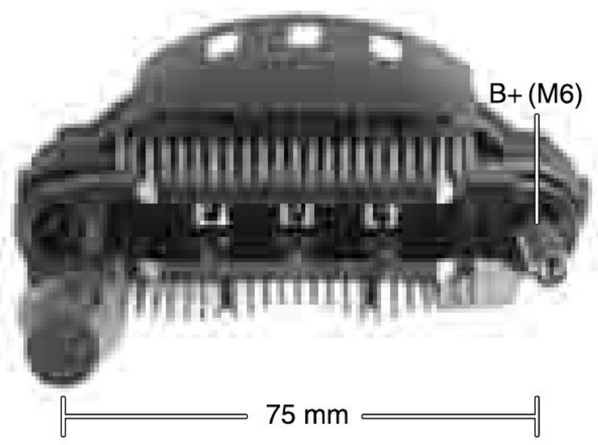


IMR7554
Rectifier
For: Mitsubishi 65-70A IR/IF Alternators
Used On: Nissan
Replaces: Mitsubishi A860T13470, A860T16470;
Nissan 23124-05P11, 23124-42L71
Unit Nos: Mitsubishi A2T09392, A2T22991; A2T48176A, B; A2T48195A, B; A5T48195A, B;
Mitsubishi Motors MD111148, MD152872; Nissan 23100-05P12, -05P13, -15P12, -15P13
Lester Nos: 14655, 14656, 14725
WAI Ref. Nos: 1-1105-01MI, 1-1105-02MI
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes

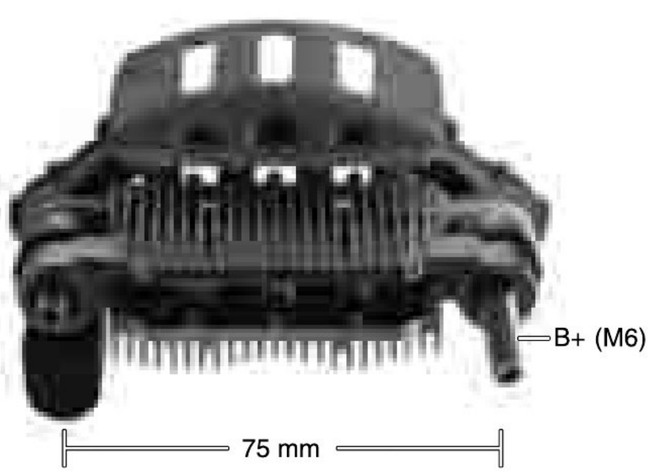


IMR7556
(Ref# 31-8342)
Rectifier
For: Mando, Mitsubishi 70-75A IR/IF Alternators
Used On: (1994-87) Dodge, Eagle, Ford, Hyundai, Mazda, Mitsubishi, Plymouth
Replaces: Ford E92Z-10304-A, Hyundai 37367-24510,
Mazda F8B1-18-W60;
Mitsubishi A860T27170, A860T28370;
Mitsubishi Motors MD611778
Unit Nos: Ford E92Z-10346-A, E92Z-10346-B;
Hyundai 37300-22011, 37300-24510;
Mando AB175015, AB175019;
(cont'd.)

(cont'd.)
Mazda F202-18-300, F225-18-300, F262-18-300, F881-18-300A;
F8B1-18-300, A, B, C;
Mitsubishi A2T05892, A2T05893, A2T09493; Mitsubishi Motors MD114620
Lester Nos: 13196, 13701, 14436
WAI Ref. Nos: 1-1142-01MI, 1-1199-01MD, 1-1199-01MI, 1-1834-01MD
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes

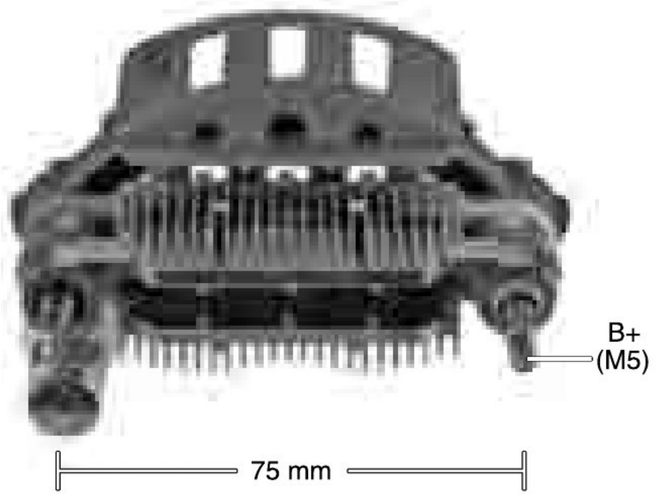


IMR7558
(Ref# 31-8359)
Rectifier
For: Mitsubishi 50-55A IR/IF Alternators
Used On: (2001-89) Chevrolet, Geo, Suzuki
Replaces: Mitsubishi A860T30370, Suzuki 31621-60A20
Unit Nos: Mitsubishi A1T03191, A1T03195, A5TA0791
Lester Nos: 13213, 13336, 13416
WAI Ref. Nos: 1-1229-01MI, 1-1229-02MI, 1-1537-02MI
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio. 8mm stator lead insulator height.
Similar to IMR7560 except IMR7560 has 11mm stator lead insulator height.
Features:
• 8-30A diodes

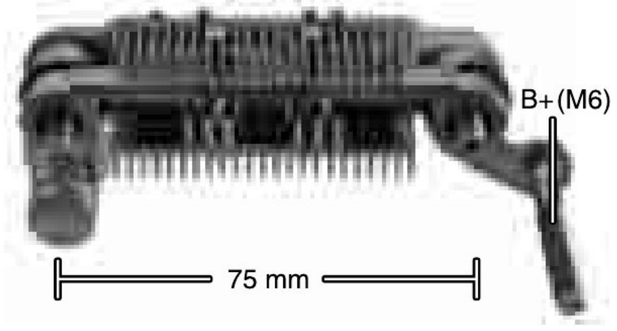


IMR7560
(Ref# 31-8337)
Rectifier
For: Mitsubishi 50-65A IR/IF Alternators
Used On: (1993-89) Mazda
Replaces: Ford F0BZ-10304-A; Mazda B113-18-W60, G608-18-W60;
Mitsubishi A860T32670
Unit Nos: Mitsubishi A5T00777, A5T02377

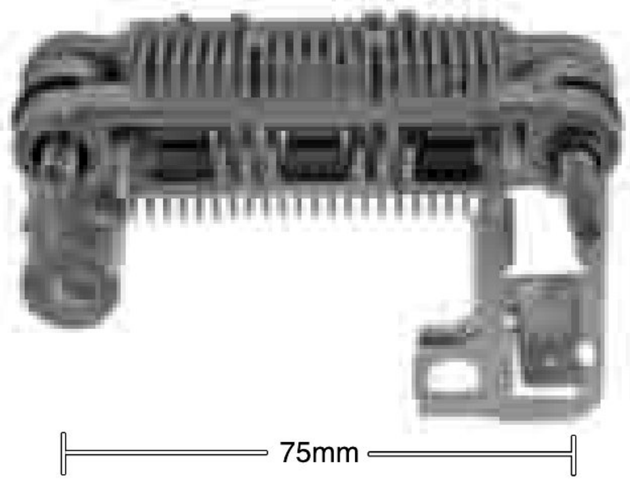
(cont'd.)
Lester Nos: 13211, 13231
WAI Ref. Nos: 1-1157-01MI, 1-1430-01MI
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio. 11mm stator lead insulator height.
Similar to IMR7558 except IMR7558 has 8mm stator lead insulator height.
Features:
• 8-30A diodes



IMR7562
(Ref# 31-8345)
Rectifier
For: Mitsubishi 65A IR/IF Alternators
Used On: (1992-90) Ford, Mazda, Mercury
Replaces: Ford F0CZ-10304-A, Mazda B366-18-W60,
Mitsubishi A860T32570
Unit Nos: Mitsubishi A5T00877, A5T01977, A5T02777
Lester Nos: 13314, 13350, 13432
WAI Ref. Nos: 1-1137-01MI, 1-1177-01MI, 1-1428-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio
Features:
• 8-30A diodes

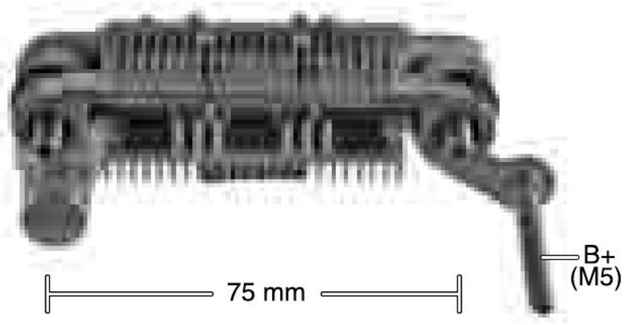


IMR7564
(Ref# 31-8375)
Rectifier
For: Mitsubishi ER/IF Alternators
Used On: Chrysler
Replaces: Mitsubishi A860T22370, Mitsubishi Motors MD611479
Unit Nos: Mitsubishi A2T01483, A2T01583, A2T01683, A2T01783, A2T02084
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



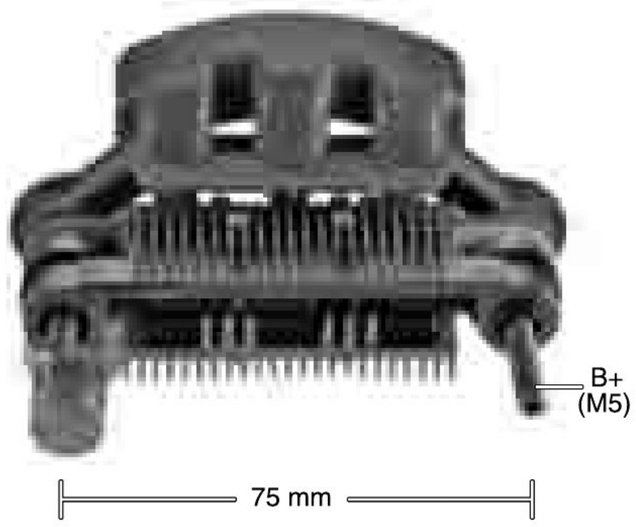
IMR7566
Rectifier

For: Mitsubishi 55A IR/EF Alternators
Used On: Ford (Europe)
Unit Nos: Mitsubishi A5T31772
Dim: 75mm Mtg. Length
Note: With diode trio
Features:
• 6-30A diodes



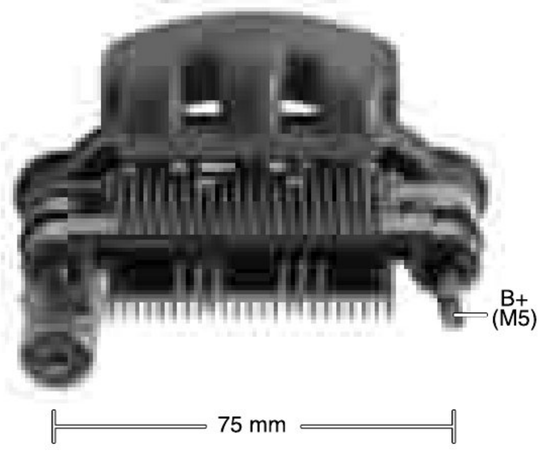
IMR7568
Rectifier

For: Mitsubishi 60-65A IR/EF Alternators
Used On: Mitsubishi (Diesel)
Replaces: Mitsubishi Motors MD611501, Mitsubishi A860T19370
Unit Nos: Mitsubishi A2T01077, A2T01976, A2T17783, A2T49577; Mitsubishi Motors MD099621, MD105606, MD140189
WAI Ref. Nos: 1-2646-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



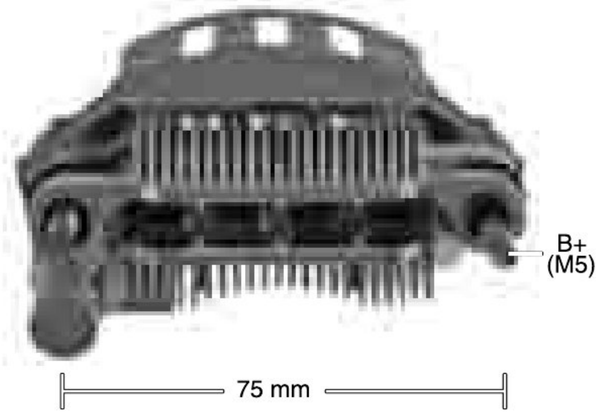
IMR7570
(Ref# 31-8361)
Rectifier

For: Mitsubishi 60-65A IR/IF Alternators
Used On: (1988-87) Dodge, Mitsubishi, Plymouth
Replaces: Mitsubishi A860T24570, Mitsubishi Motors MD611688
Unit Nos: Mitsubishi A2T03691, A2T03792
Lester Nos: 14434, 14435
WAI Ref. Nos: 1-1198-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



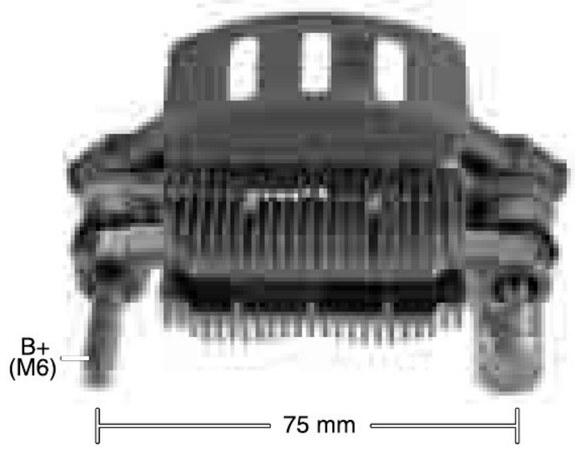
IMR7572
(Ref# 31-8344)
Rectifier

For: Mitsubishi 60A IR/IF Alternators
Used On: (1989-88) Mazda, Mercury
Replaces: Ford E8GY-10304-B, Mazda B675-18-W60, Mitsubishi A860T27070
Unit Nos: Mitsubishi A2T05772, A2T05772X
Lester Nos: 13183, 14905
WAI Ref. Nos: 1-1136-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio
Features:
• 6-30A diodes



IMR7576
(Ref# 31-8371)
Rectifier

For: Mitsubishi 70A IR/IF Alternators
Used On: (1995-94) Honda
Replaces: Mitsubishi A860X45281
Unit Nos: Honda 31100-P08-024, Mitsubishi A5T06391
Lester Nos: 13700
WAI Ref. Nos: 1-1876-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio.
For 6-diode version use IMR7590.
Features:
• 8-30A diodes



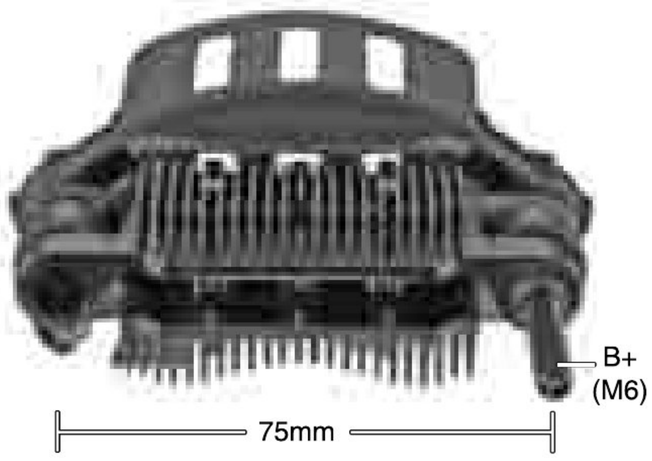
IMR7578
(Ref# 31-8346)
Rectifier

For: Mitsubishi 55A IR/IF Alternators
Used On: (1994-89) Subaru
Replaces: Mitsubishi A860T31570, Subaru 23830-KA090
Unit Nos: Mitsubishi A1T03391, A1T03791
Lester Nos: 13303, 13480
WAI Ref. Nos: 1-1255-01MI, 1-1256-01MI
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes

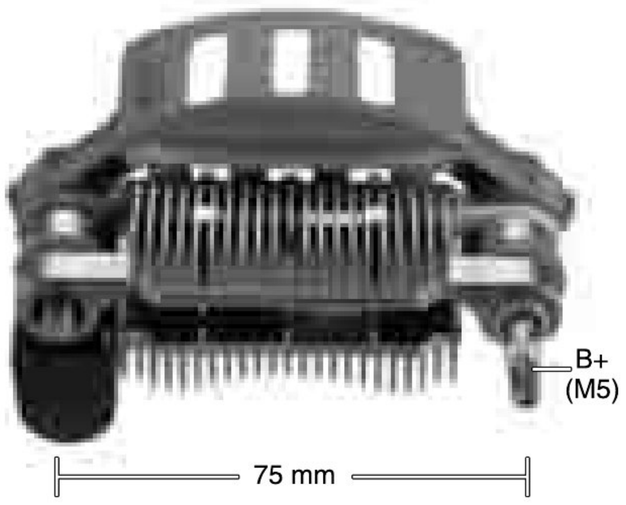
ALTERNATOR - RECTIFIERS (TRANSPO)

MITSUBISHI

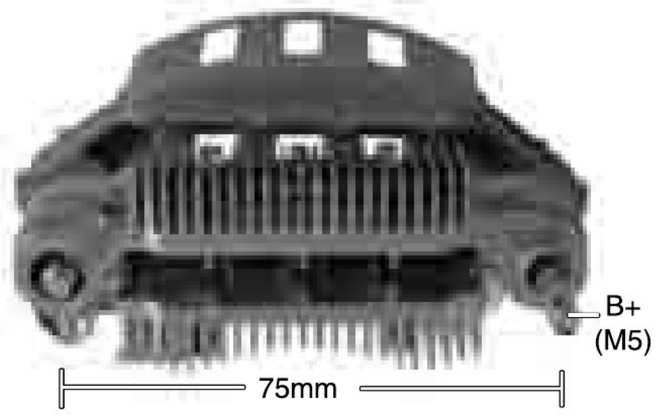
75mm Mtg (Finned Heat Sink) (cont'd.)



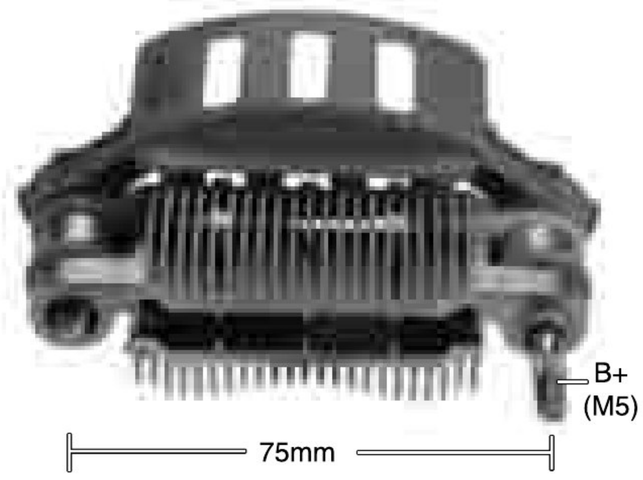
IMR7579
Rectifier
For: Mitsubishi 70A IR/IF Alternators
Used On: (2005-01) Acura, Honda
Replaces: Mitsubishi A860X83370
Unit Nos: Honda 31100-PLM-A01, -A02, -C01, -C02; AFGA51, AHGA50; Mitsubishi A5TA7091, ZC; A5TA7191
Lester Nos: 13893
WAI Ref. Nos: 1-2509-01MI
Dim: 75mm Mtg. Length
M6 x 1.0 x 24mm Batt. Term.
Note: Without diode trio.
Without capacitor.
Features:
• 8-30A diodes



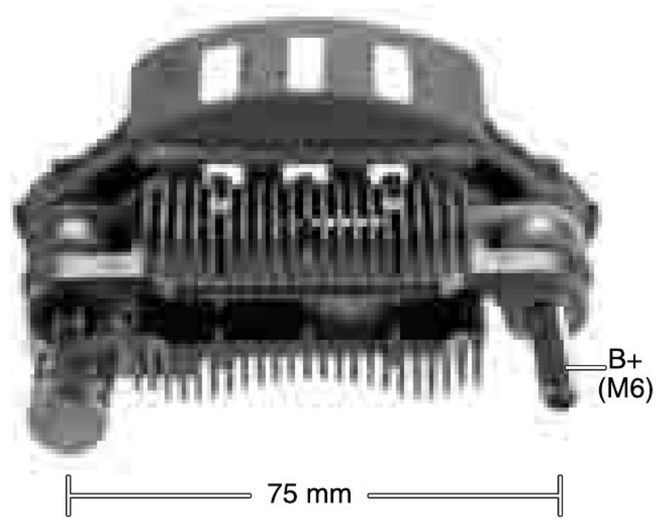
IMR7580
(Ref# 31-8360)
Rectifier
For: Mitsubishi 60-65A IR/IF Alternators
Used On: (1993-90) Mazda
Replaces: Mazda B61P-18-W60
Unit Nos: Mazda B61P-18-300, C, D, E; B64J-18-300B; Mitsubishi A5T01577, A5T03677, A5T03777
Lester Nos: 13227, 13432
WAI Ref. Nos: 1-1160-01MI, 1-1428-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 x 13mm Batt. Term., Knurled
Note: With diode trio
Features:
• 6-30A diodes



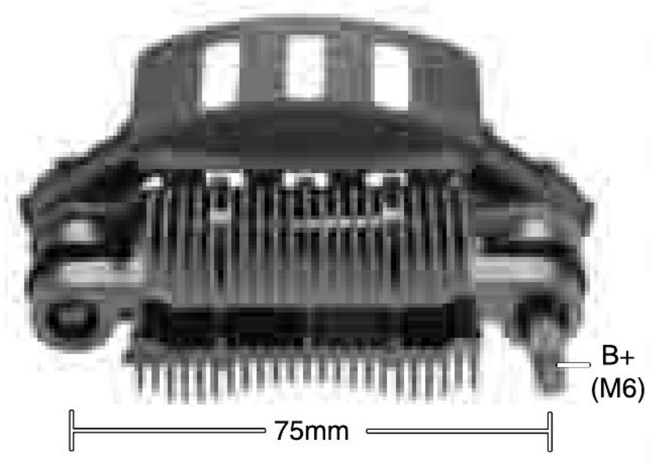
IMR7581
Rectifier
For: Mitsubishi 70A IR/IF Alternators
Used On: (2003-99) Chevrolet, Suzuki
Replaces: GM 91174654
Unit Nos: GM 30020754, 30026055, 30027273; Mitsubishi A5TA4291; Suzuki 31400-65D00, -65D01, -67D01
Lester Nos: 13781
WAI Ref. Nos: 1-2241-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: Without diode trio.
Without capacitor.
For 6-diode version use IMR75816
Features:
• 8-30A diodes



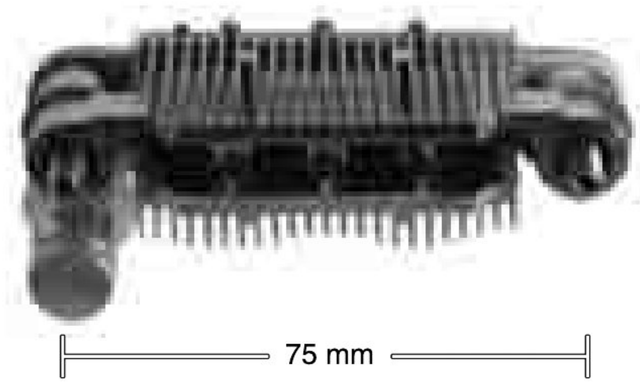
IMR75816
Rectifier
For: Mitsubishi 65-70A IR/IF Alternators
Used On: (2001-99) Chevrolet, Honda, Suzuki
Replaces: Mitsubishi A860X70970
Unit Nos: GM 30021755, 30026056; Honda 31100-PEJ-004, AHGA35; Mitsubishi A5TA3891, A5TA3891A, A5TA4591; Suzuki 31400-66D00, 31400-66D01
Lester Nos: 13649, 13780
WAI Ref. Nos: 1-2094-01MI, 1-2223-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: Without diode trio.
Without capacitor.
For 8-diode version use IMR7581.
Features:
• 6-30A diodes



IMR7582
(Ref# 31-8376)
Rectifier
For: Mitsubishi 50-70A IR/IF Alternators
Used On: (1998-90) Chevrolet, Eagle, Geo, Mitsubishi, Suzuki
Replaces: Mazda B3C7-18-W60, Mitsubishi A860T37070, Mitsubishi Motors MD618883
Unit Nos: Mitsubishi A5T03391, A5T05091, A5T07091, A5T07092, A5TA0391
Lester Nos: 13336, 13415, 13584, 13717
WAI Ref. Nos: 1-1537-01MI, 1-1537-02MI, 1-1955-01MI, 1-2205-01MI
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes

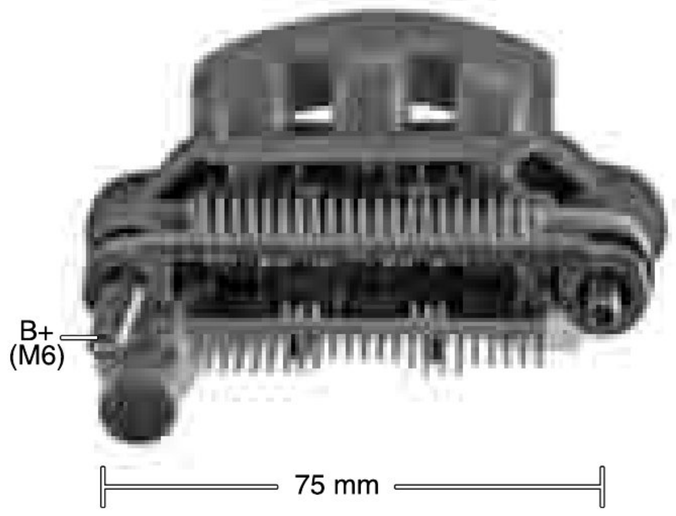


IMR7583
Rectifier
For: Mitsubishi IR/IF Alternators
Used On: Ford (Germany)
Unit Nos: Ford 97MF-10300-AA, -AB; Mitsubishi A5TA2591
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



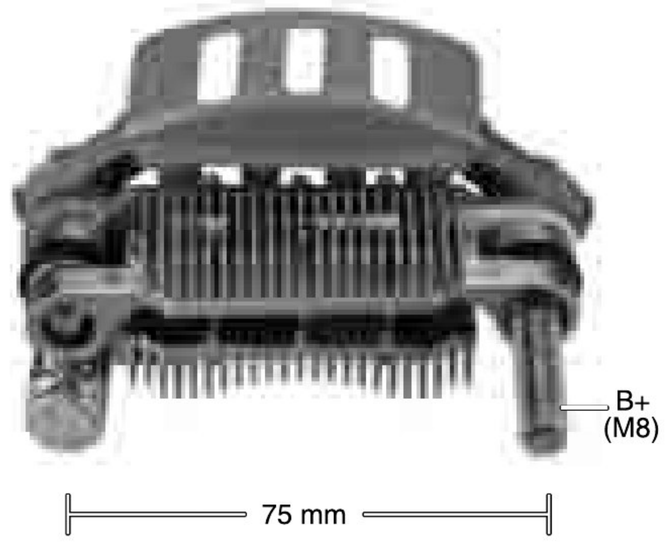
IMR7584
(Ref# 31-8370)
Rectifier

For: Mitsubishi 70A IR/IF Alternators
Used On: (1995-92) Honda
Replaces: Honda 04311-P01-014, Mitsubishi A860T38570
Unit Nos: Mitsubishi A5T04292
Lester Nos: 13608
WAI Ref. Nos: 1-1831-01MI
Dim: 75mm Mtg. Length
Note: With diode trio
Features:
• 8-30A diodes



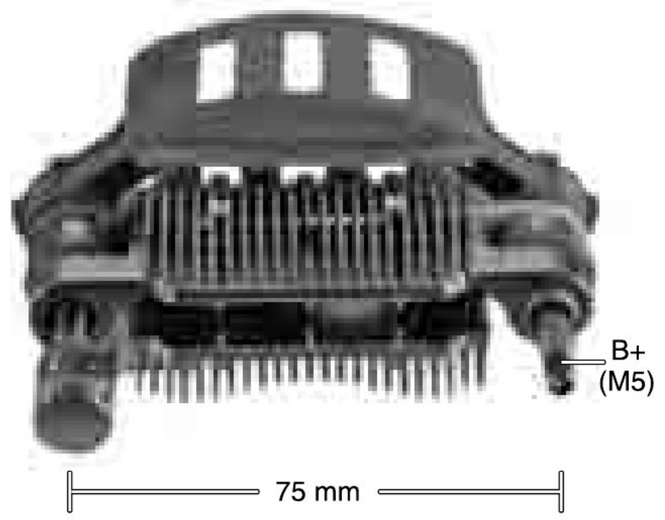
IMR7586
(Ref# 31-8341)
Rectifier

For: Mitsubishi 65-70A IR/IF Alternators
Used On: (1989-86) Mazda, Nissan
Replaces: Mazda JF01-18-W60; Mitsubishi A860T20070, A860T23570, A860X20099; Nissan 23124-51S10
Unit Nos: Mitsubishi A2T07577, A2T47794, A2T47794B
Lester Nos: 13292, 14979
WAI Ref. Nos: 1-1098-01MI, 1-1149-01MI
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



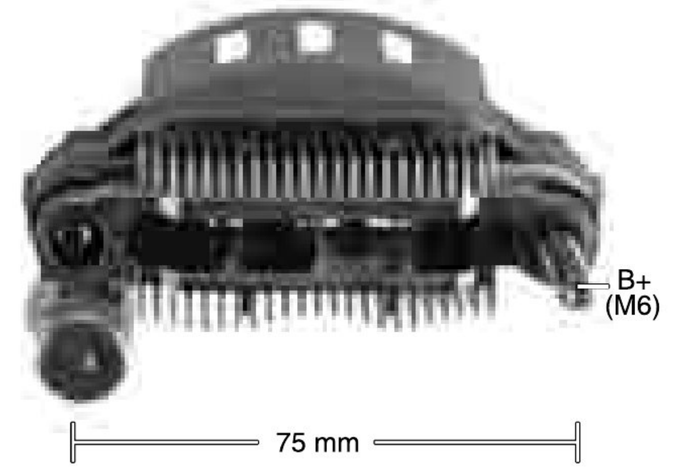
IMR7588
Rectifier

For: Mando, Mitsubishi 50-60A IR/IF Alternators
Used On: Mazda
Replaces: Mitsubishi Motors MD618844; Mitsubishi A860T46570, A860X46570
Unit Nos: Hyundai 37300-02503; Mando AB160108; Mitsubishi A1T06391, A1T06672, A1TA0091, A1TA0291, A1TA0491, A1TA0591, A1TA0691, A1TA0791, A1TA0891; Mitsubishi Motors MD300720, MD305885, MD311138, MD311711, MD311712, MD317530, MD317531, MD319045, MD319317
Dim: 75mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



IMR7590
Rectifier

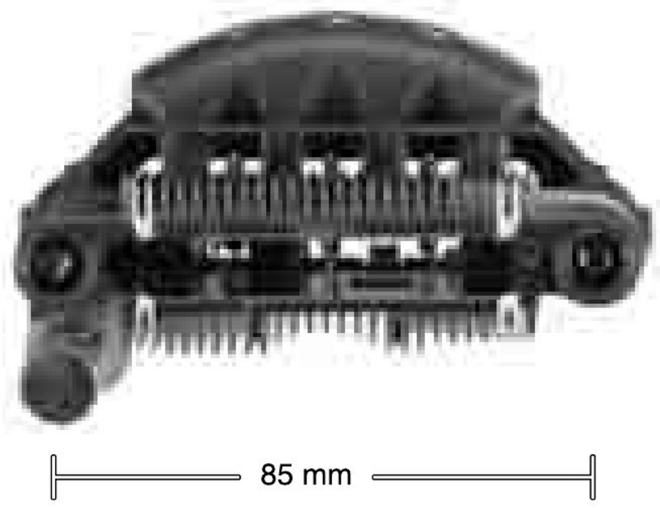
For: Mitsubishi 70A IR/IF Alternators
Used On: (1998-96) Honda
Unit Nos: Honda 31100-P2E-A01, 31100-P2E-A02, AHGA24; Mitsubishi A5TA0991
Lester Nos: 13649
WAI Ref. Nos: 1-2094-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio.
For 8-diode version use IMR7576.
Features:
• 6-30A diodes



IMR7596
Rectifier

For: Mitsubishi 50A ER/IF Alternators
Used On: Peugeot
Unit Nos: Citroen 95624961, 95632024, 95632727, 95638817; Mitsubishi A1T02674, A1T02674D; Peugeot 57052J
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes

85mm Mtg (Finned Heat Sink)



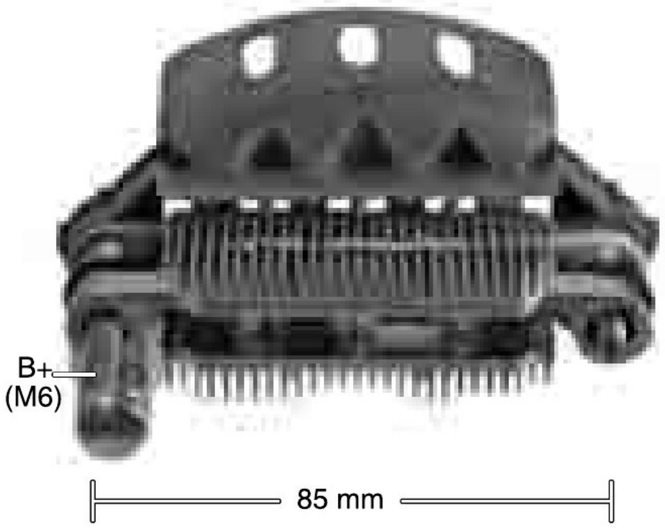
IMR8540
(Ref# 31-8318)
Rectifier

For: Mitsubishi 75A IR/IF Alternators
Used On: (1990-88) Ford, Mercury
Replaces: Ford E8PZ-10304-B, Mitsubishi A860T28670
Unit Nos: Mitsubishi A3T01596, A3T01598
Lester Nos: 13188, 13190
WAI Ref. Nos: 1-1180-01MI, 1-1180-02MI
Dim: 85mm Mtg. Length
Note: With diode trio
Features:
• 6-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

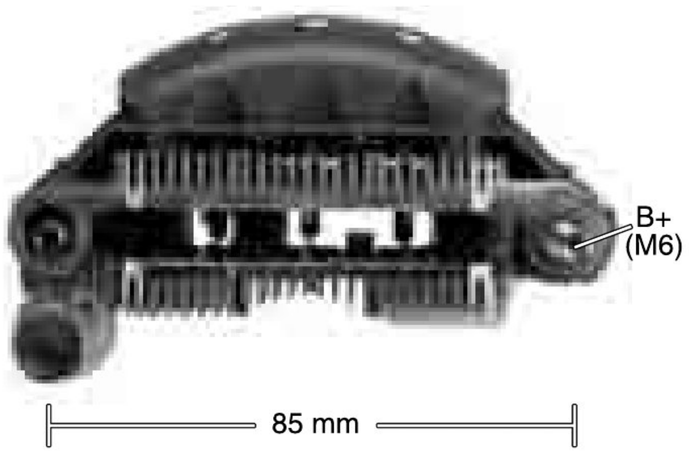
MITSUBISHI

85mm Mtg (Finned Heat Sink) (cont'd.)



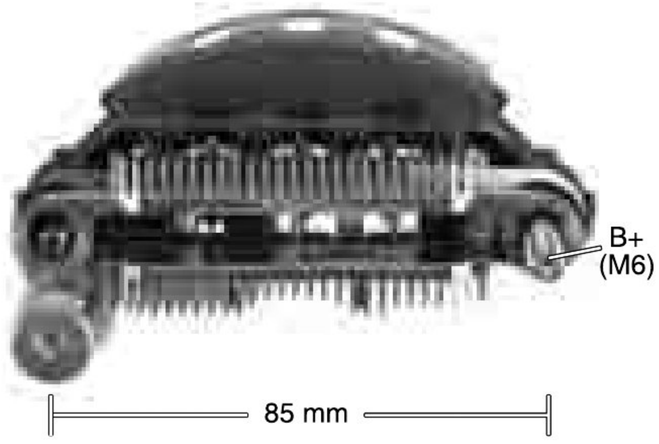
IMR8542
(Ref# 31-8327)
Rectifier

For: Mitsubishi 75A IR/IF Alternators
Used On: (1988) Ford
Replaces: Ford E8PZ-10304-A, GYE-1379; Mitsubishi A860T28770
Unit Nos: Ford E8SF-10300-AA, E8SF-10346-A, E8SZ-10346-A; Mitsubishi A3T01496
Lester Nos: 13189
WAI Ref. Nos: 1-1182-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 x 25mm Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



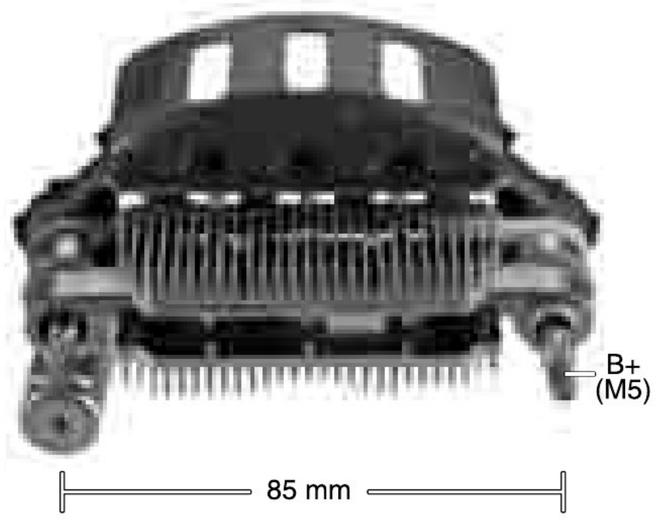
IMR8544
(Ref# 31-8336)
Rectifier

For: Mitsubishi 75A IR/IF Alternators
Used On: (1990-88) Mitsubishi
Replaces: Mando A600C3201, Mitsubishi A860T23170, Mitsubishi Motors MD611585
Unit Nos: Mitsubishi A3T00792, Mitsubishi Motors MD112322,
Lester Nos: 13272
WAI Ref. Nos: 1-1192-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio. 20mm stator lead insulator height.
Similar to IMR8546 except IMR8546 has 16mm stator lead insulator height.
Features:
• 6-30A diodes



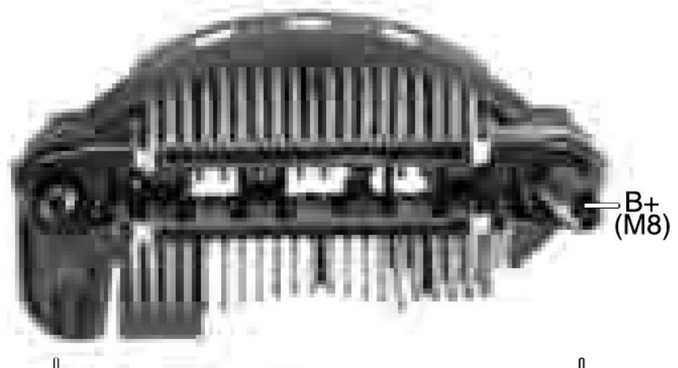
IMR8546
(Ref# 31-8352)
Rectifier

For: Mitsubishi 70A IR/IF Alternators
Used On: (1998-89) Ford, Mazda, Mercury
Replaces: Ford F02Z-10304-A, F0JY-10304-A; Mazda F285-18-W60, F290-18-W60, JE15-18-W60; Mitsubishi A860T31370, A860T34070
Unit Nos: Mitsubishi A2T13977, A2T19677, A2T19877, A2T19991, A2T20191, A2T32899
Lester Nos: 13253, 13282, 13297
WAI Ref. Nos: 1-1145-01MI, 1-1150-01MI, 1-1150-02MI
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio. 16mm stator lead insulator height.
Similar to IMR8544 except IMR8544 has 20mm stator lead insulator height.
Features:
• 6-30A diodes



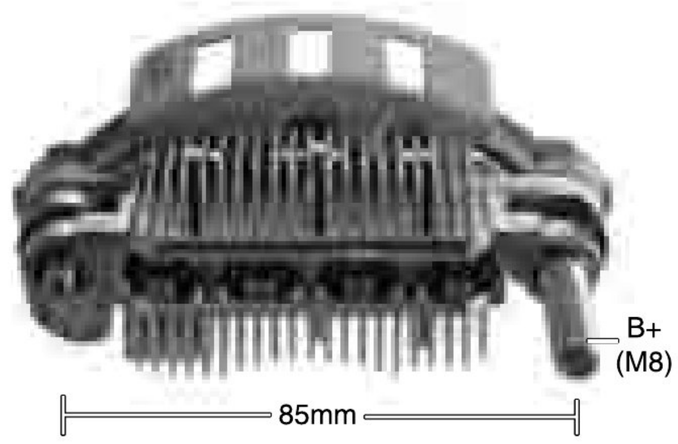
IMR8548
(Ref# 31-8380)
Rectifier

For: Mitsubishi 65A IR/IF Alternators
Used On: (1991) Ford, Mercury
Replaces: Ford F1CZ-10304-A, Mazda B366-18-W60A, Mitsubishi A860T38270
Unit Nos: Mitsubishi A2T34477
Lester Nos: 13350
WAI Ref. Nos: 1-1177-01MI
Dim: 85mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio
Features:
• 6-30A diodes



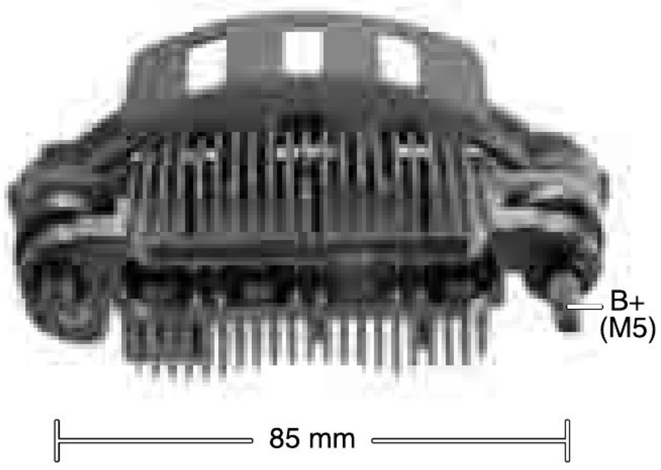
IMR8566
(Ref# 31-8382)
Rectifier

For: Mitsubishi 70A ED/IF Alternators
Used On: (2001-97) Kia, Mazda
Replaces: Mitsubishi A860T57870
Unit Nos: Kia MZ599-18-300A; Mazda Z599-18-300A, C; Mitsubishi A2TB0091
Lester Nos: 13718
WAI Ref. Nos: 1-2061-01MI
Dim: 85mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: Without diode trio.
Without capacitor.
For 8-diode version use IMR85668.
Features:
• 6-30A diodes



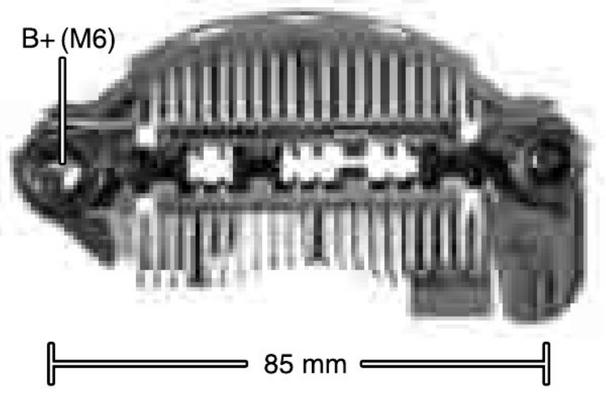
IMR85668
Rectifier

For: Mitsubishi 90A IR/IF Alternators
Used On: (2002-98) Mitsubishi
Replaces: Mitsubishi Motors MD619284; Mitsubishi A860X58070
Unit Nos: Mitsubishi A2TA5391, A2TA5394; Mitsubishi Motors MD317862, MD363639
Lester Nos: 13787, 13840
WAI Ref. Nos: 1-2204-01MI, 1-2204-02MI
Dim: 85mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: Without diode trio.
Without capacitor.
For 6-diode version use IMR8566.
Features:
• 8-30A diodes



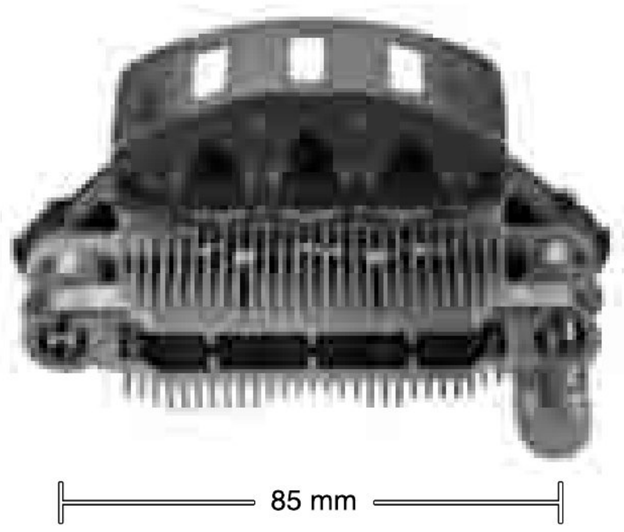
IMR8567
Rectifier

For: Mitsubishi 75A IR/IF Alternators
Used On: (1998-97) Subaru
Replaces: Mitsubishi A860X61970
Unit Nos: Mitsubishi A2TA7691; Subaru 23700-AA290
Lester Nos: 13752
WAI Ref. Nos: 1-2097-01MI
Dim: 85mm Mtg. Length
M5 x 0.8 Term. for Side-Mount B+
Note: Without diode trio.
Without capacitor.
Features:
• 6-30A diodes



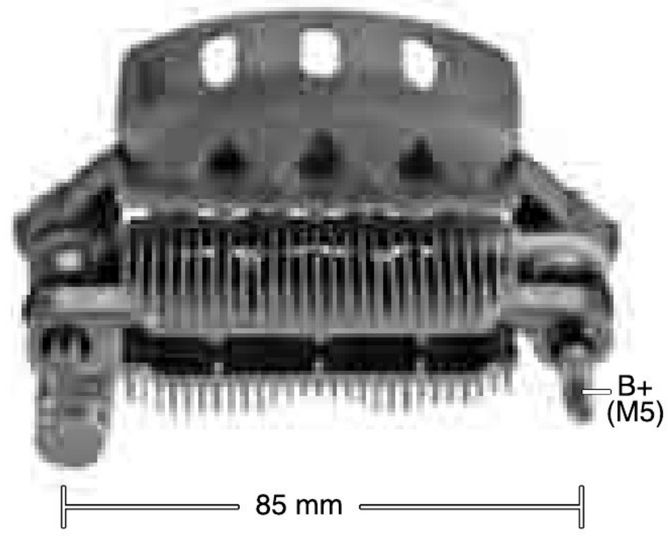
IMR8568
(Ref# 31-8384)
Rectifier

For: Mitsubishi 85A ER/IF Alternators
Used On: (2001-98) Dodge, Plymouth
Unit Nos: Chrysler 4793692, 4793692AB, 4794222AA; Mitsubishi A2TB1491, A2TB1492, A2TB2791
Lester Nos: 13735
WAI Ref. Nos: 1-2107-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: Without diode trio.
Without capacitor.
Features:
• 6-30A diodes



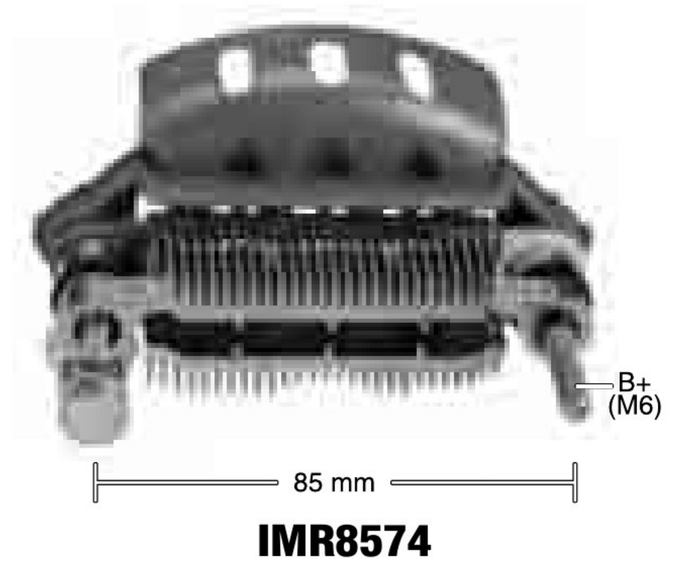
IMR8570
(Ref# 31-8328)
Rectifier

For: Mitsubishi 90A IR/IF Alternators
Used On: (1994-89) Ford, Mercury
Replaces: Ford E9PZ-10304-A, Mitsubishi A860T30870
Unit Nos: Ford E9DF-10300-BB, E9DZ-10346-A; F02U-10300-AA, -AC; F02Z-10346-A, F33U-10300-BA, F33Z-10346-A, F3DU-10300-DA, F3DZ-10346-C; Mazda F278-18-300B; Mitsubishi A3T00491, A3T00896, A3T12691, A3T12792
Lester Nos: 13230, 13298
WAI Ref. Nos: 1-1175-01MI, 1-1183-01M
Dim: 85mm Mtg. Length
Note: With diode trio
Features:
• 8-30A diodes



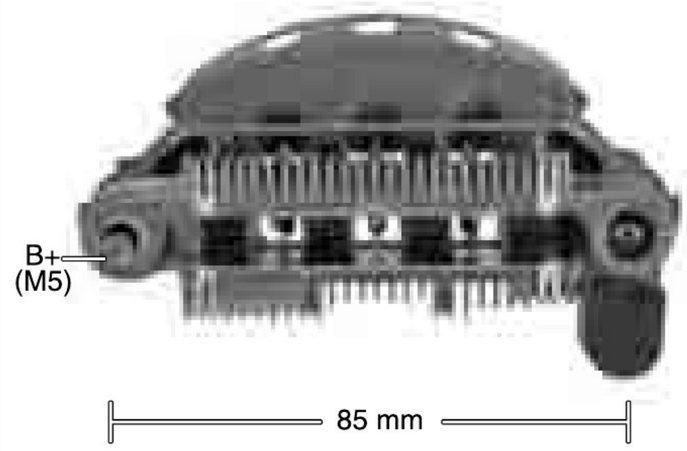
IMR8572
(Ref# 31-8388)
Rectifier

For: Mitsubishi 90A IR/IF Alternators
Used On: (1990-88) Subaru
Unit Nos: Mitsubishi A3T01691, Subaru 23700-AA060,
Lester Nos: 13263
WAI Ref. Nos: 1-1259-01MI
Dim: 85mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio
Features:
• 8-30A diodes



IMR8574
(Ref# 31-8353)
Rectifier

For: Mitsubishi 90A IR/IF Alternators
Used On: (1996-90) Dodge, Hyundai, Mitsubishi
Replaces: Hyundai 37367-35021, Mitsubishi A860T23270, Mitsubishi Motors MD611586
Unit Nos: Mitsubishi A3T00692, A3T04292
Lester Nos: 13352
WAI Ref. Nos: 1-1221-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 8-30A diodes



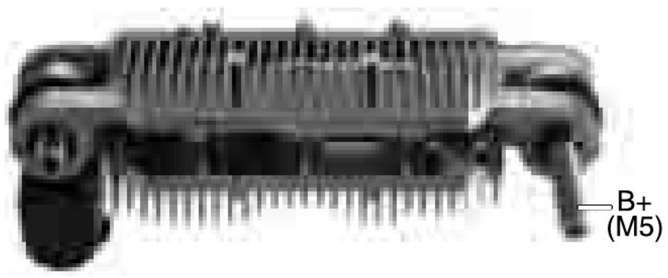
IMR8576
(Ref# 31-8362)
Rectifier

For: Mitsubishi 80A IR/IF Alternators
Used On: (1993-90) Infiniti, Nissan
Replaces: Mitsubishi A860T29970, A860X29999, A860X35099; Nissan 23124-35F10
Unit Nos: Mitsubishi A2T13894, A2T14694, A2T18792
Lester Nos: 13286, 13549
WAI Ref. Nos: 1-1120-01MI, 1-1427-01MI, 1-2164-01MI
Dim: 85mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio
Features:
• 8-30A diodes

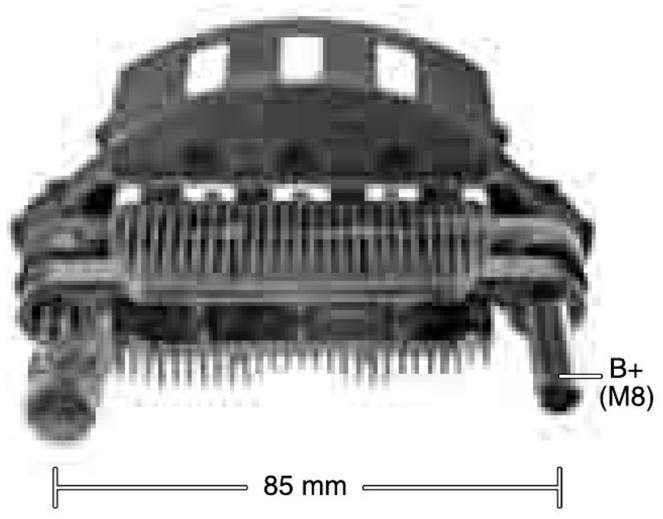
ALTERNATOR - RECTIFIERS (TRANSPO)

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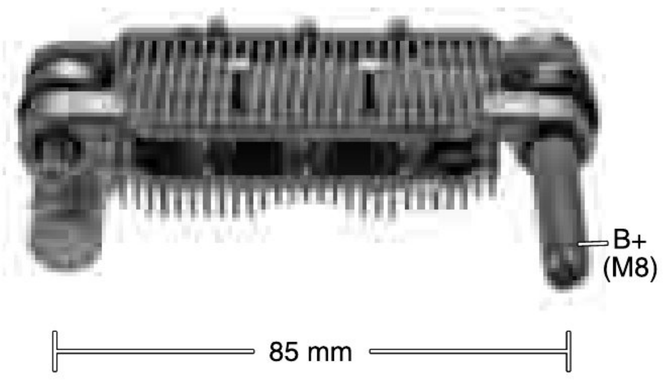
85mm Mtg (Finned Heat Sink) (cont'd.)



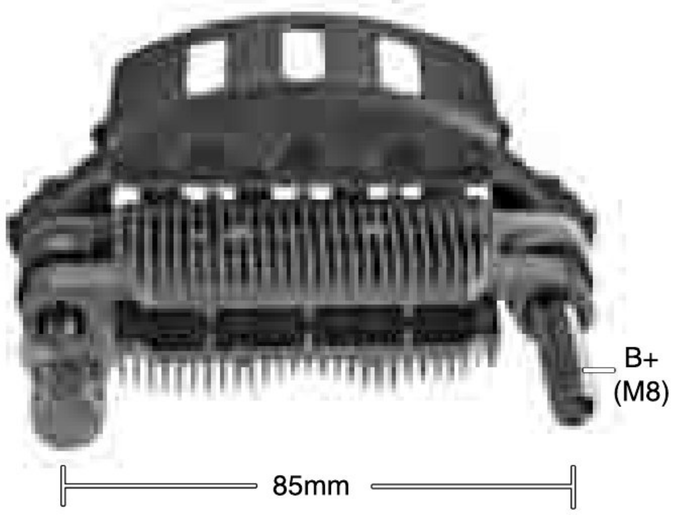
IMR8578
Rectifier
For: Mitsubishi 40A/24V Brushless IR/EF Alternators
Used On: Mitsubishi Industrial
Replaces: Mitsubishi A860T29370, Mitsubishi Motors ME701030
Unit Nos: Mitsubishi A4T58289, A4T58686, A4T58689, A4T58699, A4T58786, A4T58799, A4T58986, A4T58989, A4T58999, A4T59086, A4T59199, A4T59786, A4T66486, A4T75586, A6T55189; Mitsubishi Motors ME060076, ME077138, ME077404, ME077574, ME087566, ME087630, ME087643, ME090198, ME090592, ME091535, ME15014
Lester Nos: 12315
Dim: 85mm Mtg. Length
M5 x 0.8 Batt. Term.
Note: With diode trio. With P-terminal.
Features:
• 6-30A diodes



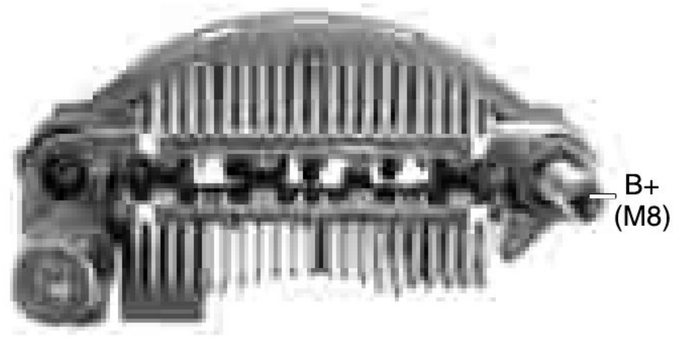
IMR8580
Rectifier
For: Mitsubishi 80A IR/IF Alternators
Used On: (1992-90) Ford, Mazda
Replaces: Ford F02Z-10304-B, Mazda JF07-18-W60, Mitsubishi A860T32170
Unit Nos: Ford F02Z-10346-C; F02Z-10346-E, -G; Mazda F288-18-300A, B; F2F8-18-300, B, C, D; Mitsubishi A2T20091
Lester Nos: 13299
WAI Ref. Nos: 1-1143-01MI
Dim: 85mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With diode trio.
For 8-diode version use IMR8582.
Features:
• 6-30A diodes



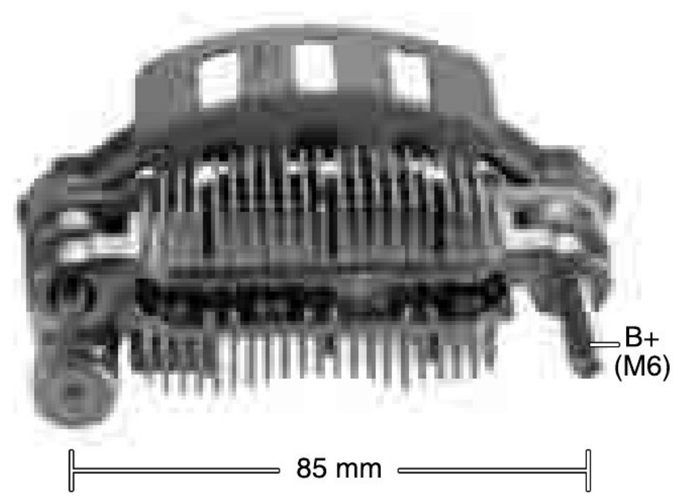
IMR8581
Rectifier
For: Mitsubishi 40A/24V IR/EF Alternators
Used On: Mitsubishi Industrial, Fuso Truck
Replaces: Mitsubishi Motors ME701375; Mitsubishi A860X47870
Unit Nos: Mitsubishi A4T40289, A4T40386, A4T40389, A4T70078, A4T70086, A4T70099, A4T70186, A4T70189, A4TU3085, A4TU3088, A4TU3186, A4TU3586, A9TU3099, A9TU3199; Mitsubishi Motors ME011886, ME017632, ME077788, ME077789, ME077790, ME077869, ME092899, ME093245, ME093246, ME093256, ME151217, ME151974, ME160918, ME163230
Dim: 85mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With heavy duty diode trio. With P-terminal.
Features:
• 8-30A diodes



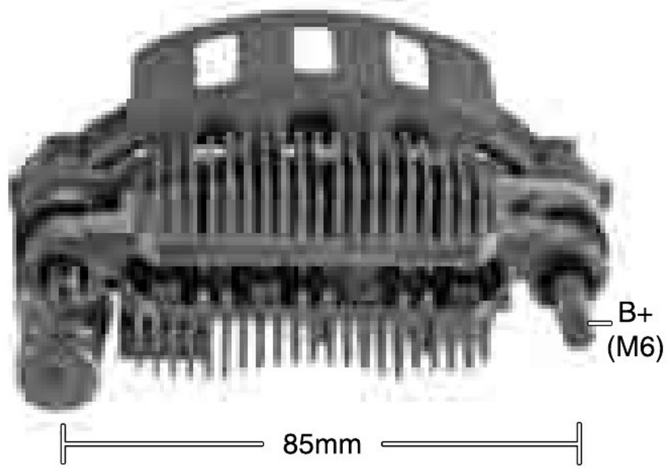
IMR8582
(Ref# 31-8350)
Rectifier
For: Mitsubishi 80A IR/IF Alternators
Used On: (1992-90) Ford, Mazda
Replaces: Ford F02Z-10304-B, Mazda JF07-18-W60, Mitsubishi A860T32170
Unit Nos: Mitsubishi A2T20091
Lester Nos: 13299
WAI Ref. Nos: 1-1143-01MI
Dim: 85mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With diode trio.
For 6-diode version use IMR8580.
Features:
• 8-30A diodes



IMR8588
Rectifier
For: Mitsubishi 50-75A IR/IF Alternators
Used On: (1998-93) Eagle, Mitsubishi, Plymouth
Replaces: Mitsubishi Motors MD618752; Mitsubishi A860T42670
Unit Nos: Mitsubishi A2T38391, A2T81791, A2TA0891, A2TA0892; A2TA2871, A; Mitsubishi Motors MD190819, MD198164, MD313392, MD316418, MD327513, MD354809, MD354809A
Lester Nos: 12311, 13451, 13586
WAI Ref. Nos: 1-1829-01MI, 1-2023-01MI, 1-2023-02MI, 1-2153-01MI
Dim: 85mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With diode trio.
For 8-diode version use IMR8594
Features:
• 6-30A diodes

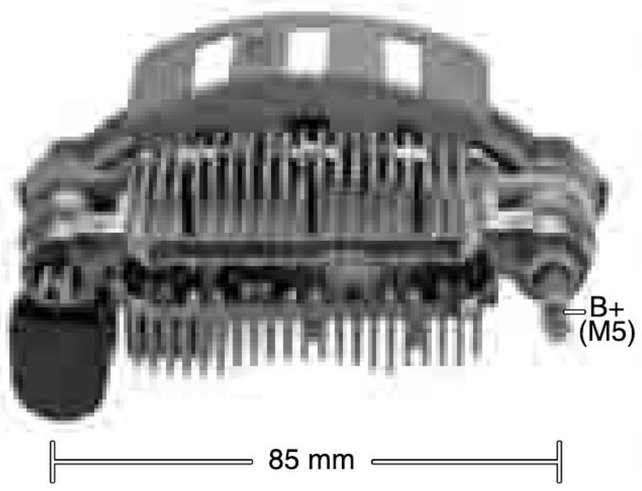


IMR8590
(Ref# 31-8367)
Rectifier
For: Mitsubishi 60-70A IR/IF Alternators
Used On: (1996-92) Dodge, Eagle, Mitsubishi, Plymouth
Replaces: Mitsubishi A860T38770, Mitsubishi Motors MD618568
Unit Nos: Mitsubishi A2T34892, A2T35092, A2T38892, A2T40092
Lester Nos: 13430, 13439, 13450
WAI Ref. Nos: 1-1832-01MI, 1-1833-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



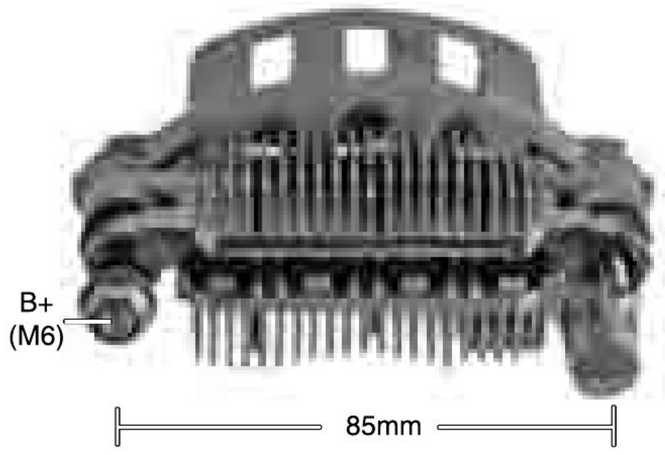
IMR8591
(Ref# 31-8383)
Rectifier

For: Mitsubishi 65-70A IR/IF Alternators
Used On: (1997-94) Mazda
Replaces: Mazda BPE8-18-W60, Mitsubishi A860X47770
Unit Nos: Mazda 2505-18-300, B6BF-18-300, BPE8-18-300; BPE9-18-300, A; Z505-18-300A; Mitsubishi A2T39391, A2T80391, A2T83491, A2TA3991, A2TA5891
Lester Nos: 13559, 13614, 13698
WAI Ref. Nos: 1-1956-01MI, 1-1957-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 x 19mm Batt. Term., Knurled
Note: With diode trio
Features:
• 6-30A diodes



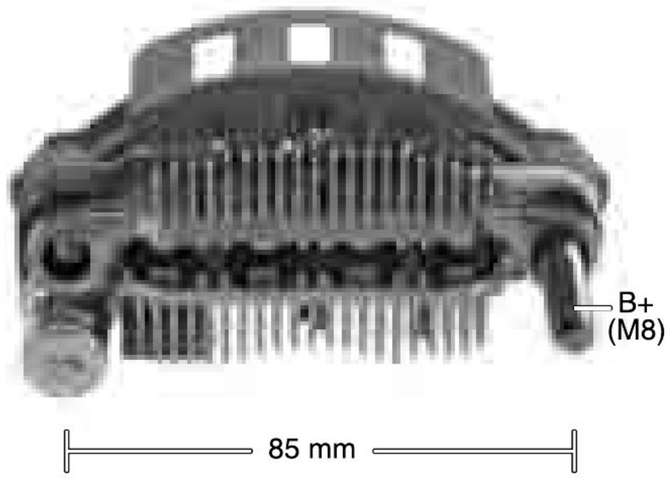
IMR8592
(Ref# 31-8351)
Rectifier

For: Mitsubishi 65-75A IR/IF Alternators
Used On: (1996-91) Ford, Mazda, Mercury, Subaru
Replaces: Ford F1CZ-10304-B; Mazda B366-18-W60B, B66S-18-W60; Mitsubishi A860T37670, 39170; Subaru 23830-AA070
Unit Nos: Mitsubishi A2T33991, A2T35177, A2T39091
Lester Nos: 13350, 13479, 13523
WAI Ref. Nos: 1-1177-01MI, 1-1873-01MI, 1-1891-01MI
Dim: 85mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio.
For 8-diode version use IMR85100.
Features:
• 6-30A diodes



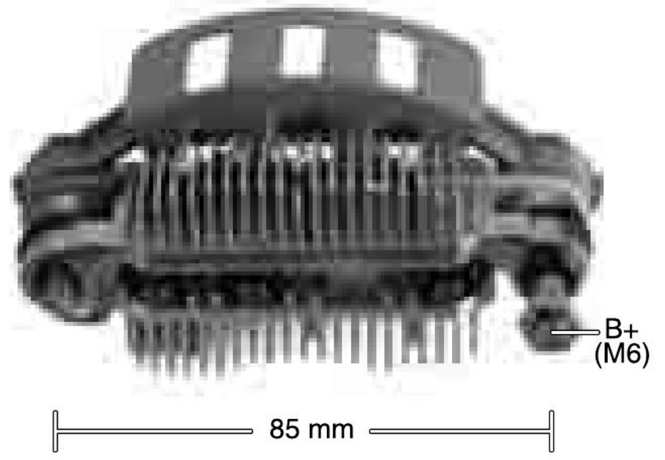
IMR8593
Rectifier

For: Mitsubishi 80A IR/IF Alternators
Used On: (1994) Infiniti
Unit Nos: Mitsubishi A2T35791, A2T35791A, A2T35792A; Nissan 23100-64J13, -64J15, -64J16
Lester Nos: 13549
WAI Ref. Nos: 1-1427-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 x 19mm Batt. Term., Knurled
Note: With diode trio
Features:
• 8-30A diodes



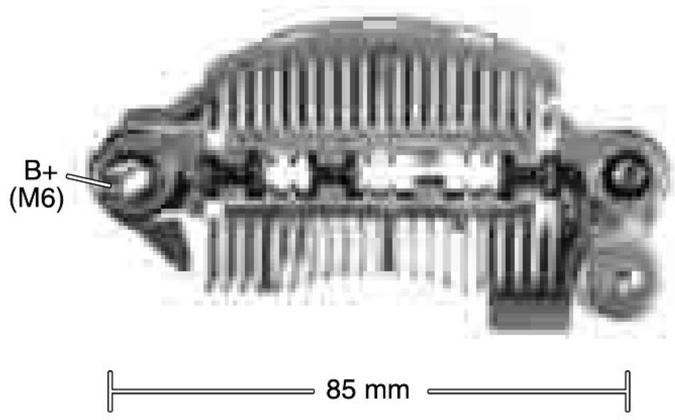
IMR8594
(Ref# 31-8363)
Rectifier

For: Mitsubishi 80-90A IR/IF Alternators
Used On: (2001-93) Ford, Mazda, Mitsubishi
Replaces: Ford F32Z-10304-A, Mazda FS11-18-W60; Mitsubishi A860T39070, A860X44170; Mitsubishi Motors MD618811
Unit Nos: Ford F32Z-10346-A; Mazda FS11-18-300A, B; Mitsubishi A2T33891, A2T38392, A2T80591, A2T82791, A2T82792, A2T82899, A2TA0991; Mitsubishi Motors MD194482, MD304129, MD306649, MD310997, MD313939, MD314235, MD314236, MD314374, MD315430, MD327535
Lester Nos: 13445, 13585, 13616
WAI Ref. Nos: 1-1598-01MI, 1-1959-01MI, 1-2101-01MI, 1-2101-02MI
Dim: 85mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With diode trio.
For 6-diode version use IMR8588
Features:
• 8-30A diodes



IMR8595
Rectifier

For: Mitsubishi 75A IR/IF Alternators
Used On: (2002-99) Subaru
Unit Nos: Mitsubishi A2TB2991, Subaru 23700-AA390
Lester Nos: 13820
WAI Ref. Nos: 1-2232-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 x 19mm Batt. Post
Note: Without diode trio. Without capacitor.
Features:
• 6-30A diodes



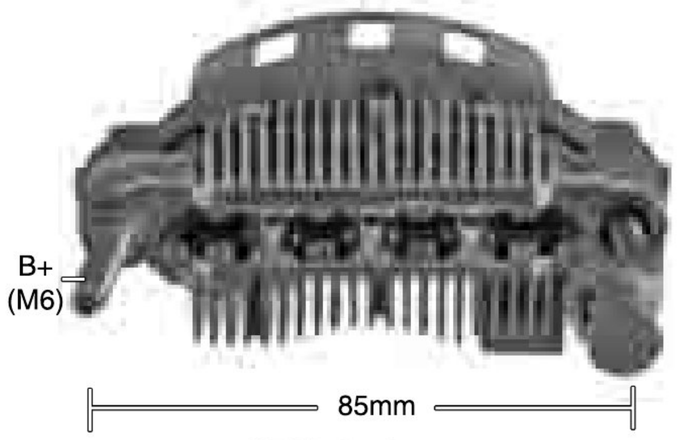
IMR8596
Rectifier

For: Mitsubishi 85A ER/IF Alternators
Used On: (1995) Dodge, Plymouth
Unit Nos: Chrysler 4686106, Mitsubishi A2T81291, A2T81391
Lester Nos: 13580
WAI Ref. Nos: 1-1874-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: Without diode trio.
For 8-diode version use IMR8597.
Features:
• 6-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

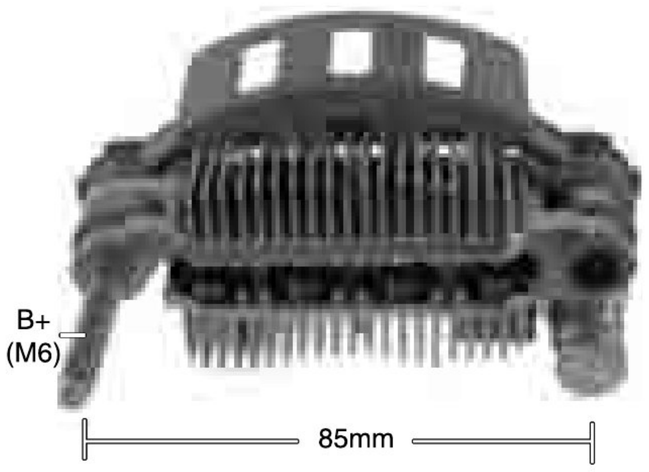
MITSUBISHI

85mm Mtg (Finned Heat Sink) (cont'd.)



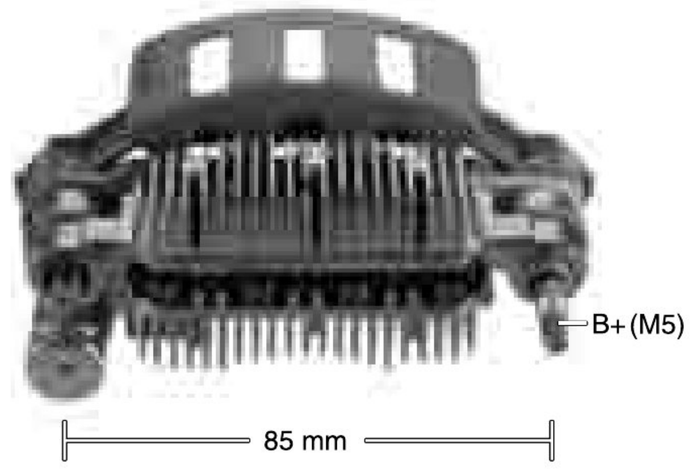
IMR8597
(Ref# 31-8374)
Rectifier

For: Mitsubishi 85-90A ER/IF Alternators
Used On: (2000-95) Chrysler, Dodge, Eagle, Mitsubishi, Plymouth
Unit Nos: Chrysler 4609101, 4609125, 4609320, 4661998, 4671041, 4793189; Mitsubishi A2T81192, A2T81292, A2TA3791, A2TA7491; Mitsubishi Motors MO4661998, MO4671041
Lester Nos: 13575, 13580
WAI Ref. Nos: 1-1874-01MI, 1-1928-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: Without diode trio.
For 6-diode version use IMR8596.
Features:
• 8-30A diodes



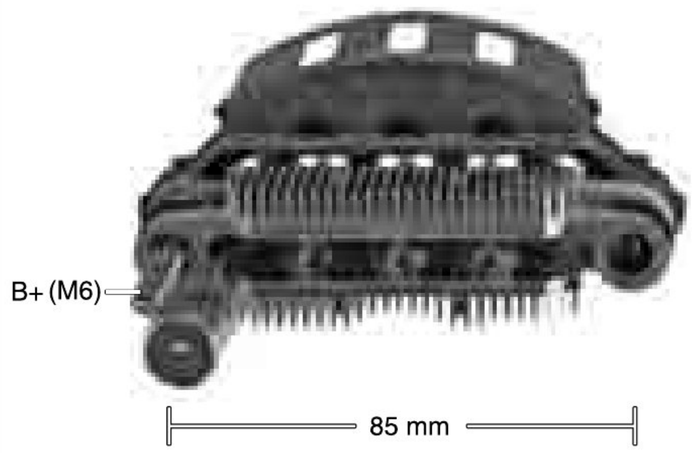
IMR8598
(Ref# 31-8369)
Rectifier

For: Mitsubishi 90A IR/IF Alternators
Used On: (1996-93) Infiniti, Nissan
Replaces: Mitsubishi A860T39270
Unit Nos: Mitsubishi A2T33593, A; Nissan 23100-0P515, 23100-0P516
Lester Nos: 13478
WAI Ref. Nos: 1-1830-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 8-30A diodes



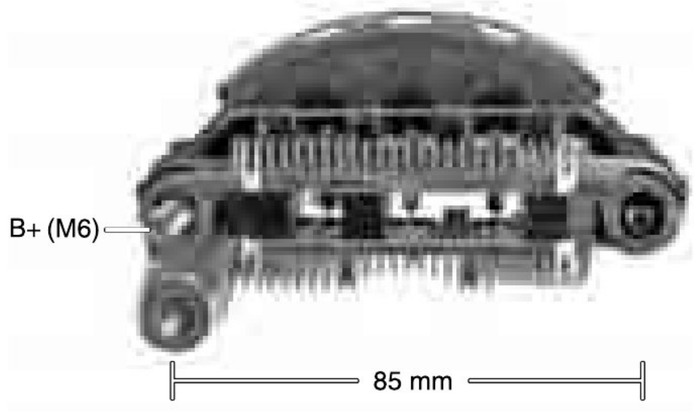
IMR85100
(Ref# 31-8381)
Rectifier

For: Mitsubishi 80-90A IR/IF Alternators
Used On: Mazda
Replaces: Honda 04311-P0G-A02, Mazda FS05-18-W60, Mitsubishi 860T38970
Unit Nos: Honda 31100-P0G-A02, -A03; Mazda FS05-18-300; Mitsubishi A2T33191, A2TA2191
Lester Nos: 13648
WAI Ref. Nos: 1-2095-01MI
Dim: 85mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term.
Note: With diode trio.
For 6-diode version use IMR8592.
Features:
• 8-30A diodes



IMR85104
Rectifier

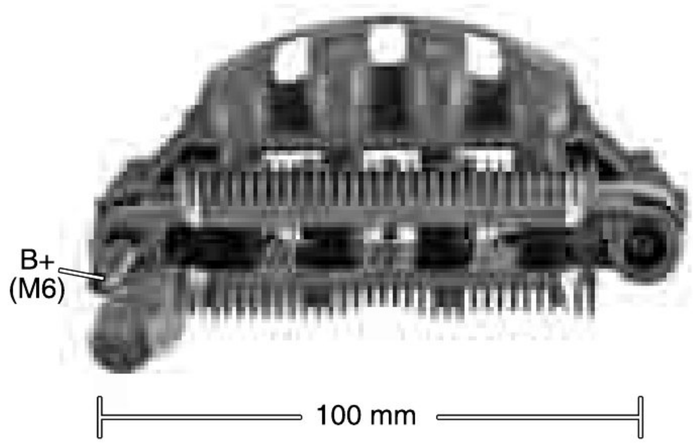
For: Mitsubishi 90A IR/IF Alternators
Used On: Ford (Europe)
Unit Nos: Ford 92AB-10300-JA; Mitsubishi A2T32692
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio.
For 6-diode version use IMR85106.
Features:
• 8-30A diodes



IMR85106
Rectifier

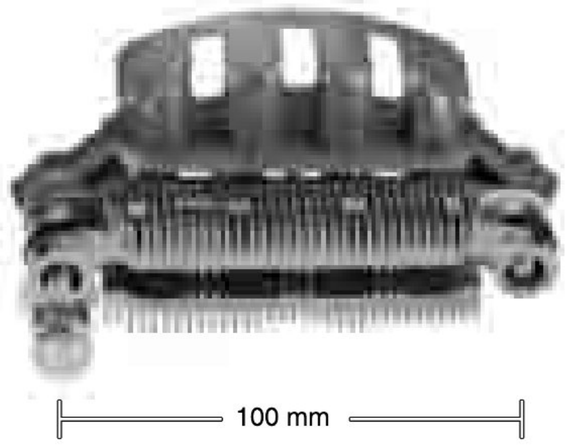
For: Mitsubishi 70A IR/IF Alternators
Used On: Ford (Europe)
Unit Nos: Ford 92AB-10300-FA; Mitsubishi A2T14591, A2T28792
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio.
For 8-diode version use IMR85104.
Features:
• 6-30A diodes

100mm Mtg (Finned Heat Sink)



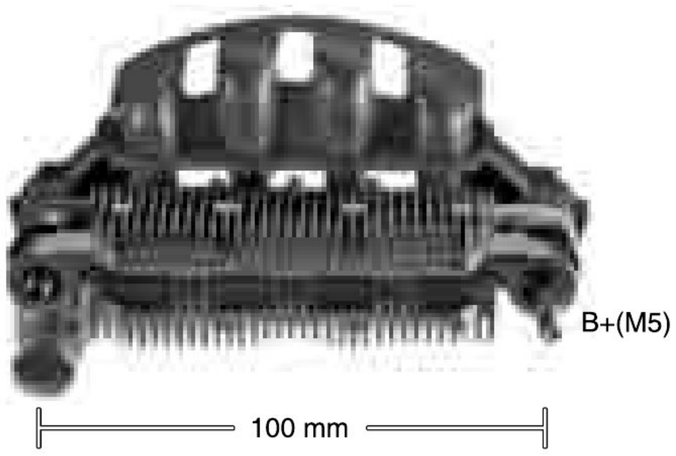
IMR10040
(Ref# 31-8329)
Rectifier

For: Mitsubishi 110A IR/IF Alternators
Used On: (1995-89) Ford, Mercury
Replaces: Ford E9PZ-10304-B, Mitsubishi A860T31170
Unit Nos: Mitsubishi A4T00796, A4T03591
Lester Nos: 13212
WAI Ref. Nos: 1-1184-01MI
Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 8-30A diodes



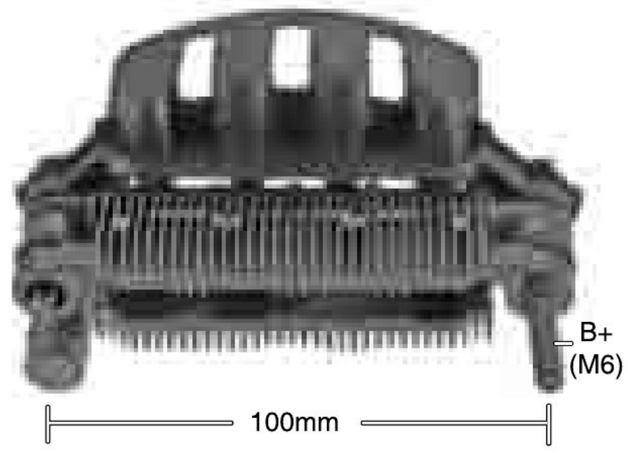
IMR10042
(Ref# 31-8325)
Rectifier

For: Mitsubishi 65-90A IR/IF Alternators
Used On: (1994-87) Dodge, Eagle, Mitsubishi, Plymouth
Replaces: Mitsubishi A860T23070, A860T28070; Mitsubishi Motors MD611564, MD611768
Unit Nos: Mitsubishi A3T02193, A3T03392, A3T03393, A3T03471, A3T03492, A3T03493, A3T04493, A3T08293, A3T41876, A3T45693, A3T45694
Lester Nos: 13238, 13249, 13257, 13271, 13289, 13290
WAI Ref. Nos: 1-1189-01MI, 1-1202-01MI, 1-1215-01MI, 1-1216-01MI, 1-1227-01MI, 1-1434-01MI
Dim: 100mm Mtg. Length
Note: With diode trio
Features:
• 8-30A diodes



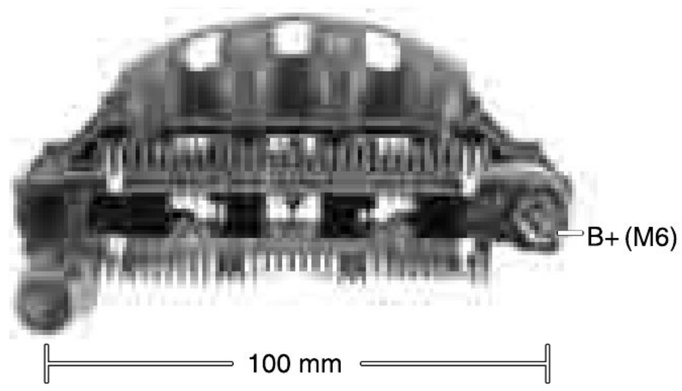
IMR10044
(Ref# 31-8338)
Rectifier

For: Mitsubishi 90A IR/IF Alternators
Used On: (1991) Subaru
Replaces: Mitsubishi A860T30170, Subaru 23830-AA030
Unit Nos: Mitsubishi A3T03891, Subaru 23700-AA061
Lester Nos: 13263
WAI Ref. Nos: 1-1259-01MI
Dim: 100mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term.
Note: With diode trio
Features:
• 8-30A diodes



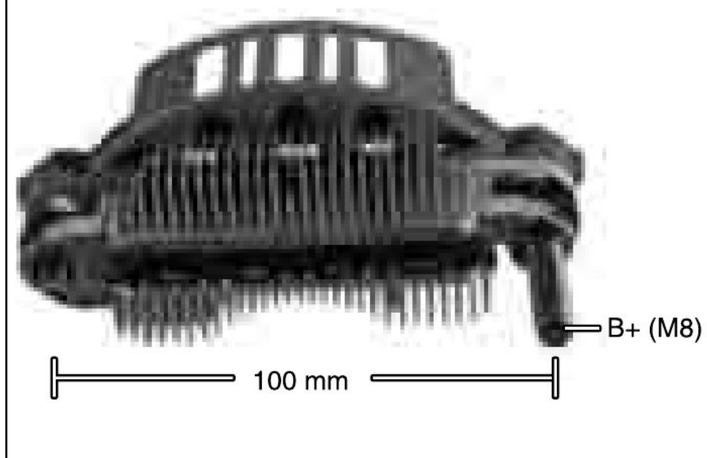
IMR10048
Rectifier

For: Mitsubishi 90A IR/IF Alternators
Used On: (1995-92) Mitsubishi
Replaces: Mitsubishi Motors MD618422, Mitsubishi A860T36070
Unit Nos: Mitsubishi A4T01793, A4T01893, A4T02991, A4T03091; Mitsubishi Motors MD160539, MD160540, MD197468, MD197469
Lester Nos: 13435
WAI Ref. Nos: 1-1595-01MI
Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



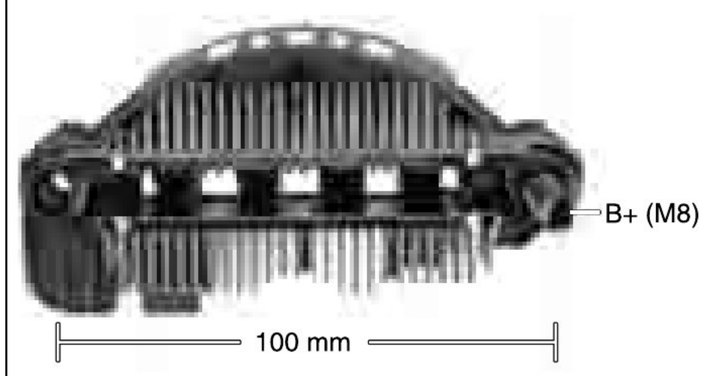
IMR10050
(Ref# 31-8339)
Rectifier

For: Mando, Mitsubishi 110A IR/IF Alternators
Used On: (1995-91) Dodge, Hyundai, Mitsubishi
Replaces: Mitsubishi A860T26070; Mitsubishi Motors MD611742
Unit Nos: Hyundai 37300-35570, 37300-35571, 37300-35573; Mando AB111057; Mitsubishi A4T01493, A4T03191; Mitsubishi Motors MD150657, MD197470
Lester Nos: 13351, 13703
WAI Ref. Nos: 1-1432-01MI, 1-2430-01MI
Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 8-30A diodes



IMR10057
Rectifier

For: Mitsubishi 95A IR/IF Alternators
Used On: Ford Transit (Europe)
Unit Nos: Ford 98VB-10K359-BA, -BB, -BC; Mitsubishi A3TN1791
WAI Ref. Nos: 1-2613-01MI
Dim: 100mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With heavy duty diode trio
Features:
• 8-30A diodes



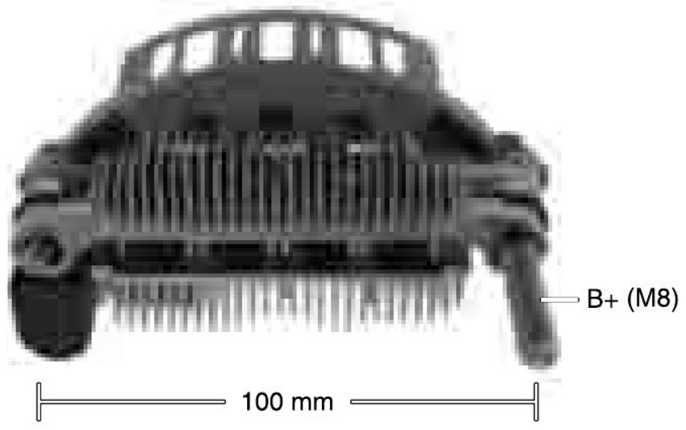
IMR10058
Rectifier

For: Mitsubishi 85-125A IR/IF Alternators
Used On: (2003-97) Mercury, Mitsubishi, Nissan
Replaces: Mitsubishi A860X58170
Unit Nos: Ford XF52-10300-AC, XF5Z-10346-AA; Mitsubishi A3TA0791A, A3TA5691; Nissan 23100-7B000; Mitsubishi Motors MD350608
Lester Nos: 13692, 13821
WAI Ref. Nos: 1-2147-01MI, 1-2269-01MI
Dim: 100mm Mtg. Length
M8 x 1.25 x 30mm Batt. Term.
Note: Without diode trio.
Without capacitor.
Features:
• 8-30A diodes

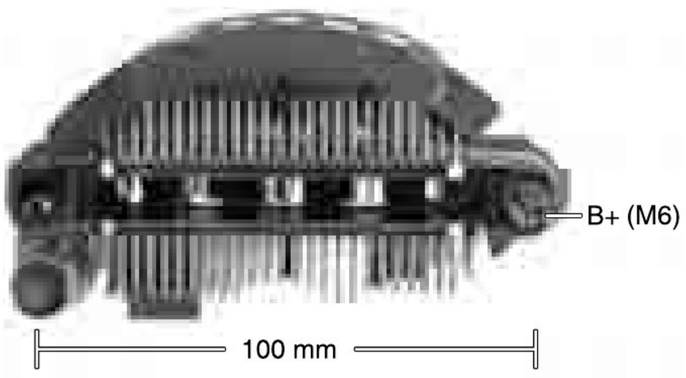
ALTERNATOR - RECTIFIERS (TRANSPO)

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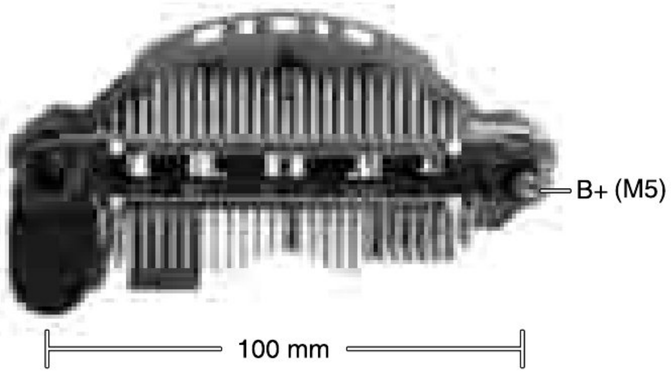
100mm Mtg (Finned Heat Sink) (cont'd.)



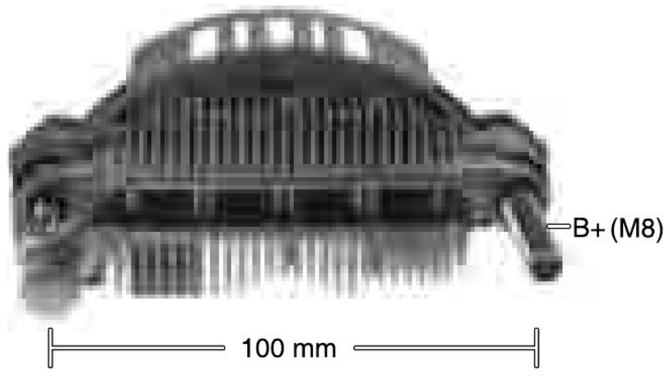
IMR10060
(Ref# 31-8358)
Rectifier
For: Mitsubishi 110A IR/IF Alternators
Used On: (1995-93) Mercury, Nissan
Replaces: Ford F3XA-10304-AA, F3XY-10304-A; Mitsubishi A860T39970
Unit Nos: Mitsubishi A4T02591
Lester Nos: 13473
WAI Ref. Nos: 1-1601-01MI
Dim: 100mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With diode trio
Features:
• 8-30A diodes



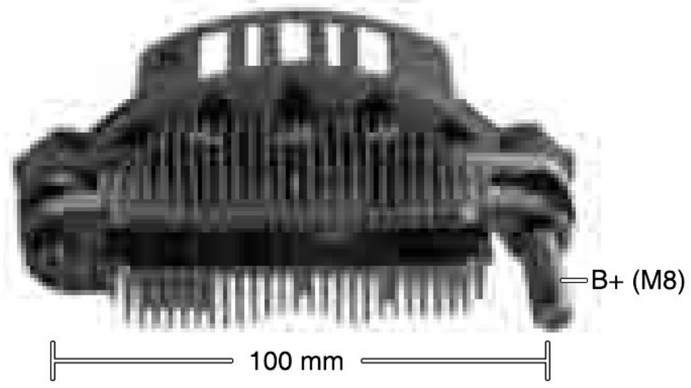
IMR10062
(Ref# 31-8357)
Rectifier
For: Mitsubishi 120A IR/IF Alternators
Used On: (1995-93) Ford
Replaces: Ford F3DZ-10304-A, Mitsubishi A860T42070
Unit Nos: Mitsubishi A6T41591
Lester Nos: 13447
WAI Ref. Nos: 1-1590-01MI
Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 8-30A diodes



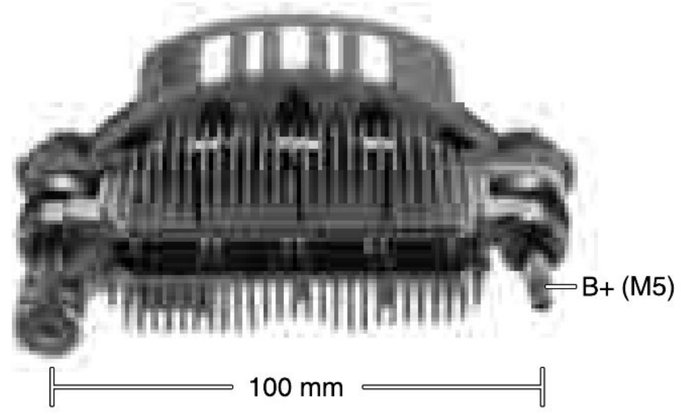
IMR10064
(Ref# 31-8356)
Rectifier
For: Mitsubishi 90-100A IR/IF Alternators
Used On: (2001-92) Ford, Mazda
Replaces: Ford F32Z-10304-B; Mazda K801-18-W60, N3A1-18-W60; Mitsubishi A860T38670, A860T40270
Unit Nos: Mitsubishi A3T08491, A3T08591
Lester Nos: 13446, 13460
WAI Ref. Nos: 1-1600-01MI, 1-1828-01MI
Dim: 100mm Mtg. Length
M5 x 0.8 Batt. Term., Knurled
Note: With diode trio
Features:
• 8-30A diodes



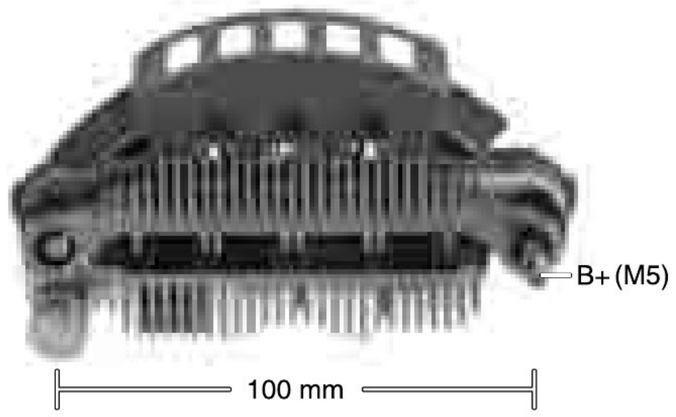
IMR10066
(Ref# 31-8355)
Rectifier
For: Mitsubishi 90-110A IR/IF Alternators
Used On: (1998-92) Mazda, Mercury, Nissan
Replaces: Mazda JE48-18-W60, -W60B; Mitsubishi A860T36770
Unit Nos: Mitsubishi A3T07592, A3TA1091
Lester Nos: 13473, 13511
WAI Ref. Nos: 1-1599-01MI, 1-1601-01MI
Dim: 100mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With diode trio
Features:
• 8-30A diodes



IMR10067
Rectifier
For: Mitsubishi 85A IR/IF Alternators
Used On: (2005-02) Chrysler, Dodge, Mitsubishi
Unit Nos: Mitsubishi Motors MD362301, MD373093; Mitsubishi A3TB3491
Lester Nos: 13886
WAI Ref. Nos: 1-2355-02MI
Dim: 100mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: Without diode trio. Without capacitor.
Features:
• 6-30A diodes

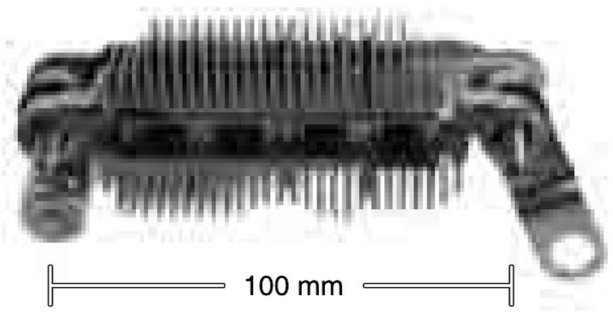


IMR10068
Rectifier
For: Mitsubishi 100A IR/IF Alternators
Used On: (1996-93) Mazda
Replaces: Mazda N3A1-18-W60, Mitsubishi A860T40270
Unit Nos: Mazda N3A1-18-300, N3A1-18-300A; Mitsubishi A3T08591
Lester Nos: 13460
WAI Ref. Nos: 1-1828-01MI
Dim: 100mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio
Features:
• 8-30A diodes



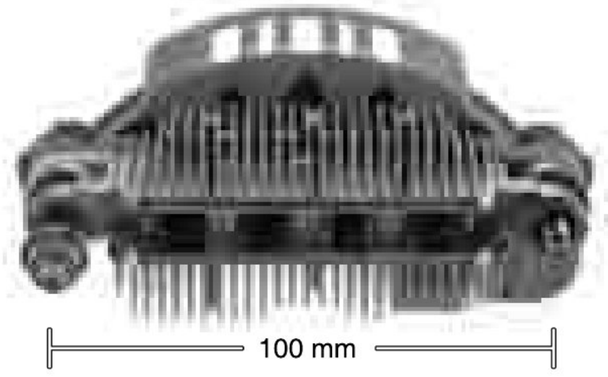
IMR10070
(Ref# 31-8364)
Rectifier

For: Mitsubishi 120A IR/IF Alternators
Used On: (1995-93) Lincoln
Replaces: Ford F3LY-10304-A, Mitsubishi A860T41370
Unit Nos: Ford F3LU-10300-BA, -BB, -BC; F3LY-10346-A; Mitsubishi A6T41491
Lester Nos: 13448
WAI Ref. Nos: 1-1589-01MI
Dim: 100mm Mtg. Length
M5 x 0.8 x 15mm Batt. Term., Knurled
Note: With heavy duty diode trio
Features:
• 8-35A diodes



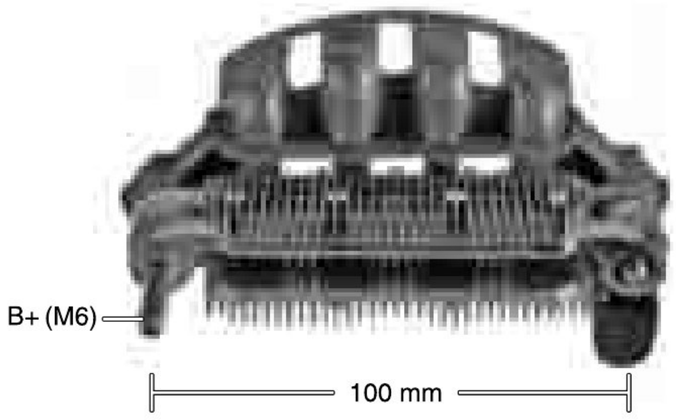
IMR10074
(Ref# 31-8387)
Rectifier

For: Mitsubishi 215A IR/EF Alternators
Used On: Ford Ambulance, EMV
Unit Nos: Ford F5UU-10300-CA, F5UZ-10346-CA; Mitsubishi A8TU0091
Lester Nos: 12075
WAI Ref. Nos: 1-1929-01MI
Dim: 100mm Mtg. Length
Note: With heavy duty diode trio.
Use with IMR10076 rectifier.
Features:
• 8-35A diodes



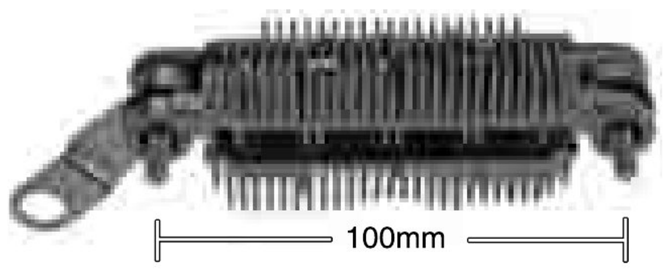
IMR10081
Rectifier

For: Mitsubishi 100A ED/IF Alternators
Used On: (2001-00) Mazda
Unit Nos: Mazda GY01-18-300E, GY01-18-W9XA; Mitsubishi A3TB1081, A3TB1081A
Lester Nos: 13883
WAI Ref. Nos: 1-2377-01MI
Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: Without diode trio.
Without capacitor.
Features:
• 8-30A diodes



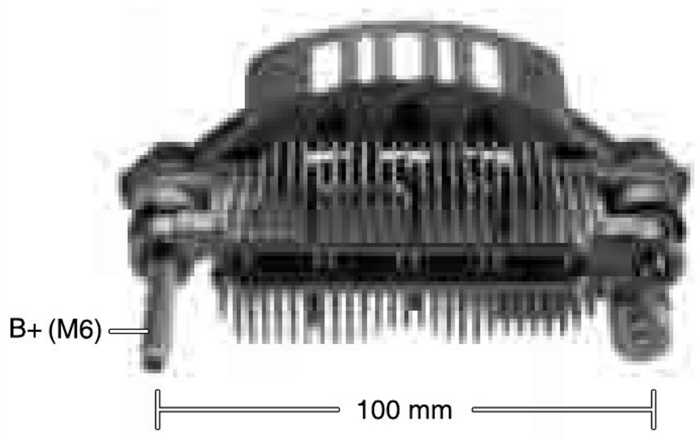
IMR10072
(Ref# 31-8340)
Rectifier

For: Mitsubishi 90A IR/IF Alternators
Used On: (1993-90) Nissan
Replaces: Mitsubishi A860T31770, A860X34799; Nissan 23124-31P10
Unit Nos: Mitsubishi A3T05192, Nissan 23100-31P10
Lester Nos: 13293
WAI Ref. Nos: 1-1108-01MI
Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 8-30A diodes



IMR10076
(Ref# 31-8386)
Rectifier

For: Mitsubishi 215A IR/EF Alternators
Used On: Ford Ambulance, EMV
Unit Nos: Ford F5UU-10300-CA, F5UZ-10346-CA; Mitsubishi A8TU0091
Lester Nos: 12075
WAI Ref. Nos: 1-1929-01MI
Dim: 100mm Mtg. Length
Note: With heavy duty diode trio.
Use with IMR10074 rectifier.
Features:
• 8-35A diodes



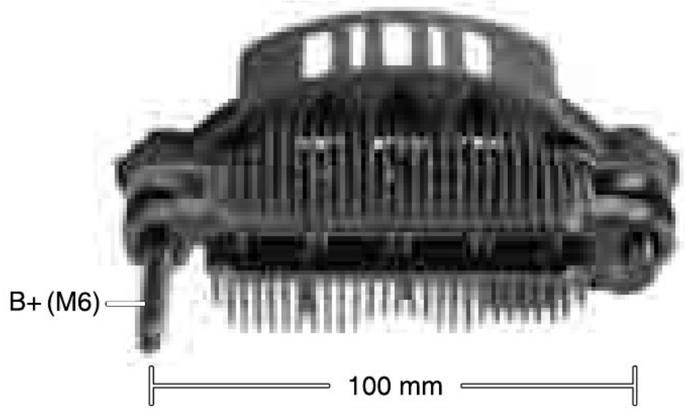
IMR10088
Rectifier

For: Mitsubishi 110A ER/IF Alternators
Used On: (2000-95) Chrysler, Dodge
Unit Nos: Chrysler 4609075, Mitsubishi Motors MO4609075, Mitsubishi A3T14292
Lester Nos: 13577
WAI Ref. Nos: 1-1992-01MI
Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: Without diode trio. With capacitor.
For PCM controlled systems.
Features:
• 8-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

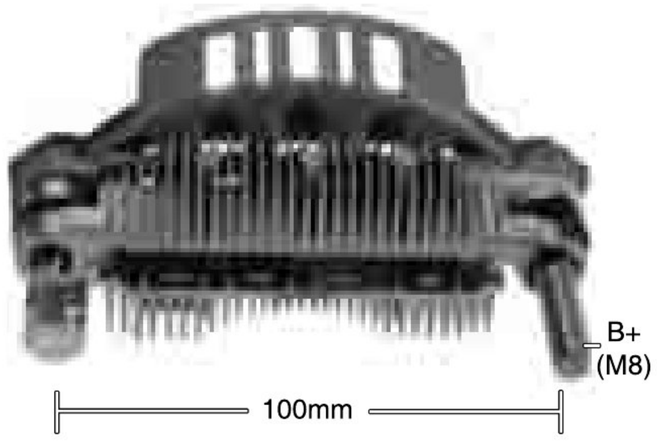
MITSUBISHI

100mm Mtg (Finned Heat Sink) (cont'd.)



IMR10090
(Ref# 31-8385)
Rectifier

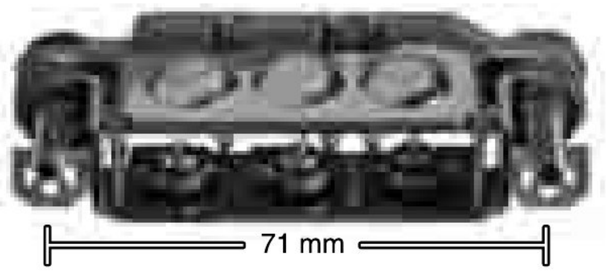
For: Mitsubishi 130A ER/IF Alternators
Used On: (2001-98) Chrysler, Dodge, Plymouth
Unit Nos: Chrysler 4606075, 4609300AC; Mitsubishi A3TA4191
Lester Nos: 13764
WAI Ref. Nos: 1-2176-01MI
Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: Without diode trio. Without capacitor.
For PCM controlled systems.
Features:
• 8-40A diodes



IMR10096
Rectifier

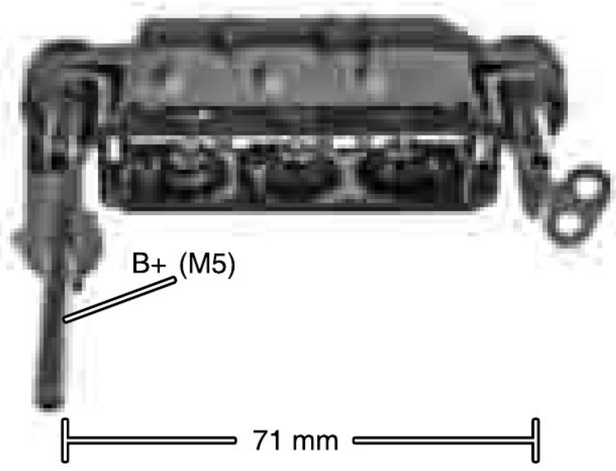
For: Mitsubishi 35A/24V IR/IF Alternators
Used On: Mitsubishi Fuso Canter Truck
Replaces: Mitsubishi Motors ME701569; Mitsubishi A860X52570
Unit Nos: Mitsubishi A3T75883, A3TN5188; Mitsubishi Motors ME017614
Dim: 100mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With heavy duty diode trio.
Features:
• 6-30A diodes

71mm Mtg (non-finned Heat Sink)



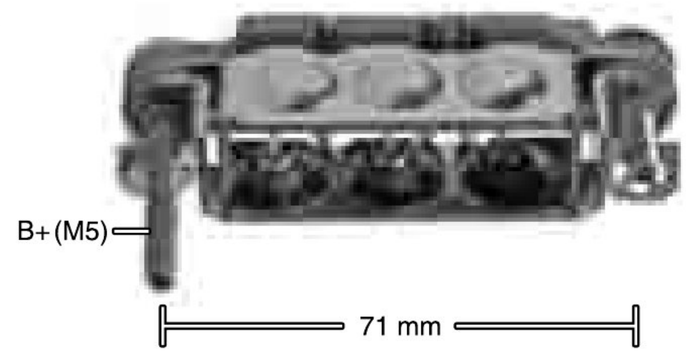
IMR7111
(Ref# 31-8308)
Rectifier

For: Mitsubishi 35-90A IR/EF Alternators
Used On: (1987-78) Chrysler, Dodge, Nissan, Plymouth
Replaces: Mazda D401-24-510; Mitsubishi A860T04370, A860X04892; Mitsubishi Motors MD607429, Nissan 23124-B9810
Unit Nos: Mitsubishi A1T22971, A1T70783, A4T25172*, A4T25191*, A4T25199*, A4T30399*
Lester Nos: 14231, 14557*
WAI Ref. Nos: 1-1112-01MI, 1-1222-01MI, 1-1499-01MI*
Dim: 71mm Mtg. Length
Note: With diode trio.
*Used w/ IMR7113 (31-8309) rectifier.
Features:
• 6-25A diodes
• Copper heat sinks



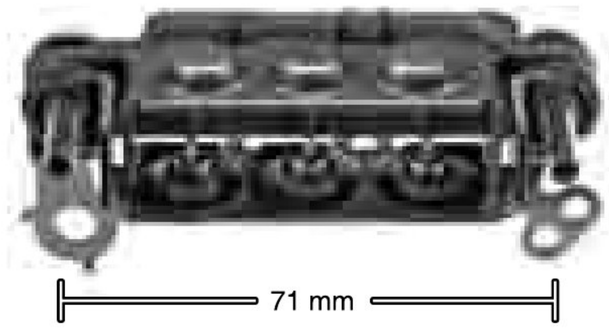
IMR7113
(Ref# 31-8309)
Rectifier

For: Mitsubishi 75-90A IR/EF Alternators
Used On: (1991-81) Chrysler, Dodge, Peugeot, Plymouth
Replaces: Marelli 940038275; Mitsubishi A860T04870, A860X04870; Mitsubishi Motors MD607430
Unit Nos: Mitsubishi A3T03291; A3T03298, A, B; A3T45191, A3T45291, A3T45292, A4T25172*, A4T25191*, A4T25199*, A4T30399*
Lester Nos: 13254, 13429, 14557*
WAI Ref. Nos: 1-1222-01MI, 1-1326-01MI, 1-1326-02MI, 1-1499-01MI*
Dim: 71mm Mtg. Length
M5 x 0.8 x 35mm Batt. Term.
Note: Without diode trio.
Used w/ IMR7111 (31-8308) rectifier.
Features:
• 6-25A diodes
• Copper heat sinks



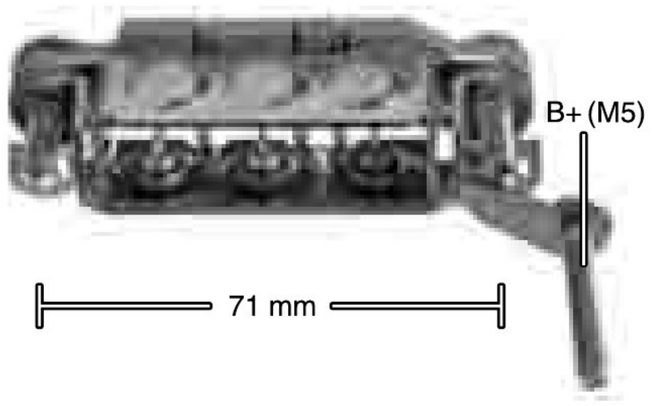
IMR7117
(Ref# 31-8389)
Rectifier

For: Mitsubishi 20-35A/12-24V ER/EF Alternators
Used On: Nissan Lift Trucks, TCM Lift Trucks
Replaces: Mitsubishi A860T09470, Mitsubishi Motors MD607340, Nissan 23124-U0114
Unit Nos: Mitsubishi A1T24371, A1T24471, A1T70883, A2T22771, AQ2250L1; Mitsubishi Heavy Industry 30668-59601, Mitsubishi Motors, MD003518; Nissan, 23100-M0414, -U0114
Lester Nos: 14213
WAI Ref. Nos: 1-1111-01MI
Dim: 71mm Mtg. Length
M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio
Features:
• 6-25A diodes
• Copper heat sinks



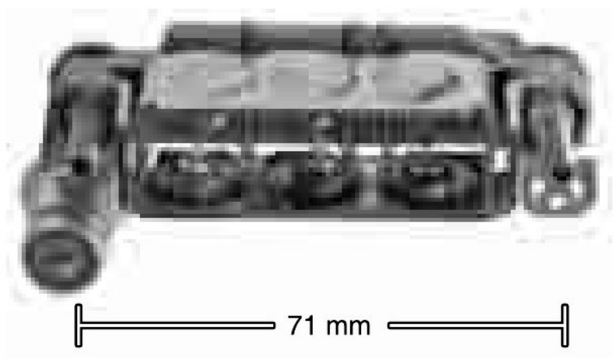
IMR7119
Rectifier

For: Mitsubishi 80A IR/EF Alternators
Used On: (1991-90) Peugeot
Replaces: Marelli 940038275
Unit Nos: Mitsubishi A3T03291B; A3T03298A, B; A3T45191, A3T45291, A3T45292; Peugeot 888313096, 920313880; Porsche 960-313-928-0
Lester Nos: 13254
WAI Ref. Nos: 1-1326-01MI
Dim: 71mm Mtg. Length
Note: Without diode trio
Features:
• 6-25A diodes
• Copper heat sinks



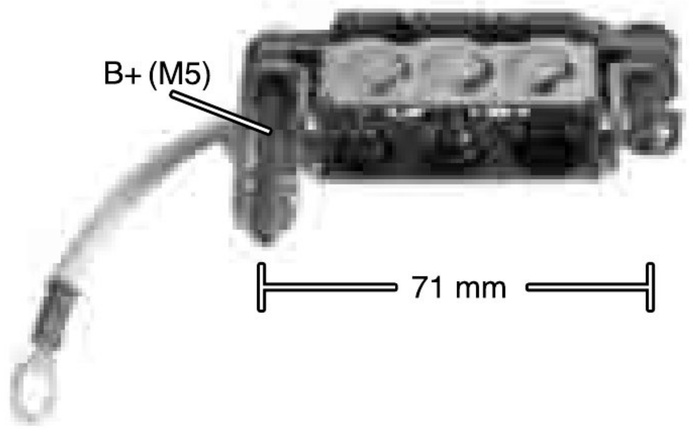
IMR7139
(Ref# 31-8392)
Rectifier

For: Mitsubishi 40A IR/EF Alternators
Used On: Sumitomo Yale, Yale Lift Trucks
Replaces: Mazda S205-24-510, Mitsubishi A860T08570
Unit Nos: Mazda 4813-18-300, Mitsubishi A1T32084, Yale 9010278-01
Lester Nos: 12139
Dim: 71mm Mtg. Length
M5 x 0.8 x 40mm Batt. Term.
Note: With diode trio
Features:
- 6-25A diodes
- Copper heat sinks



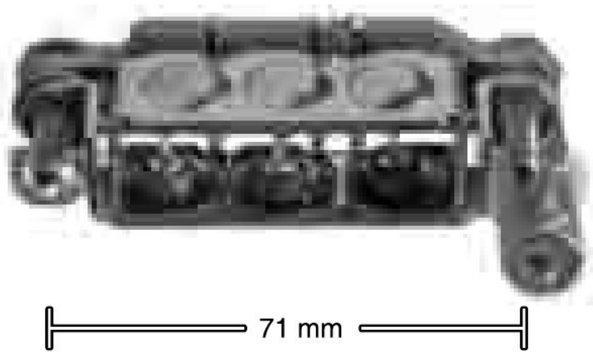
IMR7141
(Ref# 31-8302)
Rectifier

For: Mitsubishi 35-80A IR/EF Alternators
Used On: (1991-82) Ford, Mazda, Peugeot
Replaces: Mazda D401-24-510B, Mitsubishi A860T11270
Unit Nos: Mitsubishi A1T03476, A1T23377, A1T31371, A1T31374, A1T31377, A3T03291, A3T03298
Lester Nos: 13254, 13429, 14597, 14600
WAI Ref. Nos: 1-1152-01MI, 1-1326-01MI, 1-1326-02MI
Dim: 71mm Mtg. Length
Note: With diode trio
Features:
- 6-25A diodes
- Copper heat sinks



IMR7143
(Ref# 31-8312)
Rectifier

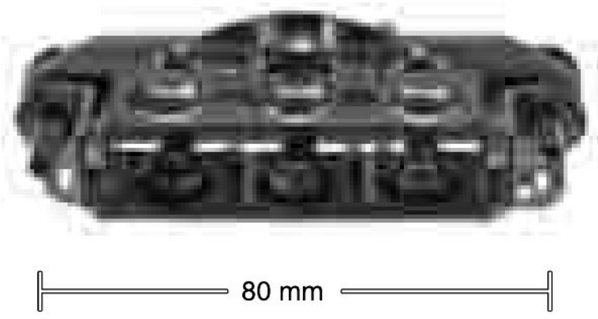
For: Mitsubishi 35-40A IR/EF Alternators
Used On: (1984-82) Mazda
Replaces: Mazda S201-24-510; Mitsubishi A860T06970
Unit Nos: Mazda S201-18-300, A; S202-18-300A, S241-18-300A; Mitsubishi A1T23479, A1T23579, A1T32779
Lester Nos: 14601, 14705
WAI Ref. Nos: 1-1155-01MI
Dim: 71mm Mtg. Length
M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio
Features:
- 6-25A diodes
- Copper heat sinks



IMR7171
(Ref# 31-8332)
Rectifier

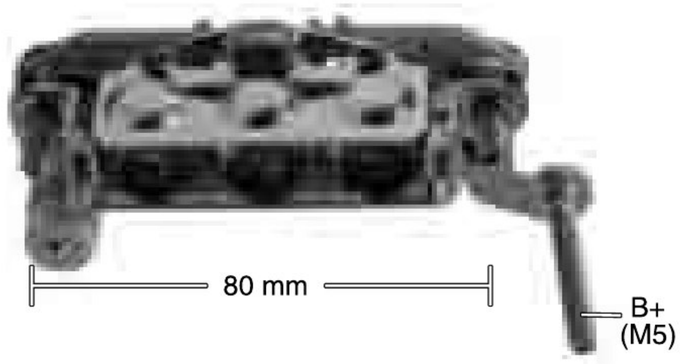
For: Mitsubishi 35-40A IR/EF Alternators
Used On: Ford, Mazda
Replaces: Mazda GE01-24-510, Mitsubishi A860T07170
Unit Nos: Mitsubishi A1T23377, A1T31374, A1T31377
Dim: 71mm Mtg. Length
Note: With diode trio
Features:
- 6-25A diodes
- Copper heat sinks

80mm Mtg (non-finned Heat Sink)



IMR8011
(Ref# 31-8390)
Rectifier

For: Mitsubishi 50A ER/EF Alternators
Used On: Nissan
Replaces: Mitsubishi A860T08470, Nissan 23124-W581
Unit Nos: Mitsubishi A5T00272, A5T20871, A5T20872, A5T20972, A5T21871, A5T21897; Nissan 23100-10B10, -27G10, -47R10, -N9512
Dim: 80mm Mtg. Length
Note: With diode trio
Features:
- 6-25A diodes
- Copper heat sinks



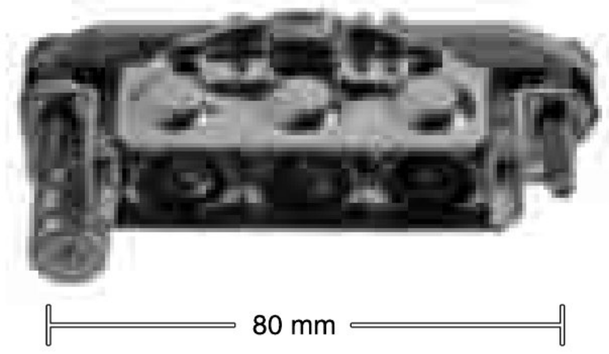
IMR8041
(Ref# 31-8313)
Rectifier

For: Mitsubishi 45-50A IR/EF Alternators
Used On: (1986-83) Dodge, Mitsubishi
Replaces: Mitsubishi A860T08270, Mitsubishi Motors MD607616
Unit Nos: Mitsubishi A5T15584, A5T20484, A5T21684, A5T22484, A5T23784; Mitsubishi Motors MD013740, MD061818, MD069859, MD072582, MD086016, MD304139
Lester Nos: 14690, 14692
WAI Ref. Nos: 1-1208-01MI
Dim: 80mm Mtg. Length
M5 x 0.8 x 38mm Batt. Term.
Note: With diode trio
Features:
- 6-25A diodes
- Copper heat sinks

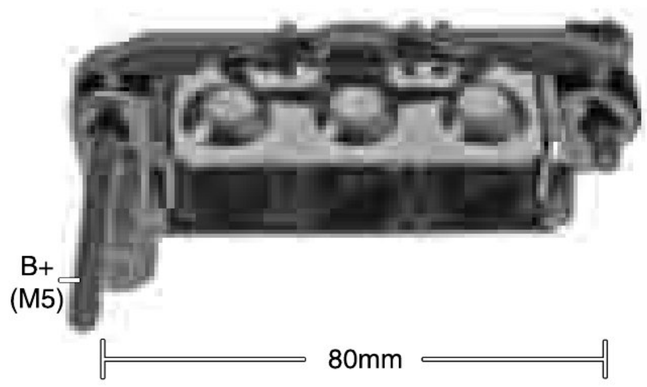
ALTERNATOR - RECTIFIERS (TRANSPO)

MITSUBISHI

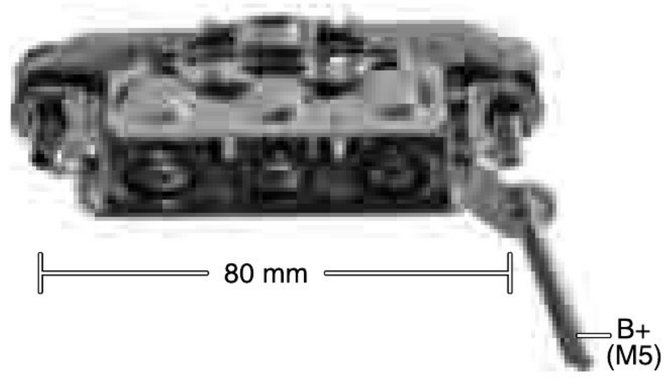
80mm Mtg (non-finned Heat Sink) (cont'd.)



IMR8043
(Ref# 31-8310)
Rectifier
For: Mitsubishi 45-50A IR/EF Alternators
Used On: (1986-79) Dodge, Mazda, Mitsubishi, Plymouth
Replaces: Mazda N221-24-510; Mitsubishi A860T06070, A860T06082; Mitsubishi Motors MD607568
Unit Nos: Mitsubishi A5T15171, A5T15371, A5T15471, A5T20374, A5T20377, A5T20571, A5T21071, A5T21077, A5T23277
Lester Nos: 14267, 14268, 14307, 14533, 14550, 14596, 14646, 14704
WAI Ref. Nos: 1-1138-01MI, 1-1209-01MI, 1-1210-01MI, 1-1223-01MI
Dim: 80mm Mtg. Length
Note: With diode trio
Features:
- 6-25A diodes
- Copper heat sinks

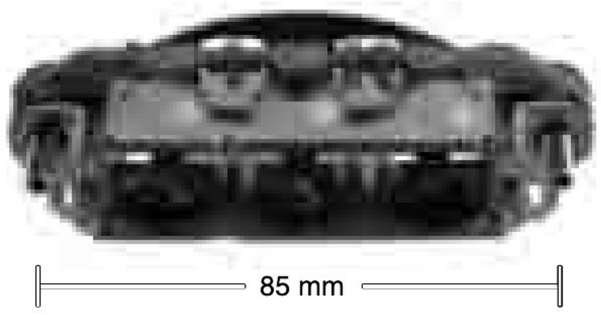


IMR8045
(Ref# 31-8315)
Rectifier
For: Mitsubishi 50A IR/EF Alternators
Used On: (1985-83) Mazda
Replaces: Mazda E563-24-510; Mitsubishi A860T10770
Unit Nos: Mazda E331-18-300A, E563-18-300, E563-18-300A, E5A1-18-300A; Mitsubishi A5T21471, A5T21472, A5T30171
Lester Nos: 14701
WAI Ref. Nos: 1-1578-01MI
Dim: 80mm Mtg. Length
M5 x 0.8 x 38mm Batt. Term.
Note: With diode trio
Features:
- 6-25A diodes
- Copper heat sinks

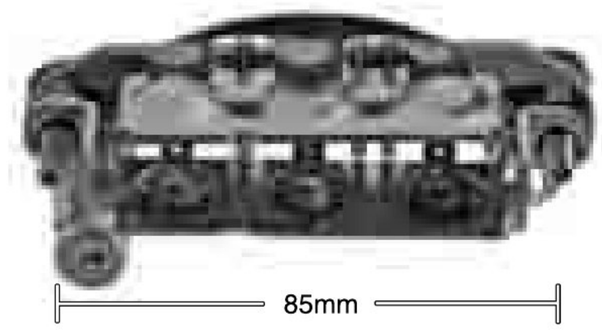


IMR8047
(Ref# 31-8391)
Rectifier
For: Mitsubishi 25A/24V IR/EF Alternators
Used On: Mitsubishi Lift Trucks
Replaces: Mitsubishi A860T14570, Mitsubishi Motors ME700555
Unit Nos: Mitsubishi A5T22578, A5T22583, A5T70178, A5T70183, A5T70283; Mitsubishi Motors ME017561
Dim: 80mm Mtg. Length
M5 x 0.8 x 38mm Batt. Term.
Note: With diode trio
Features:
- 6-25A diodes
- Copper heat sinks

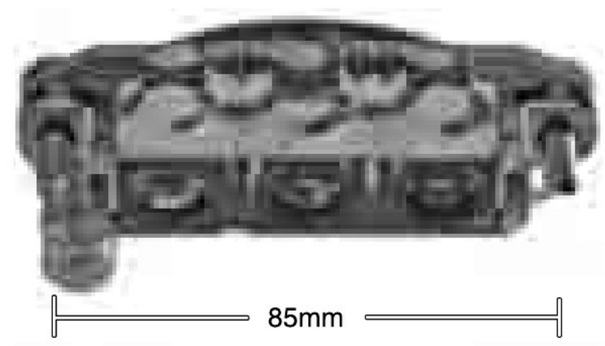
85mm Mtg (non-finned Heat Sink)



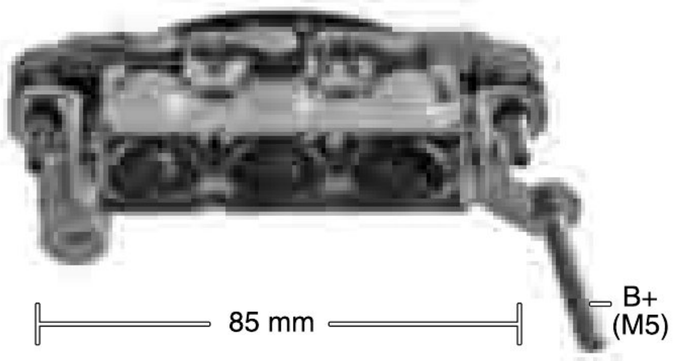
IMR8511
(Ref# 31-8314)
Rectifier
For: Mitsubishi 45-55A IR/EF Alternators
Used On: (1983-79) Dodge, Mazda, Mitsubishi, Plymouth
Replaces: Mazda 8173-24-510; Mitsubishi A860T03970, A860T05170; Mitsubishi Motors MD607370, MD607441; Nissan 23124-W7110
Unit Nos: Mitsubishi A2T12371, A2T16371, A2T16371A, A2T16471, A2T16471A, A2T16871, A2T23171, A2T23271, A2T23277, A2T23471, A2T23474, A2T23477, A2T24771, A2T24971, AQ2240K1, AQ2245G1, AQ2245K1, AQ2250G1, AQ2250G7, AQ2250K1
Lester Nos: 14267, 14268, 14307, 14550, 14596, 14704
WAI Ref. Nos: 1-1138-01MI, 1-1209-01MI, 1-1223-01MI
Dim: 85mm Mtg. Length
Note: With diode trio, without capacitor.
Features:
- 6-25A diodes
- Copper heat sinks



IMR8541
Rectifier
For: Mitsubishi 55-60A IR/EF Alternators
Used On: (1986-82) Dodge, Mazda, Mitsubishi
Replaces: Ford E8PZ-10301-B; Mazda FE01-24-510A, HE41-24-510; Mitsubishi A860T08370, A860T09370, A860T10470; Mitsubishi Motors MD607693
Unit Nos: Mitsubishi A2T31677, A2T31977, A2T40374, A2T40377, A2T40571, A2T40577, A2T40773, A2T41091, A2T41191, A2T41371, A2T41377
Lester Nos: 14267, 14307, 145507, 14596, 14702, 14704
WAI Ref. Nos: 1-1138-01MI, 1-1139-01MI, 1-1209-01MI
Dim: 85mm Mtg. Length
Note: With diode trio.
For version w/ P-terminal use IMR8543
Features:
- 6-25A diodes
- Copper heat sinks

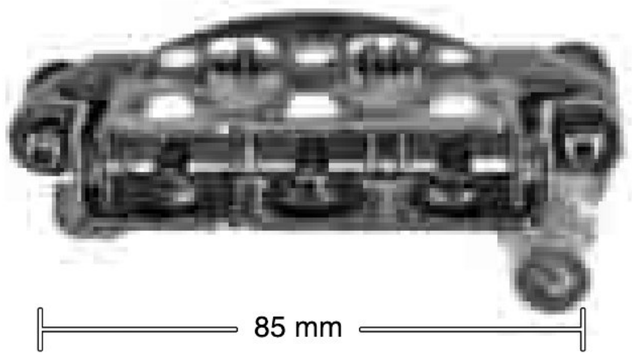


IMR8543
(Ref# 31-8311)
Rectifier
For: Mitsubishi 55-60A IR/EF Alternators
Used On: (1986-82) Dodge, Mazda, Mitsubishi
Replaces: Mazda FE01-24-510A, HE41-24-510; Mitsubishi A860T08370, A860T10470; Mitsubishi Motors MD607693
Unit Nos: Mitsubishi A2T31677, A2T40377, A2T41191, A2T41371, A2T41377
Lester Nos: 14267, 14307, 14550, 14596, 14702, 14704
WAI Ref. Nos: 1-1138-01MI, 1-1139-01MI, 1-1209-01MI
Dim: 85mm Mtg. Length
Note: With diode trio, with P-terminal.
For version wo/ P-terminal use IMR8541
Features:
- 6-25A diodes
- Copper heat sinks



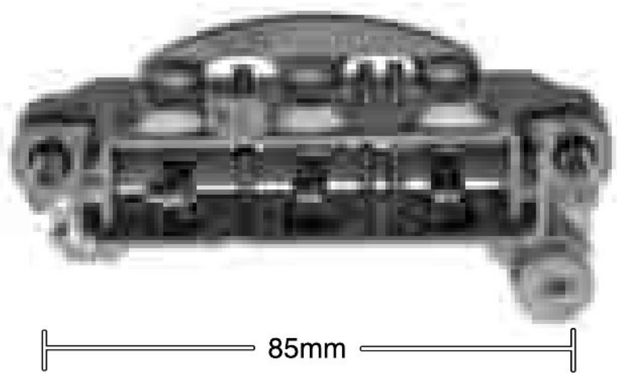
IMR8545
(Ref# 31-8331)
Rectifier

For: Mitsubishi 35-60A IR/EF Alternators w/ Vacuum Pump
Used On: (1985-84) Mazda (Diesel); Caterpillar, Mitsubishi-Fuso
Replaces: Mazda S215-24-510, Mitsubishi A860T08770, A860T15170; Mitsubishi Motors MD607680
Unit Nos: Mitsubishi A2T27176, A2T27376, A2T32386, A2T32583, A2T41477, A2T41899, A2T43583, A2T72186, A2T72188, A2T72189, A2T72190, A2T72286, A2T72299, A2T72378, A2T72383, A2T72483, A2T72576, A2T72676, A2T72893, A2T73176, A2T73499, A2T73586, A2T74599, A2T75686
Lester Nos: 12228, 12317, 14703
WAI Ref. Nos: 1-1140-01MI
Dim: 85mm Mtg. Length
M5 x 0.8 x 38mm Batt. Term.
Note: With diode trio
Features:
- 6-25A diodes
- Copper heat sinks



IMR8571
(Ref# 31-8304)
Rectifier

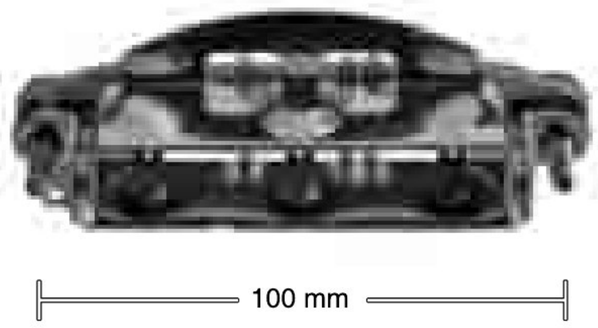
For: Mitsubishi 50A IR/EF Alternators
Used On: (1982-81) Mazda
Replaces: Mazda 8173-24-510A; Mitsubishi A860T07270, A860T12070
Unit Nos: Mitsubishi A2T23474, A2T25071, A2T25171*, A2T26072, A2T26172*
Lester Nos: 14307, 14571*, 14550, 14596, 14598, 14704
WAI Ref. Nos: 1-1138-01MI, 1-1159-01MI*
Dim: 85mm Mtg. Length
Note: With diode trio.
*Requires P-terminal.
Features:
- 6-25A diodes
- Copper heat sinks



IMR8573
Rectifier

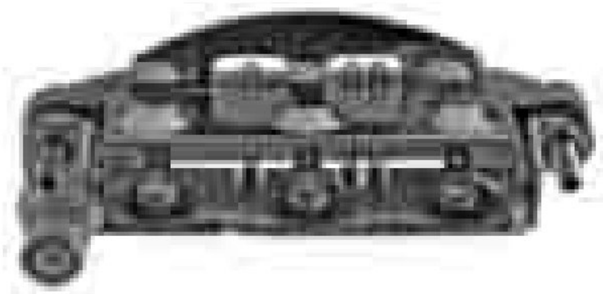
For: Mitsubishi 50A IR/EF Alternators
Used On: (1982-81) Mazda
Replaces: Mitsubishi A860T12070
Unit Nos: Mitsubishi, A2T25171, A2T26172
Lester Nos: 14571
WAI Ref. Nos: 1-1159-01MI
Dim: 85mm Mtg. Length
Note: With diode trio, with P-terminal. For version wo/ P-terminal use IMR8571.
Features:
- 6-25A diodes
- Copper heat sinks

100mm Mtg (non-finned Heat Sink)



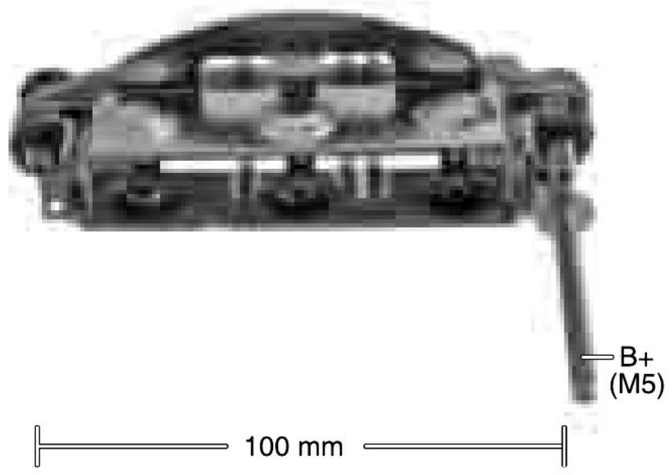
IMR10011
(Ref# 31-8307)
Rectifier

For: Mitsubishi 55-65A IR/EF Alternators
Used On: (1986-82) Dodge, Mitsubishi, Nissan, Plymouth
Replaces: Mazda 4130-24-510A; Mitsubishi A860T04170, 05270, 07370; Mitsubishi Motors MD607385, MD607529; Nissan 23124-Q4610
Unit Nos: Mitsubishi A3T21371, A3T21677, A3T32772, A3T32877, A3T33772
Lester Nos: 14267, 14307, 14550, 14596, 14650, 14696, 14698, 14704, 14982
WAI Ref. Nos: 1-1097-01MI, 1-1138-01MI, 1-1185-01MI, 1-1204-01MI, 1-1209-01MI
Dim: 100mm Mtg. Length
Note: With diode trio
Features:
- 6-50A diodes
- Copper heat sink



IMR10041
(Ref# 31-8306)
Rectifier

For: Mitsubishi 55-65A IR/EF Alternators
Used On: (1986-80) Dodge, Mazda, Mitsubishi, Plymouth
Replaces: Mazda 4130-24-510B, FE05-24-510; Mitsubishi A860T10370, A860T11370; Mitsubishi Motors MD607818
Unit Nos: Mitsubishi A3T21277, A3T21278, A3T21677, A3T34391, A3T34572, A3T34672, A3T34677
Lester Nos: 14307, 14550, 14596, 14650, 14696, 14698, 14704
WAI Ref. Nos: 1-1138-01MI, 1-1185-01MI, 1-1204-01MI
Dim: 100mm Mtg. Length
Note: With diode trio
Features:
- 6-50A diodes
- Copper heat sink



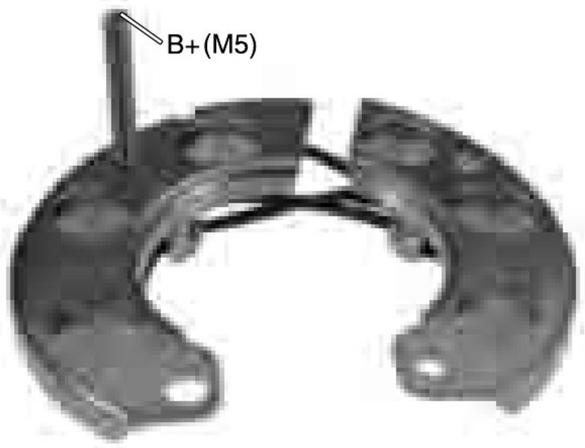
IMR10043
(Ref# 31-8378)
Rectifier

For: Mitsubishi ER/EF Alternators
Used On: Nissan Bluebird
Replaces: Mitsubishi A860T11770, Nissan 23124-05E16
Unit Nos: Mitsubishi A3T35278
Dim: 100mm Mtg. Length
M5 x 0.8 x 38mm Batt. Term.
Note: With diode trio
Features:
- 6-50A diodes
- Copper heat sink

ALTERNATOR - RECTIFIERS (TRANSPO)

MITSUBISHI

115mm OD



IMR5010
(Ref# 31-8372)
Rectifier

For: Mitsubishi 35A ER/EF Alternators
Used On: Nissan Lift Truck
Replaces: Mitsubishi A860T01770, Mitsubishi Motors MD607175, Nissan 23230-U0110
Unit Nos: Mitsubishi A1T21171, A1T22074, A1T22581, AG2030T, AH2035M4, AH2035N1,
Lester Nos: 14194, 14213
WAI Ref. Nos: 1-1111-01MI, 1-1148-01MI
Dim: 115mm OD
M5 x 0.8 Batt. Term.
Features:
- 6-25A diodes

135mm OD



IMR13500
Rectifier

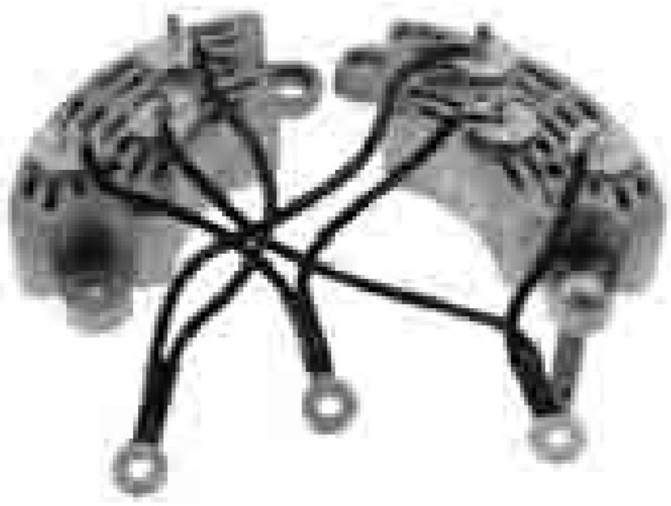
For: Mitsubishi 200A IR/IF Alternators
Used On: (2005-03) Ford w/ Police Option
Replaces: Mitsubishi A860T88170
Unit Nos: Ford 4W73-10300-AC 4W7Z-10346-AC, GL-598; Mitsubishi A4TJ0181
Lester Nos: 11026
WAI Ref. Nos: 1-2514-11MI
Dim: 135mm OD
Features:
- 16-50A diodes

MOTOROLA



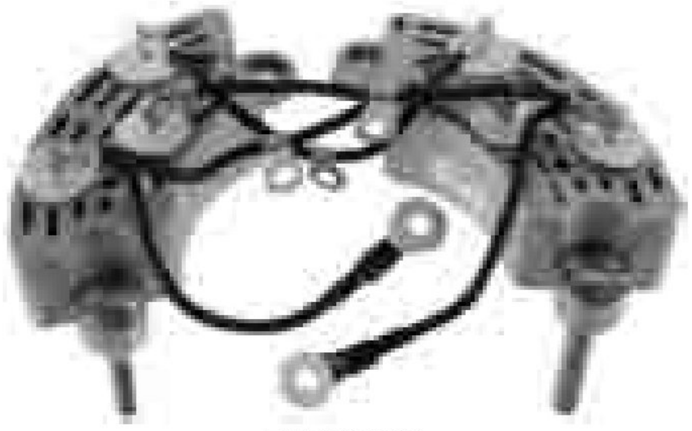
MR8281
Rectifier - Neg. & Pos. Assy.

For: Motorola / Prestolite 8SC Series Alternators
Replaces: Prestolite 101-81, 101-82, 0142499T99
Unit Nos: Motorola / Prestolite 8LHC2004Z, 8LHC2010Z, 8SB2001R, 8SB2003W, 8SB3002R, 8SC2001R, 8SC2004Z, 8SC2007ZR, 8SC2010Z, 8SC3002U, 8SC3003U, 8SC3005V, 8SC3008U, 8SC3009Z, 8SC3011U, 8SC3014U, 8SC3015U, 8SC3017V, 8SC3018V, 8SC3019U, 8SC4006U, 8SC4020U; 110-144, -150, -158, -176, -181, -182, -183, -184, -185, -228, -254, -258, -268, -298, -302, -306, -308, -316, -324
Note: B+ Insulator not included.
Features:
- 12-70A press-fit diodes (6/side)
- Crimp-weld diode terminations
- Premium XLP wiring



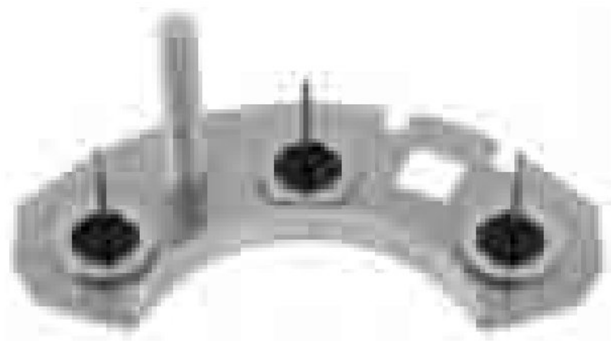
MR6205
Rectifier - Neg. & Pos. Assy.

For: Motorola / Prestolite 8LHA Series Alternators
Replaces: Prestolite 101-205
Unit Nos: Motorola / Prestolite 8LHA2023VA, 8LHA2026V, 8LHA2028V, 8LHA2032V, 8LHA2037V, 8LHA2041VA, 8LHA3025PA, 8LHA3031PA; 110-255, -277, -296, -297
Lester Nos: 7460, 7462, 8046, 8057
WAI Ref. Nos: 1-2127-00MO
Dim: 5/16-24 B+ Terminal
Features:
- 6-50A diodes
- Precision aluminum die-casting
- Hi-temperature, flex-wires



MR6206
Rectifier - Neg. & Pos. Assy.

For: Motorola / Prestolite 8LHA Series Alternators
Unit Nos: Motorola / Prestolite 8AL2092K, 8LHA2070V, 8LHA2073V, 8LHA2077V, 8LHA2078V, 8LHA2079V, 8LHA2080V, 8LHA2084V, 8LHA3071P, 8LHA3072P, 8LHA3086U; 110-433, -434, -436, -446, -449, -555, -777
Lester Nos: 8058
WAI Ref. Nos: 1-2429-00MO
Dim:
1/4-28 B- Terminal
5/16-24 B+ Terminal
Features:
- 6-50A press-fit diodes
- Precision aluminum die-casting
- Hi-temperature, flex-wires



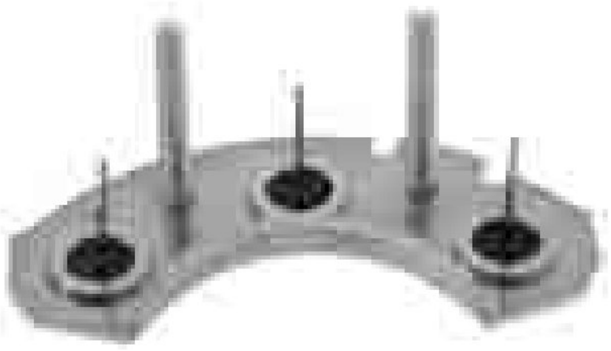
MR6040
(Ref# 31-404)
Rectifier - Positive

For: Motorola / Prestolite 8AL Series Alternators w/ Diode Trio
Replaces: Motorola 1-75, 1-171; Prestolite 101-75, 101-171
Dim: 1/4-20 x 1-3/8 Term.
Note: With square hole & 1-heat sink lip faces up.
Features:
- 3-25A press-fit diodes



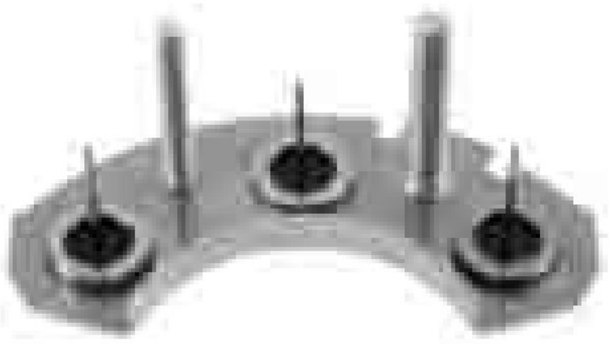
MR6041
(Ref# 31-403)
Rectifier - Negative

For: Motorola / Prestolite A/8AL, HA/8HA, RA/ 8AR Series Alternators w/ Isolation Diode or Diode Trio
Replaces: Motorola 1-2, 1-6, 1-152, 1-156; Prestolite 101-2, 101-6, 101-152, 101-156
Dim: (2) 10-24 x 1-3/8 Term.
Note: 1-heat sink lip faces up.
Features:
• 3-25A press-fit diodes



MR6044
(Ref# 31-402)
Rectifier - Positive

For: Motorola / Prestolite A/8AL, HA/8HA, RA/8AR Series Alternators w/ Isolation Diode
Replaces: Motorola 1-1, 1-5, 1-151; Prestolite 101-1, 101-5, 101-151
Dim: (2) 10-24 x 1-3/8 Term.
Note: 1-heat sink lip faces up.
Features:
• 3-25A press-fit diodes



MR6045
(Ref# 31-419)
Rectifier - Negative

For: Motorola / Prestolite Alternators
Dim:
(1) 10-24 x 1-3/8 Term.
(1) 1/4 x 20 x 1-3/8 Term.
Note: 1-heat sink lip faces up.
Features:
• 3-25A press-fit diodes



MR6064
(Ref# 31-408-1)
Rectifier - Positive

For: Motorola / Prestolite 60-70A/12V Alternators
Replaces: Motorola 1-147, 1-149; Prestolite 101-147, 101-149
Unit Nos: Motorola / Prestolite 8HC2001L, 8HC2003P, 8MA2003P, 8MH2001P, 8MR2008P, 8MR2009P, 8MR2010P, 8MR2012P, 12N72 & others
Dim: (2) 10-24 x 1-3/8 Term.
Note: 2-heat sink lips face down.
Features:
• 3-50A press-fit diodes



MR6065
(Ref# 31-407)
Rectifier - Negative

For: Motorola / Prestolite 60-70A/12V Alternators
Replaces: Motorola 1-18, 1-148 Prestolite 101-18, 101-148
Unit Nos: Motorola / Prestolite 8HC2003P, 2004F, 2005L, 2008F, 2009P, 2012F, 2013P, 2014K, 2015L, 2018L, 3002F, 3010G, 3017G; 8MA2001, 2002K, 2003P, 2004K, 2005F, 2008K, 2010P, 2013P, 2014P, 2015G, 2018P, 2020P, 3006F, 3007F; 8MH2001P, 2003K, 2004F, 2006K, 3005F; 8MR2001, 2002, 2003, 2004, 2006, 2007K, 2008P, 2009, 2009P, 2010P, 2011F, 2012P, 2013K, 2014K, 2015K, 2016K, 2018K, 2019K, 2021K, 2022K, 2023F, 2024F, 2026P, 2036K, 2039K, 2044K, 2052K; A12NEB451, A12NEB550, A12NEB600, A12PEB451, A12PEB550, A12PEB600; MA12-451, 12N451, 12N451D, 12N550, 12N550D, 12N600, 12N600D, 12NC601, 12NJD1201, 12NJD1202, 12NJD1203, 12NJD1205, 12NJD451, 12NJD601, 12NJD602, 12NJD603, 12NJD604, 12P451, 12P550, 12P600, 24-900, 24-900G, 24-902, 24N900, 24N900D, 24NTK901R; MH12-451, 12N601, 12N602, 12NJC551, 24N901, 24N901G; MR12N451, 12N451D, 12N550, 12N550D, 12N600, 12N600D
Dim: (2) 10-24 x 1-3/8 Term.
Note: 2-heat sink lips face down.
Features:
• 3-35A press-fit diodes



MR6072
(Ref# 31-406-1)
Rectifier - Positive

For: Motorola / Prestolite Alternators
Replaces: Motorola 1-137, 1-162; Prestolite 101-137, 101-162
Dim: 1/4 - 20 x 1-3/4 Term.
Note: 2-heat sink lips face down, square hole.
Features:
• 3-50A press-fit diodes



MR6073
(Ref# 31-405-1)
Rectifier - Negative

For: Motorola / Prestolite 70A/12V Alternators
Replaces: Motorola 1-136, 1-159; Prestolite 101-77, 101-90, 101-136, 101-159
Unit Nos: Motorola / Prestolite 8MH2002P, 8MH2007P, 12NP72; 110-134, -200
Lester Nos: 7417, 7492
Dim:
(1) 10-24 x 1-3/4 Term.
(1) 1/4-20 x 1-3/4 Term.
Note: 2-heat sink lips face down.
Features:
• 3-50A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

MOTOROLA (cont'd.)



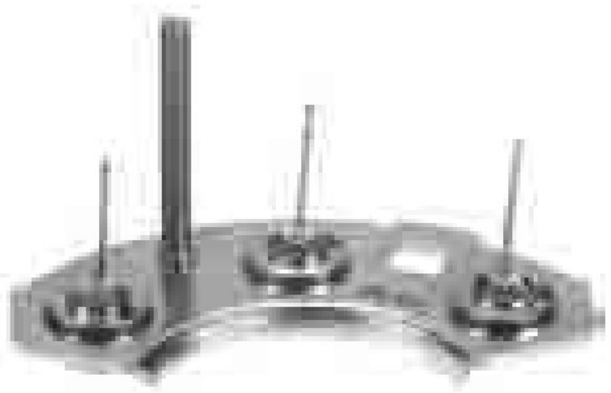
31-414
Rectifier - Negative

For: Motorola / Prestolite Alternators
Dim:
(1) 10-24 x 1-3/8 Term.
(1) 10-24 x 2" Term.
Note: 2-heat sink lips face down w/ nut, washer and insulator
Features:
- 3-50A press-fit diodes
- Aluminum heat sink



31-415
Rectifier - Positive

For: Motorola / Prestolite Alternators
Replaces: Motorola 1-169; Prestolite 101-169
Unit Nos: Motorola / Prestolite 8MR2025T, 8MR2027T, 8MR2028T, 8MR2030T, 8MR2033T, 8MR2035T
Dim: 1/4 - 20 x 1-3/4 Term.
Note: 2-heat sink lips face down w/ raised square hole
Features:
- 3-50A press-fit diodes
- Aluminum heat sink
- w/ diode trio



31-416
Rectifier - Positive

For: Motorola / Prestolite Alternators
Replaces: Motorola 1-67; Prestolite 101-67
Unit Nos: Motorola / Prestolite 8MA3006F, 8MA3007F, 8MH2003K, 8MH2004F, 8MH3005F, MA24-902, MH12N602; 110-70, -84, -129, -131, -132, -133, -245
Dim: 10-24 x 1-3/4 Term.
Note: With square hole & 2-heat sink lips face down
Features:
- 3-35A press-fit diodes
- Aluminum heat sink



31-417
Rectifier - Positive

For: Motorola / Prestolite Alternators
Replaces: Motorola 1-163, 1-164; Prestolite 101-163, 101-164
Unit Nos: Motorola / Prestolite 8AL2021L, 8AL2024L, 8AL2027L, 8AL2033L, 8AL2044L, 8AL2045L, 8AL2105L, 8HC2013P, 8HC2015L, 8HC2018L, 8HC2027P, 8MA2009L, 8MA2010P, 8MA2013P, 8MA2018P, 8MA2019K, 8MA2020P, 8MH2008P, 8MR2022K, 8MR2023F, 8MR2024F, 8MR2036K, 8MR2044K, 8MR2058P
Lester Nos: 7437
Dim: 1/4 x 20 x 1-3/4 Term.
Note: 2-heat sink lips face down, w/ raised square hole.
Features:
- 3-35A press-fit diodes
- Aluminum heat sink



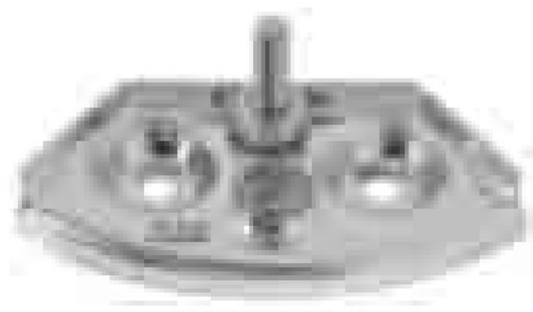
MR6207
(Ref# 31-410)
Rectifier

For: Motorola / Prestolite 8E Series Alternators
Replaces: Motorola 1-207; Prestolite 101-207
Features:
- 6-25A button diodes



MR6208
(Ref# 31-410-1)
Rectifier

For: Motorola / Prestolite 8E Series Alternators
Replaces: Motorola 1-207; Prestolite 101-207
Features:
- 6-50A button diodes
- Epoxy encapsulation protects against moisture & vibration



MR6300-1
(Ref# 31-400)
Rectifier - One Isolation Diode

For: Motorola / Prestolite A/8AL, 8HA Series Alternators
Replaces: Motorola 1-3, -7; Prestolite 101-3, 101-7
Dim: 1/4-20 Term.
Features:
- 1-25A/200V press-fit diode



MR6301-1
(Ref# 31-401)
Rectifier - Two Isolation Diodes

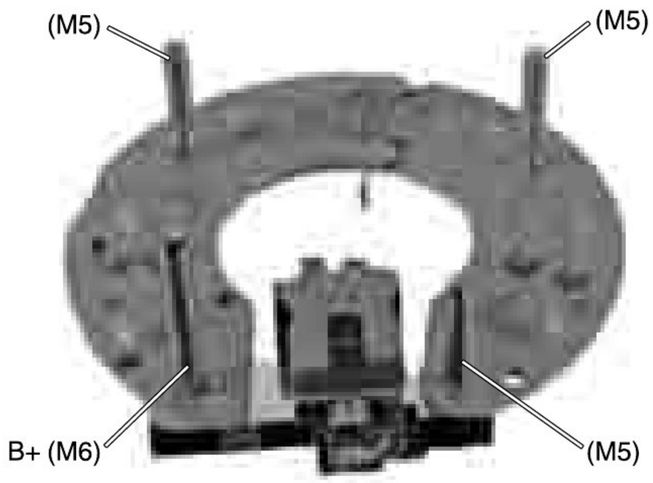
For: Motorola / Prestolite A/8AL, HA/8HA, MR/8MR, RA/8AR Series Alternators
Replaces: Motorola 1-4, 1-13, 1-24, 1-30, 1-64; Prestolite 101-4, 101-13, 101-24, 101-30,101 -64
Dim: 1/4-20 Term.
Features:
• 2-25A/200V press-fit diodes



MR6302
Rectifier - Positive

For: Motorola / Prestolite 8LHA, 8SA Series Alternators
Replaces: IHC 484404B01; Motorola 1-53; Prestolite 101-53
Unit Nos: Motorola / Prestolite 8LHA2011R, 8LHA2030R, 8LHA2063R, 8SA2001N, 8SA2009R, 8SA2011R, 8SA2013N, 8SA2017R, 12SA201; 110-89, -105, -135, -137, -229, -281
Lester Nos: 7386, 7412, 7494
Dim:
(1) 1/4-28 x 1-5/8 Batt. Term. (-)
(1) 5/16-18 x 1-5/8 Batt. Term. (+)
Features:
• 3-35A/200V press-fit diodes

NIPPONDENSO
External Fan



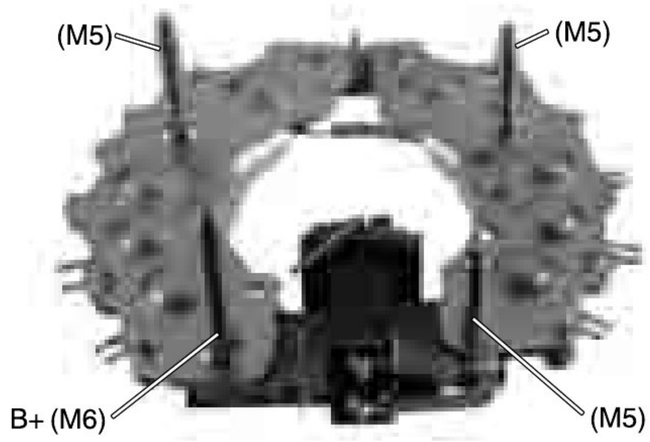
INR400
Rectifier

For: Nippondenso 45A ER/EF Alternators
Used On: (1981-80) Honda
Replaces: Nippondenso 021600-1340
Unit Nos: Honda 31100-PA0-663, 31100-PA6-004, CPB03; Nippondenso 021000-840, -841, -904, -905, -910
Lester Nos: 14158, 14617, 14850
WAI Ref. Nos: 1-1005-01ND, 1-1014-01ND
Dim: 100mm OD
M5 x 0.8 Mtg. Bolts
M6 x 1.0 x 34mm Batt. Term.
Features:
• 6-30A diodes



INR404
(Ref# 31-8225)
Rectifier

For: Nippondenso 45-55A IR/EF Alternators
Used On: (1984-81) Toyota
Replaces: Nippondenso 021600-1930; Toyota 27362-13100, -13150
Unit Nos: Nippondenso 100211-040, 100211-043, 100211-072
Lester Nos: 14345, 14677
WAI Ref. Nos: 1-1079-01ND, 1-1080-01ND
Dim: 114mm OD
M5 x 0.8 Mtg. Posts
Note: Without brush holder assy. Similar to INR710 except INR710 w/ brush holder assy.
Features:
• 8-30A diodes



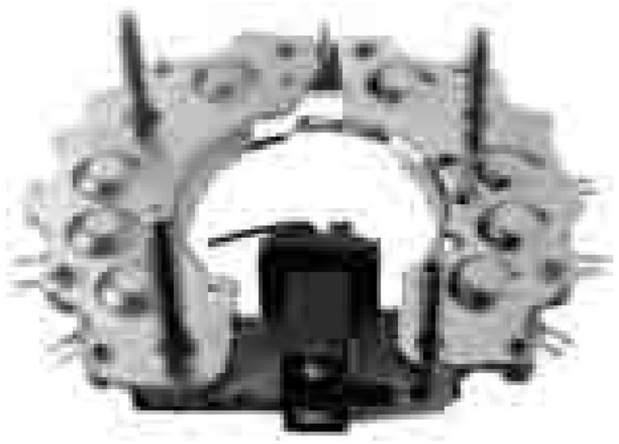
INR710
(Ref# 31-8202)
Rectifier

For: Nippondenso 55-65A IR/EF Alternators
Used On: (1987-81) Isuzu, Toyota
Replaces: Nippondenso 021600-1491, -1531, -1561, -1590, -1860; Toyota 27362-15070, 27362-43020, 27362-43040, 27362-63030
Unit Nos: Nippondenso 100211-050, 100211-053, 100211-054, 100211-055, 100211-056, 100211-058, 100211-059, 100211-060, 100211-061, 100211-063, 100211-065, 100211-066, 100211-067, 100211-068, 100211-070, 100211-071, 100211-075, 100211-078, 100211-093
Lester Nos: 14336, 14341, 14347, 14574, 14630, 14672
WAI Ref. Nos: 1-1035-01ND, 1-1048-01ND, 1-1048-02ND, 1-1049-01ND, 1-1061-01ND, 1-1241-01ND
Dim: 114mm OD
M5 x 0.8 Mtg. Posts
M6 x 1.0 x 34mm Batt. Term.
Note: 8-diodes, w/ brush holder assy. Similar to INR711 except INR711 w/ 6-diodes.
Features:
• 8-30A diodes

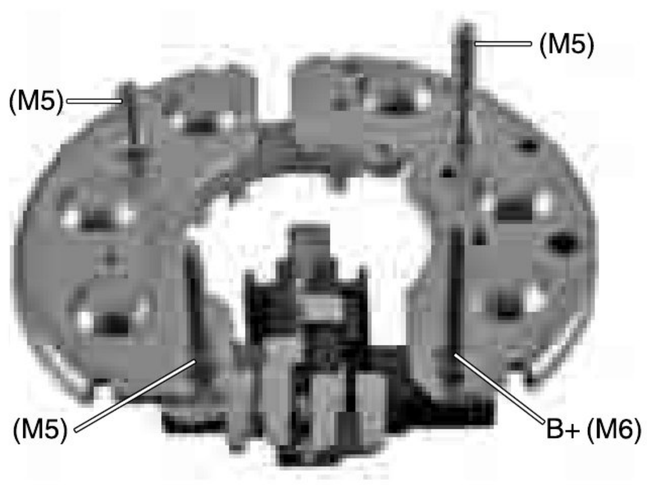
ALTERNATOR - RECTIFIERS (TRANSPO)

NIPPONDENSO

External Fan



INR711
(Ref# 31-8230)
Rectifier
For: Nippondenso 55A IR/EF Alternators
Used On: (1984-81) Toyota
Replaces: Nippondenso 021600-1491, Toyota 27362-15070
Unit Nos: Nippondenso 100211-050, 100211-054, 100211-060, 100211-061, 100211-070, 100211-071, 100211-075
Lester Nos: 14336, 14341, 14347, 14574
WAI Ref. Nos: 1-1035-01ND, 1-1048-01ND, 1-1048-02ND, 1-1061-01ND
Dim: 114mm OD
M5 x 0.8 Mtg. Posts
M6 x 1.0 x 34mm Batt. Term.
Note: 6-diodes, w/ brush holder assy. Similar to INR710 except INR710 w/ 8-diodes.
Features:
• 6-30A diodes



INR717
(Ref# 31-8220)
Rectifier
For: Nippondenso 90A IR/EF Alternators
Used On: John Deere
Replaces: Nippondenso 021600-1381
Unit Nos: Nippondenso 021000-875, 100211-029, 100211-580
Lester Nos: 13143
WAI Ref. Nos: 1-2236-10ND
Dim: 110mm OD
M5 x 0.8 Mtg. Posts
M6 x 1.0 x 32mm Batt. Term.
Features:
• 6-25A diodes

Internal Fan, 83mm OD



INR716
Rectifier
For: Nippondenso 40A IR/IF Alternators
Used On: Kubota
Replaces: Kubota 16231-64851, Nippondenso 021580-3450
Unit Nos: Kubota 16231-24011, 16241-64010, 16241-64011, 16705-64011, 34070-75601, 34070-75602;
Nippondenso 100211-167, -464, -465
Lester Nos: 12179, 12198, 12199
WAI Ref. Nos: 1-2476-01ND, 1-2477-01ND, 1-2478-01ND
Dim: 83mm OD
M6 x 1.0 x 25mm Batt. Term.
Features:
• 8-40A diodes



INR721
(Ref# 31-8235)
Rectifier
For: Nippondenso 30A IR/IF Alternators
Used On: Kubota
Replaces: Nippondenso 021580-3890
Unit Nos: Kubota, 16231-64011, 16231-64012; Nippondenso 100211-452
Lester Nos: 12190
WAI Ref. Nos: 1-2336-01ND
Dim: 83mm OD
M6 x 1.0 x 25mm Batt. Term.
Features:
• 6-40A diodes



INR718P
(Ref# 31-8221)
Rectifier
For: Nippondenso 35A IR/IF Alternators w/ 100mm OD Stator
Used On: Toyota Lift Truck
Replaces: Nippondenso 021580-3110, Toyota 27357-72120
Unit Nos: Nippondenso 100211-454
Lester Nos: 12187
WAI Ref. Nos: 1-2132-01ND
Dim: 83mm OD
M6 x 1.0 x 44mm Batt. Term.
Features:
• 8-40A press-fit diodes
• Welded diode terminations



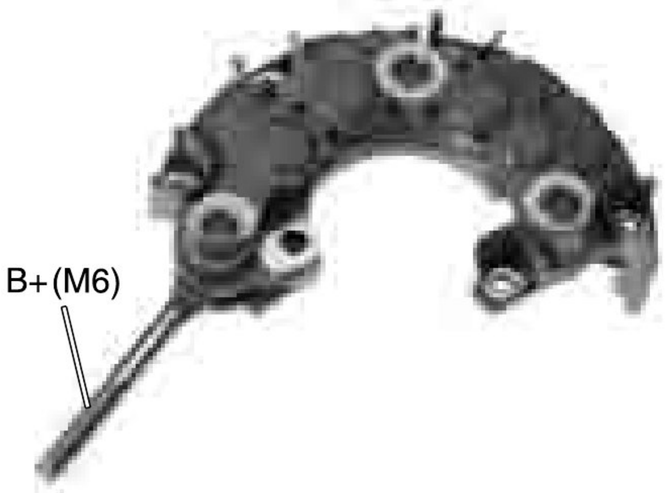
INR723
Rectifier
For: Nippondenso 40-45A IR/IF Alternators
Used On: (2002-00) Toyota; John Deere. Komatsu, Toyota Forklift
Replaces: Daihatsu 27357-87201-000, Iseki 6281-229-029-0, Kubota 15881-64851, Nippondenso 021580-3080
Unit Nos: Daihatsu 27060-87212-000, 27060-87502-000;
Hyster 3049491; Iseki 6281-200-004-0B; Ishikawajima 185046220;
Kubota 15881-64200, -64201;
Nippondenso 100211-163, -165, -166, -168, -444, -453, -463; 101211-110, 121000-440;
Toyota 27060-78001, 27060-87212;
Yanmar 119620-77202
Lester Nos: 12180, 12188, 12189, 12270
WAI Ref. Nos: 1-2119-11ND, 1-2335-01ND, 1-2347-41ND, 1-2436-01ND
Dim: 83mm OD
M6 x 1.0 x 35mm Batt. Term.
Features:
• 8-40A diodes

Internal Fan, 90mm OD



INR719
Rectifier

For: Nippondenso IR/IF Alternators
Used On: Maruti (India)
Dim: 90mm OD
M6 x 1.0 x 25mm Batt. Post
Features:
• 8-40A diodes



INR724
(Ref# 31-8200)
Rectifier

For: Nippondenso 45-60A IR/IF Alternators w/ 100mm OD Stator
Used On: (1998-85) Chevrolet, Daihatsu, Geo, Isuzu, Suzuki, Toyota
Replaces: Nippondenso 021580-3130, -4340; Toyota 27357-11170, -72150
Unit Nos: Nippondenso 100211-155, 100211-156, 100211-157, 100211-407, 100211-413, 100211-415, 100211-417, 100211-426, 100211-429, 100211-435, 100211-660, 100211-672, 100211-686, 100211-687, 100211-696, 100211-699, 101211-202, 101211-213, 101211-224, 101211-236, 101211-302, 101211-338
Lester Nos: 12358, 12359, 13214, 13239, 13255, 13316, 13390, 13414, 13485, 13522, 14684, 14733, 14843, 14937, 14940
WAI Ref. Nos: 1-1085-01ND, 1-1228-01ND, 1-1230-01ND, 1-1230-02ND, 1-1238-01ND, 1-1260-01ND, 1-1261-01ND, 1-1519-01ND, 1-1840-01ND, 1-1881-01ND, 1-1968-01ND, 1-1969-01ND
Dim: 90mm OD
M6 x 1.0 x 44mm Batt. Term.
Features:
• 8-40A diodes



INR725-1
(Ref# 31-8205)
Rectifier

For: Nippondenso 50-60A IR/IF Alternators w/ 110mm OD Stator
Used On: (1992-84) Acura, Daihatsu, Honda, Toyota
Replaces: Honda 31127-PD1-004, -014; Nippondenso 021580-2250, -2260; Toyota 27357-63040
Unit Nos: Nippondenso 100211-120, -121, -123, -126, -127, -131, -132, -134, -135, -136, -137, -138, -221, -225, -228, -233, -237, -238, -273, -350, -351, -352, -353, -354, -355, -359, -361, -363, -366, -369, -377, -382, -389, -396, -397; 100213-045
Lester Nos: 13240, 13383, 13508, 14449, 14454, 14457, 14472, 14668, 14671, 14674, 14755, 14757, 14759, 14847, 14851, 14852, 14853, 14854, 14930, 14935, 14989
WAI Ref. Nos: 1-1000-01ND, 1-1001-01ND, 1-1015-01ND, 1-1017-01ND, 1-1019-01ND, 1-1036-01ND, 1-1037-01ND, 1-1050-01ND, 1-1050-02ND, 1-1053-01ND, 1-1084-01ND, 1-1088-01ND, 1-1262-01ND, 1-1967-01ND
Dim: 90mm OD
M6 x 1.0 x 43mm Batt. Term.
Features:
• 8-50A diodes



INR725P
(Ref# 31-8205)
Rectifier

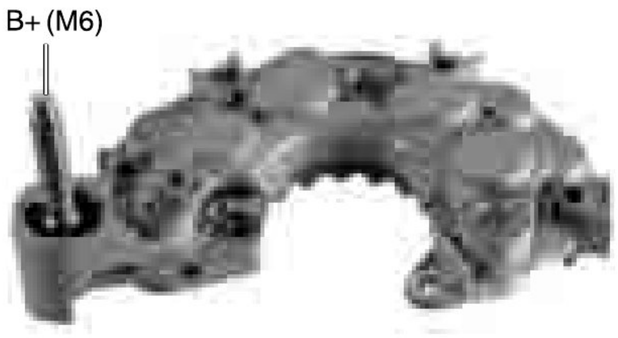
Same as INR720-1 except...
Features:
• 8-40A press-fit diodes
• Welded diode terminations
• Copper heat sinks



INR726
(Ref# 31-8206)
Rectifier

For: Nippondenso 50-60A IR/IF Alternators w/ 110mm OD Stator
Used On: (1989-85) Chevrolet, Geo, Isuzu
Replaces: Isuzu 8-94123-052-0; Nippondenso 021580-2340, -2341, -2342, -2350, -2351, -2352; Toyota 27357-70091
Unit Nos: Nippondenso 100211-122, 100211-133, 100211-222, 100211-223, 100211-372
Lester Nos: 14732, 14739, 14872
WAI Ref. Nos: 1-1237-01ND, 1-1240-01ND
Dim: 90mm OD
M6 x 1.0 x 25mm Batt. Term.
Features:
• 8-40A diodes

Internal Fan, 100mm OD



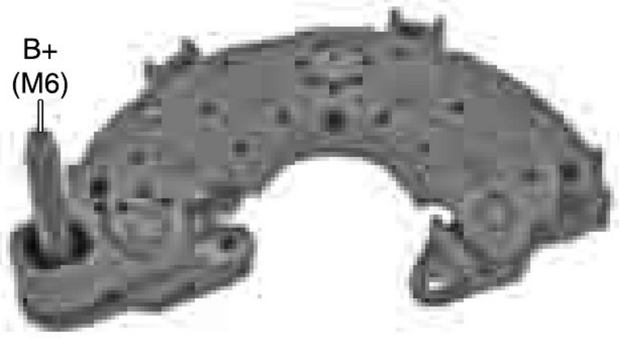
INR727P
(Ref# 31-8204)
Rectifier

For: Nippondenso 90A ER/IF Alternators w/ 118mm OD Stator
Used On: (1989-87) Chrysler, Dodge, Plymouth
Replaces: Nippondenso 021580-3410
Unit Nos: Nippondenso 121000-243, 121000-268
Lester Nos: 13220, 14869
WAI Ref. Nos: 1-1506-01ND, 1-1506-03ND
Dim: 100mm OD
M6 x 1.0 x 25mm Batt. Term.
Features:
• 8-40A press-fit diodes
• Welded diode terminations
• Copper heat sinks

ALTERNATOR - RECTIFIERS (TRANSPO)

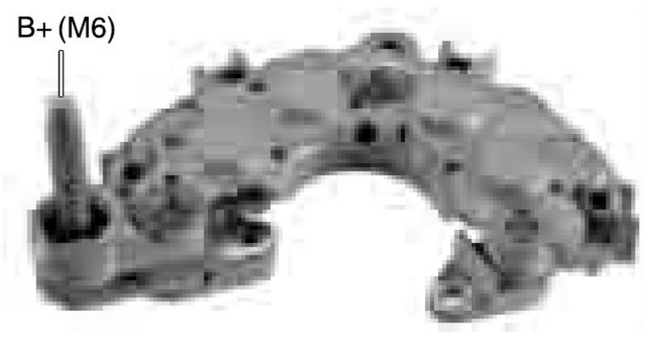
NIPPONDENSO

Internal Fan, 100mm OD (cont'd.)



INR401
(Ref# 31-8211)
Rectifier

For: Nippondenso 60-75A ER/IF, IR/IF Alternators w/ 118mm OD Stator
Used On: (1999-88) Dodge, Geo, Isuzu, Toyota
Replaces: Isuzu 8-94125-884-0; Nippondenso 021580-2511, -2512, -2522, -3650; Toyota 27357-70081
Unit Nos: Nippondenso 100211-107, 100211-110, 100211-312, 100211-764, 100211-778, 100211-791, 100211-795, 100211-799, 100211-989, 101211-010, 101211-016, 101211-042, 101211-051, 121000-250, 121000-266
Lester Nos: 13185, 13234, 13338, 13391, 13411, 13423, 13500, 13569, 14453
WAI Ref. Nos: 1-1042-01ND, 1-1070-01ND, 1-1436-01ND, 1-1436-02ND, 1-1507-01ND, 1-1596-01ND, 1-1884-01ND, 1-1979-01ND, 1-2406-01ND
Dim: 100mm OD
M6 x 1.0 x 25mm Batt. Term.
Features:
• 8-40A diodes



INR401P
(Ref# 31-8211)
Rectifier

Same as INR401 except...
Features:
• 8-40A press-fit diodes
• Welded diode terminations
• Mtg. hole for 46-82300 grd. strap.



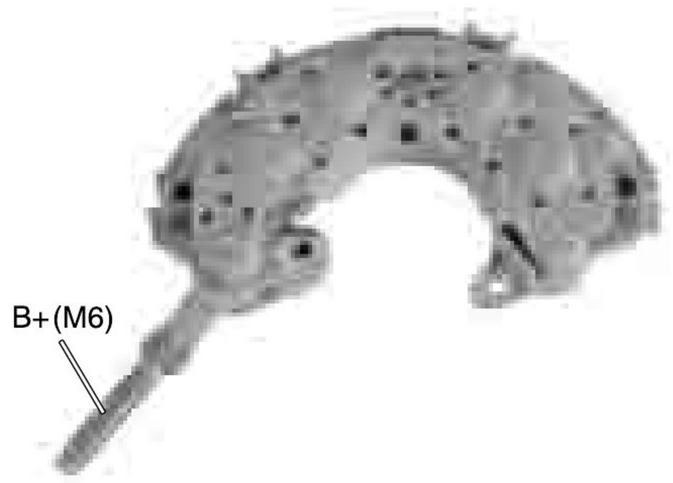
INR502
(Ref# 31-8233)
Rectifier

For: Nippondenso 70-75A IR/IF Alternators
Used On: (2004-96) Acura, Isuzu, Toyota
Replaces: Nippondenso 021580-4990, Toyota 27357-67100
Unit Nos: Isuzu 8-97109-780-0, -1; Nippondenso 101211-422; 102211-502, -504, -505, -513, -538; Suzuki 31400-60G12; Toyota, 27060-0F010, -21040, -62190, -75150
Lester Nos: 13671, 13673, 13739, 13753, 13858, 13896
WAI Ref. Nos: 1-2120-01ND, 1-2148-01ND, 1-2182-01ND, 1-2183-01ND, 1-2323-01ND, 1-2368-01ND
Dim: 100mm OD
M6 x 1.0 x 43mm Batt. Term.
Note: With mtg. hole for 46-82300 grd. Strap.
Similar to INR5028, except INR5028 w/ 8-diodes.
Features:
• 6-40A diodes



INR5028
Rectifier

For: Nippondenso 60-70A IR/IF Alternators
Used On: (2000-97) Suzuki, Toyota
Replaces: Nippondenso 021580-5300; Suzuki 31621-75F00
Unit Nos: Nippondenso 102211-507, -509, -515, -528; Suzuki, 31400-60G13, -77E22, -77E23; Toyota, 27060-11170
Lester Nos: 13680, 13711, 13753
WAI Ref. Nos: 1-2148-02ND, 1-2211-01ND, 1-2424-01ND
Dim: 100mm OD
M6 x 1.0 x 43mm Batt. Term.
Note: With mtg. hole for 46-82300 grd. Strap.
Similar to INR502, except INR502 w/ 6-diodes.
Features:
• 8-40A diodes



INR720-1
(Ref# 31-8201)
Rectifier

For: Nippondenso 60-80A IR/IF Alternators w/ 118mm OD Stator
Used On: (1998-83) Acura, Geo, Honda, Isuzu, Sterling, Suzuki, Toyota
Replaces: Honda 31127-PD2-004, -014; Nippondenso 021580-2160, -2230, -2610, -2620, -3690; Toyota 27357-11100, -16160, -63020, -63060
Unit Nos: Nippondenso 100210-307, -319, -321, -341; 100211-100, -101, -102, -103, -104, -105, -106, -108, -109, -117, -118, -200, -201, -202, -203, -205, -206, -207, -210, -213, -214, -215, -216, -217, -246, -250, -255, -303, -304, -306, -309, -311, -315, -316, -317, -318, -322, -326, -330, -331, -332, -335, -339, -340, -343, -509, -700, -704, -705, -706, -707, -710, -713, -718, -726, -733, -737, -743, -745, -746, -747, -750, -757, -780, -781, -782, -785, -797, -891, -971, -973, -977, -978, -979, -984; 101211-006, -007, -012, -013, -019, -020, -025, -034, -035, -053, -055, -059, -072, -073, -074, -083, -412, -413
Lester Nos: 12205; 13229, 240, 241, 277, 294, 319, 322, 326, 339, 392, 397, 398, 409, 433, 455, 456, 482, 486, 492, 496, 499, 509, 512, 521, 536, 659, 670, 671, 673, 679, 680, 753; 14454, 455, 457, 458, 591, 611, 643, 668, 671, 678, 679, 680, 682, 683, 756, 847, 849, 855, 857, 931, 939, 941, 974
Dim: 100mm OD
M6 x 1.0 x 43mm Batt. Term.
Note: Without mtg. hole for 46-82300 grd. strap. For version with grd. strap hole and press-fit diodes use INR720P.
Features:
• Best Value
• 8-40A diodes



INR720P
Rectifier

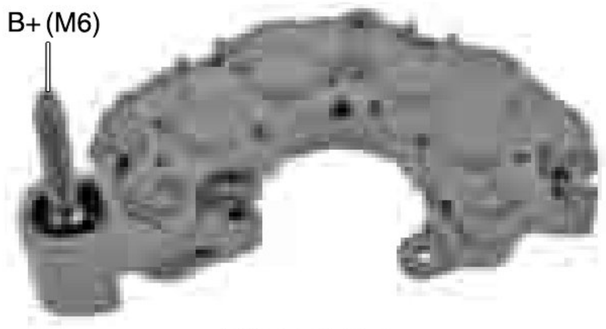
Same as INR720-1 except...
Note: With mtg. hole for 46-82300 grd. strap.
Features:
- 8-40A press-fit diodes
- Welded diode terminations
- Mounting hole for ground strap



INR720XHD
Rectifier

Same as INR720-1 except...
Note: With mtg. hole for 46-82300 grd. strap.
Features:
- Heavy Duty
- 8-40A press-fit diodes
- Larger M8 Battery Post
- Copper heat sinks
- Welded diode terminations
- Mounting hole for ground strap

Internal Fan, 103mm OD



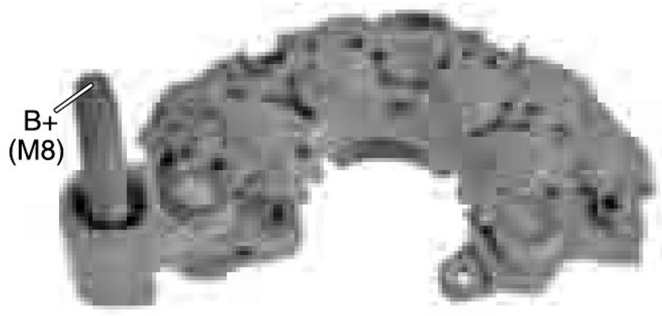
INR403P
(Ref# 31-8208)
Rectifier

For: Nippondenso 70-117A ER/IF, IR/IF Alternators w/ 118mm OD Stator
Used On: (2001-85) Chrysler, Dodge, Eagle, Geo, Isuzu, Jeep, Plymouth, Toyota, Volvo
Replaces: Isuzu 8-97046-414-0, 8-97070-808-0;
Nippondenso 021580-3640, -3680, -4120, -4490, -4660, -4670, -4840, -5270;
Toyota 27357-74120, -74140, -74260, -74290
Unit Nos: Nippondenso 100211-823, -832, -837, -853, -859, -881, -882, -884, -887, -898; 101211-509, -522, -546, -555; 121000-300, -310, -330, -331, -333, -334, -336, -337, -338, -339, -340, -341, -343, -344, -345, -346, -347, -348, -349, -351, -352, -353, -357, -358, -361, -362, -363, -367
Lester Nos: 13184, 13185, 13234, 13245, 13252, 13256, 13305, 13306, 13307, 13312, 13321, 13341, 13353, 13354, 13419, 13424, 13440, 13442, 13443, 13444, 13454, 13498, 13501, 13556, 13578, 13593, 13822, 13823
Dim: 103mm OD
M6 x 1.0 x 25mm Batt. Term.
Note: With mtg. hole for 46-82300 grd. strap. Similar to INR729P except INR729P wo/ mtg. hole for grd. strap.
Features:
- 8-40A press-fit diodes
- Welded diode terminations



INR729P
(Ref# 31-8208-1)
Rectifier

For: Nippondenso 75-117A ER/IF, IR/IF Alternators w/ 118mm OD Stator
Used On: (1998-85) Chrysler, Dodge, Eagle, Geo, Isuzu, Jeep, Plymouth, Volvo
Replaces: Nippondenso 021580-3640, 021580-3680
Unit Nos: Nippondenso 100211-837, -853; 121000-300, -310, -330, -331, -333, -336, -337, -338, -339, -340, -343, -344, -345, -348, -349
Lester Nos: 13184, 13185, 13245, 13256, 13305, 13306, 13307, 13312, 13341, 13353, 13419, 13424, 13442, 13443, 13444
Dim: 103mm OD
M6 x 1.0 x 25mm Batt. Term.
Note: Without mtg. hole for grd. strap. Similar to INR403P except INR403P w/ mtg. hole for grd. strap.
Features:
- 8-40A press-fit diodes
- Welded diode terminations
- Copper heat sinks



INR739
(Ref# 31-8218)
Rectifier

For: Nippondenso 100A IR/IF Alternators w/ 118mm OD Stator
Used On: (1993-92) Volvo
Replaces: Nippondenso 021580-4850
Unit Nos: Nippondenso 100211-862, 100211-863
Lester Nos: 13519, 13548
WAI Ref. Nos: 1-1764-01ND, 1-1862-01ND
Dim: 103mm OD
M8 x 1.25 x 33mm Batt. Term.
Features:
- 8-50A diodes

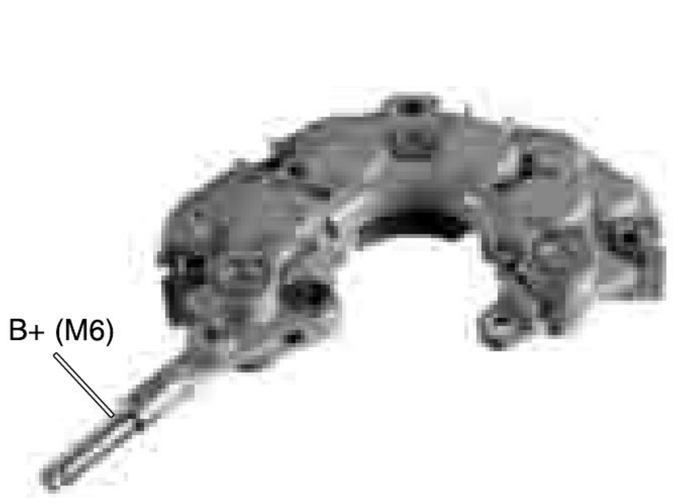
NIPPONDENSO

Internal Fan, 103mm OD (cont'd.)



INR731P
Rectifier

For: Nippondenso 70-100A IR/IF Alternators
Used On: (1996-89) Acura, Honda, Lexus, Toyota
Replaces: Honda 31127-PT2-003; Nippondenso 021580-3830, 021580-4030, 021580-4080; Toyota 27357-50040, 27357-62040, 27357-74050
Unit Nos: Honda 31100-P14-A01, -A02; 31100-P30-023, 31100-PT2-003; 31100-PV1-A01, -A02; Nippondenso 100211-802, -803, -807, -819, -830, -839, -855, -856, -857, -860, -864, -866, -877, -587; Toyota 27060-03010, -11220, -15060, -16230, -16240, -62040, -62070, -72180, -76030
Lester Nos: 13276, 13319, 13323, 13331, 13395, 13396, 13407, 13408, 13507
WAI Ref. Nos: 1-1029-01ND, 1-1039-02ND, 1-1421-01ND, 1-1726-01ND, 1-1854-01ND, 1-1857-01ND, 1-1858-01ND, 1-1893-01ND, 1-1965-01ND, 1-1973-01ND, 1-2149-01ND
Dim: 103mm OD
M6 x 1.0 x 43mm Batt. Term.
Features:
- 8-40A press-fit diodes
- Welded diode terminations



INR402P
(Ref# 31-8212)
Rectifier

For: Nippondenso 70-110A IR/IF Alternators w/ 118mm OD Stator
Used On: (2002-89) Acura, Chevrolet, Geo, Honda, Isuzu, Lexus, Toyota
Replaces: Nippondenso 021580-3660, -3830, 4030, 4080, 4480, 4510, 4630, 4760
(cont'd.)

(cont'd.)
Unit Nos: Nippondenso 100211-802, -803, -805, -806, -807, -811, -813, -815, -819, -828, -830, -835, -838, -839, -848, -854, -855, -856, -857, -864, -866, -871, -874, -875, -877, -885, -886, -889, -899; 101211-501, -502, -508, -511, -514, -515, -516, -523, -524, -527, -528, -536, -541, -542, -543, -549, -550, -554, -562, -569, -571, -572, -585, -597, -901, -906, -910, -912, -914, -925, -931, -933, -951, -959, -960, -963, -976, -978, -981, -986, -996, -999; 102211-101, -102, -124, -171
Lester Nos: 13276, 278, 319, 323, 325, 331, 393, 394, 395, 396, 407, 408, 413, 457, 481, 487, 489, 495, 497, 506, 507, 529, 537, 538, 539, 540, 551, 557, 558, 674, 677, 684, 722, 732, 737, 743, 747, 754, 755, 756, 767, 768, 776, 794
Dim: 103mm OD
M6 x 1.0 x 43mm Batt. Term.
Note: With mtg. hole for 46-82300 grd. strap. Similar to INR722P except INR722P w/ M8 B+ terminal.
Features:
- 8-40A press-fit diodes
- Welded diode terminations



INR722P
(Ref# 31-8217)
Rectifier

For: Nippondenso 80-90A IR/IF Alternators w/ 118mm OD Stator
Used On: (2000-93) Lexus, Toyota
Replaces: Nippondenso 021580-4640, -4650; Toyota 27357-46130, -46290
Unit Nos: Nippondenso 100211-545, -883; 101211-545, -556, -561, -915, -916, -935, -941, -971
Lester Nos: 13545, 13546, 13552, 13669, 13748
WAI Ref. Nos: 1-1864-01ND, 1-1975-01ND, 1-1976-01ND, 1-2008-01ND, 1-2144-01ND, 1-2146-01ND
Dim: 103mm OD
M8 x 1.25 x 48mm Batt. Term.
Note: With mtg. hole for 46-82300 grd. strap. Similar to INR402P except INR402P w/ M6 B+ terminal.
Features:
- 8-40A press-fit diodes
- Welded diode terminations

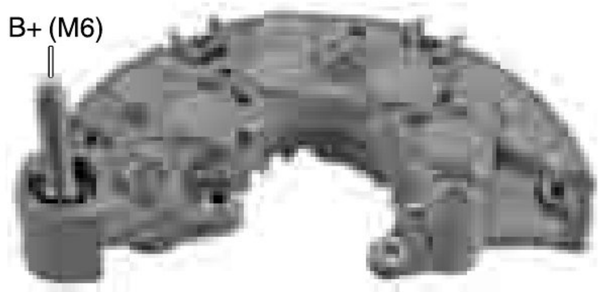
Internal Fan, 107mm OD



INR730
(Ref# 31-8203)
Rectifier

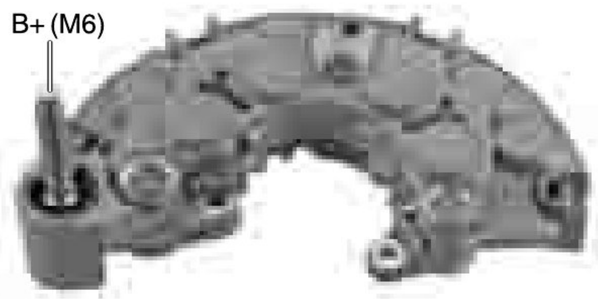
For: Nippondenso 80-100A IR/IF Alternators w/ 128mm OD Stator
Used On: (1988-87) Toyota
Replaces: Nippondenso 021580-2950, Toyota 27357-43110
Unit Nos: Nippondenso 100211-240, 100211-283, 100211-284
Lester Nos: 14460
WAI Ref. Nos: 1-1081-01ND, 1-1855-01ND
Dim: 107mm OD
M8 x 1.25 x 43mm Batt. Term.
Features:
- 8-40A diodes

Internal Fan, 113mm OD



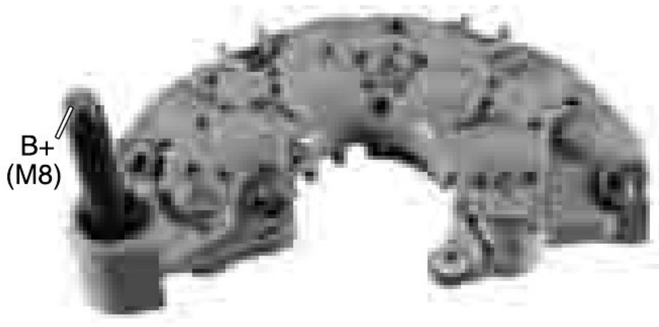
INR728P
(Ref# 31-8207)
Rectifier

For: Nippondenso 110-120A ER/IF Alternators w/ 130mm OD Stator
Used On: (1996-88) Chrysler, Dodge, Plymouth
Replaces: Nippondenso 021580-4020
Unit Nos: Nippondenso 121000-400, -401, -403, -404, -405, -406, -407, -408, -409, -410
Lester Nos: 13280, 13301, 13302, 13304, 13308, 13309, 13310, 13311, 13313
WAI Ref. Nos: 1-1491-01ND, 1-1491-02ND, 1-1491-03ND, 1-1491-04ND, 1-1504-01ND, 1-1504-02ND, 1-1504-03ND, 1-1504-04ND, 1-1504-05ND
Dim: 113mm OD
M6 x 1.0 x 25mm Batt. Term.
Note: Without mtg. hole for grd. strap. Similar to INR734P except INR734P is w/ mtg. hole for grd. Strap.
Features:
- 8-40A press-fit diodes
- Welded diode terminations



INR734P
(Ref# 31-8210)
Rectifier

For: Nippondenso 120-136A ER/IF Alternators w/ 130mm OD Stator
Used On: (2001-88) Chrysler, Dodge, Jeep, Plymouth
Replaces: Nippondenso 021580-4820
Unit Nos: Nippondenso 121000-400, -401, -403, -404, -405, -406, -407, -408, -409, -412, -413, -415, -416, -417, -421, -426, -427, -428, -429, -433
Lester Nos: 13280, 13301, 13302, 13304, 13308, 13309, 13310, 13311, 13313, 13453, 13592, 13594, 13741, 13742, 13746, 13765, 13766, 13824, 13842
WAI Ref. Nos: 1-1491-01ND, -02ND, -03ND, -04ND; 1-1504-01ND, -02ND, -03ND, -04ND, -05ND, -06ND; 1-2007-01ND, 1-2056-01ND, 1-2074-01ND, 1-2075-01ND, 1-2087-01ND, 1-2226-01ND; 1-2227-01ND, -02ND; 1-2228-01ND
Dim: 113mm OD
M6 x 1.0 x 25mm Batt. Term.
Note: With mtg. hole for 46-82300 grd. strap.
Similar to INR728 except INR728 is wo/ mtg. hole for grd. strap.
Features:
- 8-40A press-fit diodes
- Welded diode terminations



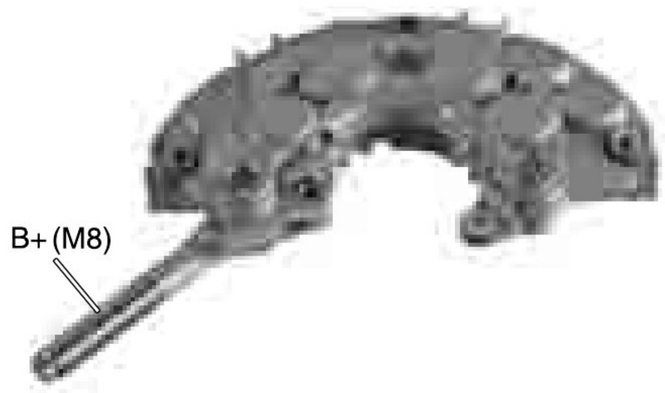
INR736
(Ref# 31-8215)
Rectifier

For: Nippondenso 110A IR/IF Alternators w/ 130mm OD Stator
Used On: (1995-91) Acura
Replaces: Honda 31127-PY3-003, Nippondenso 021580-4250
Unit Nos: Nippondenso 100211-617
Lester Nos: 13387
WAI Ref. Nos: 1-1410-01ND
Dim: 113mm OD
M8 x 1.25 x 33mm Batt. Term.
Note: Similar to INR734 except INR734 w/ M6 B+ terminal.
Features:
- 8-50A diodes



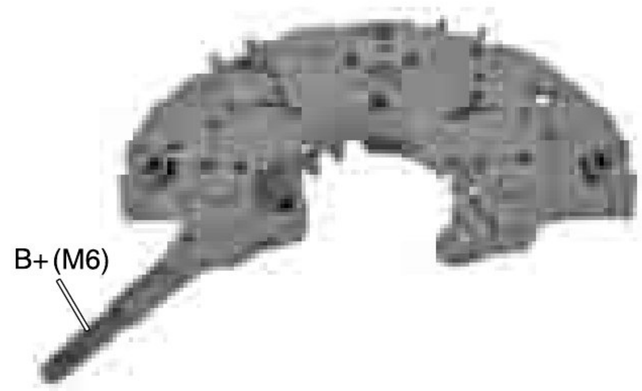
INR732P
(Ref# 31-8213)
Rectifier

For: Nippondenso 90-120A IR/IF Alternators w/ 130mm OD Stator
Used On: (1992-90) Lexus, Toyota
Replaces: Nippondenso 021580-4040, -4100, -4430, -4690
Unit Nos: Nippondenso 100211-602, -605, -606, -611, -613, -619, -635, -701
Lester Nos: 13384, 13385, 13388, 13562
WAI Ref. Nos: 1-1092-01ND, 1-1411-01ND, 1-1417-01ND, 1-1420-01ND
Dim: 113mm OD
M8 x 1.25 x 48mm Batt. Term.
Note: Without mtg. hole for grd. strap.
Features:
- 8-40A press-fit diodes
- Welded diode terminations



INR733P
(Ref# 31-8214)
Rectifier

For: Nippondenso 100-120A IR/IF Alternators w/ 130mm OD Stator
Used On: (2005-90) Acura, Lexus, Mazda, Toyota
Replaces: Nippondenso 021580-4610, -5040; Toyota 27357-74170
Unit Nos: Nippondenso 100211-611, -635, -639, -641, -644; 101211-707, -717, -718, -730, -757, -776
Lester Nos: 13384, 13385, 13389, 13553, 13668, 13688, 13714, 13715
WAI Ref. Nos: 1-1092-01ND, 1-1420-01ND, 1-1605-01ND, 1-1866-01ND, 1-2085-01ND, 1-2145-01ND, 1-2230-01ND
Dim: 113mm OD
M8 x 1.25 x 48mm Batt. Term.
Note: With mtg. hole for 46-82300 grd. strap. Similar to INR735 except INR735 has M6 x 1.0 battery terminal.
Features:
- 8-40A press-fit diodes
- Welded diode terminations



INR735
(Ref# 31-8232)
Rectifier

For: Nippondenso 120-136A ER/IF Alternators w/ 130mm OD Stator
Used On: (2001-98) Chrysler, Dodge, Jeep
Unit Nos: Chrysler 4609999, AB; 56041324, AC; Nippondenso 121000-423, -425
Lester Nos: 13763, 13790
WAI Ref. Nos: 1-2188-01ND, 1-2286-01ND
Dim: 113mm OD
M6 x 1.0 x 43mm Batt. Term.
Note: With mtg. hole for 46-82300 grd. strap. Similar to INR733 except INR733 has M8 x 1.25 battery terminal.
Features:
- 8-50A diodes

Internal Fan, 117mm OD (Hair Pin Stators)



INR420
Rectifier

For: Nippondenso 130-136A ER/IF Alternators w/ Hair Pin Stators
Used On: (2004-01) Chrysler, Dodge
Unit Nos: Chrysler 4606622AA, 4727324AB, 56029701AA; Nippondenso 421000-003, 421000-011, 421000-012
Lester Nos: 13867, 13914, 13923
WAI Ref. Nos: 1-2536-01ND, 1-2540-01ND, 1-2541-01ND
Dim: 117mm OD
M8 x 1.25 x 42mm Batt. Term.
Features:
- 12-40A press-fit diodes (non-avalanche), OE validated
- Copper heat sinks

ALTERNATOR - RECTIFIERS (TRANSPO)

NIPPONDENSO

Internal Fan, 117mm OD (Hair Pin Stators) (cont'd.)



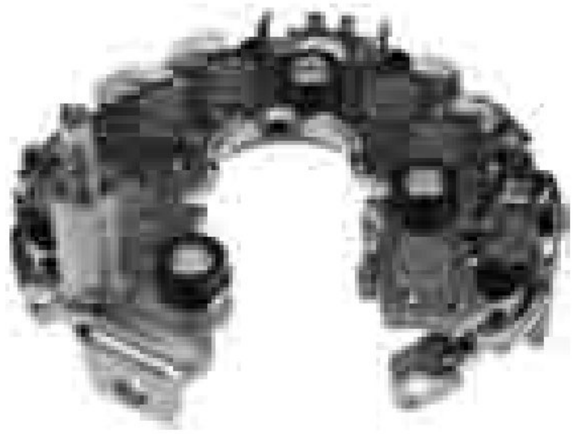
INR421
Rectifier

For: Nippondenso 120-160A ER/IF Alternators w/ Hair Pin Stators
Used On: (2005-01) Chrysler, Dodge, Jeep
Unit Nos: Nippondenso 421000-001, 421000-002, 421000-004, 421000-006, 421000-010, 421000-030, 421000-0301
Lester Nos: 11063, 13870, 13871, 13912, 13913
WAI Ref. Nos: 1-2324-01ND, 1-2441-01ND, 1-2505-01ND, 1-2507-01ND, 1-2524-01ND, 1-2535-01ND
Dim: 117mm OD
M8 x 1.25 x 34mm Batt. Term.
Features:
- 12-40A press-fit diodes (non-avalanche), OE validated
- Copper heat sinks



INR422
Rectifier

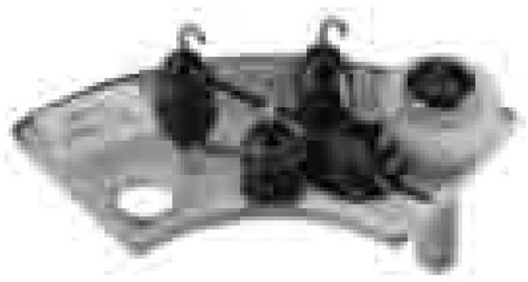
For: Nippondenso 130A IR/IF Alternators w/ Hair Pin Stators
Used On: (2005-03) Toyota
Unit Nos: Nippondenso 104210-338, Toyota 27060-0F040
Lester Nos: 13994
Dim: 117mm OD
M6 x 1.0 x 28mm Batt. Term.
Features:
- 12-50A press-fit avalanche diodes, OE validated
- Copper heat sinks



INR424
Rectifier

For: Nippondenso 130A IR/IF Alternators w/ Hair Pin Stators
Used On: (2004-01) Acura, Honda
Unit Nos: Honda 31100-PGK-A01, -A03; Nippondenso 104210-309
Lester Nos: 13918
Dim: 117mm OD
M8 x 1.25 x 42mm Batt. Term.
Features:
- 12-40A press-fit avalanche diodes, OE validated
- Copper heat sinks

PRESTOLITE



PR731
(Ref# 31-600)
Rectifier - Negative

For: Prestolite ANB Series Alternators
Replaces: Case A44459; Caterpillar 2P1720; Prestolite 35-731, ANB-1024AS
Unit Nos: Case A44794, A47434; Caterpillar 2P1698, 2P5113, 2P7836, 5C8661, 6N5468, 9S4870; Prestolite 51-212, ANB-6004
Lester Nos: 7331
Note: With diode trio.
Features:
- 3-25A button diodes
- Aluminum heat sink



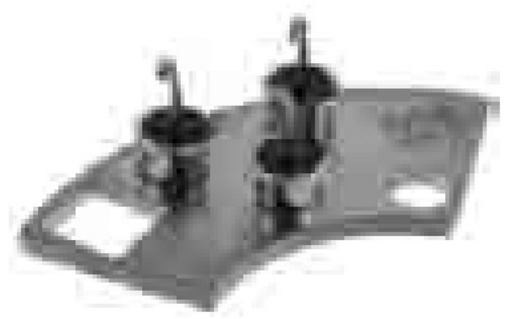
PR731HD
Rectifier - Negative

Same as PR731 except...
Features:
- Heavy Duty
- 3-25A tin can diodes
- Aluminum heat sink



PR732
(Ref# 31-601)
Rectifier - Positive

For: Prestolite ANB Series Alternators
Replaces: Case A44460; Caterpillar 2P1719; Prestolite 35-732, ANB-1024SS
Unit Nos: Case A44794, A47434; Caterpillar 2P1204, 2P1698, 2P5113, 2P7836, 5C8661, 6N5468, 9S4870; Prestolite 51-212; ANB-6004, -7002, -7003, -7004
Lester Nos: 7331
Features:
- 3-25A button diodes
- Aluminum heat sink

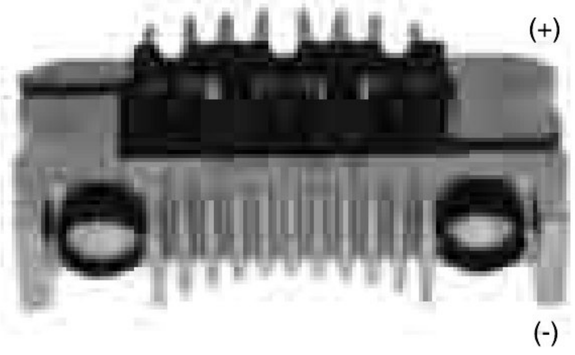


PR732HD
Rectifier - Positive

Same as PR732 except...
Features:
- Heavy Duty
- 3-25A tin can diodes
- Aluminum heat sink

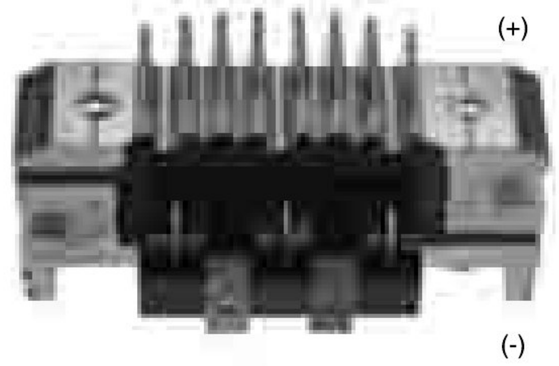
VALEO

Valeo - Ducellier



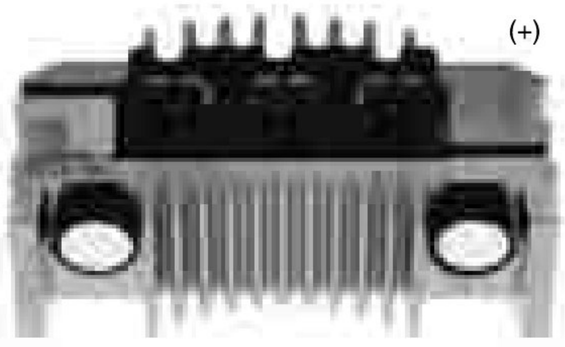
IDR197
(Ref# 31-9400)
Rectifier

For: Ducellier / Valeo 30-60A ER/EF, IR/EF Alternators
Used On: (1987-70) Renault
Replaces: Ducellier 581025, 581071, 581078, 593074, 606625, 611197, 611199, 611788, 618093, 618439, 618503, 618720, 690260, 690971; Valeo NC013, NC014
Unit Nos: Ducellier / Valeo 7284C, 7527, 7548, 7549, 7550, 7555, 7557, 7558, 7575, 7576, 7577, 7578, 7581, 7582, 7584, 7585, 7586, 7591, 7596, 7597,
512010, 513001, 513003, 513008, 513009, 514006, 514011, 514012, 514013, 515001, 515002, 515003, 515009, 515014, 515015, 515016, 515018, 516006, 516017 516020, 516023, 516024, 516025, 516026, 516031, 516033, 516035, 516037, 516038, 516044, 516047, 516048, 516057, 516058, 516062, 581207, 581208, 593009
Lester Nos: 14044, 14082, 14084, 14323, 14329, 14569, 14582, 14959
WAI Ref. Nos: 1-1305-01DU, 1-1309-01DU, 1-1310-01DU, 1-1314-01DU
Dim: 17.5mm Thick Heat Sink
Note: Without diode trio.
For version w/ diode trio use IDR560.
Features:
• 6-25A button diodes



IDR560
(Ref# 31-9441)
Rectifier

For: Ducellier / Valeo 50A IR/EF Alternators
Used On: (1980-79) Fiat; Fiatallis
Replaces: Ducellier 581004, 581015, 581020, 581026, 581064, 581090, 593075, 611544, 612318, 618043, 618487, 618568, 619568, 690744, 691337; Valeo NB928, NB931
Unit Nos: Ducellier / Valeo 7564, 7569, 7571, 7590, 7595, 7599, 513002, 513004, 513005, 513009, 513010, 513011, 513014, 514002, 514004, 514005, 514007, 514010, 514014, 515006, 515008, 515010, 515013, 516002, 516003, 516004, 516005, 516012, 516014, 516019, 516021, 516027, 516032, 516040, 516041A, 516041, 516046, 516053, 516054, 516055
Lester Nos: 14294, 14954
WAI Ref. Nos: 1-1334-01DU
Dim: 17.5mm Thick Heat Sink
Note: With diode trio.
Features:
• 6-25A button diodes



IDR559-1
(Ref# 31-9404)
Rectifier

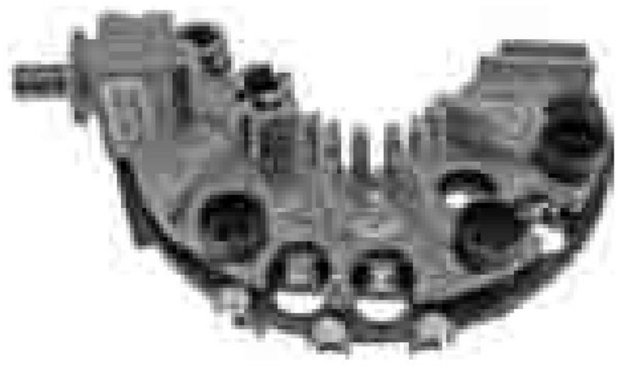
For: Ducellier / Valeo IR/EF Alternators
Used On: (1987-80) Renault
Replaces: Ducellier 618559, 618640, 669250, 690972, 691452; Valeo NC016
Unit Nos: Ducellier / Valeo 7580A, B, C; 7584B, 7593A; 515005A, B; 515012A; 516008A, B, C, D; 516009A, B, C; 516030C, D, E; 516034A, B; 516042A, B, C; 516045A, B, C; 516049A, B
Lester Nos: 14324, 14327, 14330
WAI Ref. Nos: 1-1307-01DU, 1-1311-01DU, 1-1313-01DU
Dim: 24mm Thick Heat Sink
Features:
• 6-25A diodes

Valeo - GM



MER520
Rectifier - Positive

For: Valeo 125A IR/IF Alternators
Used On: (2005-01) Buick, Pontiac
Replaces: Valeo 2548933
Unit Nos: Delco / GM 10300559, 10317731,10426395;
Valeo 2542454A, 2650132A, SG12B041, SG12B0S41, SG12S057, SG12S083
Lester Nos: 13866
WAI Ref. Nos: 1-2551-01VA
Dim: M8 x 1.25 Batt. Term.
Note: 6-stator leads.
For negative diodes pressed into SRE frame use 32-1050101.
Features:
• 3-50A press-fit avalanche diodes



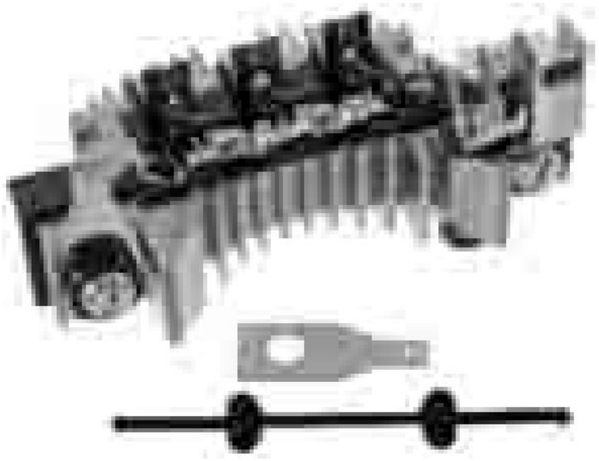
MER521
Rectifier - Positive

For: Valeo 105A IR/IF Alternators
Used On: (2005-02) Chevrolet, Oldsmobile, Pontiac, Saturn
Replaces: Valeo 2650236
Unit Nos: Delco / GM 10317647, 10440635, 22683070;
Valeo 2542558, 2650010, 2650016, 2650135A, SG10S034, SG10S036, SG10S037, SG10S044, SG12S029, SG12S035
Lester Nos: 13944, 13993
WAI Ref. Nos: 1-2506-01VA, 1-2529-01VA
Dim: M8 x 1.25 Batt. Term.
Note: 3-stator leads.
For negative diodes pressed into SRE frame use 32-1050101.
Features:
• 3-50A press-fit avalanche diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

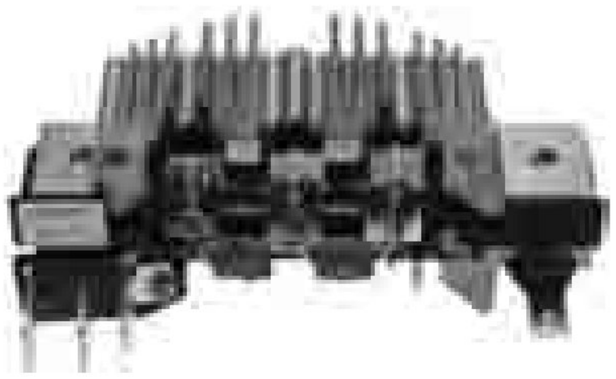
VALEO

Valeo - Motorola



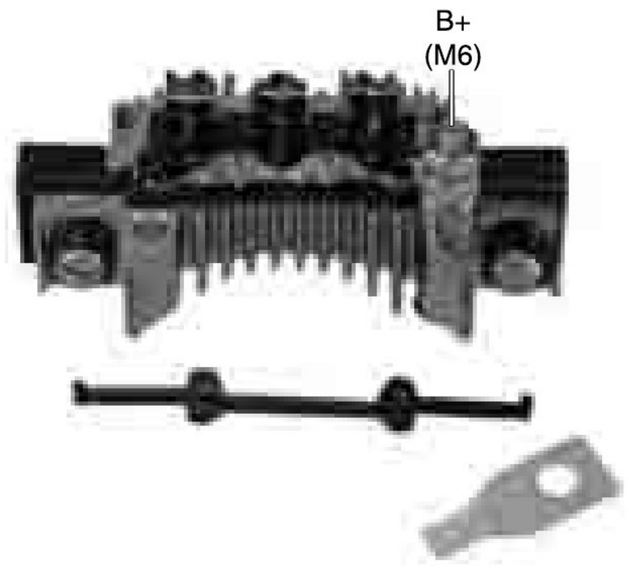
MER101
(Ref# 31-9436)
Rectifier

For: Motorola / Valeo 50-55A 9AR Series IR/EF Alternators
Used On: BMW Marine, British Leyland, Dodge, Ford, Jaguar, Lotus, Massey Ferguson, Mercedes Benz
Replaces: Valeo 501-105
Unit Nos: Motorola / Valeo 9AR2539K, 2561K, 2630K, 2681K;
Valeo 510-054, 510-122, 510-155
Lester Nos: 14609
WAI Ref. Nos: 1-1334-01VA
Note: With diode trio
Features:
• 6-25A diodes



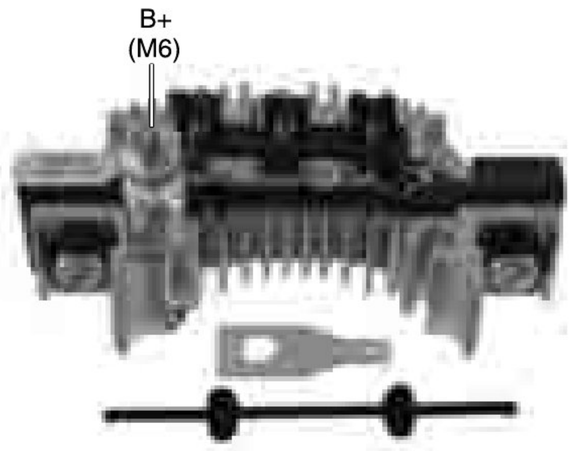
MER102
(Ref# 31-9411)
Rectifier

For: Motorola / Valeo 55-65A 9AR Series IR/EF Alternators
Used On: Alfa Romeo, Audi, Ford Imports, Mercedes, VW
Replaces: Valeo 501-001, 501-009, 501-053, 501-076, 501-111, NB428, NB435
Unit Nos: Iskra 11-201-068, -071, -077, -078, -143, -147, -219, -220, -222;
Motorola / Valeo 9AR2500K, 2506K, 2511F, 2515K, 2516F, 2517K, 2519F, 2520K, 2524F, 2525K, 2709L, 2756F, 2830L, 2838L, 2884L, 2897L, 2919P, 2920P, 2997K, 5036L;
Valeo 510-001, -005, -013, -016, -017, -018, -019, -020, -021, -022, -023, -024, -086, -087, -098, -115, -186, -206, -210, -211, -236, -270, -283, -328, -330, -345, -346, -411, -452
Lester Nos: 13105
WAI Ref. Nos: 1-1585-01VA
Note: With diode trio
Features:
• 6-25A diodes



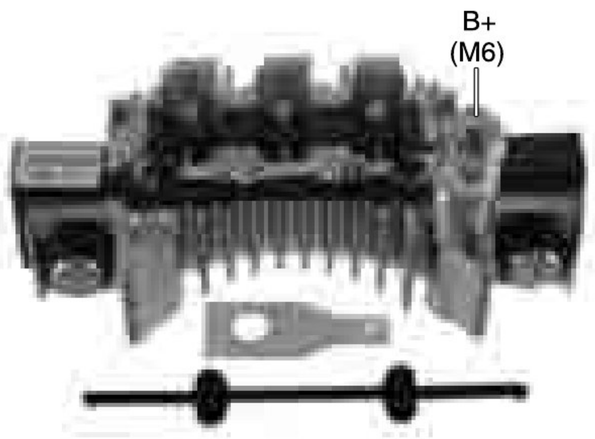
MER103
(Ref# 31-9406)
Rectifier

For: Motorola / Valeo 35-75A 9AL, 9AR Series ER/EF, IR/EF Alternators
Used On: Mack, Perkins, Volvo-Penta
Replaces: Valeo 501-003, -008, -012, -015, -019, -025, -032, -039, -041, -043, -047, -048, -056, -062, -067, -068, -071, -073, -096, -098, -100, -101, -102, -107, -108, -112, -114, -115
Unit Nos: Motorola / Valeo 9AL2546G, 2576G, 2586G, 2940K, 2967P, 3911G, 3927G, 3955G, 3956G, 5002K, 5004G, 6011G; 9AR2501K, 2513F, 2514F, 2547F, 2548F, 2549F, 2553K, 2563F, 2564F, 2565F, 2567F, 2587F, 2632F, 2692G, 2710P, 2712P, 2714F, 2730P, 2731R, 2732P, 2733P, 2734P, 2735P, 2736P, 2737P, 2738P, 2740P, 2741P, 2742P, 2744P, 2745P, 2746P, 2747P, 2752P, 2775F, 2777L, 2779L, 2780K, 2809D, 2810L, 2811K, 2831P, 2854P, 2870P, 2874R, 2881P, 2898P, 2923P, 2946P, 2951L, 2958P, 2967P, 2984L, 2988L, 2989L, 2992P, 2999P, 3599G, 3711G, 3713G, 3739G, 3743G, 3790G, 3791G, 3855G, 3894D, 3921G, 3947G, 3952G, 3953G, 3959G, 5001K, 5009H, 5017R, 5031P, 5033P, 5034P, 5037L, 5038L, 5039L, 5041P, 5043P, 5048P, 5055P, 5073L, 5080K, 6000G, 6012G, 6014G, 6016G, 6032G, 6035G, 6094G, 6095G;
Valeo 2518099, 2522095, 2522104, 2522117, 2522159, 2522758, 2522976, 2523068, 2523069, 2523070, 2523071, 2523117, 2523159, 2523161, 2523162, 2523164, 2523165, 2523211, 2523212, 2523214, 2523215, 2523216, 2523349, 2523413, 2541233, 2541234, 2541235, 2541236, 2541423, 2927340, 2937430, 2940020, 2940060, 2940090, 2940173, 2940208, 2940349, 2940353, 2940733, 2940753, 2940754, 2940776, 2940817, 2940922, 2940925, 2940926, 2940928, 2941123, 2941389
Lester Nos: 12120, 12154, 12172, 12173, 12292
Dim: M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-25A diodes



MER105
(Ref# 31-9412)
Rectifier

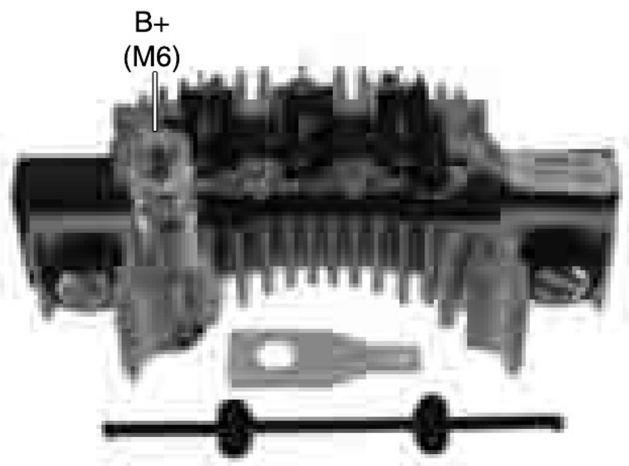
For: Motorola / Valeo 9AR Series IR/EF Alternators
Used On: (1987-80) Renault
Replaces: Valeo 501-031, -034, -066, -078, -079, -097, -113, -117, -119; 2522190, NB121, NB785
Unit Nos: Motorola / Valeo 9AR2659K, 2660K, 2675K, 2676K, 2695K, 2760K, 2778K, 2869K, 2933P, 2934K, 2935P, 2936P, 2945K, 2948K, 2950K, 2950P, 2996K, 2996P, 5023K, 5023P, 5024P, 5042P; Valeo 510-146, -147, -151, -152, -172, -208, -228, -302, -349, -350, -351, -353, -366, -367, -373, -407, -440, -460
Lester Nos: 14325, 14327, 14329, 14582
WAI Ref. Nos: 1-1307-01VA, 1-1309-01VA, 1-1314-01VA
Dim: M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-25A diodes



MER106
(Ref# 31-9406)
Rectifier

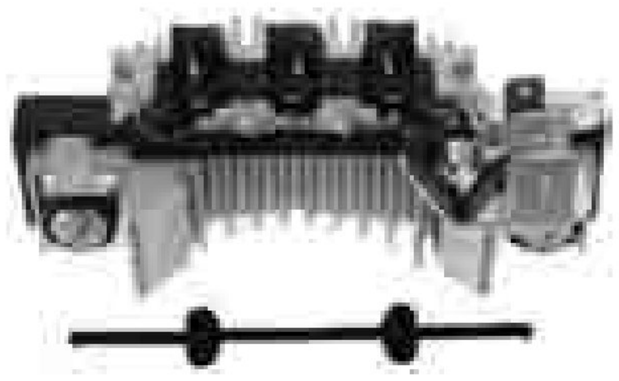
For: Motorola / Valeo 35-75A 9AL, 9AR Series ER/EF, IR/EF Alternators
Used On: (1990-88) Peugeot; Massey Ferguson
Replaces: Valeo 501-014, -020, -060, -095; 592554, 2522084
Unit Nos: Motorola / Valeo 9AL2507G, 2540G, 2560G, 2582K, 2595K, 2607P, 2617K, 2658K, 2679K, 2685K, 2793P, 2800G, 2826K, 2885K, 3544G, 5009F; 9AR2510K, 2513F, 2514F, 2547F, 2549F, 2553K, 2556K, 2566K, 2591G, 2638P, 2663K, 2672P, 2673K, 2690P, 2691G, 2693P, 2694P, 2714F, 2715F, 2755P, 2794K, 2815K, 2856K, 2904L, 2909P, 2930G, 2941L, 2964K, 2990P, 2995R, 2998K, 3599G, 3620G, 3649G, 3949K, (cont'd.)

(cont'd.)
5062K, 5097P, 6093K, 6095G;
Valeo 510-006, -012, -014, -038, -040, -044, -056, -079, -095, -110, -123, -128, -148, -149, -157, -160, -166, -181, -191, -205, -244, -250, -257, -321, -326, -375, -377, -408, -409, -480, -519;
Lester Nos: 12172, 12304, 14332, 14566, 14609, 14610
WAI Ref. Nos: 1-1333-01VA, 1-1334-01VA, 1-1534-01VA
Dim: M6 x 1.0 x 15mm Batt. Term.
Note: With diode trio
Features:
• 6-25A diodes



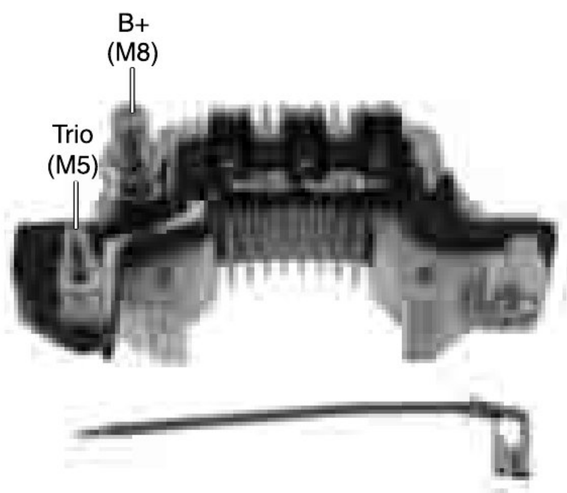
MER107
Rectifier

For: Motorola / Valeo 9AL, 9AR Series IR/EF Alternators
Used On: Elgin Sweeper
Replaces: Valeo 501-118
Unit Nos: Motorola / Valeo 9AL2524K, 2578G, 2579G, 2585G, 2616K, 2618G, 2766K, 2767P, 2768G, 2788K, 2924K, 3580G, 3581G, 3586G, 3776G, 3925G, 3926G, 3985G, 3986G; 9AR2588K, 2596K, 2619G, 2621L, 2661P, 2723P, 2724P, 2789G, 2805G, 2867L, 2993G, 2994P, 3721G, 3787G, 3797G, 3798G, 3868G, 3927G, 3983G, 3987G, 6015K, 6025K;
Valeo 2518057, 2940347, 2940426, 2940778, 2940780, 2940793, 2940815; 510-273, -296, -369, -403,
Lester Nos: 12120, 14388
Dim: M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-25A diodes



MER108
(Ref# 31-9424)
Rectifier

For: Motorola / Valeo 50-65A 9AR Series IR/EF Alternators
Used On: (1985-84) VW
Replaces: Valeo 2522148, A940163A, NB119
Unit Nos: Motorola / Valeo 9AL2759K; 9AR2759, 2785K, 5081K, 5082G, 5083G, 5084L, 5085L, 5086L, 5087K, 5089G, 5090L, 5105K;
Valeo 510-217, -218, -219, -232, -233, -415, -416, -417, -418, -419, -420, -421, -422, -446, -447, -448, -501, -502, -503, -504, -505, -506, -507, -509, -510, -521, -522, -523
Lester Nos: 13174
WAI Ref. Nos: 1-1398-01VA
Note: With diode trio
Features:
• 6-25A diodes



MER109
(Ref# 31-9427)
Rectifier

For: Motorola / Valeo 45-65A IR/EF Alternators
Used On: (1993-86) VW
Replaces: Valeo 2523321, A940677A, VW-Audi 036-903-359J
Unit Nos: Valeo 2541221, 2541222, 2541395, 2541396, 2541402, 2541438, 290300, 290301, 290302, 290303, 290304, 290306, 290307, 290308, 290309, 290310, 290311, 290363, 290365, 290367, 290369, 290371, 290373, 290375, 2940300, 2940301, 2940302, 2940303, 2940304, 2940305, 2940306, 2940307, 2940308, 2940309, 2940310, 2940311, 2940375; A13E02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 21, 22, 43, 47, 48, 49, 54, 58, 58
Lester Nos: 14875, 14995
WAI Ref. Nos: 1-1387-01VA, 1-1464-01VA
Dim: M5 x 0.8 x 12mm Trio Term.
M8 x 1.25 x 12mm Batt. Term.
Note: With diode trio
Features:
• 6-25A diodes



MER201
(Ref# 31-9439)
Rectifier

For: Motorola / Valeo 9AR Series IR/EF Alternators
Used On: Boss Trucks, Drivers Marine, Frigiking Carrier, IHC, John Deere, Renault Marine, Sambron/Deutz IH, Yanmar/Ford Marine, Yanmar Leyland Marine
Replaces: Valeo 501-037, 501-046
Unit Nos: Motorola / Valeo 9AR2682F, 2799G, 2821G, 2882F; 5054G;
Valeo 510-162, -249, -336, -337, -338, -385, -471, -805, -847
Dim: M6 x 1.0 x 15mm Batt. Term.
Note: With diode trio
Features:
• 6-25A diodes



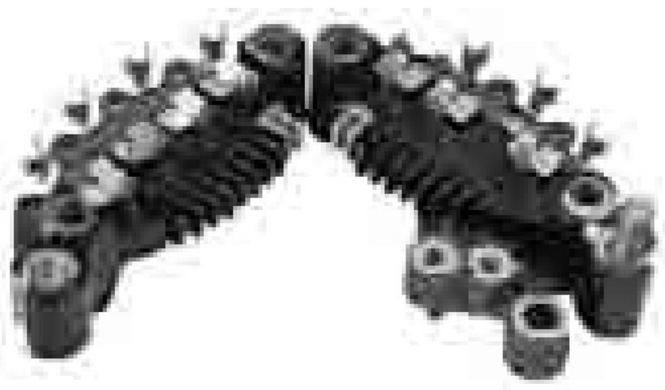
MER202
(Ref# 31-9435)
Rectifier

For: Motorola / Valeo 30-35A 9AR Series IR/EF Alternators
Used On: Audi, British Leyland, David Brown, Derby, Ford, International Harvester, Land Rover, Lincoln, Lotus, Range Rover, Renault V.I., VW
Replaces: Valeo 501-024
Unit Nos: Motorola / Valeo 9AR2876D, 9AR2895F; Valeo 510-304, 510-325,
Note: With diode trio
Features:
• 6-25A diodes

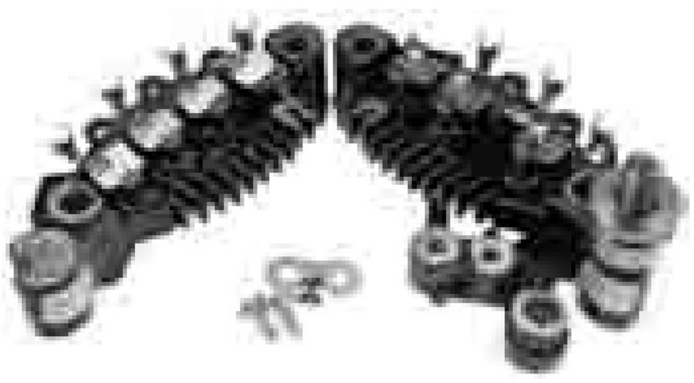
ALTERNATOR - RECTIFIERS (TRANSPO)

VALEO

Valeo - Motorola (cont'd.)



MER1920
Rectifier
For: Motorola / Valeo IR/IF Alternators
Used On: Citroen, Peugeot
Replaces: Valeo 2809019, 2809020, 593287, 593499
Unit Nos: Valeo A14VI15, A14VI16, A14VI27, A14VI35, A14VI41
Features:
- 12-50A press-fit avalanche diodes (6/side)
- Crimp-weld diode terminations
- Heat-sink connecting strap provided

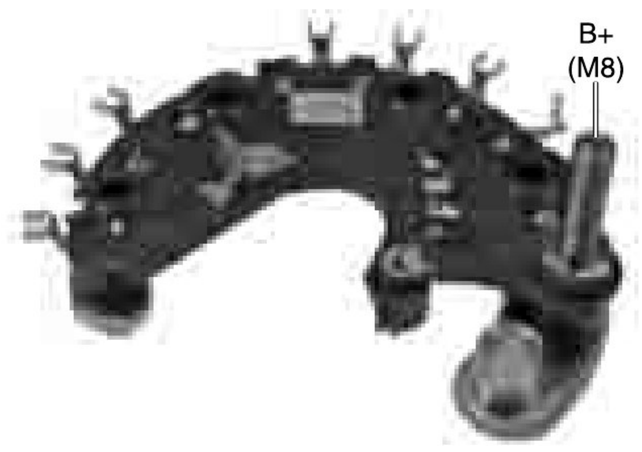


MER1921
Rectifier
For: Valeo 140A IR/IF Alternators
Used On: Buick (China)
Replaces: Valeo 2809019, 2809020, 593287, 593499
Unit Nos: Valeo A14VI63, SA14VI63
Note: With P-Terminal

Valeo - Paris Rhone

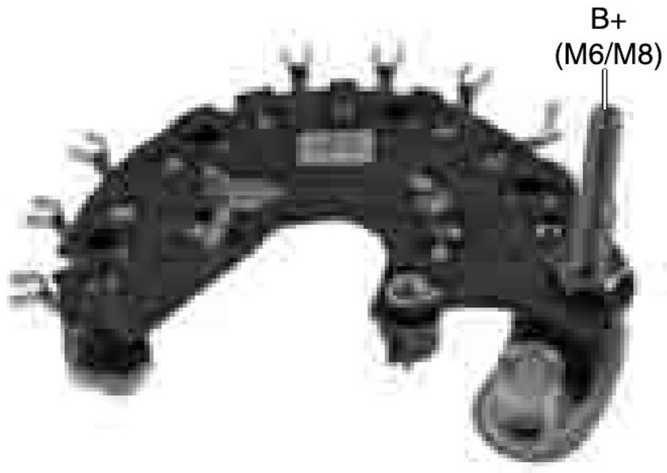


MER592
Rectifier
For: Paris Rhone / Valeo IR/IF Alternators
Used On: (2002-92) BMW, VW
Replaces: Valeo 592845, 592915, 2521487, 2523372, 2523972, A546062A, NF016, NF017
Unit Nos: Paris Rhone / Valeo A11VI21, 22, 35, 36, 62, 66; A13N217; A13VI18, 40, 41, 44, 54, 60, 61, 61, 114, 121, 123, 124, 125, 132, 140;
Valeo, 2541298, 2541299, 2541410, 2541415, 2541416, 2541420, 2541447, 2541457, 2541458, 2541459, 2541461, 2541494, 2541814A, 2541815A, 2541821, 2541835A
Lester Nos: 13458, 13470, 13654, 13655, 13656, 13658
WAI Ref. Nos: 1-1539-01VA, 1-1539-02VA, 1-1539-03VA, 1-1808-01VA, 1-1809-01VA, 1-1813-01VA, 1-2131-01VA,
Dim: 107mm OD
M8 x 1.25 Batt. Term.
Note: With diode trio.
Features:
- 6-50A diodes

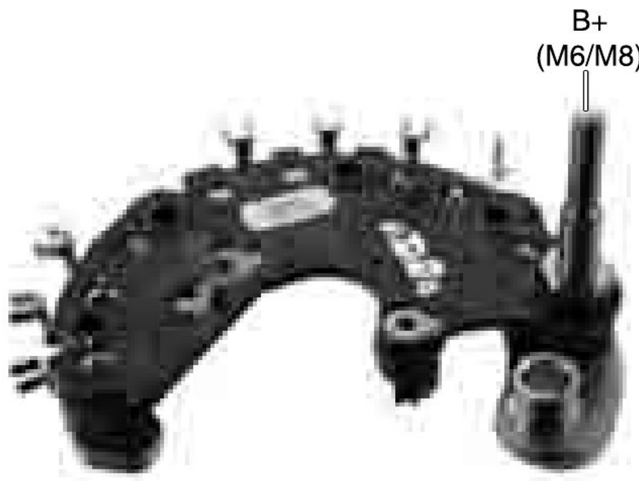


IPR844
Rectifier
For: Paris Rhone / Valeo 70-115A IR/IF Alternators
Used On: (2001-93) Audi, BMW, Mercedes, VW
Replaces: Valeo 592844, 592917, 593186, 2546062, 2546076, 2546084
Unit Nos: Paris Rhone / Valeo A13VI24, 67, 69, 70, 74, 75, 77, 78, 79, 99, 100, 134, 135, 137, 138, 155, 156, 170, 175, 176, 180, 197, 198, 220;
Valeo 2514656, 2541273, 2541348, 2541417, 2541418, 2541473, 2541475, 2541617, 2541620, 2541644, 2541655, 2541656, 2541658, 2541665, 2541676, (cont'd.)

(cont'd.)
2541678, 2541680, 2541683, 2541696, 2541697, 2541699, 2541703, 2541724, 2541726, 2541741, 2541767, 2541775, 2541776, 2541793, 2541794, 2541801, 2541802, 2541812, 2541814, 2541815, 2541816, 2541895
Lester Nos: 13376, 13464, 13664, 13708, 13709, 13814
WAI Ref. Nos: 1-1846-01VA, 1-1950-41VA, 1-1950-42VA, 1-2168-01VA, 1-2383-01VA, 1-2451-01VA
Dim: 107mm OD
M8 x 1.25 Batt. Term.
Note: With diode trio. With W-terminal.
Features:
- 6-35A press-fit avalanche diodes



IPR846
Rectifier
For: Paris Rhone / Valeo 75-110A IR/IF Alternators
Used On: Renault, Peugeot
Replaces: Valeo 545940, 592846, 592847, 2545941
Unit Nos: Paris Rhone / Valeo 11VI29, 30, 31, 59, 61; A13VI11, 13, 14, 16, 17, 20, 21, 22, 23, 25, 28, 30, 32, 34, 35, 45, 47, 52, 55, 57, 62, 64, 65, 66, 66, 104, 105, 106, 107, 131, 153;
Valeo 2541244, 2541262, 2541307, 2541308, 2541310, 2541311, 2541325, 2541339, 2541340, 2541343, 2541344, 2541349, 2541359, 2541386, 2541393, 2541394, 2541443, 2541448, 2541485, 2541600, 2541602, 2541603, 2541604, 2541608, 2541610, 2541610B, 2541613, 2541625, 2541641, 2541642, 2541643, 2541788, 2541789, 2541790, 2541791, 2541797, 2541826
WAI Ref. Nos: 1-2278-01VA
Dim: 107mm OD
M6 x 1.0 x 19mm, M8 x 1.25 x 19mm
Stepped Batt. Term.
Note: With W-terminal.
Similar to IPR847 except:
IPR846: 8-diode rectifier
IPR847: 6-diode rectifier
Features:
- 8-35A press-fit avalanche diodes



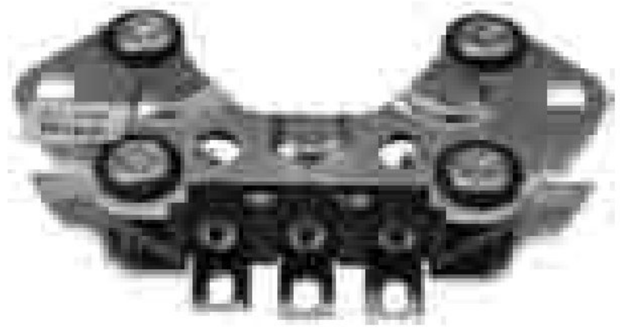
IPR847
Rectifier

For: Paris Rhone / Valeo 75-80A IR/IF Alternators
Used On: Renault, Peugeot
Replaces: Valeo 545937, 592847, 2545938
Unit Nos: Paris Rhone / Valeo A11VI29, 30, 31, 59, 61; A13VI14, 16, 20, 23, 64, 65, 66, 66, 104
Dim: 107mm OD
M6 x 1.0 x 19mm, M8 x 1.25 x 19mm Stepped Batt. Term.
Note: With W-terminal.
Similar to IPR846 except:
IPR846: 8-diode rectifier
IPR847: 6-diode rectifier
Features:
• 6-35A press-fit avalanche diodes



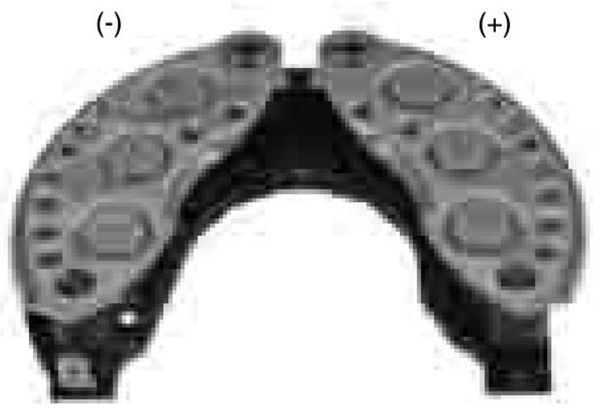
IPR848
Rectifier

For: Paris Rhone / Valeo IR/EF Alternators
Used On: (2003-99) Audi, VW
Replaces: Valeo 546041, 592848, 2546048, NF009
Unit Nos: Paris Rhone / Valeo A11VI15, 16, 17, 18, 47, 48; A13VI31, 48, 85, 86, 87, 88, 94, 95, 101, 102;
Valeo 2541355, 2541356, 2541360, 2541361, 2541362, 2541455, 2541731, 2541738, 2541739, 2541740, 2541758, 2541759, 2541784, 2541785, 2542227
Lester Nos: 13933
WAI Ref. Nos: 1-2440-01VA
Dim: 107mm OD
M8 x 1.25 Batt. Term.
Note: With diode trio.
Features:
• 6-35A press-fit avalanche diodes



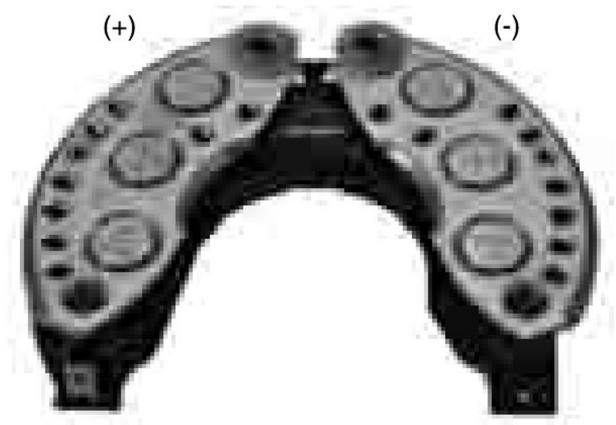
IPR124
(Ref# 31-9425)
Rectifier

For: Paris Rhone / Valeo ER/EF, IR/EF Alternators
Used On: Peugeot, Renault
Replaces: Ducellier 593076; Paris Rhone 92086, 92785, 92919, 92928, 92939; Valeo NC124
Unit Nos: Paris Rhone / Valeo A11R1, 2, 3, 4; A12R1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 36, 37, 38, 42, 43, 44, 45, 46, 47, 48, 49, 50, 52, 53, 54, 55, 56, 57, 58, 59; A13M11;
Valeo 100060, 100061, 100677, 100954, 101370, 101493, 102157, 102158, 102450, 102451, 103117, 104379, 104849, 104850, 105110, 105793, 432715, 432728, 432745
Lester Nos: 14039, 14566, 14567, 14953, 14954
WAI Ref. Nos: 1-1305-01PR, 1-1333-01PR, 1-1334-01PR
Features:
• 6-50A diodes



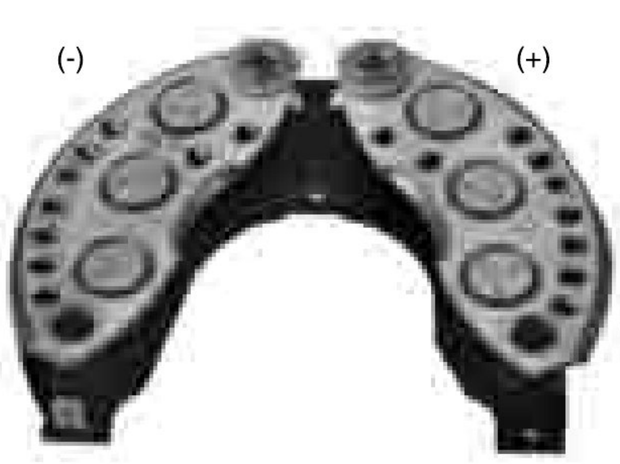
IPR103-1
Rectifier

For: SEV / Valeo 35-55A ER/EF, IR/EF Alternators
Used On: (1980-78) Saab
Replaces: Paris Rhone 350011; SEV 71215103, 71215603; Valeo NC388
Unit Nos: SEV / Valeo 71635202, 71635502, 71635802, 71636002, 71645002, 71650202, 71651202, 71651302, 71651602, 71652202, 71655202, 71655502
Lester Nos: 14320
WAI Ref. Nos: 1-1281-01SV, 1-1333-01SV
Dim: 115mm OD
Note: With diode trio.
Features:
• 6-40A press-fit diodes



IPR135-1
(Ref# 31-9421)
Rectifier

For: Paris Rhone / Valeo 50-90A ER/EF Alternators
Used On: (1989-88) Eagle
Replaces: Paris Rhone 101743, 102527, 103543, 105380, 180593; Valeo A103543A, A180593A, NC145; Volvo 33431263
Unit Nos: Paris Rhone / Valeo A13N6, 7, 8T, 14, 15, 12, 13, 17, 27, 29, 30, 49, 50, 53, 64, 65, 85, 86, 89, 97, 104, 110, 121, 136, 137, 139, 150, 156, 157, 158, 160, 161, 162, 163, 187, 188, 199, 204, 206, 209, 210, 226; A14N12, 13, 14, 40, 50, 69, 70, 85, 86, 96, 106, 107, 117, 125, 131, 151, 181, 195
Lester Nos: 12049, 14039, 14567, 14893, 14900, 14921, 14961
WAI Ref. Nos: 1-1305-01PR, 1-1308-01PR
Dim: 115mm OD
Note: Without diode trio, w/ capacitor, w/ single AC stator tap
Features:
• 6-50A press-fit diodes



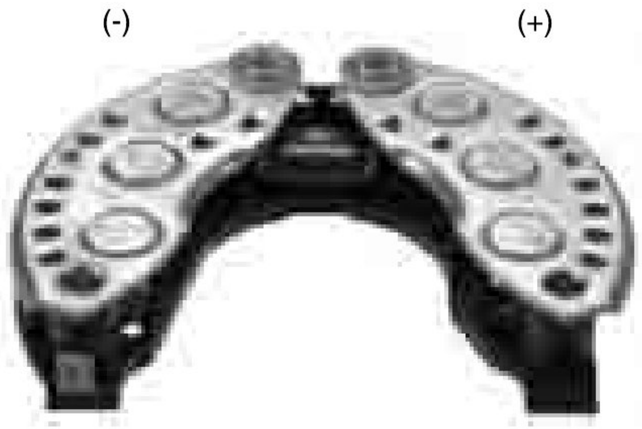
IPR157-1
Rectifier

For: SEV / Valeo 55A IR/EF Alternators
Used On: (1987-80) Renault
Replaces: Paris Rhone 100157; SEV 71215303; Valeo NC133, NC216
Unit Nos: SEV / Valeo 71635102, 71635602, 71635902, 71636102, 71650802, 71651802, 71651902, 71652402, 71652602, 71770102, 71770202
Lester Nos: 14322, 14326, 14329, 14582
WAI Ref. Nos: 1-1309-01SV, 1-1314-01SV
Dim: 115mm OD
Features:
• 6-40A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

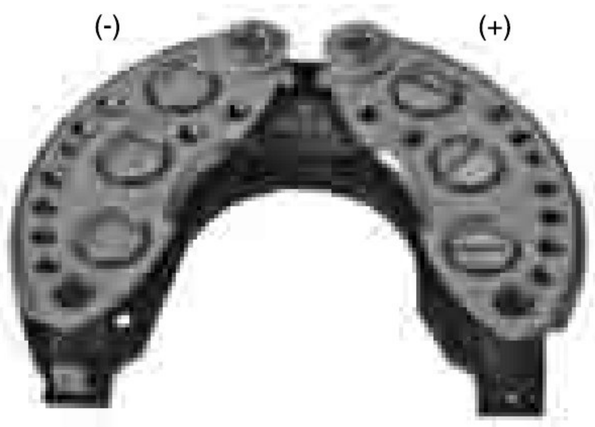
VALEO

Valeo - Paris Rhone (cont'd.)



IPR203-1
(Ref# 31-9413)
Rectifier

For: Paris Rhone / Valeo 50-75A IR/EF Alternators
Used On: (1982-79) Volvo
Replaces: Paris Rhone 1100931, 104941, 104971, 2181199; Valeo 592596, NC138
Unit Nos: Paris Rhone / Valeo A13N9, A13N25, A13N39, A13N46, A13N47, A13N129, A13N242, A14N7, A14N90, A14N93, A14N97
Lester Nos: 14420
WAI Ref. Nos: 1-1294-01PR
Dim: 115mm OD
Note: With diode trio, w/ capacitor.
Features:
• 6-40A press-fit diodes



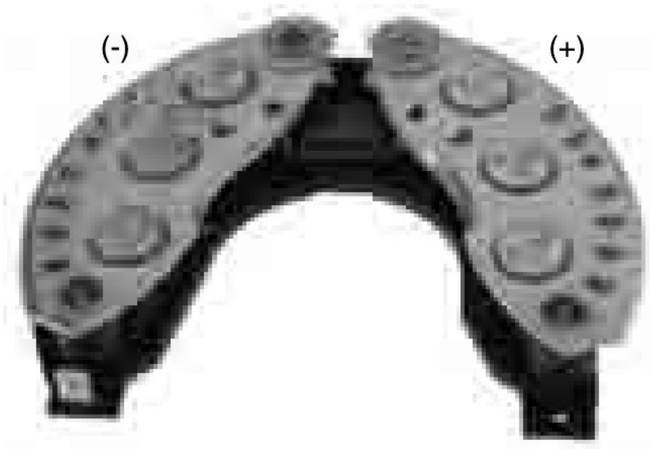
IPR203HD-1
(Ref# 31-9413-1)
Rectifier

Same as IPR203-1 except...
Features:
• 6-50A press-fit diodes
• Copper heat sinks



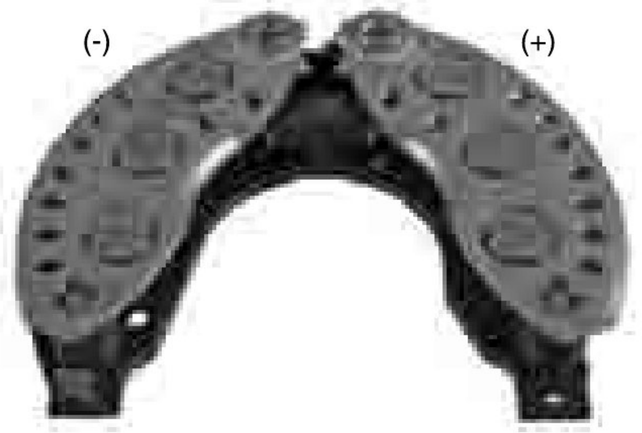
IPR227-1
(Ref# 31-9431)
Rectifier

For: Paris Rhone / Valeo IR/EF Alternators
Used On: Renault, Saab, Scania
Replaces: Paris Rhone 101227, 104269; Renault 5000-810-536; Valeo NC137
Unit Nos: Paris Rhone / Valeo A13N44T, A13N45T, A14N39, A14N133, A14N135, A14R33
Dim: 115mm OD
Note: With diode trio, w/ W-terminal, w/ capacitor.
Features:
• 6-50A press-fit diodes



IPR252-1
(Ref# 31-9442)
Rectifier

For: Paris Rhone / Valeo IR/EF Alternators
Used On: Renault
Replaces: Paris Rhone 105690; Valeo 592881, A523707A, A523724A, NC141
Unit Nos: Paris Rhone / Valeo A13N88, A13N171, A14N62
Dim: 115mm OD
Note: Without diode trio, w/ W-terminal, w/ capacitor
Features:
• 6-50A press-fit diodes



IPR342-1
(Ref# 31-9433)
Rectifier

For: Paris Rhone / Valeo IR/EF Alternators
Used On: Renault, RVI
Replaces: Paris Rhone 101342; Renault 5000-803-982; Valeo A523728A, NC161
Unit Nos: Paris Rhone / Valeo A13N4T, A13N5T, A13N22T, A13N61T, A13N229T, A14N3T, A14N28T, A14N32T
Dim: 115mm OD
Note: With diode trio, w/ W-Terminal, w/ 330 ohm resistor, w/ capacitor
Features:
• 6-50A press-fit diodes



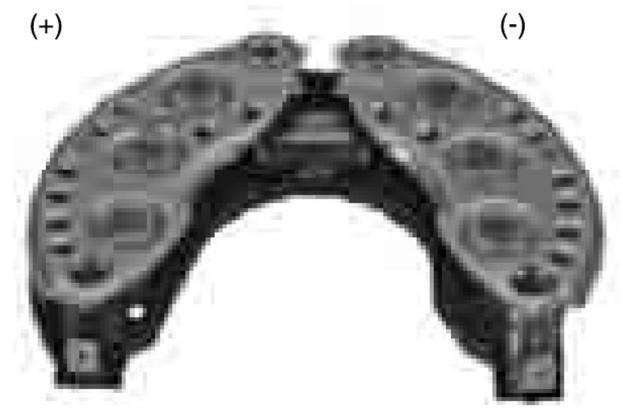
IPR537-1
Rectifier

For: Paris Rhone / Valeo 70-85A IR/EF Alternators
Used On: (1982-79) Volvo
Replaces: Paris Rhone 180537, Peugeot 574491; Valeo 592595, 592779, NC144
Unit Nos: Paris Rhone / Valeo A13N25, A13N123, A13N178, A13N179, A14N18, A14N91, A14N92, A14N97
Lester Nos: 14420
WAI Ref. Nos: 1-1294-01PR
Dim: 115mm OD
Note: With diode trio, w/ capacitor.
Features:
• 6-50A press-fit diodes



IPR539-1
(Ref# 31-9402)
Rectifier

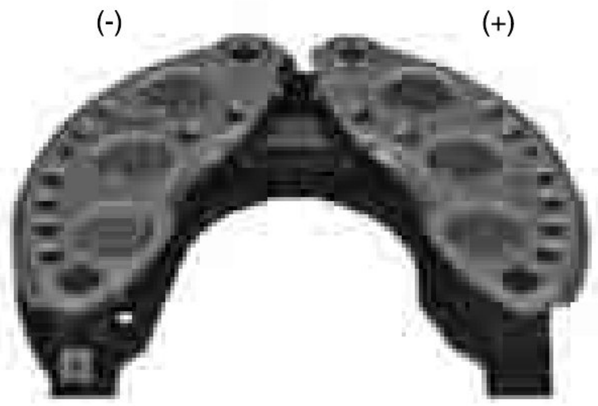
For: Paris Rhone / Valeo 50-90A IR/EF Alternators
Used On: (1989-80) Eagle, Renault
Replaces: Paris Rhone 100175, 101217, 101759, 103539, 103570, 103576, 104292, 105135, 105629; Renault 5000-815-155; Valeo A105901A, A180510A, NC139, NC936
Unit Nos: Paris Rhone / Valeo A13N10, A13N18, 19, 20, 31, 43, 62, 82, 84, 87, 91, 92, 103, 106, 113, 114, 116, 120, 124, 125, 126, 127, 128, 146, 159, 172, 173, 180; A13R258; A14N1, 2, 9, 10, 22, 35, 36, 42, 51, 55, 56, 59, 60, 63, 64, 65, 77, 83, 84, 89, 99 , 101, 102, 103, 113, 121, 130, 134, 142, 150
Lester Nos: 13224, 14329, 14331, 14582, 14894, 14895, 14899, 14900, 14922, 14959, 14961, 14963
WAI Ref. Nos: 1-1306-01PR, 1-1307-01PR, 1-1308-01PR, 1-1309-01PR, 1-1310-01PR, 1-1311-01PR, 1-1314-01PR, 1-1331-01PR, 1-1602-01PR
Dim: 115mm OD
Note: Without diode trio, w/ capacitor
Features:
• 6-50A press-fit diodes



IPR551-1
(Ref# 31-9403)
Rectifier

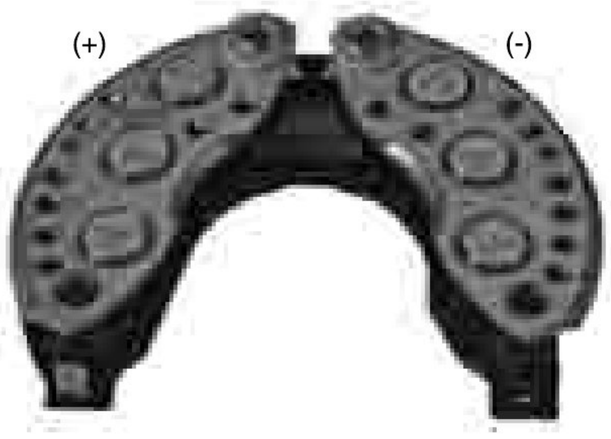
For: Paris Rhone / Valeo IR/EF Alternators
Used On: Deutz, Volvo-Penta Marine, Volvo White-GMC
Replaces: Paris Rhone 102556, 103551, 181155; Valeo 181155, A523726A, NC135, NC730; Volvo 872383
Unit Nos: Paris Rhone / Valeo A12N2M; A13N1M, 2M, 34, 51, 52, 134M, 140T, 143, 143M, 147M, 148M, 149M, 152M, 165, 186, 186M, 190, 282, 28M, 33M,
(cont'd.)

(cont'd.)
35M, 36M, 55M, 57M, 66M; A14N43M, 44M, 47M, 81M, 100M, 110M, 112M, 114T, 115M, 116M, 118M, 119M, 122M, 137, 137M, 148, 177M
Lester Nos: 12110, 13060, 13068, 13208
WAI Ref. Nos: 1-1938-01PR, 1-1945-01PR, 1-2525-01VA
Dim: 115mm OD
Note: With diode trio, w/ W-terminal, w/ capacitor
Features:
• 6-50A press-fit diodes



IPR554-1
(Ref# 31-9443)
Rectifier

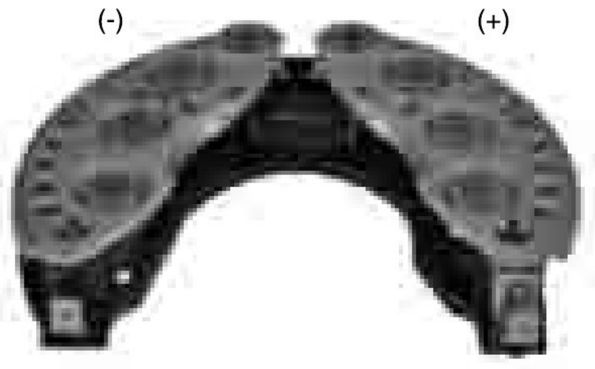
For: Paris Rhone / Valeo 70-85A IR/EF Alternators
Used On: (1990-85) Peugeot
Replaces: Paris Rhone 105554, 2181241; Peugeot 574461
Unit Nos: Paris Rhone / Valeo A13N130, A14N80, A14N82, A14N88; Peugeot 570515
Lester Nos: 14894, 14955
WAI Ref. Nos: 1-1331-01PR, 1-1336-01PR
Dim: 115mm OD
Note: With diode trio, w/ 82 ohm resistor, w/ capacitor
Features:
• 6-40A press-fit diodes



IPR615-1
(Ref# 31-9414)
Rectifier

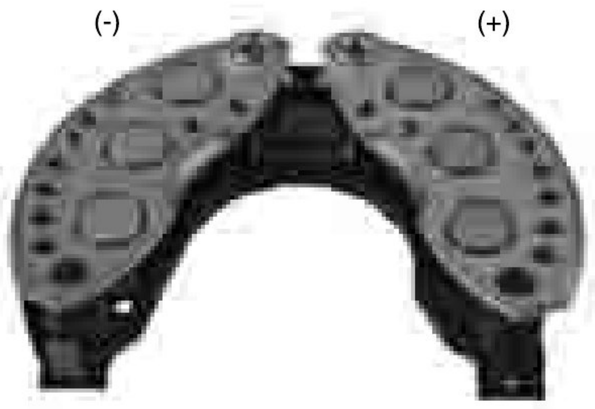
For: Paris Rhone / Valeo IR/EF Alternators
Used On: (1987-85) Jeep (Diesel)
Replaces: Paris Rhone 104615, 105522, 105523, 106016; Valeo NC143
Unit Nos: Chrysler 53001762, 53001764, 53002267, 53006070;
(cont'd.)

(cont'd.)
Jeep-Eagle JR775029;
Paris Rhone / Valeo A13N81, 90, 107, 108, 112, 117, 119, 164, 185; A14N4, 53, 54, 132, 152, 158, 163, 164; Valeo 104247, 104248, 104252, 180577, 180580, 183011
Lester Nos: 14891, 14978
WAI Ref. Nos: 1-1512-01PR, 1-1513-01PR
Dim: 115mm OD
Note: Without diode trio, w/ capacitor, w/ W-terminal
Features:
• 6-50A press-fit diodes



IPR713-1
(Ref# 31-9405)
Rectifier

For: Paris Rhone / Valeo 75-90A IR/EF Alternators
Used On: (1984-77) Porsche
Replaces: Paris Rhone 101713
Unit Nos: Paris Rhone / Valeo A14N11, A14N38, A14N71; Porsche 911-603-120-04, 928-603-114-00, 928-603-114-01
Lester Nos: 14594, 14602, 14957
WAI Ref. Nos: 1-1361-01PR, 1-1579-01PR
Dim: 115mm OD
Note: With diode trio, w/ capacitor
Features:
• 6-40A press-fit diodes



IPR747
(Ref# 31-9434)
Rectifier

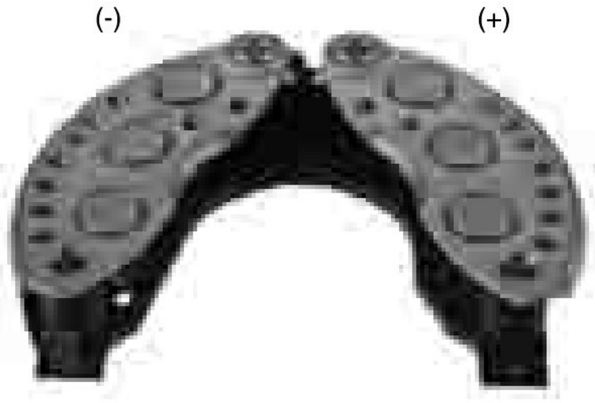
For: Paris Rhone / Valeo 50-70A IR/EF Alternators
Used On: Citroen, Peugeot
Replaces: Valeo 592747, 592749, NC976
Unit Nos: Paris Rhone / Valeo A13N151, A13N177, A13N181, A13N182, A13N183, A13N218, A13N219, A13N261
Dim: 115mm OD
Note: With diode trio, w/ capacitor
Features:
• 6-40A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

VALEO

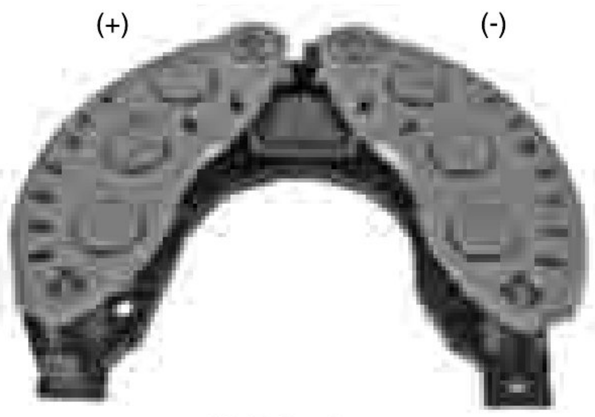
Valeo - Paris Rhone (cont'd.)

(-) (+)

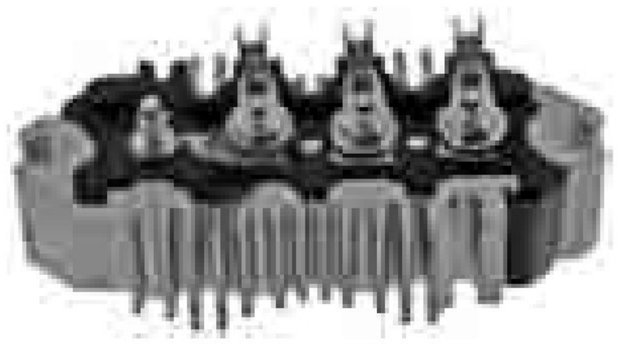


IPR773-1
Rectifier
For: Paris Rhone / Valeo, SEV / Valeo ER/EF, IR/EF Alternators
Used On: (1986-78) Peugeot, Volvo
Replaces: Paris Rhone 101773, 101776, 103546; SEV 71215403, 71216903; Valeo NC134, NC217
Unit Nos: Paris Rhone / Valeo A13N56M, 83, 94; A13R248, 259, 266, 267, 268; A14N23, 78;
SEV / Valeo 71636202, 71636302, 71636402, 71636802, 71636902, 71652002, 71652102, 71652702, 71652703, 71653102, 71653202, 71655002, 71655102, 71655302, 71770002;
Valeo 100402, 101989, 102240, 102242, 102243, 105114;
Volvo 1269124-2, 1269183-8, 1325292
Lester Nos: 14263, 14281, 14289, 14291, 14609, 14953, 14954, 14955
WAI Ref. Nos: 1-1290-01SV, 1-1295-01SV, 1-1299-01SV, 1-1334-01PR, 1-1334-01SV, 1-1336-01PR
Dim: 115mm OD
Note: With diode trio, w/ 82 ohm resistor.
Features:
• 6-40A press-fit diodes

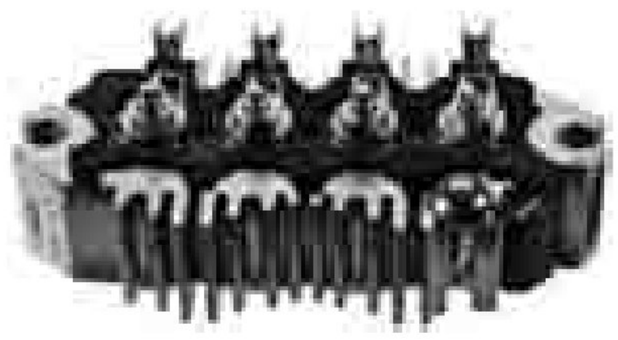
(+) (-)



IPR813-1
(Ref# 31-9430)
Rectifier
For: Paris Rhone / Valeo 50-75A IR/EF Alternators
Used On: Peugeot
Replaces: Paris Rhone 105813, 105814; Peugeot 574465; Valeo 592741, 592742, A521404A, NC142
Unit Nos: Paris Rhone / Valeo A13N80, A13N95, A13N167, A13N214, A13N243, A14N16
Lester Nos: 14584
Dim: 115mm OD
Note: With diode trio, w/ 82 ohm resistor, w/ capacitor
Features:
• 6-40A press-fit diodes



IPR906
Rectifier
For: Paris Rhone / Valeo IR/EF Alternators
Used On: (1989-84) Porsche
Replaces: Paris Rhone 300903; Valeo A105612A, A105947A
Unit Nos: Paris Rhone / Valeo A14N67, 73, 76, 95, 104, 124, 140;
Porsche 911-603-120-05;
Valeo 180475, 2104905, 2105128, 2105129, 2105447, 2180475, 2180590, 2518085, 2541197
Lester Nos: 14892, 14986
WAI Ref. Nos: 1-1362-01PR
Note: Used w/ IPR908 rectifier.
Features:
• 6-25A diodes



IPR908
Rectifier
For: Paris Rhone / Valeo IR/EF Alternators
Used On: (1989-84) Porsche
Replaces: Paris Rhone 300903; Valeo A105612A, A105947A
Unit Nos: Paris Rhone / Valeo A14N67, 73, 76, 95, 104, 124, 140;
Porsche 911-603-120-05;
Valeo 180475, 2104905, 2105128, 2105129, 2105447, 2180475, 2180590, 2518085, 2541197
Lester Nos: 14892, 14986
WAI Ref. Nos: 1-1362-01PR
Note: Used w/ IPR906 rectifier.
Features:
• 8-25A diodes

Valeo - SEV

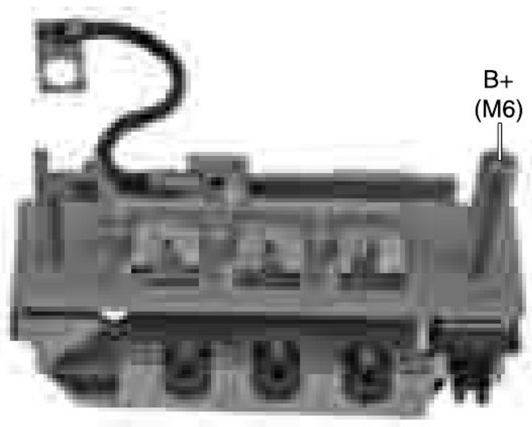


ISR704
(Ref# 31-9426)
Rectifier - Negative Negative Assembly
For: SEV / Valeo 35-70A ER/EF, IR/EF Alternators
Used On: (1978-67) Porsche, Renault, Saab, Volvo
Replaces: Porsche 901-603-909-00; SEV 71205003, 71211003, 71211303, 71211903, 71213303, 71213503; Valeo NC202, NC895, NC903; Volvo 1207430, 465035
Unit Nos: Porsche 911-603-120-00, 911-603-120-02; Saab 85-20-959; SEV / Valeo 71206002; 71210002, 302, 402, 502, 602, 702, 802, 902; 71211302, 402; 71212402, 602; 71220402, 802; 71223002, 702; 71226003, 102, 202, 302, 402, 502, 602, 702, 802, 902; 71227002, 102, 302, 402, 502, 702, 902; 71228002, 102, 202, 302, 402, 502, 602, 702, 802, 902; 71229002, 102, 202, 302, 402, 502; 71230102, 402, 702, 802; 71231002, 102, 202, 402, 502, 702; 71233002, 71243002; 71270202, 402; 71271202, 302; 71293402, 452; 71333102, 71470302, 71523102; Volvo 269629-0, 419787, 462892-1, 462893-9, 827302
Lester Nos: 14224, 14226, 14227, 14228, 14239, 14265, 14280, 14298, 14310, 14326, 14329, 14531, 14566, 14579, 14580
WAI Ref. Nos: 1-1280-01SV, 1-1287-01SV, 1-1288-01SV, 1-1298-01SV, 1-1305-01SV, 1-1309-01SV, 1-1328-01SV, 1-1333-01SV, 1-1359-01SV, 1-1360-01SV
Dim: M5 x 0.8 Batt. Term.
Features:
• 25A press-fit diodes



ISR705
Rectifier - Negative
Negative Assembly

For: SEV / Valeo 85A IR/EF Alternators
Used On: (1984-78) Porsche
Replaces: SEV 71214703
Unit Nos: Porsche 928-603-113-03; SEV / Valeo 71236002
Lester Nos: 14572
WAI Ref. Nos: 1-1369-01SV
Dim: M5 x 0.8 Batt. Term.
Features:
- 50A press-fit diodes
- Copper heat sink



ISR2190
(Ref# 31-9420)
Rectifier

For: SEV / Valeo 'FRED' Brushless 35-40A IR/EF Alternators
Used On: Volvo-Penta Marine
Replaces: SEV 70250003
Unit Nos: Renault 7700-521-119; SEV / Valeo 70229002, 70229102, 70229402, 70229502, 70229602, 70229702, 70229802, 70230002, 70230102, 70230202, 70230302, 70230402, 70230502; Volvo-Penta 826495, 834964
Lester Nos: 13128, 14282
Dim: 80mm Mtg. Length M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
- 6-25A diodes

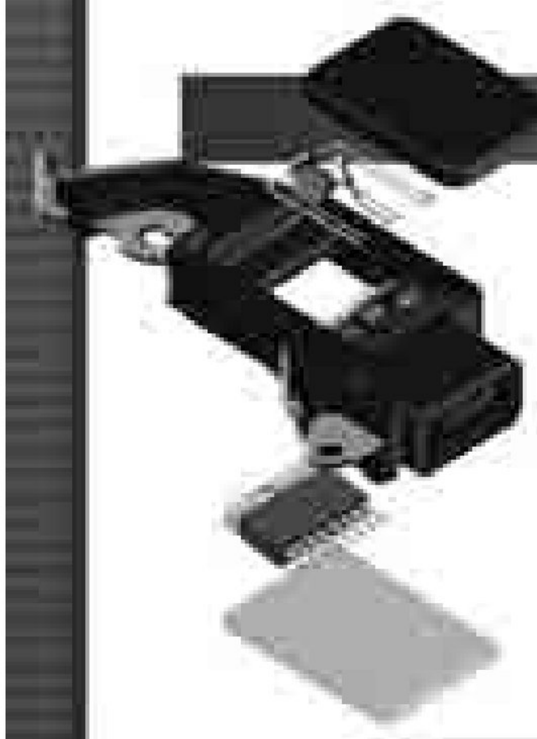
SPECIALTY



911-225
Rectifier

Used On: EMV, Industrial, Marine Applications w/ High Amp Alternators
Dim: 7" L x 5" W x 2.5" H
Features:
- Universal Severe Duty Rectifier
- Remote mount
- Negative ground
- Convection cooled
- Continuous load reliability up to 225A at 14V
- 6-150A stud mount diodes

TRANSPO REGULATORS



ASVR Technology

Patent Pending



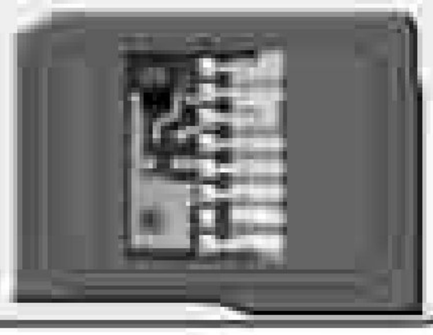
- Fully OE Compliant functions
  - * Current Limiting
  - * Load Dump Protection
  - * Thermal Shutdown
  - * Shorted Field and Lamp Circuit Protection
- ***Internal Construction 100% Welded***
- ***Zero Solder Joints for High Temperature Reliability Providing Increased Field Life.***
- Simplistic Design - No Printed Circuit Board



More than 10 Solder Joints

Other ASVR-type regulator designs

Other manufacturers claim to have welded construction, and in fact they do. What is not disclosed is that a PCB (printed circuit board) containing various 'tuning' components is used to interface with the ASVR Chip. This PCB concept may exhibit as many as 10 solder junctions.





Zero Solder Joints All Welded

The Transpo design eliminates the PCB

with the simplified concept of tuning the ASVR with a minimum of reliable discrete components that are welded directly to the lead-frame circuit. The internal package is then encapsulated with premium silicone dielectric gel.



Transpo's New ASVR Product Lineup for Popular CS and AD-Series Applications



CS130-TYPES

D4080HD: Ref# 1116408, 438; 10000755; T755
D4018HD: Ref# 1116401, 429, 436, 437; 10000752; T437
D4250HD: Ref# 1116425; 10000734; T734
D4450HD: Ref# 1116455, 450, 465; 10000730; T750
D4460HD: Ref# 1116446; 10000731; T731

(See pages 388-390)



CS130D-TYPES

D7020HD: Ref# 10000702, 708; T739
D7050HD: Ref# 10000705; T54; T734
D7050HD: Ref# 10000705; T76, 763; T765
D7040HD: Ref# 10000706; 725; T723
D7400HD: Ref# 10000708; 768; 764; T760

(See pages 391-393)



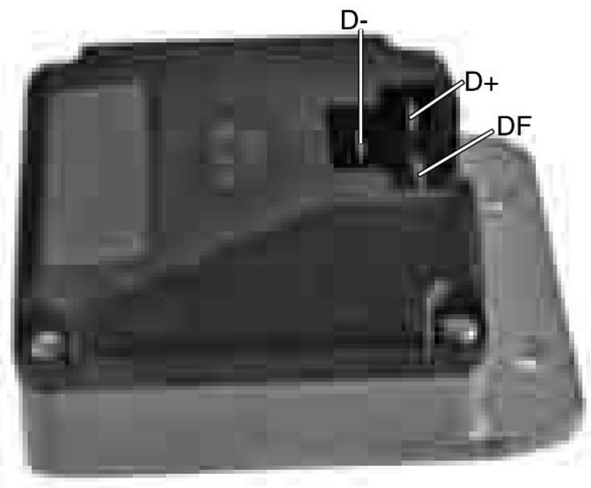
AD-Series-TYPES

D1960HD: Ref# 10450100, T3670
D2000HD: Ref# 10450200, T4632
D2030HD: Ref# 10450201, T4587
D2020HD: Ref# 10450202, T1734
D2030HD: Ref# 10450203, T0004

(See pages 386-387)

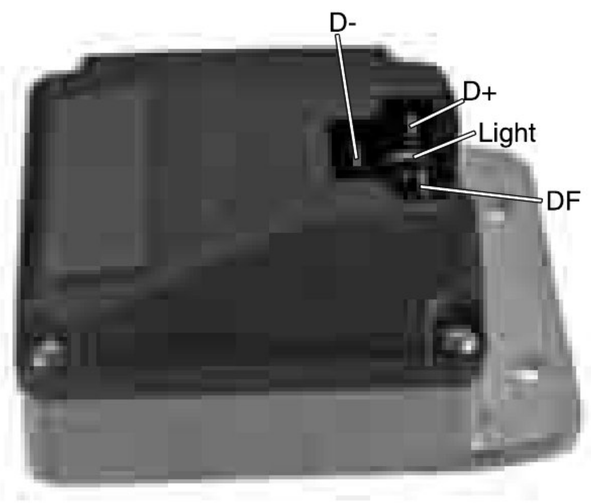
BOSCH

External Regulated / External Fan



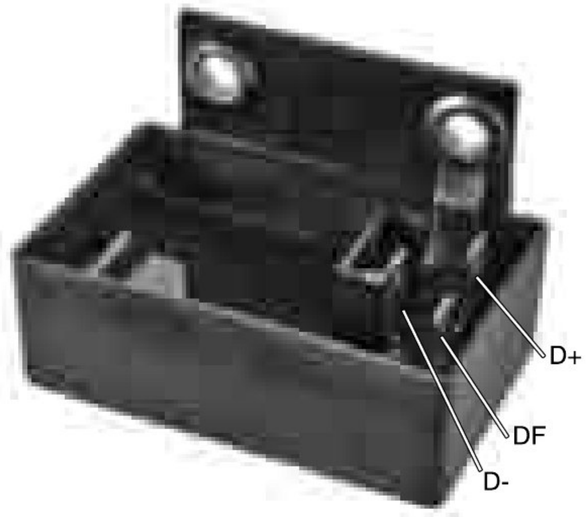
IB033-1
(Ref# 35-9132)
Regulator
24 Volt, B-Circuit, 28.3 Vset,
Insulated Grd. Terminal

For: Bosch ER/EF Alternators
Replaces: Bosch 0-192-033-001, -002, -004;
MAN 81-25601-0008, 81-25601-6007;
Mercedes 001-154-91-06, 002-154-05-06



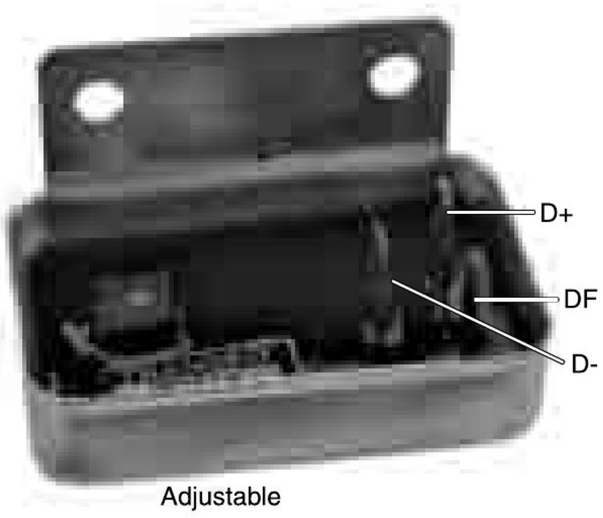
IB034-1
(Ref# 35-9128)
Regulator
24 Volt, B-Circuit, 28.3 Vset

For: Bosch ER/EF Alternators
Replaces: Bosch 0-192-033-003, -005; Komatsu 6102617,
Lucas 21931015, Marelli 64800005,
Massey Ferguson 2868511-M91;
Mercedes 11548806, 21540206, 3505477102



IB301
(Ref# 35-9105)
Regulator
12 Volt, B-Circuit, 14.3 Vset

For: Bosch ER/EF Alternators
Used On: (1979-70) BMW, Mercury, Opel, Porsche, VW
Replaces: BMW 12-32-1-244-409, 12-32-1-350-052,
12-32-1-357-499, 12-32-1-358-134, 12-32-8-708-000,
65-31-1-359-039;
Bosch 0-190-600-001, -003, -006, -008, -018; 0-190-601-001,
-003, -010, -017; 0-192-062-004, -005, -007;
Mercedes 001-154-51-06, 001-154-68-06, 001-154-84-06,
001-154-85-06, 002-154-15-06, 002-154-20-06,
002-154-28-06, 002-154-30-06, 002-154-74-06;
Porsche 901-603-203-01, 901-603-206-00, 901-603-206-02;
VW-Audi 021-903-803, -803A; 028-903-803; 043-903-803,
-803B; 059-903-803, -803A
Unit Nos: Bosch 0-120-400-522, -537, -607, -620, -630, -654,
-716, -726, -728, -758, -764, -767, -771, -772, -803, -808, -815,
-840, -841, -852, -856, -869, -912; 0-120-450-001
Lester Nos: 13009, 13018, 13025, 13030, 13034, 13039,
13040, 13050, 13071, 13073, 13138, 14062, 14539
WAI Ref. Nos: 1-1263-01BO, 1-1274-01BO, 1-1289-01BO,
1-1303-01BO, 1-1304-01BO, 1-1329-01BO, 1-1359-01BO,
1-1364-01BO, 1-1365-01BO, 1-1555-01BO, 1-1558-01BO,
1-1568-01BO, 1-1572-01BO
Note: Similar to IB305-1 except IB301 has aftermarket style housing. For version w/ adjustable voltage use IB301A.
Features:
• Aftermarket style housing



Adjustable

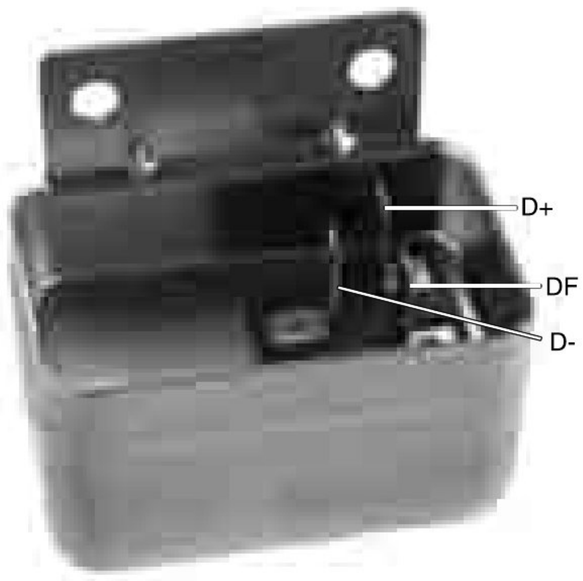
IB301A
Regulator
12 Volt, B-Circuit, 14.2 Vset

Same as IB301 except...
Note: Adjustable voltage version of IB301.

ALTERNATOR - REGULATORS (TRANSPO)

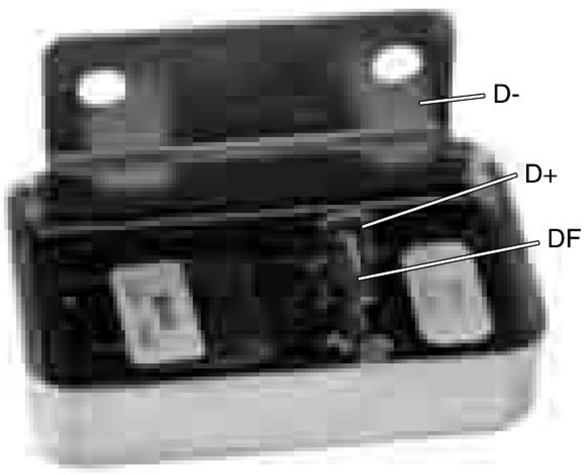
BOSCH

External Regulated / External Fan (cont'd.)



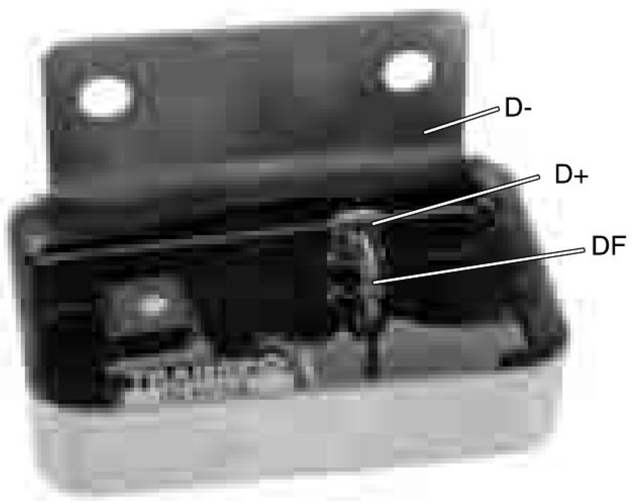
IB305-1
Regulator
12 Volt, B-Circuit, 14.4 Vset

Same as IB301 except...
Features:
• OE style housing



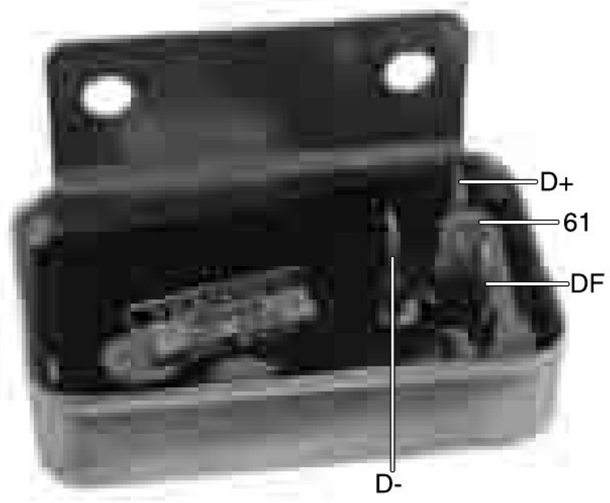
IB303
Regulator
12 Volt, B-Circuit, 14.3 Vset

For: Bosch ER/EF Alternators
Used On: Alfa Romeo, Audi, Austin, Autobianchi, Avia, BMW, DAF, Eicher, Farymann, Faun, Fiat, Ford, Hannomag, Henschel, Holder, Irion, KHD, Lamborghini, Linde, MAN, Magirus Deutz, Mercedes, Opel, Porsche, Renault, Saab, Scania, Volvo, VW
Replaces: Bosch 0-190-600-002, 0-190-600-007, 0-190-601-004, 0-190-601-005, 9-190-006-001, 9-190-006-002



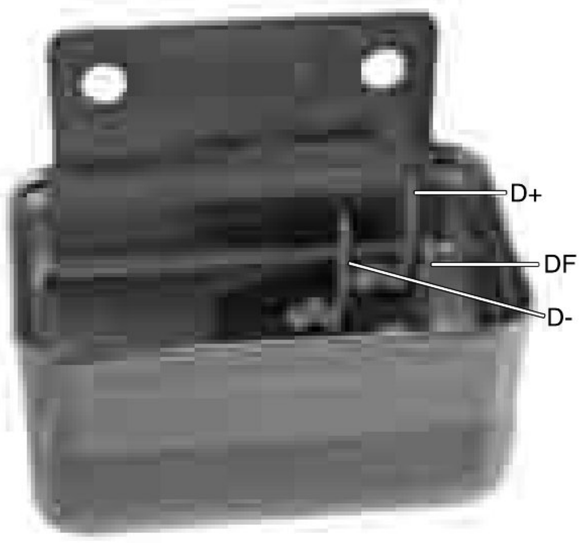
IB303A
Regulator
12 Volt, B-Circuit, 14.3 Vset

Same as IB303 except...
Features:
• Adjustable voltage



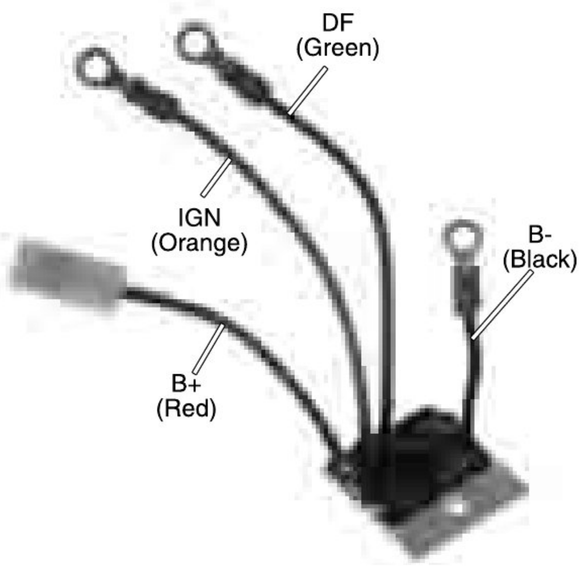
IB308
Regulator
24 Volt, B-Circuit, 28.0 Vset

For: Bosch ER/EF Alternators
Replaces: Bosch 0-190-700-001, 0-190-700-002, 0-190-700-003, 0-192-063-001;
Massey Ferguson 3227814-M91; Mercedes 002-154-29-06
Unit Nos: Bosch 0-120-400-760
Features:
• Aftermarket style housing



IB307
Regulator
24 Volt, B-Circuit, 28.3 Vset

For: Bosch ER/EF Alternators
Replaces: BMW 12-32-1-358-109; Bosch 0-190-601-016, 0-190-700-004, 0-192-062-002, 0-192-063-002;
Mercedes 002-154-28-06, 002-154-36-06;
Volvo 1214719, 248279

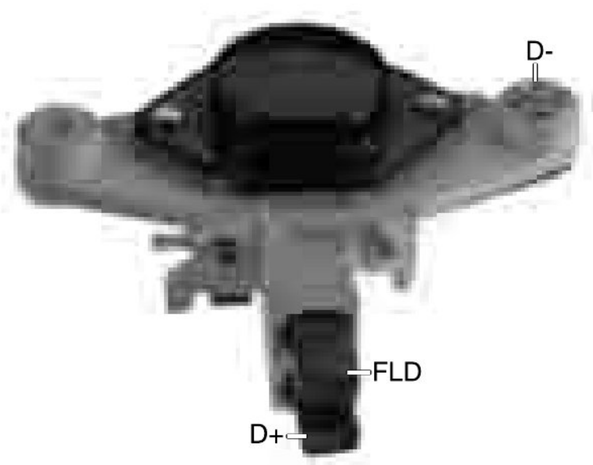


IB8315
Conversion Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Bosch 40/90A ER/EF Alternator
Used On: (1992-85) Chrysler, Dodge, Plymouth wo/ Fuel Injection
(cont'd.)

(cont'd.)
Unit Nos: Bosch 0-120-400-949, -950, -951, -952, -953; 0-120-450-011, -012, -013, -014, -016, -017, -018, -019, -020, -021, -022, -023, -024, -025
Lester Nos: 13186, 13187, 13315, 14789
WAI Ref. Nos: 1-1489-01BO; 1-1495-01BO, -02BO; 1-1496-01BO; 1-1581-01BO, -02BO; 1-2196-00BO
Note: Attach to SRE Frame to bypass defective regulator in vehicle PCM/ECU.
Caution: NOT to be used on Chrysler Vehicles with Electronic Fuel Injection.
Terminal ID: Red B+, Black B-, Green DF, Orange IGN.
Features:
• Bypasses the regulator in the computer module

Internal Regulated / External Fan



IB352-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.1 Vset

For: Bosch IR/EF Alternators
Used On: (1995-72) Audi, BMW, Chrysler, Dodge, Plymouth, Pontiac, Porsche, VW
Replaces: Alfa Romeo 116100506011, 119130506000, 119130506023, 705684800000;
BMW 12-31-1-271-664, 12-31-1-726-002;
Bosch 1-192-052-015, -016, -020, -021, -024, -025, -027, -029; 1-197-311-004, -005, -006, -010, -011, -012, -013, -021;
Deutz-Allis 93155548; Fendt X830060022010;
Fiat 60751135, 60751403, 60751439, 9938171, 9942848, 9942885, 99428884, 9950155, 9960176;
Ford 82BB-10316-AA, E5RD-10316-BA; IHC 1530372C1;
KHD 81211111; Opel 1204253, 90007041;
Porsche 928-603-153-00, 944-603-141-00, 944-603-141-01;
Seat 003899919; VW-Audi 068-903-803, B
Unit Nos: Bosch 0-120-468-001, -002, -003, -006, -070; 0-120-469-002, -003, -012, -015, -541, -542, -545, -546, -551, -552, -553, -554, -556, -558, -559, -560, -561, -566, -575, -576, -577, -578, -581, -582, -586, -587, -593, -594, -595, -598, -599, -600, -602, -603, -604, -605, -606, -607, -610, -617, -618, -619, -621, -622, -623, -624, -631, -632, -633, -635, -636, -637, -638, -639, -640, -648, -649, -650, -651, -654, -666, -674, -675, -677, -689, -690, -696, -697, -698, -699, -700, -701, -702, -703, -704, -705, -706, -707, -708, -710, -711, -712, -714, -715, -716, -717, -718, -719, -720, -721, -727, -728, -729, -732, -733, -734, -735, -737, -739, -740, -741, -742, -743, -754, -757, -758, -759, -768, -775, -776, -778, -780, -782, -783, -790, -794, -795, -804, -805, -806, -816, -817, -818, -819, -820, -821, -822, -823, -828, -830, -831, -832, -834, -835, -836, -839, -845, -846, -862, -863, -864, -865, -868, -869, -876, -877, -878, -879, -885, -886, -887, -888, -901, -902, -903, -904, -906, -907, -908, -918, -919, -967, -971, -972, -975, -998; 0-120-484-012; 0-120-488-114, -152, -183, -184, -219, -220, -221, -238, -245, -246, -247, -249, -254, -263, -264, -265, -279, -280, -976; 0-120-489-002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -028, -029, -030, -031, -036, -037, -038, -039, -040, -041, -042, -043, -044, -045, -046, -057, -058, -062, -063, -076, -077,
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-080, -081, -082, -083, -093, -094, -107, -108, -109, -110, -111, -112, -113, -114, -115, -116, -117, -120, -121, -122, -128, -129, -130, -131, -133, -134, -137, -138, -139, -141, -142, -143, -144, -152, -153, -154, -167, -170, -171, -186, -191, -195, -196, -197, -198, -199, -200, -201, -202, -203, -204, -205, -206, -207, -208, -209, -210, -211, -215, -217, -218, -220, -228, -229, -235, -236, -237, -238, -239, -246, -247, -248, -249, -250, -260, -261, -262, -282, -283, -308, -338, -349, -351, -352, -353, -365, -366, -367, -368, -369, -370, -371, -372, -373, -380, -381, -385, -386, -401, -403, -418, -419, -420, -421, -422, -423, -432, -433, -434, -436, -437, -438, -474, -486, -487, -489, -493, -494, -549, -903, -904, -909, -91, -910, -960, -961, -964, -965, -966, -967, -968, -969, -976, -980, -981, -982, -983, -986, -987, -988, -990, -991, -992, -993; 0-120-496-593, 0-886-031-501, 9-120-080-129, 9-120-143-036; 9-120-144-205, -206, -207, -216, -217, -237, -281, -282, -290, -292, -301, -305, -600, -601, -602, -603, -604, -608, -609, -612, -615, -616, -619, -620; 9-120-334-324
Lester Nos: 12048, 150; 13055, 094, 101, 102, 112, 113, 122, 129, 147, 150, 151, 152, 159, 172, 173, 191, 205, 218, 219, 236, 246, 360, 368, 369, 370, 373, 378; 14000, 057, 395, 396, 410, 412, 418, 603, 605, 765, 769, 778, 779, 782, 797, 798, 799, 803, 806, 807, 812, 813, 814, 818, 821, 825, 956, 969, 970, 971, 972, 988
WAI Ref. Nos: 1-1264-01BO, 1-1265-01BO, 1-1266-01BO, 1-1267-01BO, 1-1268-01BO, 1-1270-01BO, 1-1273-01BO, 1-1275-01BO, 1-1282-00BO, 1-1338-01BO, 1-1343-01BO, 1-1344-01BO, 1-1347-01BO, 1-1348-01BO, 1-1366-01BO, 1-1368-01BO, 1-1370-01BO, 1-1371-01BO, 1-1387-01BO, 1-1388-00BO, 1-1389-01BO, 1-1392-00BO, 1-1395-01BO, 1-1396-01BO, 1-1397-01BO, 1-1398-01BO, 1-1399-01BO, 1-1400-01BO, 1-1403-00BO, 1-1407-01BO, 1-1408-01BO, 1-1454-01BO, 1-1457-01BO, 1-1458-01BO, 1-1460-01BO, 1-1461-00BO, 1-1461-01BO, 1-1462-01BO, 1-1463-01BO, 1-1466-01BO, 1-1469-01BO, 1-1471-01BO, 1-1476-01BO, 1-1500-00BO, 1-1500-01BO, 1-1501-00BO, 1-1501-01BO, 1-1522-01BO, 1-1523-01BO, 1-1529-01BO, 1-1584-00BO, 1-1585-00BO, 1-1586-00BO, 1-1587-00BO, 1-1699-01BO, 1-1848-01BO, 1-1872-01BO
Dim: 28mm Dia. Slip Ring
Note: For adjustable voltage use IB373A-1.
Features:
• Hermetically sealed circuit
• Silver plated trio terminal

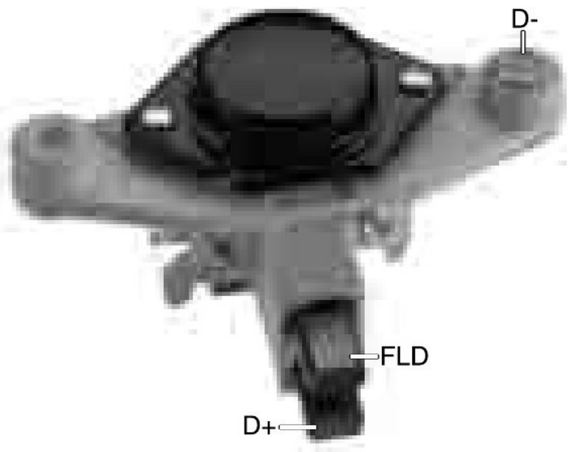
IB373A-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

Same as IB352-1 except...
Note: Adjustable voltage version of IB352-1.
Features:
• Adjustable voltage
• Aftermarket type brush holder

ALTERNATOR - REGULATORS (TRANSPO)

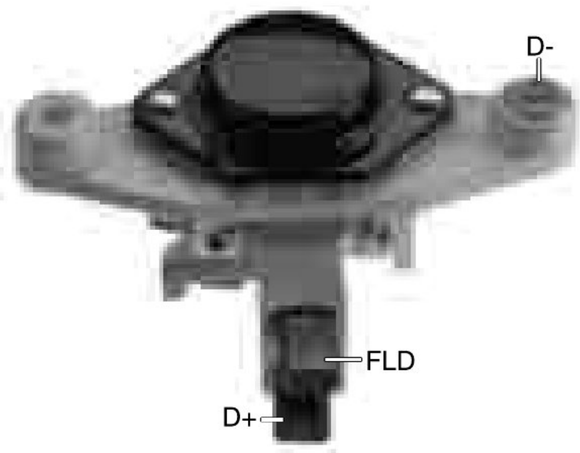
BOSCH

Internal Regulated / External Fan (cont'd.)



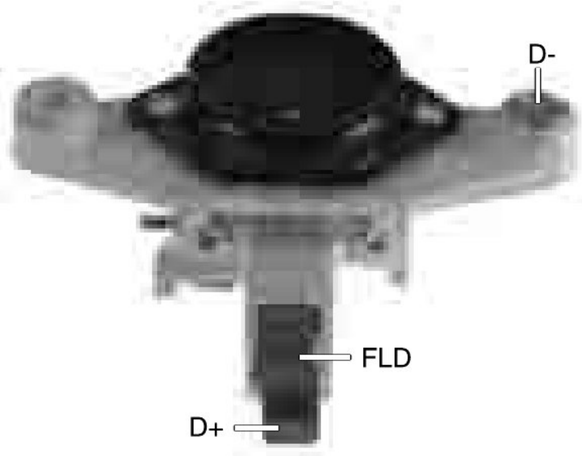
IB353-1
(Ref# 35-9104)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Bosch IR/EF Alternators
Used On: (1998-72) Alfa Romeo, Audi, BMW, Chrysler, Dodge, Fiat, Jaguar, Merkur, Plymouth, Pontiac, Porsche, VW
Replaces: BMW 12-31-1-271-664, 12-31-1-726-022, 12-31-1-735-742;
Bosch 0-192-052-024, -025, -027; 1-197-311-004, -005, -006, -010, -011, -012, -013, -021, -026, -027, -028, -037, -038, -040;
Porsche 944-603-141-00, Volvo 1323467;
VW-Audi 034-903-803, 068-903-803B
Lester Nos: 13055, 094, 101, 102, 107, 112, 113, 115, 129, 147, 150, 151, 152, 159, 172, 173, 191, 216, 218, 219, 236, 242, 246, 247, 248, 260, 268, 269, 270, 320, 360, 361, 362, 364, 365, 366, 368, 369, 370, 371, 372, 373, 374, 375, 378, 405, 469, 528, 602; 14000, 046, 057, 395, 396, 410, 412, 418, 603, 605, 765, 769, 778, 779, 782, 797, 798, 799, 803, 806, 807, 812, 813, 814, 818, 821, 822, 825, 944, 956, 969, 970, 971, 972, 988, 996, 997
Dim: 28mm Dia. Slip Ring
Note: Late style housing. For early style housing use IB357.
Components:
38-9100 Brush
Features:
- Hermetically sealed circuit
- Silver plated trio terminal



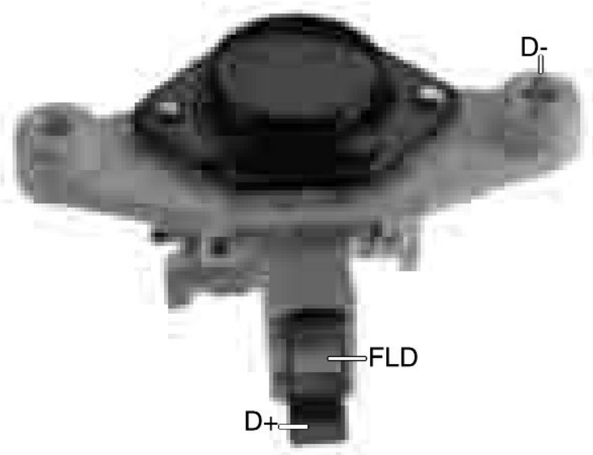
IB354-1
(Ref# 35-9103)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.1 Vset, 120 ohm Resistor

For: Bosch IR/EF Alternators
Used On: (1993-73) Audi, Mercedes, Porsche, VW, Volvo
Replaces: BMW 12-31-1-279-548, 12-32-1-271-644, 12-32-1-711-399, 1711391;
Bosch 1-197-311-003, -007, -009, -023, -800; 2-197-311-008, -022, -023;
Mercedes 002-154-41-06, 002-154-51-06, 002-154-72-06;
Saab 85-59-619, 85-71-846; Volvo 1324617, 35237106;
VW-Audi 068-903-803A, D
Unit Nos: Bosch 0-120-468-011, -012; 0-120-469-543, -544, -547, -548, -555, -557, -583, -584, -641, -664, -665, -667, -669, -694, -695, -745, -784, -785, -793, -883, -927; 0-120-488-126; 0-120-489-024, -064, -078, -079, -149, -150, -162, -168, -184, -232, -233, -234, -242, -243, -274, -275, -276, -294, -298, -299, -300, -301, -302, -321, -322, -328, -330, -354, -355, -356, -357, -359, -397, -398, -917, -918, -928, -930, -932, -933, -935, -936, -970, -971, -972, -973, -974, -975, -977, -978, -979, -989; 9-120-144-269, -270, -279, -280, -287, -288
Lester Nos: 13023, 13056, 13122, 13129, 13153, 13154, 13243, 13244, 13367, 13603, 13604, 14059, 14412, 14418, 14603, 14785, 14791, 14820, 14824, 14966
WAI Ref. Nos: 1-1282-00BO, 1-1283-35BO, 1-1283-41BO, 1-1283-45BO, 1-1292-02BO, 1-1296-01BO, 1-1297-01BO, 1-1301-01BO, 1-1302-01BO, 1-1352-01BO, 1-1353-31BO, 1-1353-32BO, 1-1353-41BO, 1-1355-01BO, 1-1358-01BO, 1-1367-01BO, 1-1392-00BO, 1-1457-01BO, 1-1458-01BO, 1-1852-01BO
Dim: 28mm Dia. Slip Ring
Note: For aftermarket style brush holder & adjustable voltage use IB372A-1.
Components:
38-9100 Brush
Features:
- Hermetically sealed circuit
- Silver plated trio terminal



IB372A-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset, 120 ohm Resistor

Same as IB354-1 except...
Features:
- Adjustable voltage
- Aftermarket type brush holder



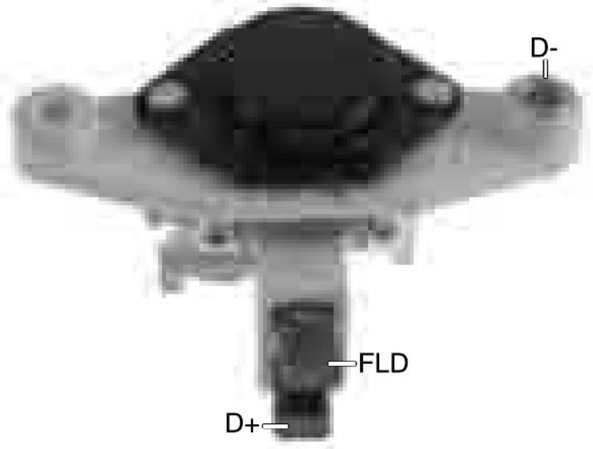
IB355-1

(Ref# 35-9103)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.5 Vset, 120 ohm Resistor

For: Bosch IR/EF Alternators
Used On: (1995-73) Audi, Hyundai, Mercedes, Mitsubishi, Peugeot, Porsche, Saab, VW, Volvo
Replaces: Bosch 1-197-311-003, -007, -008, -009, -022, -023, -035, -800; Saab 85-90-549, Volvo 3523710
Unit Nos: Bosch 0-120-468-009 to -012, -015, -016, -035, -036, -045, -046, -059; 0-120-469-543, -544, -547, -548, -555, -557, -563, -564, -567, -568, -583, -584, -588, -589, -608, -609, -611, -620, -628, -642, -644, -645, -664, -665, -668, -669, -670, -680 to -685, -744, -745, -746, -785, -786, -787, -793, -811, -812, -881, -882, -883, -896, -897, -927, -928, -935, -943, -945, -946, -947, -948, -992, -993; 0-120-488-120 to -122; 0-120-489-025, -026, -061, -064, -065, -066, -069, -070, -078, -079, -149, -150, -183, -184, -189, -190, -232, -233, -234, -242, -243, -253, -254, -258, -259, -274, -275, -286, -296, -310, -311, -323 to -328, -330, -354 to -358, -395, -396, -404, -405, -451, -452, -466, -881, -882, -917, -918, -928, -930, -932, -933, -935, -936, -971, -972, -974, -975, -997
Lester Nos: 13023, 056, 119, 122, 129, 153, 154, 156, 235, 243, 244, 281, 291, 363, 367, 379, 603, 604, 607; 14059, 392, 412, 418, 420, 421, 595, 603, 783, 784, 785, 791, 802, 820, 824, 876, 964, 965, 966
Dim: 28mm Dia. Slip Ring
Features:
- Hermetically sealed circuit
- Silver plated trio terminal

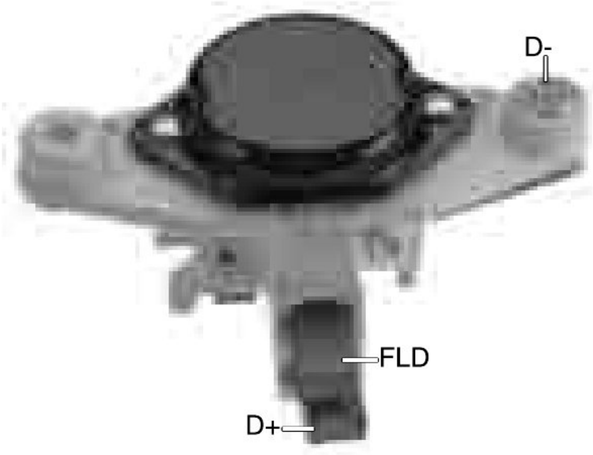


IB356-1

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.8 Vset, 120 ohm Resistor

For: Bosch IR/EF Alternators
Used On: Citroen, Peugeot
Replaces: Bosch 1-197-311-018, 1-197-311-039; Citroen 576182, 576184, 95658588, 95661777
Unit Nos: Bosch 0-120-488-214, 0-120-488-215, 0-120-489-467, 0-120-489-476
Dim: 28mm Dia. Slip Ring
Features:
- Hermetically sealed circuit
- Silver plated trio terminal
- Brass terminals



IB348-1

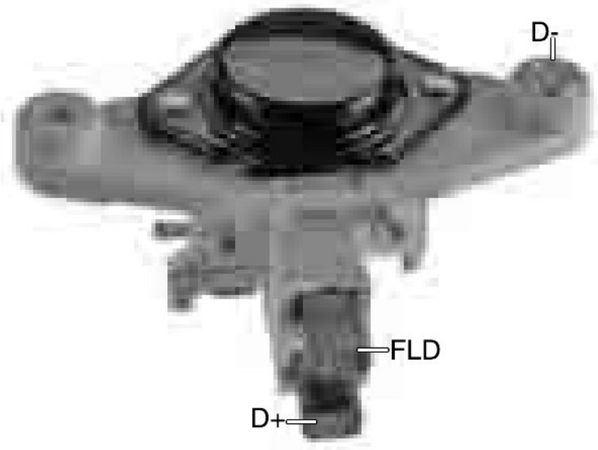
Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 15.0 Vset

For: Bosch IR/EF Alternators
Used On: (1989-72) Alfa Romeo, AMC, Audi, Deutz, Fiat, Ford, Iveco, John Deere, Lancia, Mercedes, Mercury, Porsche, Same, VW, Volvo, Volvo White-GMC
Replaces: Bosch 0-192-052-003, -018; 1-197-311-000, -001, -002, -090; 2-197-311-090,
Unit Nos: Bosch 0-120-339-503, -504, -505, -506, -509, -510, -511, -512, -513, -514, -515, -516, -517, -518, -519, -520, -521, -522, -523, -531, -532, -533, -534, -535, -536, -539, -542, -543, -544, -545, -546; 0-120-450-009; 0-120-469-500, -501, -502, -503, -504, -505, -506, -507, -511, -512, -513, -514, -515, -517, -524, -525, -528, -530, -531, -533, -534, -535, -537, -538, -539, -570, -573, -574, -590, -591; 0-120-489-001, -019, -020, -021, -047, -048, -049, -050, -051, -052, -054, -074, -075, -500, -502, -506, -507, -508, -509, -510, -511, -512, -513, -514, -520, -522, -526, -527, -533, -535, -536, -538, -541, -542, -545, -546, -547, -548, -551, -557, -558, -559, -560, -561, -562, -567, -568, -569, -570, -572, -574, -576, -578, -580, -581, -586, -589, -592, -593, -594, -595, -599, -600, -601, -603, -604, -605, -606, -607, -609, -611, -613, -614, -616, -617, -618, -619, -623, -624, -625, -626, -631, -632, -633, -634, -635, -636, -644, -645, -646, -647, -648, -653, -654, -656, -659, -664, -665, -666, -667, -668, -669, -670, -671, -673, -676, -678, -679, -681, -687, -691, -692, -698, -699, -700, -701, -705, -706, -713, -714, -715, -716, -717, -718, -719, -720, -721, -722, -732, -738, -739, -741, -743, -744, -745, -746, -747, -748, -749, -752, -753, -755, -756, -758, -759, -760, -761, -762, -763, -765, -766, -767, -768, -769, -770, -771, -772, -773, -774, -776, -777, -778, -780, -781, -782, -783, -785, -786, -787, -788, -797, -798, -799, -800, -801, -802, -803, -804, -805, -806, -809, -810, -811, -812, -813, -815, -817, -820, -821, -823, -824, -825, -828, -829, -833, -837, -838, -839, -840, -841, -842, -843, -844, -846, -847, -848, -849, -850, -851, -852, -853, -854, -855, -856, -857, -858, -859, -861, -862, -863, -864, -865, -866, -868, -869, -870, -871, -872, -873, -878, -880, -887, -892, -893, -894, -895, -896, -899, -913, -914, -915, -916, -919, -921, -922, -924, -937, -938, -939, -940, -942, -943, -947, -948, -949, -950, -951, -952
Lester Nos: 12029, 030; 13054, 055, 056, 093, 094, 101, 107, 108, 109, 112, 113, 115, 116, 119, 122, 129, 7, 150, 152, 153, 156, 159, 161, 172, 194, 203, 204, 206, 207; 14000, 046, 048, 049, 057, 059, 395, 410, 412, 595, 605, 769, 779, 782, 791, 949, 966
Dim: 32mm Dia. Slip Ring
Note: 15.0 Vset,
For 14.1 Vset use IB350-1.
For 14.5 Vset use IB351-1 or IB370-1.
For adjustable voltage use IB370A-1
Features:
- Brass terminals
- Silver plated trio terminal

BOSCH

Internal Regulated / External Fan (cont'd.)



IB350-1
(Ref# 35-9102)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.1 Vset

Same as IB348-1 except...
Note: 14.1 Vset
Features:
- Silver plated trio terminal
- Hermetically sealed circuit

IB351-1
(Ref# 35-9102)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

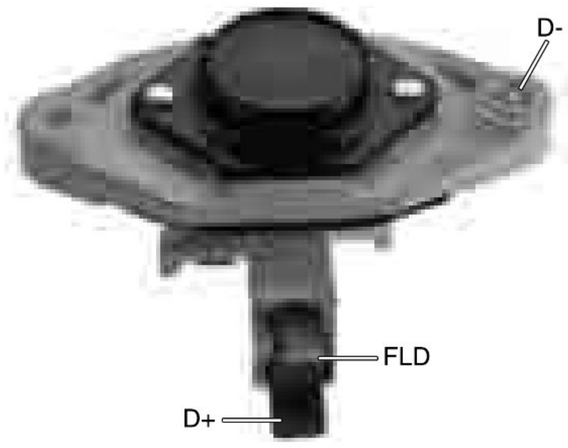
Same as IB348-1 except...
Note: 14.5 Vset
Features:
- Brass terminals
- Silver plated trio terminal
- Hermetically sealed circuit

IB370-1
(Ref# 35-9102)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

Same as IB348-1 except...
Note: 14.5 Vset
Features:
- Aftermarket style brush holder
- Hermetically sealed circuit

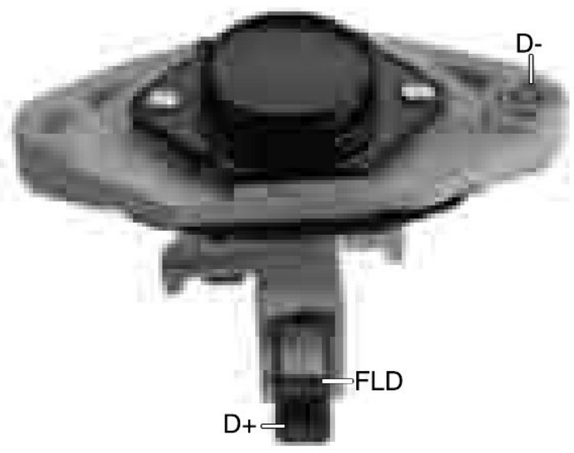
IB370A-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

Same as IB348-1 except...
Note: 14.5 Vset
Features:
- Adjustable voltage



IB360-1
(Ref# 35-9117)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.1 Vset

For: Bosch IR/EF Alternators
Used On: Audi, John Deere, Mercedes Benz Truck, Volvo-White GMC Truck
Replaces: Bosch 0-192-052-033, 0-192-053-032, 1-197-311-029, -030, -031, -034, -043; 2-197-311-029; 9-190-087-016, -020, -023, -028, -034
Unit Nos: Bosch 0-120-468-155; 0-120-469-013, 0-120-469-028, -029, -522, -526, -540, -687, -722, -736, -749, -774, -889, -895; 0-120-488-209, -282, -286; 0-120-489-022, -027, -156, -315, -376, -382, -383, -425, -435, -441, -445, -499, -704, -710; 6-003-3G3-030B, 6-033-GB3-030; 9-120-080-112, -113, -136, -140, -141, -142, -143, -145, -148, -149, -154, -158, -159, -160, -166, -176, -177, -182, -183, -184, -199, -200, -201, -202, -218; F-000-LD0-105 -106
Lester Nos: 12160, 12164, 12220, 13193, 13198, 13207, 14390, 14391, 14396, 14410, 14818, 14970, 14972
WAI Ref. Nos: 1-1387-01BO, 1-1388-00BO, 1-1399-01BO, 1-1400-01BO, 1-1469-01BO, 1-1998-01BO
Dim: 28mm Dia. Slip Ring
Note: With gasket. For 32mm slip ring version use IB368-1.
Components:
38-9100 Brush
Features:
- Brass terminals
- Hermetically sealed circuit
- Silver plated trio terminal



IB362-1
(Ref# 35-9118)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.0 Vset

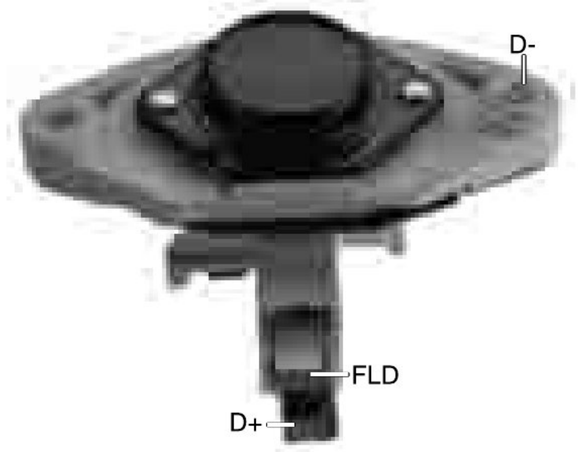
For: Bosch IR/EF Alternators
Used On: Atlas Copco, Caterpillar, Fuchs, IHC, Iveco, KHD, Liebherr, Mercedes
Replaces: Bosch 1-197-311-300, -301, -306, -307
Unit Nos: Bosch 0-120-468-053, -054, -107, -113, -115, -136, -137; 0-120-469-001, -008, -019, -025, -032, -039, -115, -116, -518, -562, -652, -686, -692, -761, -772, -797, -807, -856, -857, -884, -891, -982; 0-120-488-153, -208, -224, -256, -268, -269, -271, -273, -277, -278, -289, -291; 0-120-489-226, -227, -316, -388, -707, -728, -730, -731, -827, -886, -944; 9-120-144-112, -113, -115, -116, -117, -119, -120, -122, -123, -127, -129, -131, -132; 9-120-334-136, -137, -139
(cont'd.)

(cont'd.)
Lester Nos: 12031, 12149, 12157, 12167, 12217, 12218, 12219, 12375
Dim: 28mm Dia. Slip Ring
Components:
38-9100 Brush
Features:
- Brass terminals
- Hermetically sealed circuit
- Silver plated trio terminal



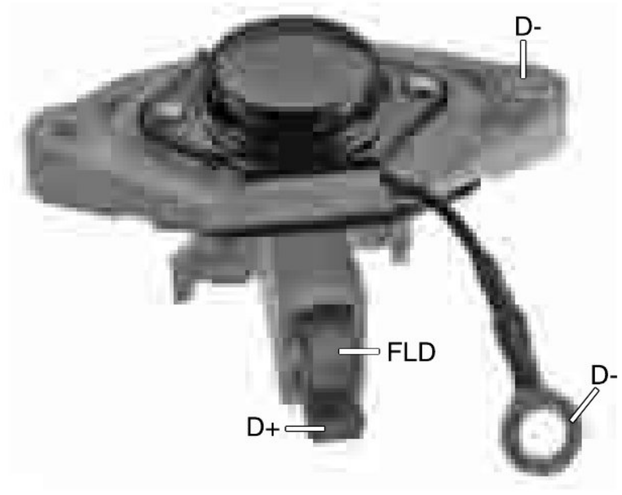
IB363-1
(Ref# 35-9129)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.5 Vset

For: Bosch IR/EF Alternators
Replaces: Bosch 1-197-311-304, Mercedes 002-154-84-06, Renault 5001-831-960, Scania 117253, Volvo 1625880
Unit Nos: Bosch 0-120-468-065, -066, -093, -114, -131, -135; 0-120-469-010, -022, -023, -026, -027, -031, -105, -549, -569, -634, -643, -679, -798, -978, -999; 0-120-489-192, -303, -643
Lester Nos: 12135, 12293
WAI Ref. Nos: 1-1949-01BO
Dim: 28mm Dia. Slip Ring
Note: For early design use IB380.
Features:
- Brass terminals
- Hermetically sealed circuit
- Silver plated trio terminal



IB364-1
(Ref# 35-9130)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 29.0 Vset

For: Bosch IR/EF Alternators
Replaces: Bosch 1-197-311-309
Dim: 28mm Dia. Slip Ring



IB365-1
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.5 Vset

For: Bosch IR/EF Alternators
Used On: DAF, Scania
Replaces: Bosch 0-192-035-020, 0-192-053-015, 1-197-311-308, 1-197-311-312, 1-197-311-327
Unit Nos: Bosch 0-120-468-132; 0-120-469-024, -036, -037, -693, -952, -963, -983; DAF 126735; KHD 1177464; Mercedes 007-154-81-02
Dim: 28mm Dia. Slip Ring
Features:
- Hermetically sealed circuit
- Silver plated trio terminal
- Brass terminals



IB366-1
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.5 Vset

For: Bosch IR/EF Alternators
Used On: Iveco, Mercedes Trucks
Replaces: Bosch 1-197-311-323, 6-033-RD0-002; KHD 1180407, Mercedes 000-154-13-06
Unit Nos: Bosch 0-120-469-102; 6-033-GB3-019, -023; KHD, 1180302; Mercedes, 010-154-91-02, 010-154-92-02
Dim: 28mm Dia. Slip Ring
Features:
- Hermetically sealed circuit
- Silver plated trio terminal
- OE type brush holder

ALTERNATOR - REGULATORS (TRANSPO)

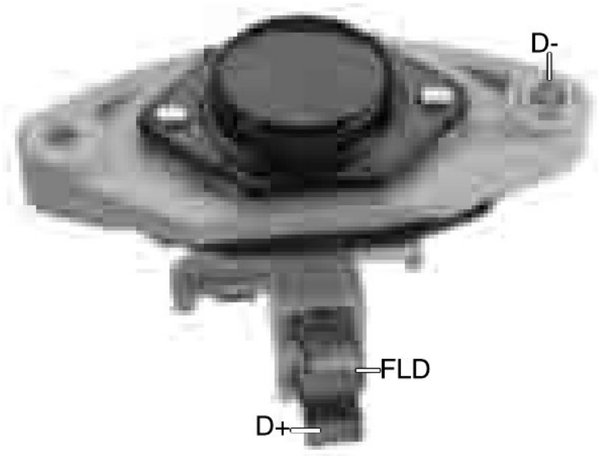
BOSCH

Internal Regulated / External Fan (cont'd.)



IB368-1
(Ref# 35-9117)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.1 Vset

For: Bosch IR/EF Alternators
Used On: Case, John Deere, Thermo King
Replaces: Bosch 0-192-052-035, 1-197-311-032, 1-197-311-033, 1-197-311-045
Unit Nos: Bosch 0-120-484-001, -002, -003, -011, -016, -017, -020, -026; 0-120-488-134, -138, -185, -205, -217, -218, -233, -267, -270, -290, -293
Lester Nos: 12145, 12151, 12161, 12168, 12169, 13195, 13199, 14394
WAI Ref. Nos: 1-2237-00BO, 1-2344-00BO, 1-2435-01BO
Dim: 32mm Dia. Slip Ring
Note: With gasket. For 28mm slip ring version use IB360-1.
Components:
38-9100 Brush
Features:
- Brass terminals
- Hermetically sealed circuit
- Silver plated trio terminal



IB369-1
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.0 Vset

For: Bosch IR/EF Alternators
Used On: Case, John Deere, Komatsu
Replaces: Bosch 1-197-311-310, 1-197-311-313
Unit Nos: Bosch 0-120-488-206, -283, -294; Case AR187916; Cummins 3284392, 3920678; John Deere AT161324
Lester Nos: 12148
WAI Ref. Nos: 1-2518-41BO
Dim: 32mm Dia. Slip Ring
Features:
- Hermetically sealed circuit
- Silver plated trio terminal
- OE type brush holder



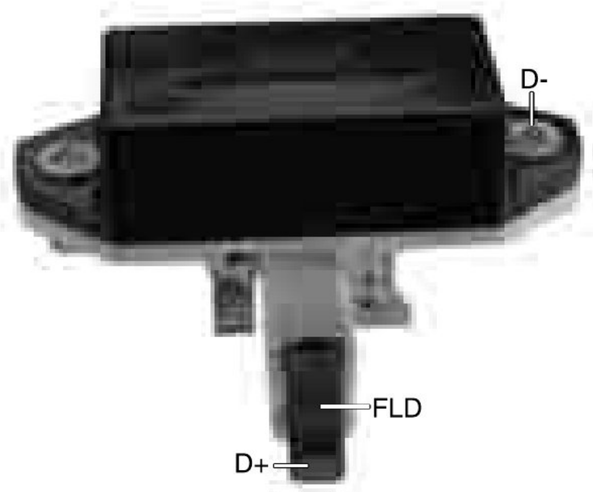
IB357
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Bosch IR/EF Alternators
Replaces: Bosch 0-192-052-024, 0-192-052-025, 0-192-052-027; Volvo 1323467
Dim: 28mm Dia. Slip Ring
Note: Early-style housing. For later style housing use IB353-1. For 1-wire, self-exciting version use IB357SE12.



IB357SE12
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.8 Vset, Self Exciting

Same as IB357 except...
Note: 1-wire, self-exciting version of IB357.
Can be used to convert Bosch alternators for use on Delco 10DN, 10SI farm & industrial applications.
For super-quick turn on, use with D7022QS12 Universal Quick Start Exciter.
Features:
- Self-exciting
- For 1-wire charging systems



IB374-1
(Ref# 35-9106)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 27.5 Vset

For: Bosch IR/EF Alternators
Used On: Fiat-Allis, KHD, Liebherr, Mercedes Benz, Same, Volvo/DAF
Replaces: Bosch 0-192-053-005, -006, -011, -013, -017; Mercedes 002-154-38-06, 002-154-76-06; Volvo 244426, 9600908
Unit Nos: Bosch 0-120-469-518, -520, -521, -549, -585; 0-120-489-410, -727
Lester Nos: 12134, 12294
Dim: 28mm Dia. Slip Ring
Note: For 1-wire, self-exciting version use IB374SE24
Components:
38-9100 Brush



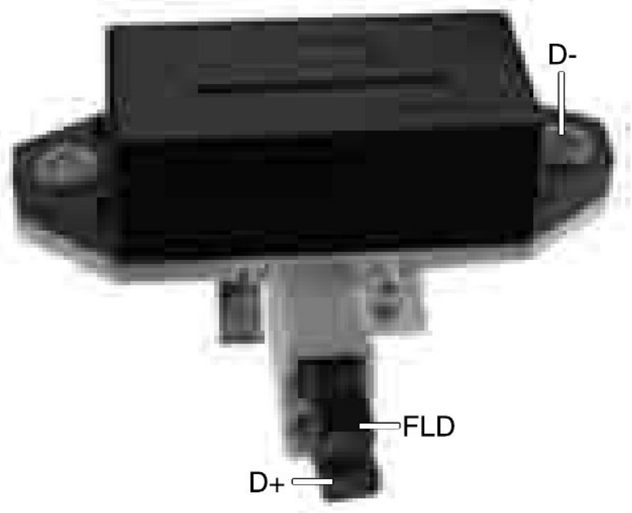
IB374SE24
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 27.9 Vset, Self Exciting

Same as IB374-1 except...
Note: 1-wire, self-exciting version of IB374-1.
Can be used to convert Bosch cores for Delco 10DN, 10SI farm & industrial applications.
Features:
- Self-exciting
- For 1-wire charging systems



IB375-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Bosch IR/EF Alternators
Used On: Holden (Australia)
Replaces: Bosch 9-190-067-001, -003, -005, -011; Ford XD-10316-A; Holden VS-123-81
Unit Nos: Bosch 0-120-484-035, 9-120-060-910
Dim: 28mm Dia. Slip Ring



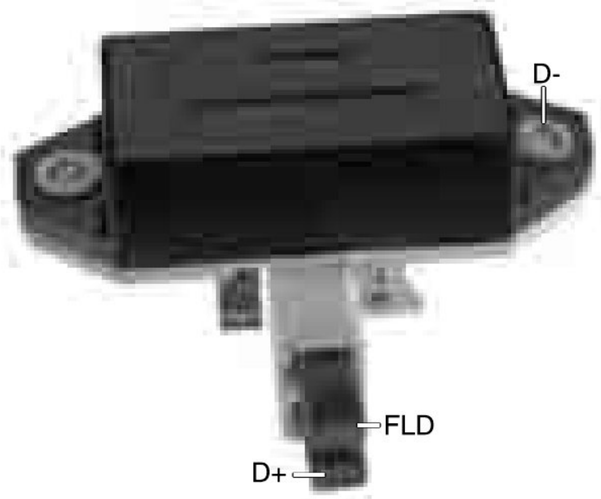
IB378-1
(Ref# 35-9107)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Bosch IR/EF Alternators
Used On: (1980-79) Saab; Case IH, Scania Truck, Volvo Truck
Replaces: Bosch 0-192-052-015, -016, -020, -021, -029, -034, -035; 0-192-082-029; IHC 3079412-R91; John Deere AL30420, AL35999; KHD 1308784, Mercedes 002-154-37-06, Saab 85-59-585, Volvo 244489
Unit Nos: Bosch 0-120-468-028; 0-120-469-522, -532, -762; 0-120-484-002, -003, -016; 0-120-488-217, -267; 0-120-489-317, -387, -658, -708, -709, -729, -736, -737
Lester Nos: 12131, 13119, 13129, 13156, 14595
WAI Ref. Nos: 1-1281-01BO, 1-1282-00BO, 1-2045-01BO
Dim: 28mm Dia. Slip Ring
Components:
38-9100 Brush

ALTERNATOR - REGULATORS (TRANSPO)

BOSCH

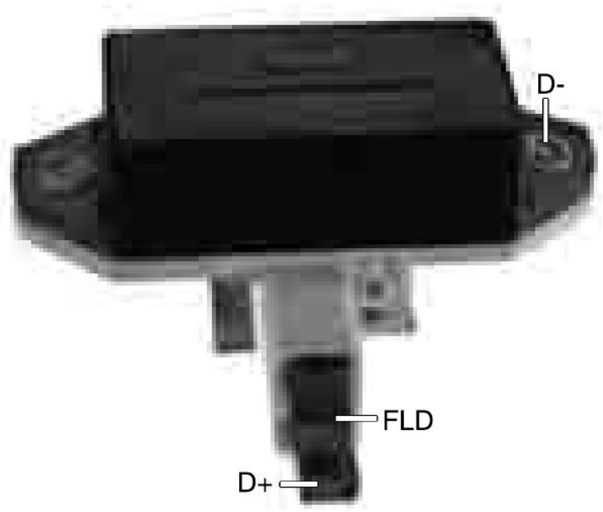
Internal Regulated / External Fan (cont'd.)



IB379-1

Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.3 Vset

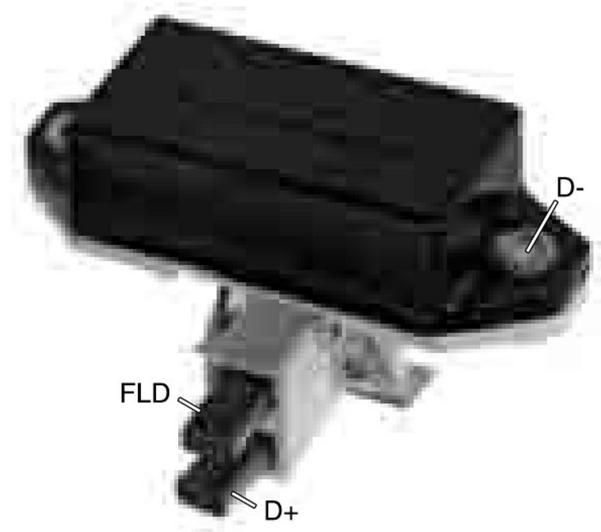
For: Bosch IR/EF Alternators
Used On: Fiat-Allis, KHD, Liebherr, Mercedes Benz, Same, Volvo/DAF
Replaces: Bosch 0-192-053-005, -006, -011, -013, -017; Mercedes 002-154-38-06, 002-154-76-06; Volvo 244426, 9600908
Unit Nos: Bosch 0-120-469-518, -520, -521, -549, -585; 0-120-489-410, -727
Lester Nos: 12134, 12294
Dim: 28mm Dia. Slip Ring
Components:
38-9100 Brush



IB380

Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.8 Vset

For: Bosch IR/EF Alternators
Replaces: Bosch 0-192-053-019, Scania 362645, Volvo 1606935
Unit Nos: Bosch 0-120-469-523, 0-120-469-798, 0-120-469-807
Dim: 28mm Dia. Slip Ring
Note: For later design use IB363-1.

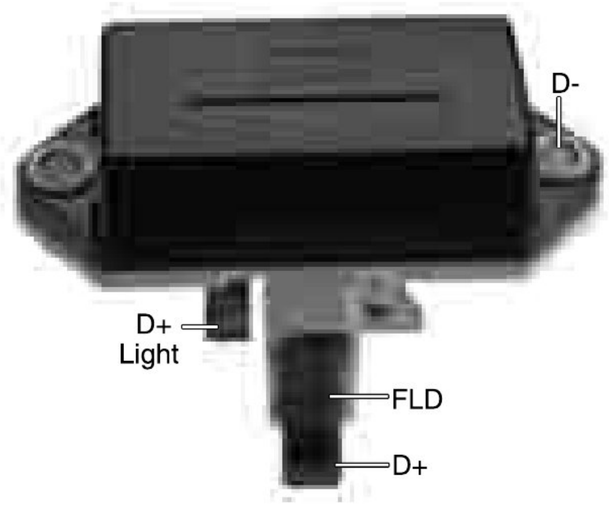


IB358-1

(Ref# 35-9100)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

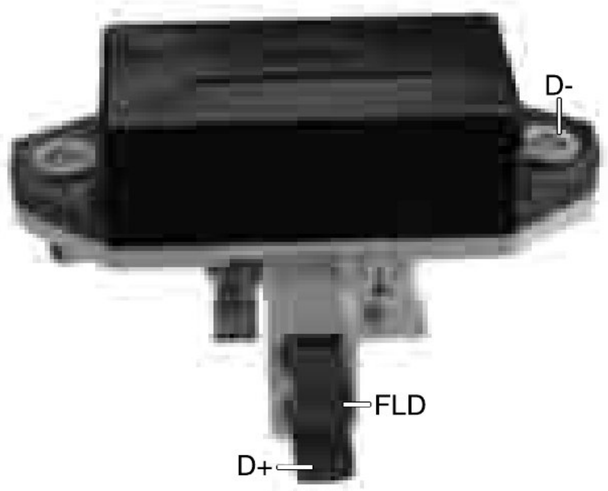
For: Bosch IR/EF Alternators
Used On: (1982-73) AMC, Audi, BMW, Fiat, Lancia, Mercedes, Mercury, VW
Replaces: Bosch 0-192-052-001, -002, -004, -005, -006, -008, -011, -012, -013, -014, -017, -019, -022, -026, -028, -031; Mercedes 002-154-06-06, 002-154-18-06, 002-154-25-06; VW-Audi 028-903-803A; 052-903-803, -803B, -803C
Unit Nos: Bosch 0-120-339-527, -528; 0-120-489-309, -475, -501, -519, -521, -523, -532, -534, -544, -550, -556, -582, -587, -588, -590, -602, -608, -610, -615, -620, -621, -622, -627, -628, -629, -630, -641, -642, -649, -650, -651, -652, -655, -657, -660, -683, -685, -686, -687, -688, -711, -712, -735, -742, -751, -775, -818, -819, -822, -826, -830, -832, -834, -835, -860, -867, -874, -875, -876, -877, -897, -898
Lester Nos: 13054, 13055, 13056, 13094, 13101, 13102, 13108, 13109, 13112, 13113, 13115, 13116, 13129, 13147, 13151, 13152, 13153, 13154, 13159, 13172, 13236, 14057, 14395, 14769
Dim: 32mm Dia. Slip Ring
Note: For late thin design use IB351-1
Components:
38-9102 Brush



IB371-1

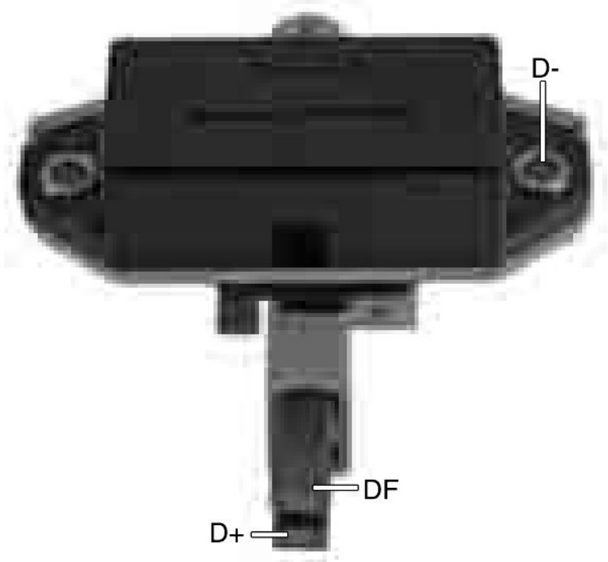
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset

For: Bosch IR/EF Alternators
Used On: (1979-75) VW
Replaces: Bosch 0-192-052-007, VW 043-903-803F
Unit Nos: Bosch 0-120-489-565, -566; VW-Audi 040-903-023, A; 043-903-023C
Lester Nos: 13080
WAI Ref. Nos: 1-1386-01BO
Dim: 32mm Dia. Slip Ring
Note: D+ light connection



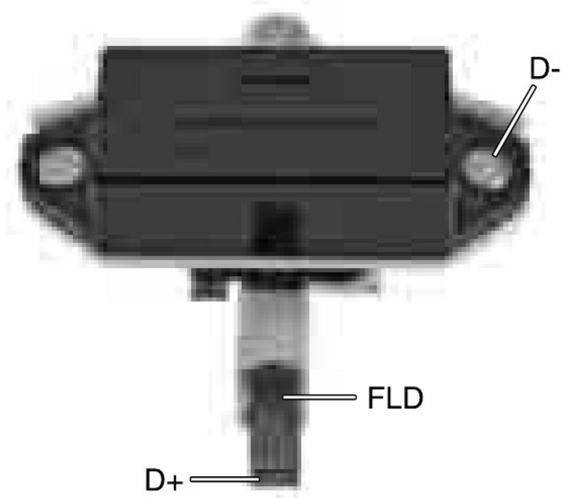
IB376-1
(Ref# 35-9101)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 27.5 Vset

For: Bosch IR/EF Alternators
Replaces: Bosch 0-192-052-010, 0-192-053-001, -002, -004, -007, -008, -027; 1-197-311-317
Unit Nos: Bosch 0-120-339-537, -538; 0-120-469-509; 0-120-489-481, -583, -584, -612, -638, -639, -640, -661, -682, -792, -793, -794, -795, -796; 0-986-031-251; 9-120-144-100, -101, -102, -103, -104, -105, -106, -107, -109, -110, -405
Lester Nos: 12134, 12147, 13080, 13129
WAI Ref. Nos: 1-1386-01BO
Dim: 32mm Dia. Slip Ring



IB316
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.5 Vset

For: Bosch IR/EF Alternators
Used On: Renault Agora Bus
Replaces: Bosch 1-197-311-316
Unit Nos: Bosch 0-120-689-552, -562, -566, -572, -573, -574, -575, -582, -583, -585; Renault 5010-390-082
Lester Nos: 12377
Dim: 32mm Dia. Slip Ring
Note: Early-style housing fits late applications.



IB381
(Ref# 35-9119)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.1 Vset

For: Bosch IR/EF Alternators
Used On: MAN Bus, Mercedes
Replaces: Bosch 0-192-053-003, -009, -012, -014, -025; 1-197-311-315, 9-190-457-001; Iveco 93194810; KHD 1180441, 1320082, 1320381, 8122275; MAN 81-25601-6015, -6021, -6025, -6030; Mercedes 000-154-96-06, 002-154-35-06, 002-154-55-06, 002-154-56-06, 002-154-68-06, 002-154-73-06, 002-154-96-02, 002-154-96-06; Renault 5000-820-869, 5001-830-093, 5001-831-925; Scania 1386966; Volvo 1698764, 67115; VW-Audi 2RP-903-803
Unit Nos: Bosch 0-120-489-503, 0-120-623-052; 0-120-689-502, -503, -504, -505, -506, -507, -508, -510, -511, -512, -513, -514, -515, -516, -517, -520, -521, -522, -523, -525, -526, -527, -528, -530, -532, -535, -540, -541, -542, -543, -546, -548, -549, -551
Lester Nos: 12376
Dim: 28mm Dia. Slip Ring
Note: 28.1 Vset. For 28.8 Vset version use IB382.

IB382
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.8 Vset

Same as IB381 except...
Note: 28.8 Vset. Use with lead-gel battery.



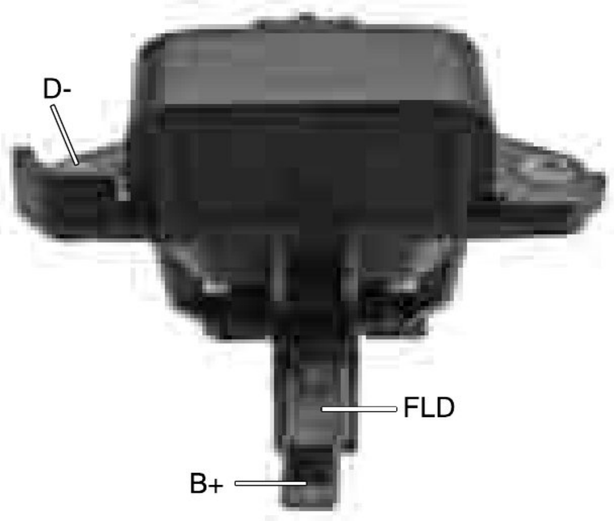
IB386
(Ref# 35-9131)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.0 Vset

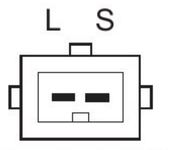
For: Bosch IR/EF Alternators
Used On: Iveco, Man, Scania Autobus
Replaces: Bosch 0-192-053-021, 1-197-311-319, 1-197-311-320, 9-190-457-003
Unit Nos: Bosch 0-120-689-531, 538, 545, 550, 557
Dim: 28mm Dia. Slip Ring

ALTERNATOR - REGULATORS (TRANSPO)

BOSCH

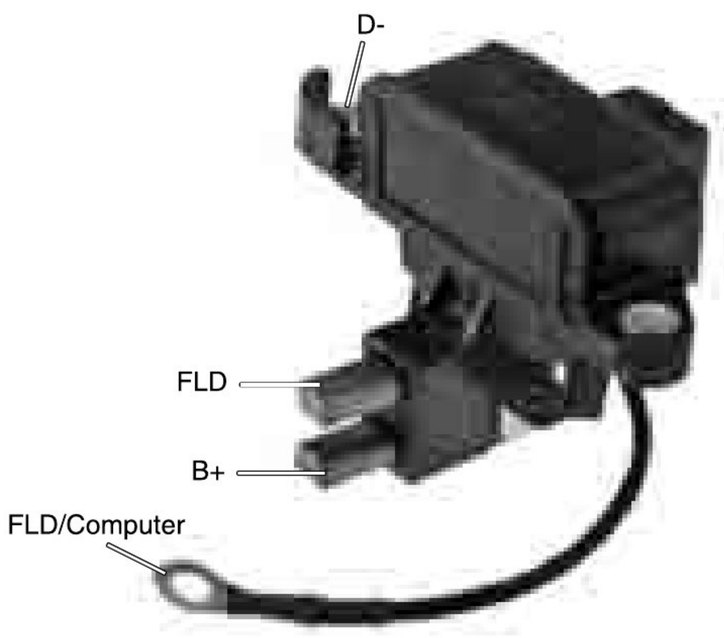
Internal Regulated / External Fan (cont'd.)

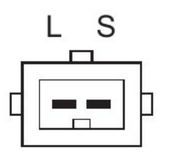




IB391
(Ref# 35-9112)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, L-S Terminals, 14.4 Vset

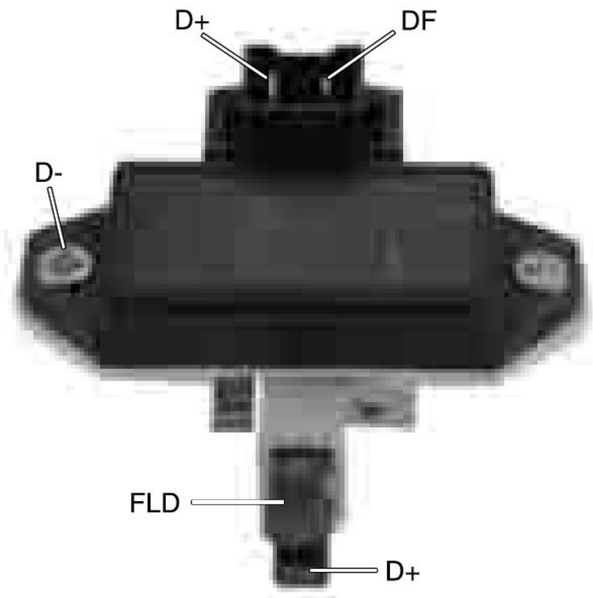
For: Bosch IR/EF Alternators
Used On: (1991) Mercury Capri; Thermo King, Holden Commodore
Replaces: Bosch 9-190-067-016, Ford E9JY-10316-A, GRE-802
Unit Nos: Bosch 9-120-060-020
Lester Nos: 13300
WAI Ref. Nos: 1-1170-01BO
Dim: 28mm Dia. Slip Ring
Components:
38-9100 Brush
Features:
• Soft start





IB392
(Ref# 35-9115)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, L-S Terminals, 14.4 Vset

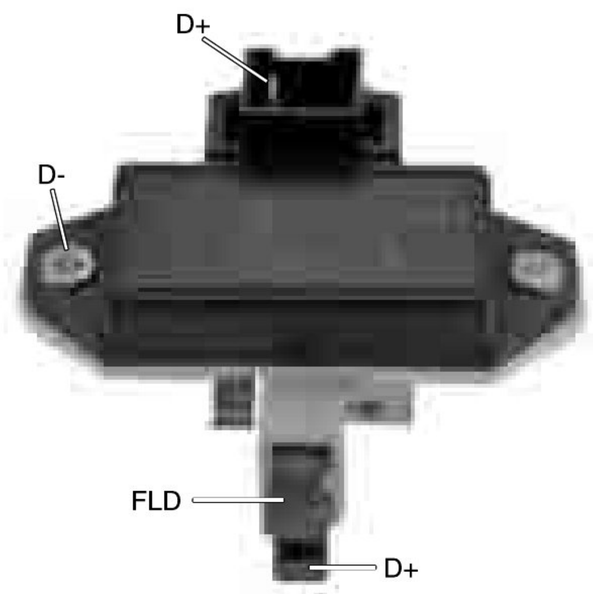
For: Bosch IR/EF Alternators
Used On: Thermo King
Replaces: Bosch 9-190-067-018, Thermo King 44-9143
Unit Nos: Bosch 9-120-060-023, -027
Dim: 28mm Dia. Slip Ring





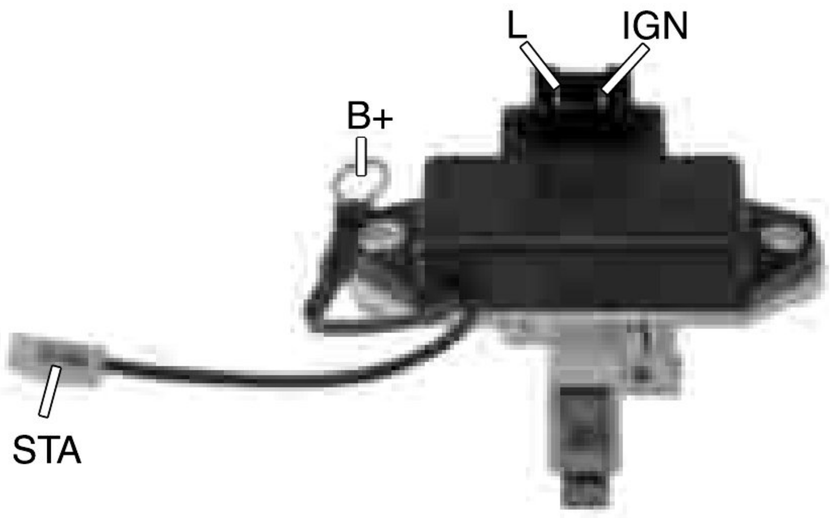
IB397-1
(Ref# 35-9124)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset

For: Bosch IR/EF Alternators
Used On: Talbot
Replaces: Bosch 0-192-052-023, Lucas 21221427, Peugeot 576172, Talbot 43269200
Unit Nos: Bosch 0-120-489-059, -999; 9-120-144-219, -220, -232, -233



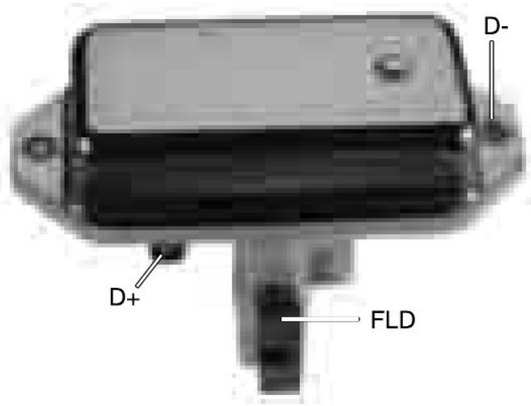
IB398
(Ref# 35-9125)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset

For: Bosch IR/EF Alternators
Replaces: Bosch 0-192-052-030
Unit Nos: Bosch 9-120-144-231
Dim: 28mm Dia. Slip Ring



IB399-1
(Ref# 35-9126)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Bosch IR/EF Alternators
Used On: Renault
Replaces: Bosch 9-191-337-302, -306, -307
Unit Nos: Bosch 9-120-144-257, -258, -260, -262, -267, -268, -272, -274, -276, -278, -284, -286, -298, -303
Dim: 28mm Dia. Slip Ring



IB400
(Ref# 35-9113)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.3 Vset

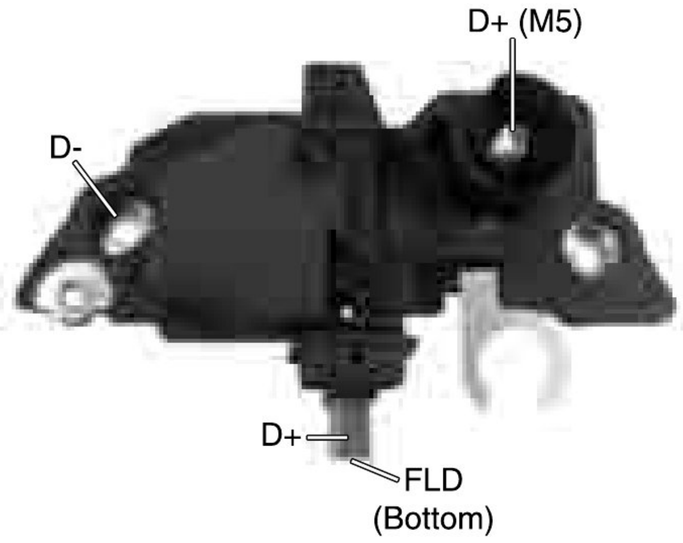
For: Bosch / Wapsa IR/EF Alternators
Used On: Case, Cummins, Kenworth, Peterbilt
Replaces: Bosch 9-190-457-002
Unit Nos: Bosch 9-120-450-014, -137



IB359
(Ref# 35-9127)
Regulator
12 Volt, A-Circuit, 14.2 Vset

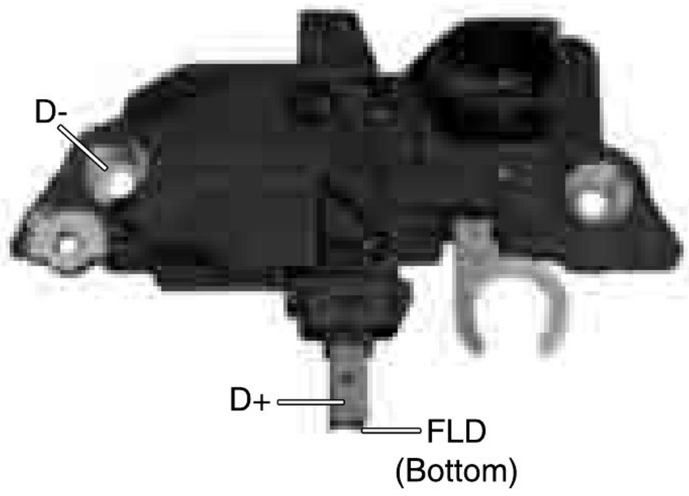
For: Bosch IR/EF Alternators
Used On: VW
Replaces: Bosch 9-121-080-303, 9-190-087-003; VW-Audi 040-903-8031
Unit Nos: Bosch 9-120-080-061, 9-120-080-072, 9-120-080-090, 9-120-080-122
Lester Nos: 13080

Internal Regulated / Internal Fan



IB220
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset, w/ LRC

For: Bosch IR/IF Alternators
Used On: Fiat (Europe)
Replaces: Bosch F-00M-145-220
Unit Nos: Bosch 0-124-215-001, -002, -003, -004, -005; 0-124-225-016, -026, -027; 0-124-325-009, -028, -048, -058; 0-124-415-011, -012, -015
Dim: M5 x 0.8 D+ Terminal
Features:
- Soft start



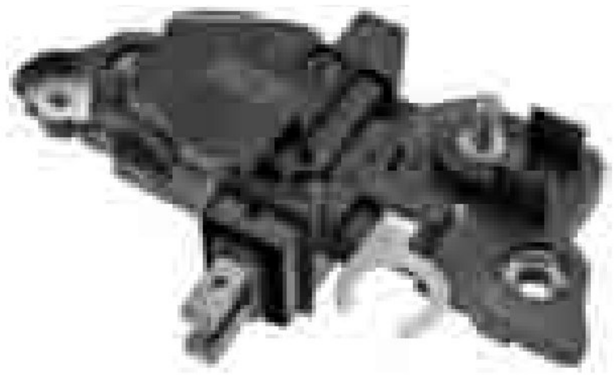
IB225
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, L-FR Terminals, 14.5 Vset, w/ LRC

For: Bosch IR/IF Alternators
Used On: (2005-97) Audi, Mercedes, Porsche, VW
Replaces: Bosch F-00M-145-200, -209, -225
Unit Nos: Bosch 0-124-215-006, 0-124-225-012; 0-124-315-001, -002, -003, -004, -005, -006, -007, -008, -010, -011, -012, -013, -018, -020, -021, -022, -030; 0-124-325-001, -002, -003, -004, -011, -012, -013, -014, -015, -016, -017, -021, -022, -032, -033, -034, -035, -041, -042, -043; 0-124-515-001, -010, -011, -012, -015, -022, -026, -034, -035, -038, -039, -042, -045, -046, -056, -057, -073; 0-124-525-056, -057
Lester Nos: 11041, 11130, 11131, 13810, 13849, 13850, 13851, 13852, 13853, 13884, 13904, 13951
WAI Ref. Nos: 1-2399-01BO, 1-2452-01BO, 1-2519-01BO, 1-2520-01BO, 1-2521-01BO
Dim: 14mm Dia. Slip Ring
Features:
- Soft start
- Temperature compensation

ALTERNATOR - REGULATORS (TRANSPO)

BOSCH

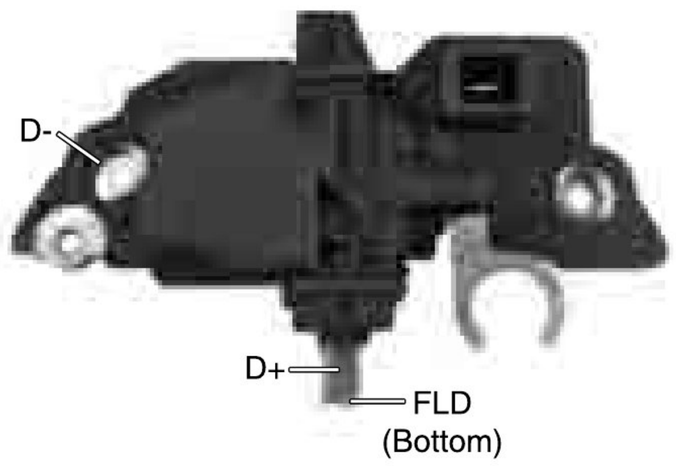
Internal Regulated / Internal Fan (cont'd.)



IB227

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.7 Vset

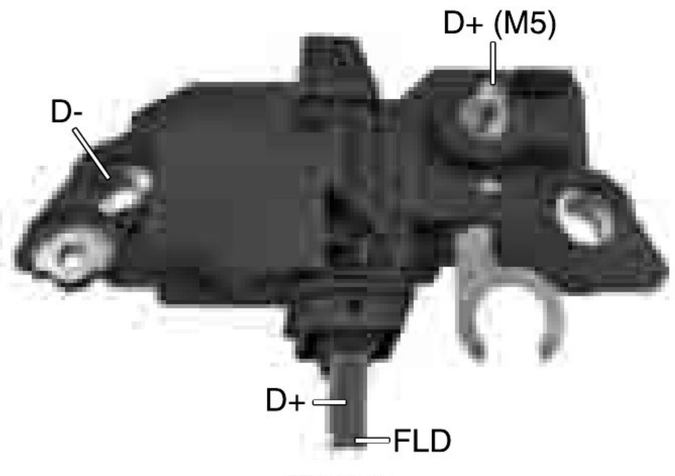
For: Bosch IR/IF Alternators
Used On: (2005-00) Saturn
Replaces: Bosch F-00M-145-227
Unit Nos: Bosch 0-124-515-008, 0-124-515-043; GM 9227893, 21019217, 22674550
Lester Nos: 13805
WAI Ref. Nos: 1-2256-01BO
Dim: M5 x 0.8 D+ Terminal
Features:
- Lamp activated
- Battery disconnect protection
- Shorted lamp & field protection



IB229

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, L Terminal, 14.4 Vset, w/ LRC

For: Bosch IR/IF Alternators
Used On: (2005-00) Volvo
Replaces: Bosch F-00M-145-229
Unit Nos: Bosch 0-124-515-017, -054; 0-124-525-001, -014; Volvo 9442841
Lester Nos: 13801, 13802, 13997, 13998
Features:
- Soft start

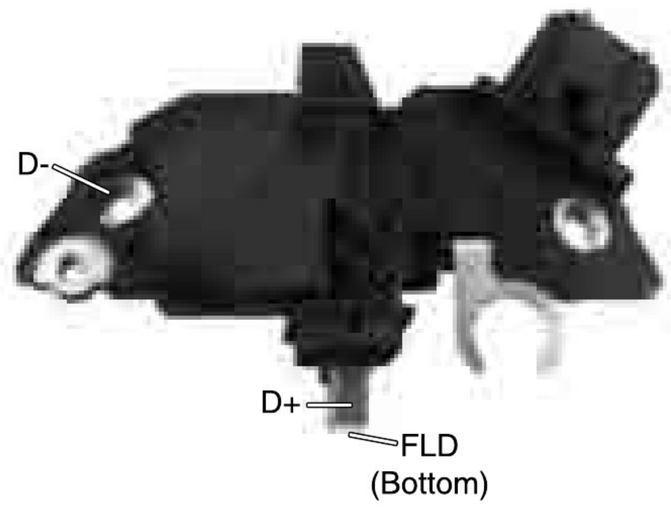


IB231

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, L Terminal, 14.5 Vset, w/ LRC

For: Bosch IR/IF Alternators
Used On: Opel, Vauxhall (Europe)
Replaces: Bosch F-00M-145-201, 231
(cont'd.)

(cont'd.)
Unit Nos: Bosch 0-124-225-001, -002, -004, -009, -018, -022, -023, -024, -025; 0-124-325-023, -054, -055; 0-124-415-001, -002, -005, -008, -010; 0-124-515-004, -005, -006, -023, -031, -061, -099, -100
Dim: M5 x 0.8 D+ Terminal
Features:
- Soft start



IB235

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-FR-L Terminals,
14.4 Vset, w/ LRC

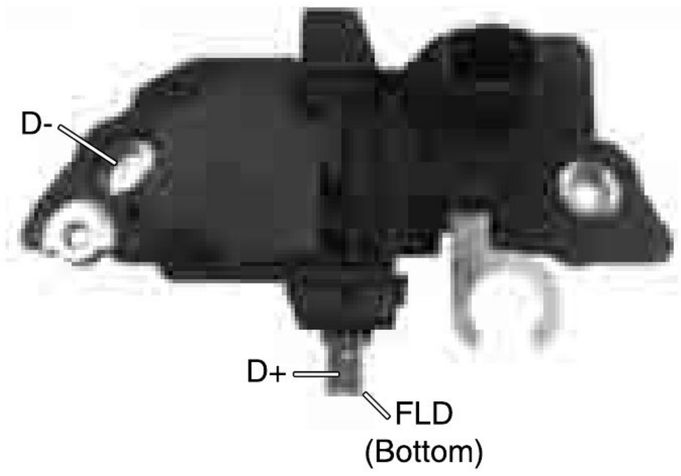
For: Bosch IR/IF Alternators
Used On: Ford (Europe)
Replaces: Bosch F-00M-145-235
Unit Nos: Bosch 0-124-225-021
Features:
- Soft start



IB238

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, L-DFM Terminals,
14.5 Vset, w/ LRC

For: Bosch IR/IF Alternators
Used On: (2003-99) Audi, Volvo, VW
Replaces: Bosch F-00M-145-237, -238, -354, -355; Fiat 9949583, VW 038-903-803-F
Unit Nos: Bosch 0-124-315-010, -011, -014; 0-124-325-017, -018, -019, -020, -036, -037; 0-124-515-024, -025, -026, -027, -028, -034, 5-058
Lester Nos: 11209, 11210, 13921, 13922, 13951
Note: Active L-function - with choke drive
Features:
- Soft start
- Temperature compensation

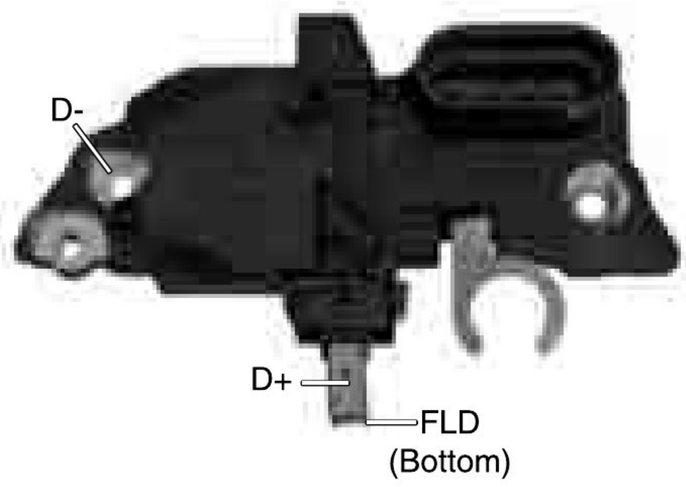


IB239

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L-FR Terminals, 14.8 Vset, w/ LRC

For: Bosch IR/IF Alternators
Used On: Renault (Europe)
Replaces: Bosch F-00M-145-239
Unit Nos: Bosch 0-124-325-024; 0-124-415-007, -013, -014, -014
Features:
• Soft start



IB241

(Ref# 35-9122)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-FR-L-D Terminals, 14.4 Vset, w/ LRC

For: Bosch IR/IF Alternators
Used On: (2004-99) Chevrolet, GMC, Oldsmobile, Pontiac
Replaces: Bosch F-00M-145-224, F-00M-145-241
Unit Nos: Bosch, 6-004-MA5-008, 6-004-MA5-011, 6-004-ML0-017, 6-004-ML0-021, 6-004-ML0-024; Delco 10288764, 10418888, 10418889, 15755900
Lester Nos: 13770, 13771, 13860
WAI Ref. Nos: 1-2234-01BO, 1-2402-01BO, 1-2510-01BO
Note: D-terminal has no connection.
Features:
• Soft start



IB248

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L Terminal, 14.5 Vset, w/ LRC

For: Bosch IR/IF Alternators
Used On: (2006-04) Dodge, Freightliner, Mercedes Sprinter Vans
Replaces: Bosch F-00M-145-248, -358;
Mercedes 003-154-28-06
(cont'd.)

(cont'd.)
Unit Nos: Bosch 0-124-325-039, -093; 0-124-515-064, -114; 0-124-615-019, -033;
Chrysler 5134199AA, 5134204AA, 5134205AA;
Mercedes 012-154-15-02, 012-154-20-02, 012-154-24-02, 012-154-46-02, 013-154-13-02, 013-154-15-02, 013-154-17-02
Lester Nos: 12382, 12383, 12384
WAI Ref. Nos: 1-2589-01BO
Features:
• Soft start



IB251

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.3 Vset

For: Bosch IR/IF Alternators
Used On: (2005-01) BMW
Replaces: Bosch F-00M-145-251
Unit Nos: BMW 12-31-7-501-597, 12-31-7-501-599; Bosch 0-124-515-050
Lester Nos: 13882
Terminal Designation: L-15
Note: Without temperature compensation.



IB252

Regulator / Brush Holder Assy.

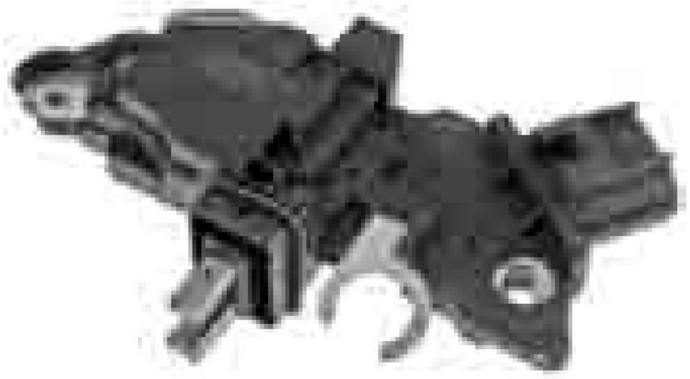
12 Volt, B-Circuit, L Terminal, 14.5 Vset

For: Bosch IR/IF Alternators
Used On: (2005-00) Alfa-Romeo, Citroen, Fiat, Lancia, Peugeot (Europe)
Replaces: Bosch F-00M-145-243, -252, -270
Unit Nos: Bosch 0-124-515-087, -090; 0-124-615-002, -027
Dim: 14mm Dia. Slip Ring
M5 x 0.8 D+ Terminal
Note: Active lamp - with output
Features:
• Short-circuit protection: lamp, field, choke drive

ALTERNATOR - REGULATORS (TRANSPO)

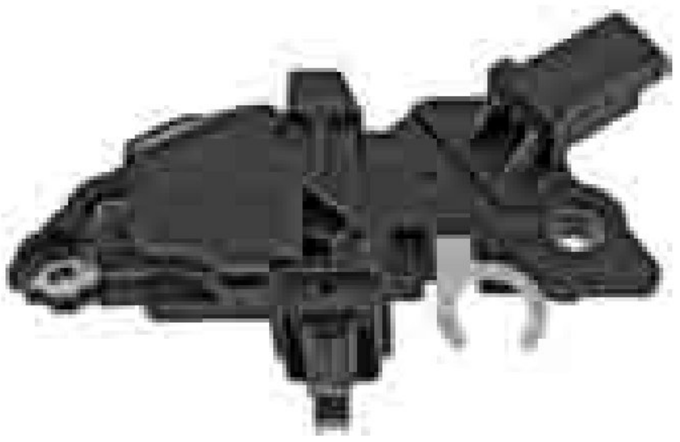
BOSCH

Internal Regulated / Internal Fan (cont'd.)



IB255
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-FR-L Terminals,
14.5 Vset, w/ LRC

For: Bosch IR/IF Alternators
Used On: (2006-00) Ford Transit Van (Europe)
Replaces: Bosch F-00M-145-255*, -361
Unit Nos: Bosch 0-124-315-019, -027; 0-124-325-100; 0-124-415-016, -030, -032; 0-124-525-021; Ford 1C1T-10300-AB, -AD, -AE, -AF; 2C1T-10300-AA, -AB, -BA; YC1T-10300-BC, -BD, -BE, -BG, -BH, -BJ
Note: *Bosch F-00M-145-255 wo/ LRC or Soft Start
Features:
- Soft start
- Temperature compensation



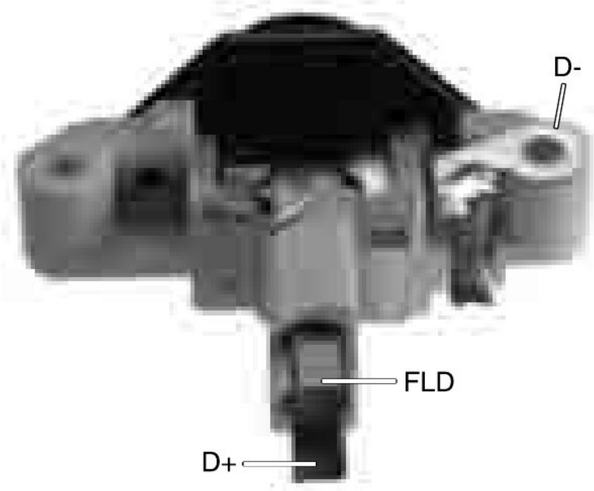
IB286
Regulator / Brush Holder Assy.
12 Volt, B-Circuit, L-DMF(FR) Terminals
14.5 Vset, 2.5 sec. LRC

For: Bosch IR/IF Alternators
Used On: Citroen, Peugeot (Europe)
Replaces: Bosch F-00M-145-286, -394
Unit Nos: Bosch 0-124-525-034, -035
Note: Active lamp - with output
Features:
- Soft start
- Short-circuit protection of lamp, field and choke drive circuits



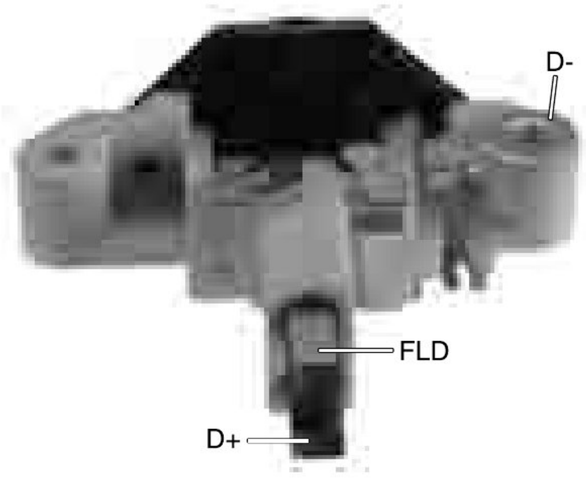
IB298
Regulator / Brush Holder Assy.
24 Volt, B-Circuit, 28.3 Vset

For: Bosch IR/IF Alternators
Used On: Mercedes-Benz Trucks
Replaces: Bosch F-00M-145-256, -267, -298, -299, -302, -307 Mercedes 000-154-24-05, 000-154-26-05, 000-154-27-05, 003-154-26-06, 003-154-42-06; Scania 1501245, Volvo 20802191, VW 2TB-903-803A
Unit Nos: Bosch 0-124-355-001, -002; 0-124-555-001, 002, 003, 004, 007, 008, 011, 012, 015, 016, 021, 022, 023, 025, 032, 036, 038, 040, 041, 042, 044, 045, 046; 0-124-655-001, -002, -003, -004, -007, -016, -023, -036, -037, -038, -039
Lester Nos: 12387, 12389
Terminal Designations: W-L-15-S-DFM



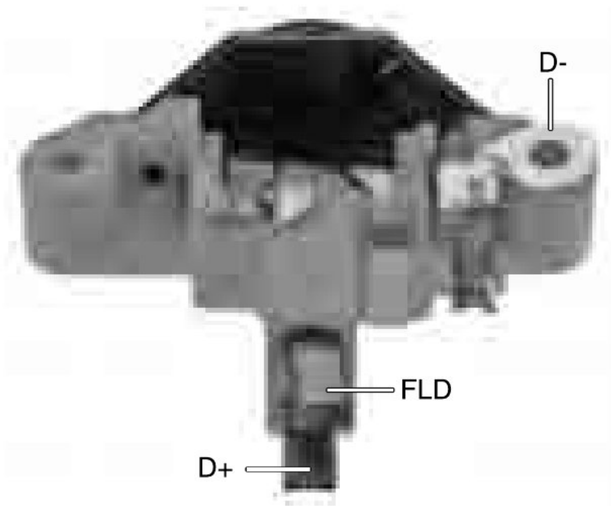
IB384-1
(Ref# 35-9110)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset, 68 Ohm Resistor

For: Bosch IR/IF Alternators
Used On: (1998-92) Volvo
Replaces: Bosch 1-197-311-239
Unit Nos: Bosch 0-120-465-006, 0-123-510-017, 0-123-545-003; Volvo 3523420, 3523420-2, 6849755, 6849755-1, 9130273, 9130273-7
Lester Nos: 13417, 13541, 13632
WAI Ref. Nos: 1-1816-01BO, 1-1816-02BO, 1-1911-01BO
Dim: 14mm Dia. Slip Ring
Features:
- Hermetically sealed circuit



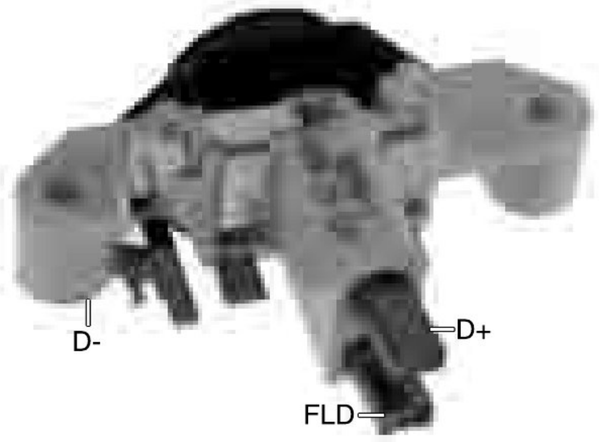
IB385-1
(Ref# 35-9108)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Bosch IR/IF Alternators
Used On: (2002-92) Audi, BMW, Cadillac, Saab, VW, Volvo, Winnebago
Replaces: BMW 12-31-1-747-920; Bosch 1-197-311-214, -223, -224, -225, -232, -235, -238, -527; Saab 47-37-151, VW-Audi 021-903-803B
Unit Nos: Bosch 0-120-465-007, -008, -020, -021, -031; 0-120-485-019, -023, -034, -036, -038, -039, -043, -048; 0-123-213-007; 0-123-214-002; 0-123-310-001, -002, -003, -019, -020, -032, -035, -037; 0-123-315-001, -002, -006; 0-123-320-001, -002, -003, -005, -007, -016, -018, -020, -027, -034, -052; 0-123-335-001; 0-123-340-002, -003, -005; 0-123-505-001, -005, -007, -009, -010; 0-123-510-001, -003, -005, -006, -007, -020, -026, -029, -034, -053, -064, -065; 0-123-520-002
Lester Nos: 13357, 13380, 13381, 13382, 13422, 13441, 13465, 13471, 13526, 13605, 13606, 13609, 13613, 13621, 13623, 13626, 13736, 13832
Features:
• Hermetically sealed circuit



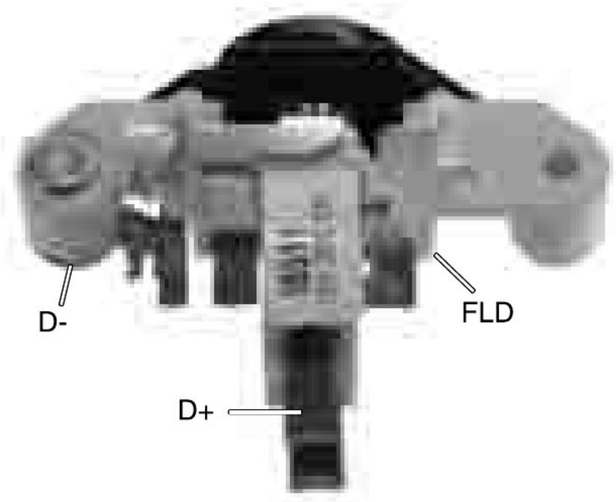
IB387-1
(Ref# 35-9109)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset, 180 ohm Resistor

For: Bosch IR/IF Alternators
Used On: (2005-91) Mercedes, Saab
Replaces: Bosch 1-197-311-213, -242; Mercedes 002-154-92-06
Unit Nos: Bosch 0-120-465-003, -004, -013, -014, -015, -016, -017, -018; 0-120-485-011, -012, -022; 0-123-315-005; 0-123-320-010, -011, -044, -045; 0-123-335-002, -003, -004, -005, -006; 0-123-500-001, -002; 0-123-510-004, -012, -018, -021, -023, -040, -051, -059, -066, -067, -068, -079, -080; 0-123-520-006, -007, -008, -012, -017; 0-123-540-002; 0-123-545-004
Lester Nos: 13356, 13359, 13376, 13422, 13610, 13611, 13613, 13631, 13710, 13779, 13793, 13797, 13803, 13819
Features:
• Hermetically sealed circuit



IB388-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Bosch IR/IF Alternators
Used On: (1998-93) VW
Replaces: Bosch 1-197-311-500, -523, -530, -531, -548; VW-Audi 028-903-803D
Unit Nos: Bosch 0-123-325-005, -006, 0-123-505-011, -012, -013; 0-123-510-046, -047, 0-123-515-014, -017, -018, -020, -021; Ford 98VW-10300-AA; VW-Audi 028-903-025S, 028-903-026G, 038-903-023J
Lester Nos: 13622, 13833
WAI Ref. Nos: 1-2385-01BO
Dim: 14mm Dia. Slip Ring
Features:
• Hermetically sealed circuit



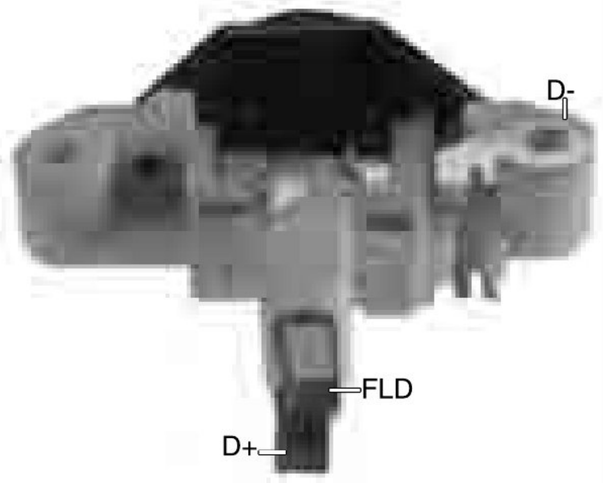
IB511-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Bosch IR/IF Alternators
Used On: (2003-95) Audi
Replaces: Bosch 1-197-311-511, VW-Audi 028-9038-03E
Unit Nos: Bosch 0-123-505-018; 0-123-510-008, -009, -028; 0-123-515-003, -008, -009, -011, -012, -024; 0-123-520-003, -004, -019, -020, -021; VW-Audi 028-903-018E, 028-903-028, 046-903-015F; 077-903-015F, K, L
Lester Nos: 13624, 13773
WAI Ref. Nos: 1-2137-01BO
Dim: 14mm Dia. Slip Ring
Features:
• Hermetically sealed circuit

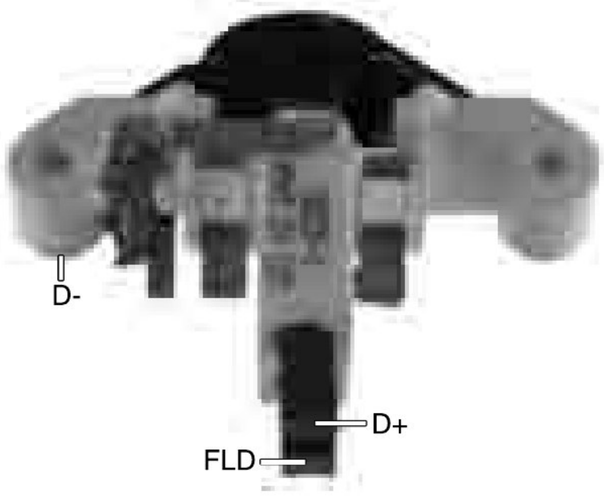
ALTERNATOR - REGULATORS (TRANSPO)

BOSCH

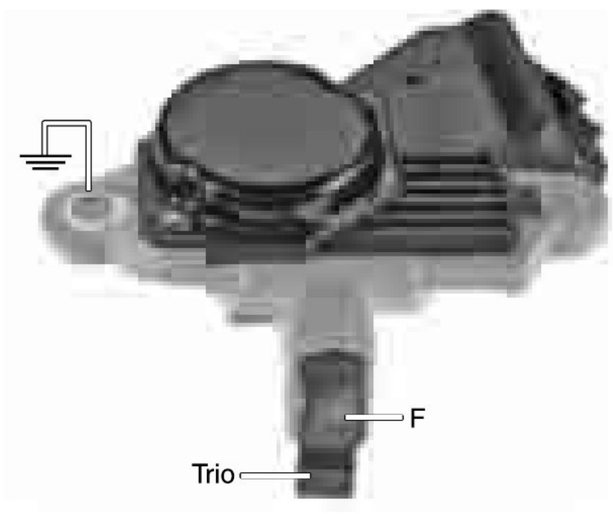
Internal Regulated / Internal Fan (cont'd.)



IB512-1
(Ref# 35-9123)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset
For: Bosch IR/IF Alternators
Used On: Peugeot 806 TD
Replaces: Alfa Romeo 9950830;
Bosch 1-197-311-240, -512, -551, -552, -553;
Mercedes 003-154-02-06, 003-154-19-06; Peugeot 576196
Unit Nos: Bosch 0-120-335-006, -011, -012; 0-123-110-007;
0-123-310-010, -011, -012, -013, -051; 0-986-038-710, -720
Dim: 14mm Dia. Slip Ring
Features:
• Hermetically sealed circuit

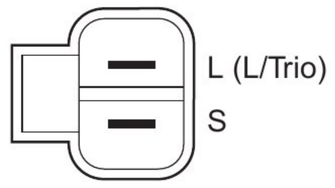


IB529-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset, 68 Ohm Resistor
For: Bosch IR/IF Alternators
Used On: Volvo
Replaces: Bosch 1-197-311-529; Volvo 9442496-7
Unit Nos: Bosch 0-123-515-013, 0-123-515-028
Dim: 14mm Dia. Slip Ring
Features:
• Hermetically sealed circuit



IB501-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset
For: Bosch IR/IF Alternators
Used On: Nissan Tsuru (Mexico)
Replaces: Bosch 9-190-041-002

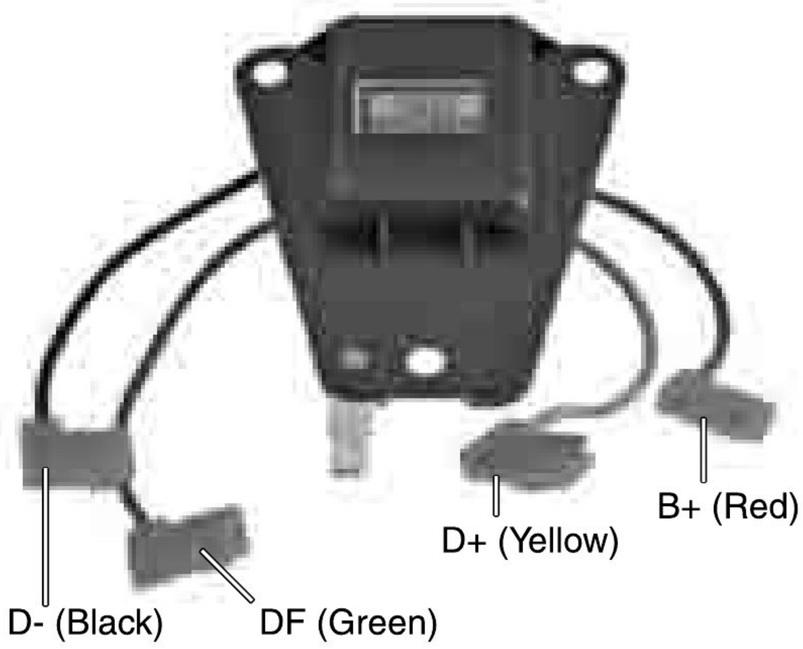




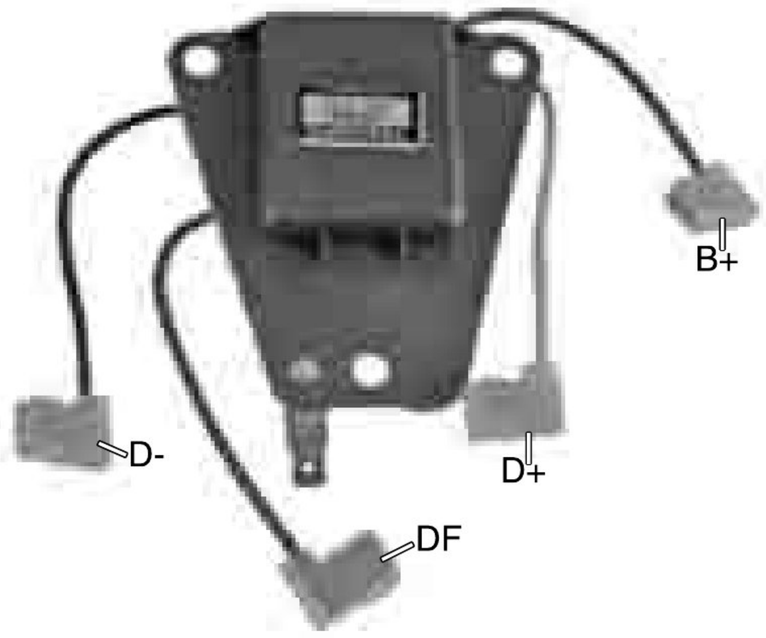
Plug Code 300

IB343
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.4 Vset
For: Bosch IR/IF Alternators (Australia)
Used On: (2004-94) Mitsubishi
Replaces: Bosch 9-191-067-043, Mitsubishi Motors AW344863
Unit Nos: Bosch 9-120-061-100, 9-120-061-601;
Mitsubishi Motors AW335900, AW343142, MD363634
Lester Nos: 13459, 13689
WAI Ref. Nos: 1-1999-01BO, 1-2116-01BO

CAV

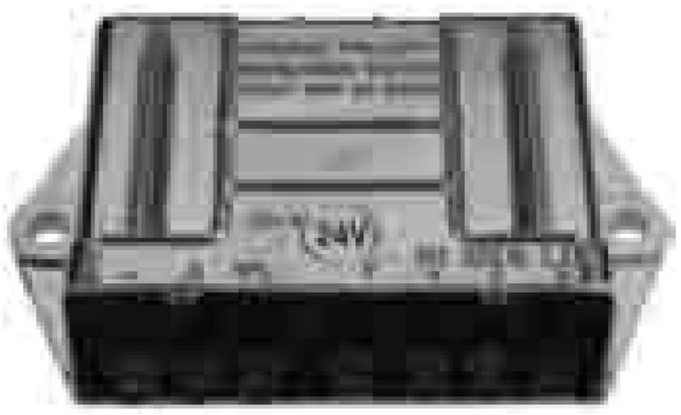


CE301
Regulator
12 Volt, A-Circuit, 14.4 Vset
For: CAV Alternators
Replaces: CAV 631731F
Unit Nos: CAV 1267020, 1267030, 1267040
Terminal ID: Black D-, Green DF, Yellow D+, Red B+



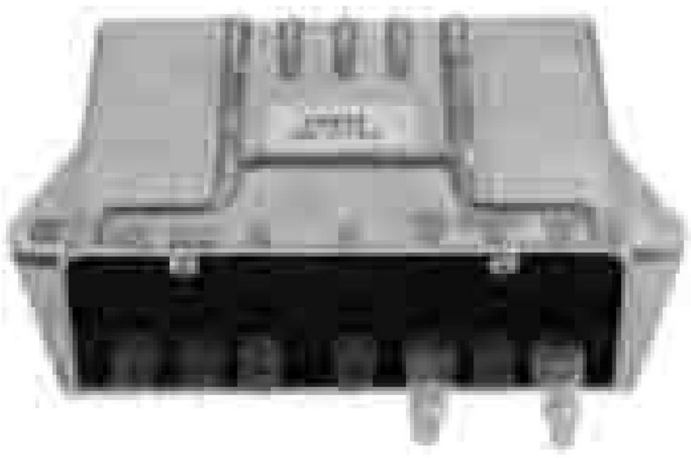
CE552
Regulator
24 Volt, A-Circuit, 28.5 Vset

For: CAV Alternators
Replaces: CAV 1861504, 1861552, 546R529, 6317310, 631731A, 631731C, 631731D, 631731G, 631731H
Terminal ID: Black D-, Green DF, Yellow D+, Red B+



CE520-1
Regulator
24 Volt, A-Circuit, 27.5 Vset

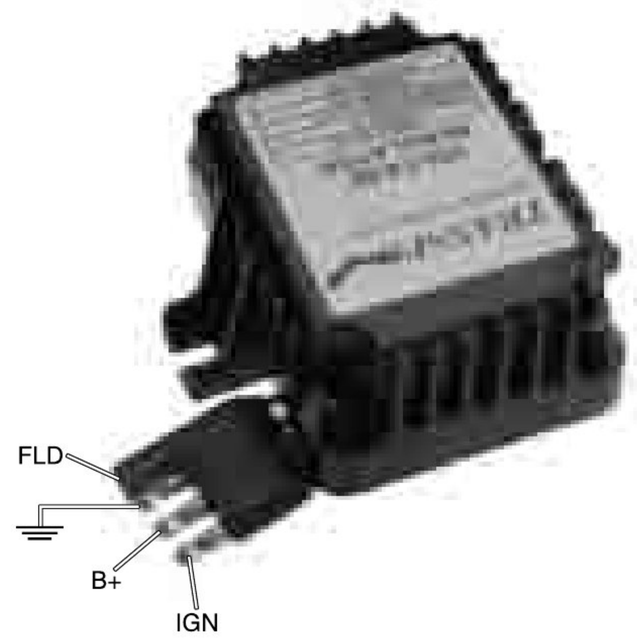
For: CAV Alternators
Replaces: CAV 1697D520, 1861600, 440D242; Volvo 62411199
Features:
- Die cast aluminum housing



CE533
Regulator
24 Volt, A-Circuit, 28.2 Vset

For: CAV Alternators
Replaces: CAV 1697C533, 1697C537, 1697V537, 1861602, 440C244
Features:
- Die cast aluminum housing

CE NIEHOFF



NA2-102
Regulator
12 Volt, A-Circuit, F-E-B-IG Terminals, 14.2 Vset

For: CE Niehoff Alternators
Replaces: CE Niehoff A2-102
Unit Nos: CE Niehoff A1-102, N1011
Features:
- Adjustable voltage



NA2-107
Regulator
24 Volt, A-Circuit, IG-F-B-E Terminals, 28.0 Vset

For: CE Niehoff Alternators
Replaces: CE Niehoff A2-107
Unit Nos: CE Niehoff A1-706, A1-750
Features:
- Adjustable voltage

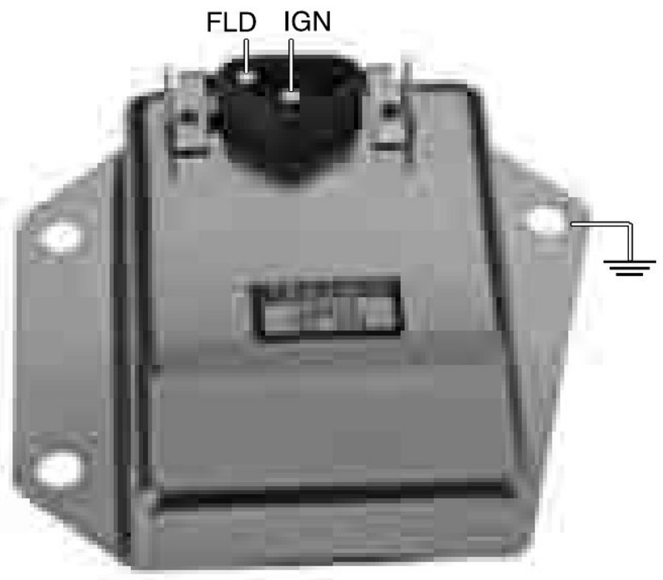


NA2-110
Regulator
12 Volt, A-Circuit, F-E-B-IG Terminals, 14.0 Vset

For: CE Niehoff Alternators
Replaces: CE Niehoff A2-110
Unit Nos: CE Niehoff A1-602, N1202
Features:
- Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)

CHRYSLER

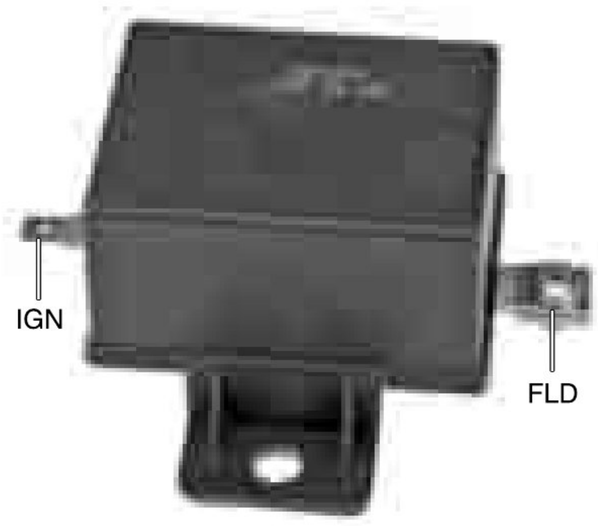


C8312-1
(Ref# 35-301)
Regulator
12 Volt, A-Circuit, Neg. Grd.,
Red Plug Connector, 14.3 Vset

For: Chrysler Round Back, Square Back, Revised Square Back ER/IF Alternators
Replaces: Chrysler 3438150, 3755850, 3755960, 3874520, 4091050, 4111990, 5234625
Features:
- Solid state circuit

C8313
Regulator
12 Volt, A-Circuit, Neg. Grd.,
Red Plug Connector, 14.3 Vset

Same as C8312-1 except...
Features:
- Heavy Duty
- Solid state circuit
- Superior loading
- Adjustable voltage
- For 7 amp rotors



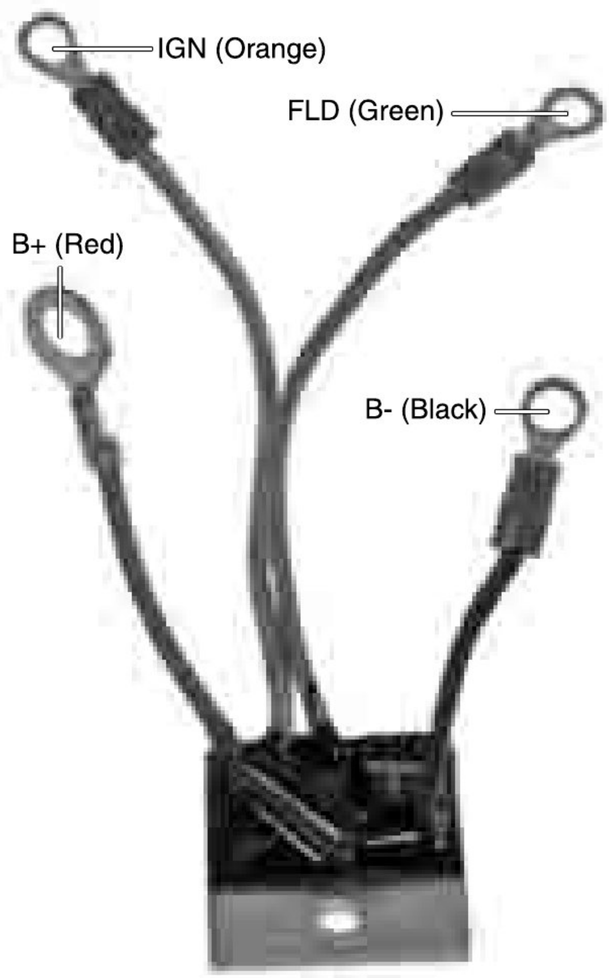
C8010-1
(Ref# 35-300-1)
Regulator
12 Volt, B-Circuit, 14.3 Vset, Neg. Grd.

For: Chrysler Round Back ER/IF Alternators
Used On: Chrysler, Dodge, Plymouth
Replaces: Chrysler 1889960, 2095700, 2098300, 3000074
Features:
- Solid state



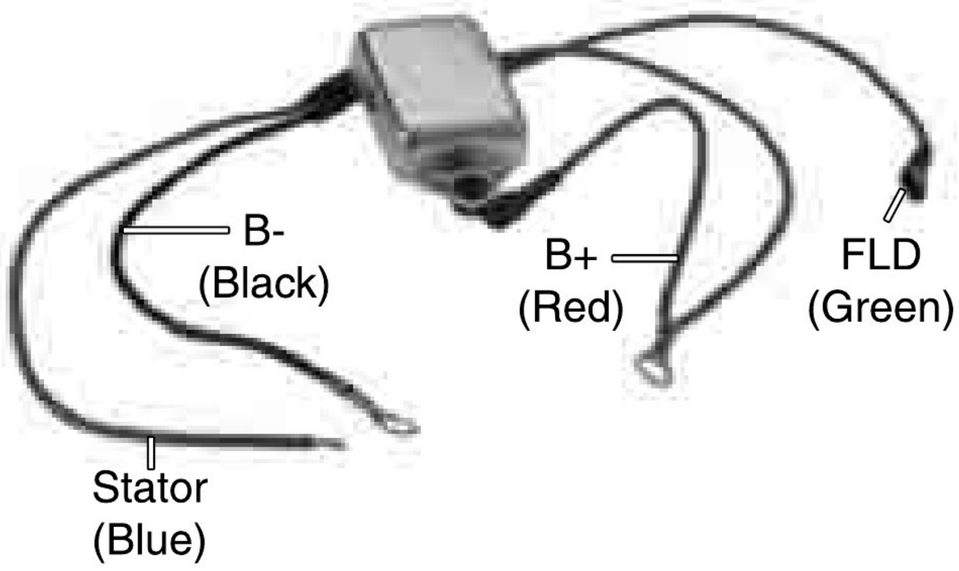
C8012M
Regulator
12 Volt, B-Circuit, 14.3 Vset, Neg. Grd.

Same as C8010-1 except...
Features:
- Mechanical regulator



C8315
Conversion Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Chrysler 40/90, 50/120A Alternators
Lester Nos: 7002, 7552
Note: Attach to SRE Frame to bypass defective regulator in vehicle PCM/ECU.
Caution: Not to be used on Chrysler vehicles with electronic fuel injection.
Terminal ID: Red B+, Black B-, Green FLD, Orange IGN.
Features:
- Bypasses the regulator in the computer module



D7018
Conversion Regulator
12 Volt, A-Circuit

For: Chrysler Squareback Alternators
Terminal ID: Red B+, Black B-, Green Field, Blue Stator
Features:
- 1-wire hook-up
- Mounts on alternator thru bolt
- Stator activated
- Indicator light drive

DELCO
10DN, 20DN Series



D518
(Ref# 35-135)
Regulator
24 Volt, B-Circuit, 27.5 Vset, Solid State

For: Delco 10DN Series ER/EF Alternators
Used On: Industrial, Marine Applications
Replaces: Delco 1119518
Terminal ID: Field F, Stator 2, B+ 3, Light 4, B- Case
Features:
- Solid state
- Rotor current 2.2 to 2.6 amps



D9212-1
(Ref# 35-100-1)
Regulator
12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.

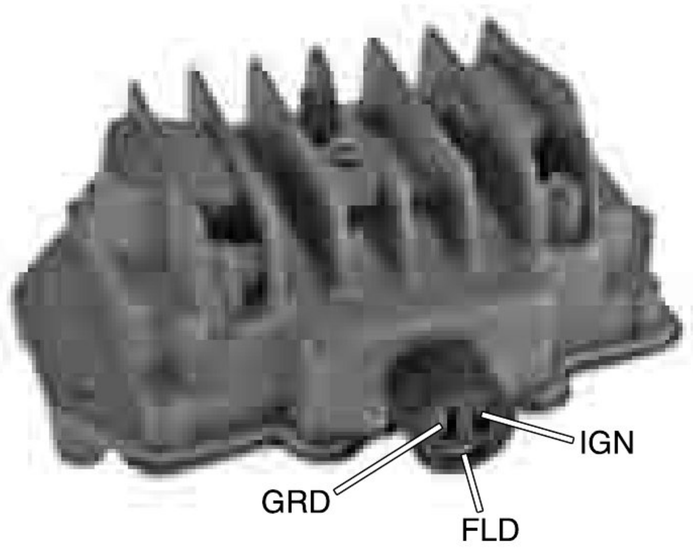
For: Delco 10DN, 20DN Series Alternators
Replaces: Delco 1119515, 1119519, D635, D663
Terminal ID: Field F, Stator 2, B+ 3, Light 4, B- Case.
Features:
- Solid state circuit
- OE appearance

D9212S-1
Regulator
12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.

Same as D9212-1 except...
Features:
- Heavy Duty
- Solid state circuit
- Withstands flashing B+ to I-Terminal

D9212M
(Ref# 35-121)
Regulator
12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.,

Same as D9212-1 except...
Features:
- Electromechanical relay
- OE appearance



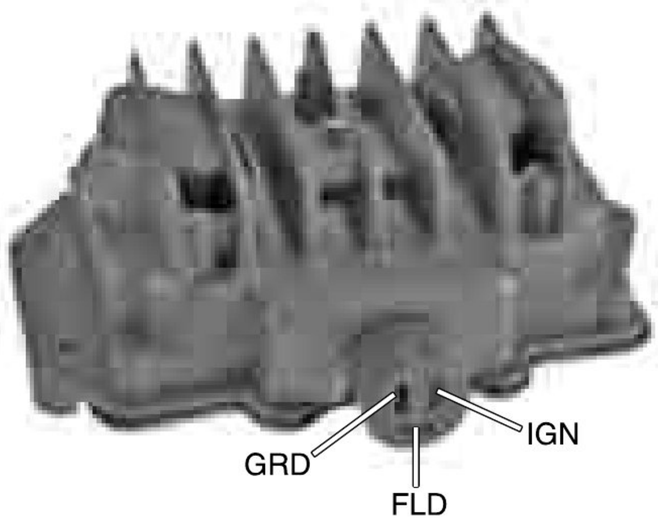
D590S
(Ref# 35-113)
Regulator
12 Volt, B-Circuit, 14.2 Vset, Neg. or Pos. Grd.

For: Delco 20DN Series Alternators
Replaces: Delco 1116393, 1116394, 9000590
Note: Black plug.
Features:
- Solid state circuit
- Cast aluminum, finned case

ALTERNATOR - REGULATORS (TRANSPO)

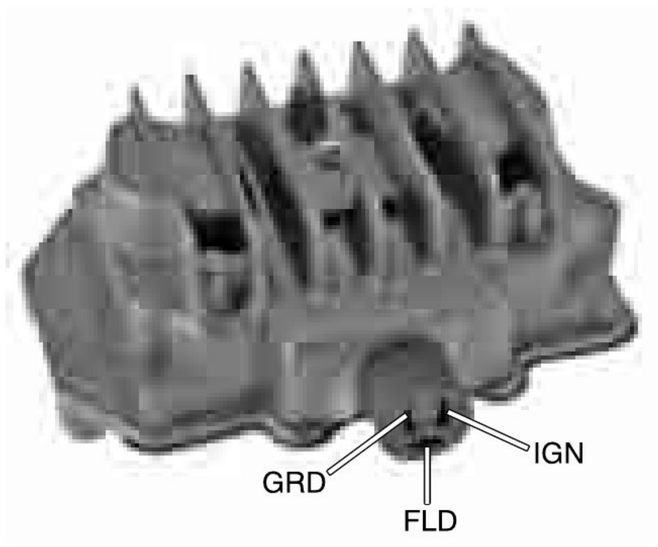
DELCO

10DN, 20DN Series (cont'd.)



D591S
(Ref# 35-114)
Regulator
24 Volt, B-Circuit, 27.5 Vset, Red Plug

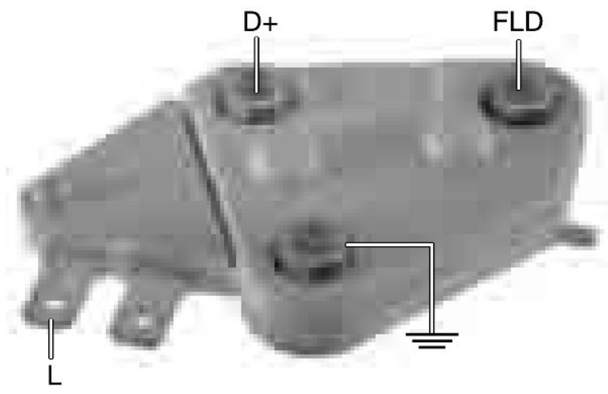
For: Delco 20DN Series Alternators
Replaces: Delco 1116394, 1116399, 9000591



D593S
Regulator
32 Volt, B-Circuit, 37.5 Vset, Brown Plug

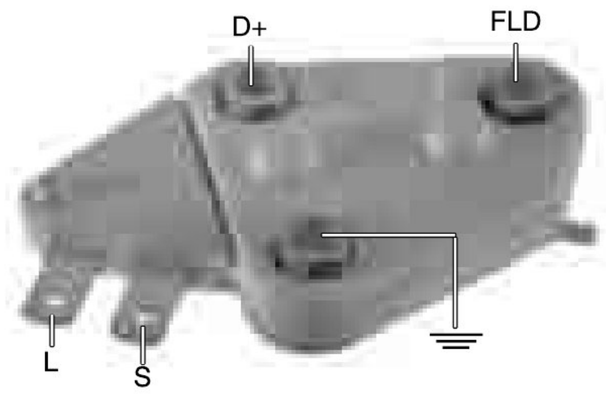
For: Delco 20DN Series Alternators
Replaces: Delco 9000593

10SI-27SI Series, 3-Wire



D10-1
Regulator
12 Volt, A-Circuit, 14.8 Vset

For: Delco 10SI, 12SI, 15SI, 17SI; 27SI/Type 100, 205 Series IR/EF Alternators
Used On: (1993-73) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac
Replaces: Delco 1116387, 1116392, 1116423, D680
Note: Without external sense
Features:
- Best Value

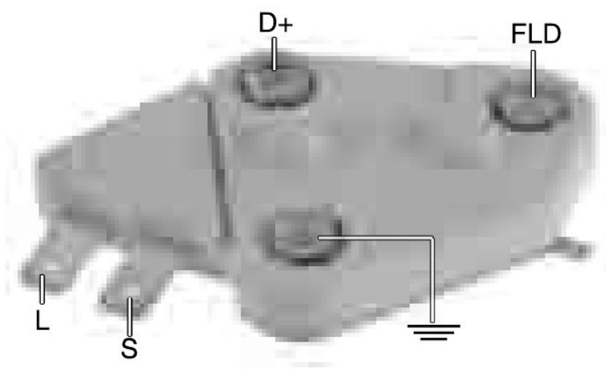


D101-1
Regulator
12 Volt, A-Circuit, 5-Amp Field, 14.8 Vset

For: Delco 10SI, 12SI, 15SI, 17SI; 27SI/Type 100, 205 Series IR/EF Alternators
Used On: (1993-73) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac
Replaces: Delco 1116387, 1116392, 1116423, D680
Features:
- Low Vsat
- Fast Switching

D101HD-1
(Ref# 35-101)
Regulator
12 Volt, A-Circuit, 5-Amp Field, 14.8 Vset

Same as D101-1 except...
Features:
- Heavy Duty
- Low Vsat
- Fast Switching

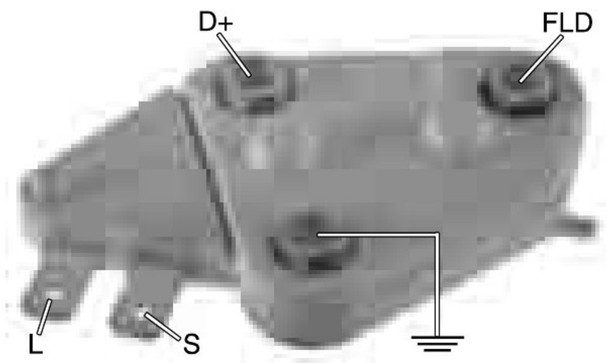


D105-1
(Ref# 35-102-3)
Regulator
12 Volt, A-Circuit, 7-Amp Field, 14.8 Vset

For: Delco 12SI, 17SI Series IR/EF Alternators
Used On: (1990-85) Buick, Cadillac, Chevrolet, GMC, Pontiac
Replaces: Delco 1988988, D674

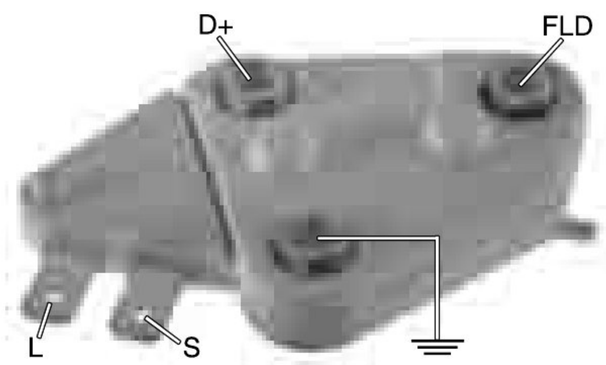
D105HD-1
(Ref# 35-102-1)
Regulator
12 Volt, A-Circuit, 7-Amp Field, 14.8 Vset

Same as D105-1 except...
Features:
- Heavy Duty
- Low Saturation Voltage
- For high amp rotors



D21N-1
(Ref# 35-130)
Regulator
12 Volt, A-Circuit, 14.0 Vset

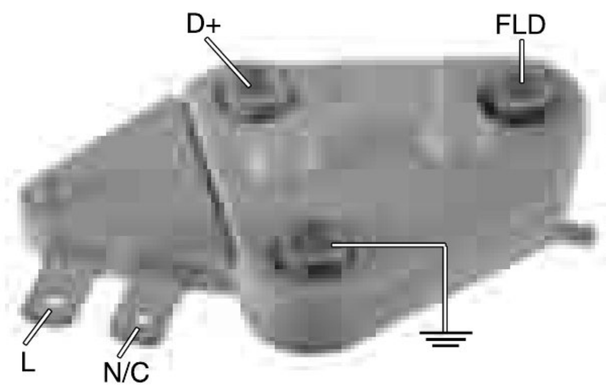
For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 1116438, 1116439, 10470886, D688
Unit Nos: Delco 1117895, 1117896, 1117899, 1117903, 1117904, 1117912, 1117926, 1117927, 1117928, 1117936, 1117938, 1117939, 1117940, 1117945, 19010110, 19010112, 19010113, 19010118, 19010183, 19010184, 19010197, 19020375, 19020386
Note: 3-wire system, wo/ webbed terminals, wo/ stud, w/ MOSFET field transistor, wo/ temperature compensation. Similar to D691 except:
D21N-1 wo/ temperature compensation
D691 w/ temperature compensation



D691
(Ref# 35-131)
Regulator
12 Volt, A-Circuit, 14.0 Vset

For: Delco 19SI, 21SI Series IR/EF Alternators
Replaces: Delco 1116441, D691
Unit Nos: Delco 1117898, 19009957
Lester Nos: 8029, 8099
Note: 3-wire system, wo/ webbed terminals, wo/ stud, w/ MOSFET field transistor, w/ temperature compensation. Similar to D21N-1 except:
D21N-1 wo/ temperature compensation
D691 w/ temperature compensation

10SI-27SI Series, Self-Exciting

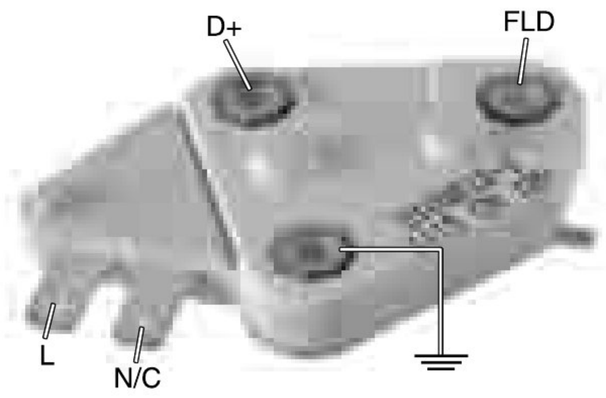


D10SE6-1
(Ref# 35-159)
Regulator
6 Volt, A-Circuit, 7.7 Vset, Self Exciting

For: Delco 10SI Series IR/EF Alternators
Used On: Agricultural, Industrial & Marine Applications
Note: Converts 12 volt to 6 volt system
Features:
- Self-exciting
- 1-wire hook-up
- Very low cut-in

D10SE8-1
Regulator
6 Volt, A-Circuit, 9.7 Vset, Self Exciting

Same as D10SE6-1 except...
Note: 9.7 Vset



D10SE12-1
(Ref# 35-101-1)
Regulator
12 Volt, A-Circuit, 5-Amp Field, 14.8 Vset, Self Exciting

For: Delco 10SI, 12SI, 15SI, 17SI; 27SI/Type 100, 205 Series IR/EF Alternators
Used On: Agricultural, Industrial & Marine Applications
Features:
- Self-exciting
- 1-wire hook-up
- Very low cut-in

D10SE132-1
Regulator
12 Volt, A-Circuit, 5-Amp Field, 13.2 Vset, Self Exciting

Same as D10SE12-1 except...
Note: 13.2 Vset

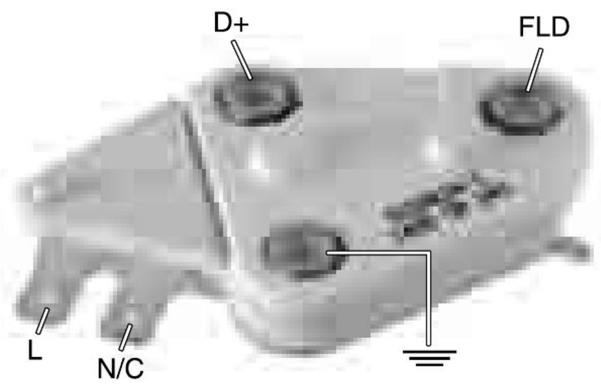
D10SE138-1
Regulator
12 Volt, A-Circuit, 5-Amp Field, 13.8 Vset, Self Exciting

Same as D10SE12-1 except...
Note: 13.8 Vset

ALTERNATOR - REGULATORS (TRANSPO)

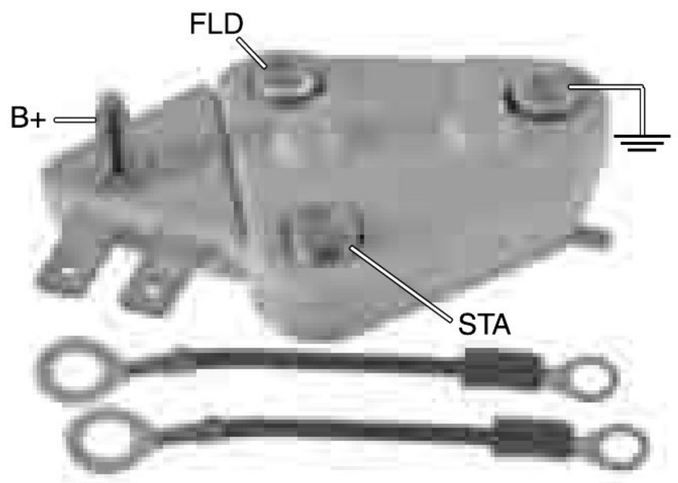
DELCO

10SI-27SI Series, Self-Exciting (cont'd.)



D10SE24-1
Regulator
24 Volt, A-Circuit, 27.9 Vset, Self Exciting

For: Delco 10SI, 12SI, 15SI, 17SI; 27SI/Type 100, 205 Series IR/EF Alternators
Used On: Agricultural, Industrial & Marine Applications
Features:
- Self-exciting
- 1-wire hook-up
- Very low cut-in

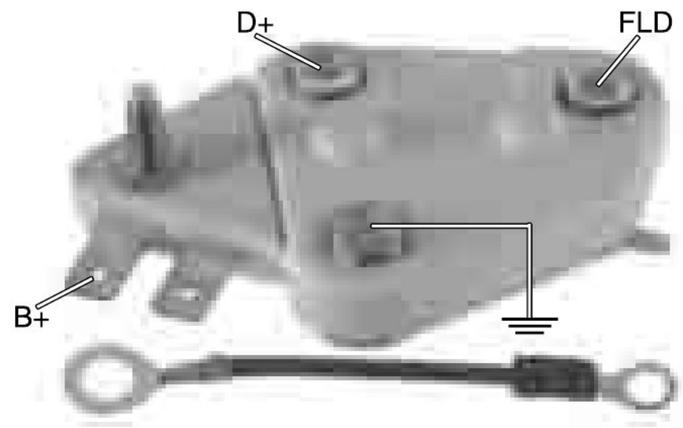


D10AC-1
Regulator
12 Volt, B-Circuit, 14.5 Vset

For: Delco 10SI, 12SI, 15SI, 17SI; 27SI/Type 100, 205 Series IR/EF Alternators
Note: With webbed terminals, w/ stud.
Features:
- Conversion Regulator
- Does NOT require battery sense
- Eliminates the diode trio
- Uses AC excited circuit
- Fast Cut-In, Very low Drain

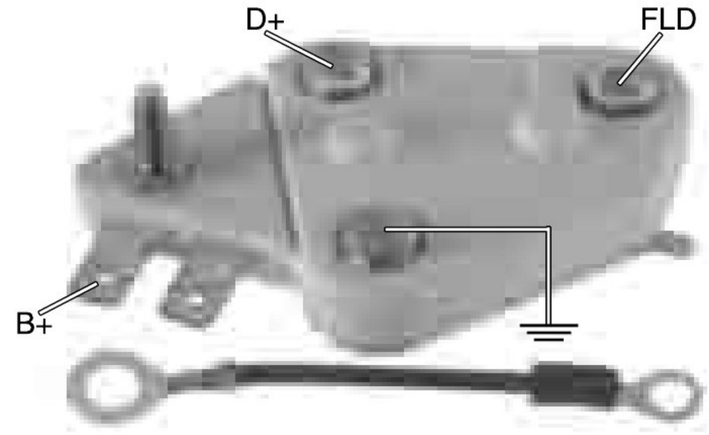
D10AC-132
Regulator
12 Volt, B-Circuit, 13.2 Vset

Same as D10AC-1 except...
Note: 13.2 Vset



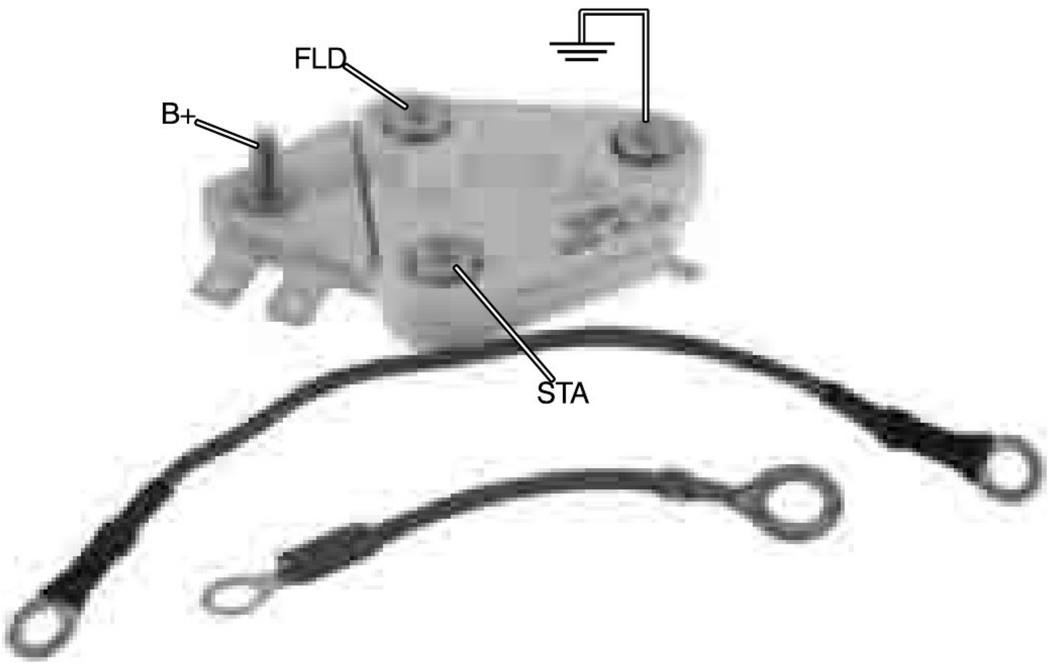
D17SE-1
(Ref# 35-102-2)
Regulator
12 Volt, A-Circuit, 7-Amp Field, 14.2 Vset, Self Exciting

For: Delco 12SI, 17SI Series IR/EF Alternators
Used On: Farm, Industrial, Marine & other low RPM Applications
Replaces: Delco 1116409, 1988988, D674
Note: Webbed terminals, w/ stud.
Features:
- Self-exciting
- Accommodates 7 amp rotors
- Internal sense wire & instructions included



D17SE186
Regulator
16 Volt, A-Circuit, 18.2 Vset, Self Exciting

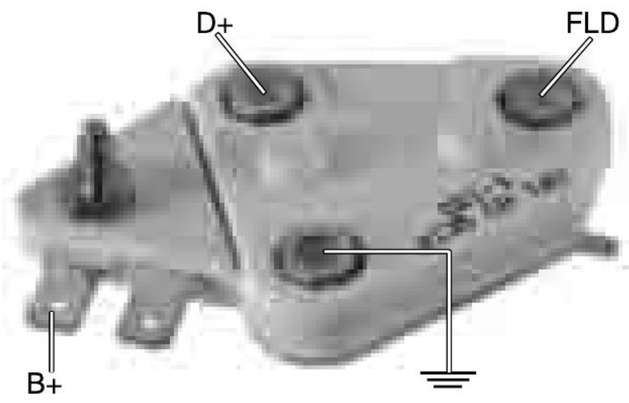
For: Delco 12SI, 17SI Series IR/EF Alternators
Note: Webbed terminals, w/ stud.
Features:
- Self-exciting, 1-Wire Hookup
- Custom 16V Battery Applications



D22AC-1
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Delco 10SI/Type 116, 20SI, 27SI/Type 200, 29SI, 30SI, 40SI Series IR/EF Alternators
Note: B-circuit conversion regulator.
1-wire system, w/ webbed terminals, w/ stud.
Features:
- Conversion Regulator
- Uses AC excited circuit
- Eliminates diode trio
- Fast cut-In
- Very low drain

20SI-34SI Series, 1-Wire

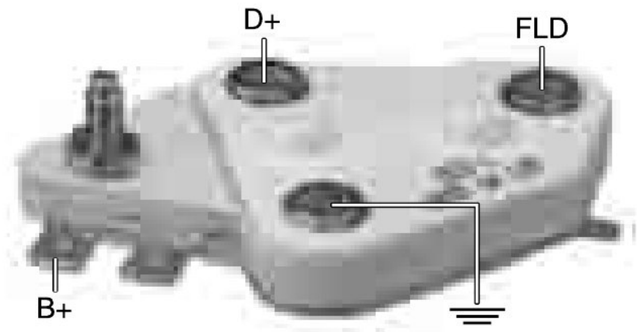


D21-1
Regulator
12 Volt, A-Circuit, 14.0 Vset

For: Delco 20SI, 21SI, 22SI, 26SI, 27SI/Type 200, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1116433, 1116435, 1116442, D686, D687, D690
Note: 1-wire system, w/ webbed terminals, w/ stud.
Web can be cut to reset voltage.
For heavy duty version use D33-1

D22-1
Regulator
12 Volt, A-Circuit, 14.5 Vset

Same as D21-1 except...
Note: 14.5 Vset
For heavy duty version use D33-145

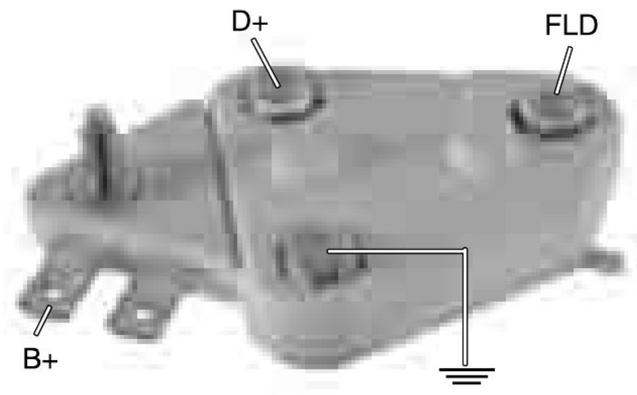


D33-1
(Ref# 35-126-2)
Regulator
12 Volt, A-Circuit, 14.1 Vset

For: Delco 20SI, 21SI, 22SI, 23SI, 26SI, 27SI/Type 200, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1116433, 1116435, 1116442, D686, D687, D690
Note: 1-wire system, w/ webbed terminals, w/ stud.
Web can be cut to reset voltage.
Features:
- Heavy Duty
- Accommodates 10 amp rotors

D33-145
(Ref# 35-126-1)
Regulator
12 Volt, A-Circuit, 14.5 Vset

Same as D33-1 except...
Note: 14.5 Vset



D27-1
(Ref# 35-105)
Regulator
12 Volt, A-Circuit, 14.0 Vset

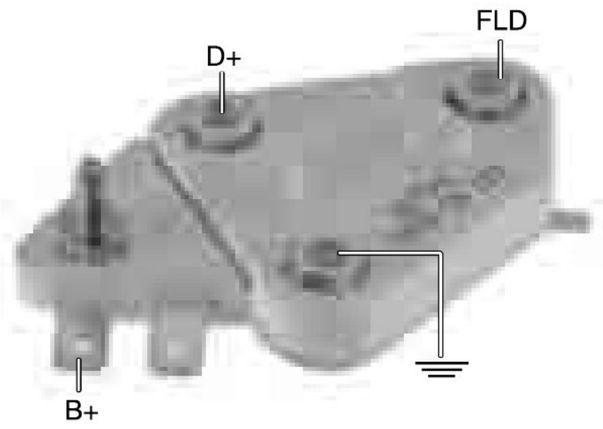
For: Delco 10SI/Type 116, 20SI, 27SI/Type 200, 29SI, 30SI, 40SI Series IR/EF Alternators
Replaces: Delco 1116389*, 1116406, 1116407, 1894489, D669, D672
Note: 1-wire system, w/ webbed terminals, w/ stud.
*Web can be cut to change voltage setting.
For heavy duty version use D102HD-1.

D102HD-1
(Ref# 35-105)
Regulator
12 Volt, A-Circuit, 14.0 Vset

Same as D27-1 except...
Features:
- Heavy Duty
- Compatible w/ 7 amp rotors
- Extremely low saturation voltage

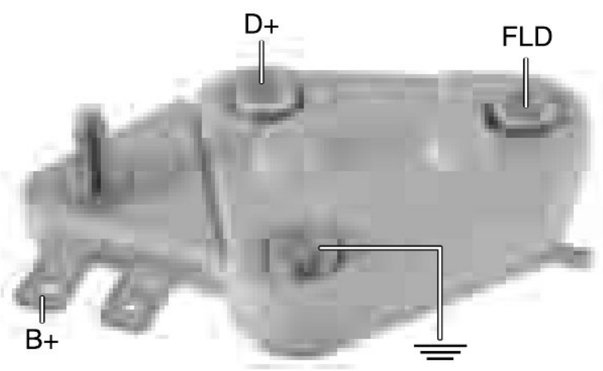
DELCO

20SI-34SI Series, 1-Wire (cont'd.)



D27S-1
Regulator
12 Volt, A-Circuit, 14.0 Vset

For: Delco 10SI/Type 116, 20SI, 27SI/Type 200, 29SI, 30SI, 40SI Series IR/EF Alternators
Replaces: Delco 1116406, 1116407, 1894489, D669, D672
Note: 1-wire system, w/ webbed terminals, w/ stud.
Factory set voltage - do NOT cut web.
S-series version of D27-1.
Features:
- S-Series
- Superior no load to full load voltage differential

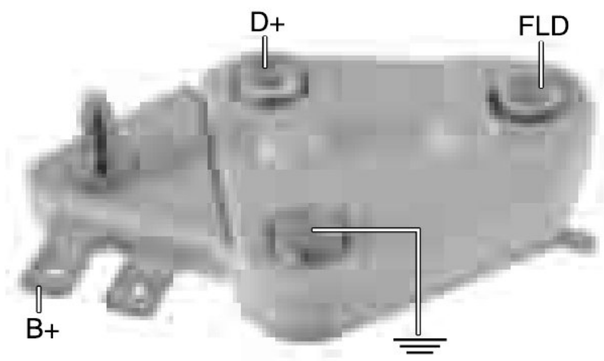


D30-1
(Ref# 35-104)
Regulator
24 Volt, A-Circuit, 27.5 Vset

For: Delco 10SI/Type 116, 20SI, 21SI, 22SI, 26SI, 27SI/Type 200, 29SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1116388*, 1116404, 1116405, 1894460, 1987518**
Note: 1-wire system, w/ webbed terminals, w/ stud.
*Web can be cut to reset voltage.
**Use D32S-1 to replace Delco 1987518 regulator on 32 volt, Delco 30SI w/ voltage adjustment block.
For heavy duty version use D104HD-1.

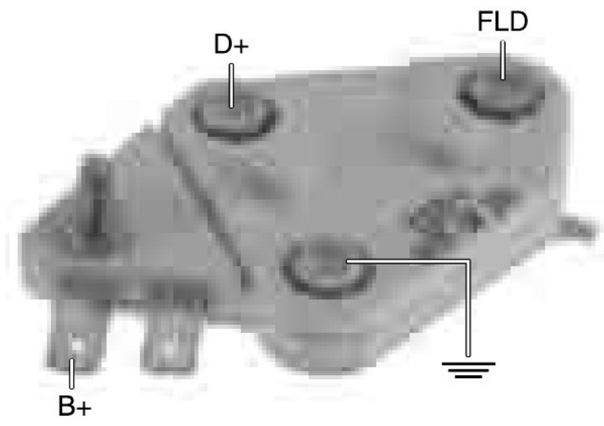
D104HD-1
(Ref# 35-106)
Regulator
24 Volt, A-Circuit, 27.5 Vset

Same as D30-1 except...
Features:
- Heavy Duty
- Accommodates 5 amp rotors



D30S-1
Regulator
24 Volt, A-Circuit, 27.5 Vset

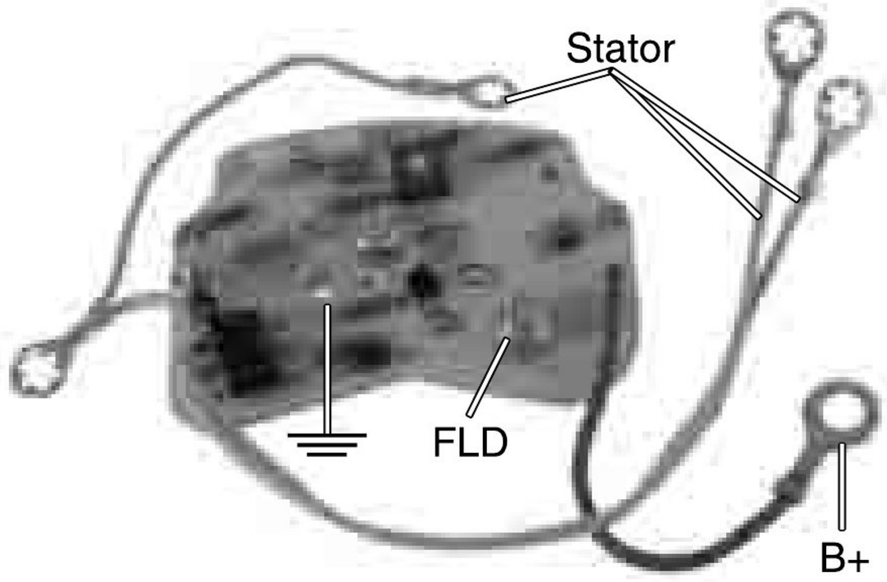
For: Delco 10SI/Type 116, 20SI, 21SI, 22SI, 26SI, 27SI/Type 200, 29SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1116404, 1116405, 1894460
Note: 1-wire system, w/ webbed terminals, w/ stud.
Factory set voltage - do NOT cut web.
S-series version of D30-1.
Features:
- S-Series
- Superior no load to full load voltage differential
- Instant cut-in



D32S-1
Regulator
32 Volt, A-Circuit, 37.5 Vset

For: Delco 30SI Series IR/EF Alternators
Replaces: Delco 1987518*
Note: 32 Volt version of D30S-1.
*Replaces Delco 1987518 regulator & 1876772 voltage adjustment block.
Features:
- S-Series
- Superior no load to full load voltage differential
- Instant cut-In

25SI Series

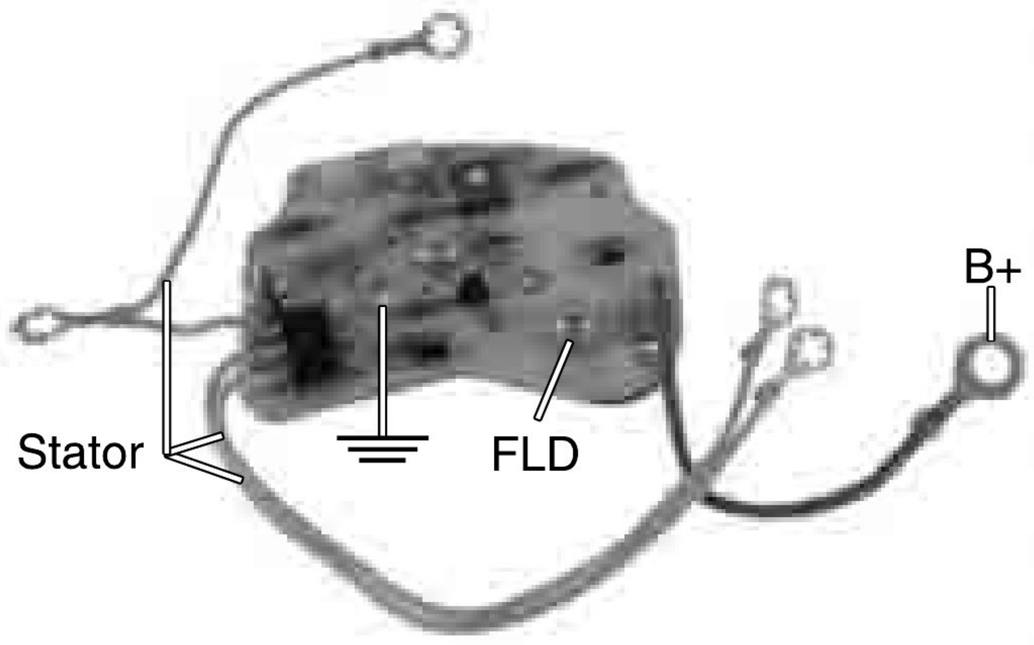


D812
(Ref# 35-107)
Regulator
12 Volt, A-Circuit, 14.2 Vset, Neg. Grd.

For: Delco 25SI Series IR/EF Alternators
Replaces: Delco 10498812
Note: For conversion to later style regulator use 49-1107 regulator conversion kit.
Features:
- Trio excited field
- Low standby drain

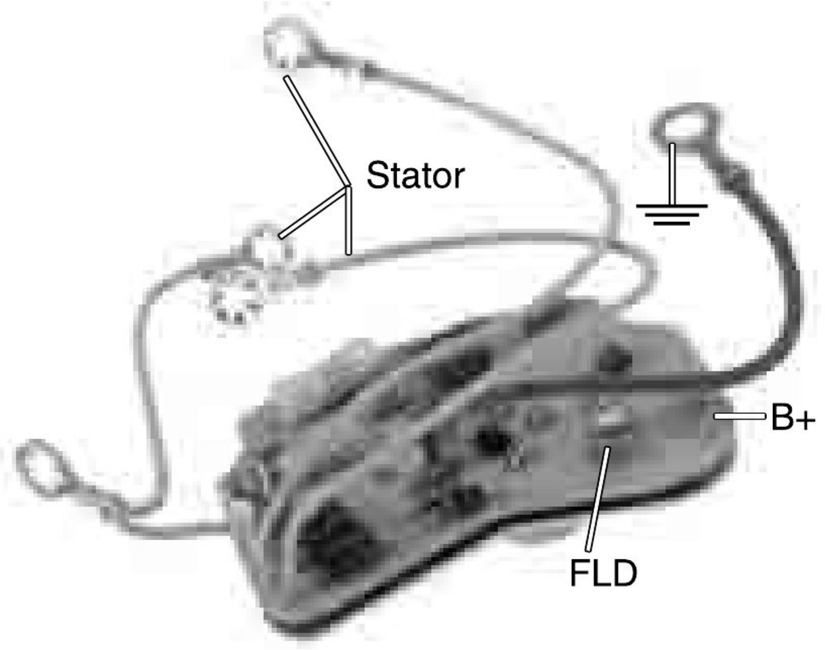
D812HD
Regulator
12 Volt, A-Circuit, 14.2 Vset, Neg. Grd.

Same as D812 except...
Features:
- Heavy Duty
- Trio powered field
- Low standby drain
- Fast cut-in



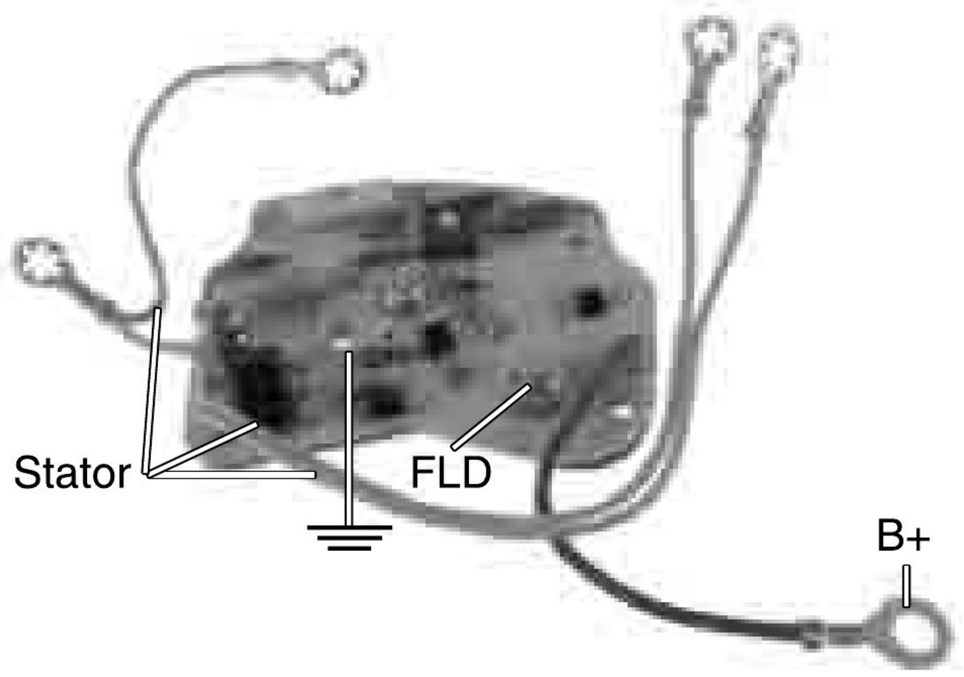
D813HD
Regulator
12 Volt, A-Circuit, 14.2 Vset, Neg. Grd.

For: Delco 25SI Series IR/EF Alternators
Replaces: Delco 800779, 1892813
Unit Nos: Delco 1117167, 227, 228, 240, 259, 260
Lester Nos: 7255, 8063
Features:
- Heavy Duty
- Trio powered field
- Low standby drain



D817HD
(Ref# 35-108)
Regulator
12 Volt, A-Circuit, 14.2 Vset, Pos. Grd.

For: Delco 25SI Series IR/EF Alternators
Replaces: Delco 800724, 1892817
Features:
- Heavy Duty
- Heavy duty
- Trio excited field
- Adjustable set point



D824
(Ref# 35-109)
Regulator
24 Volt, A-Circuit, 27.5 Vset, Neg. Grd.

For: Delco 25SI Series IR/EF Alternators
Replaces: Delco 10498824
Note: For conversion to later style regulator use 49-1108 regulator conversion kit.
Features:
- Trio excited field
- Low standby drain

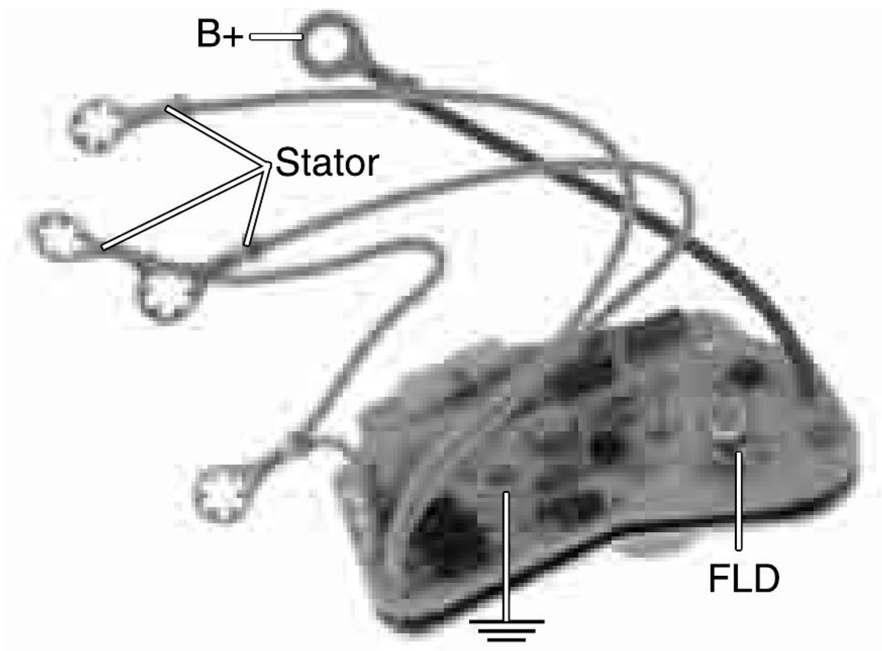
D824HD
Regulator
24 Volt, A-Circuit, 27.5 Vset, Neg. Grd.

Same as D824 except...
Features:
- Heavy Duty
- Trio powered field
- Low standby drain
- Fast cut-in

ALTERNATOR - REGULATORS (TRANSPO)

DELCO

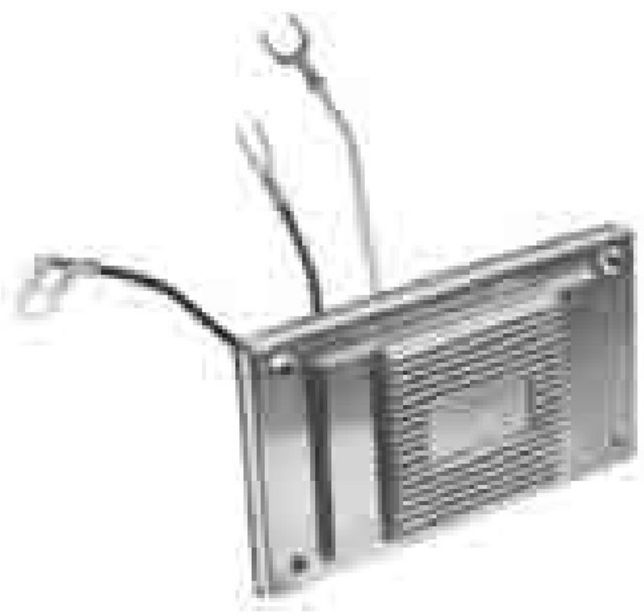
25SI Series (cont'd.)



D832HD
(Ref# 35-110)
Regulator
32 Volt, A-Circuit, 37.5 Vset, Neg. Grd.

For: Delco 25SI Series IR/EF Alternators
Replaces: Delco 800985, 1892832, 10498832
Features:
- Heavy Duty
- Trio Powered Field
- Low Standby Drain

31SI Series



D3101
Regulator
12 Volt, A-Circuit, 14.8 Vset

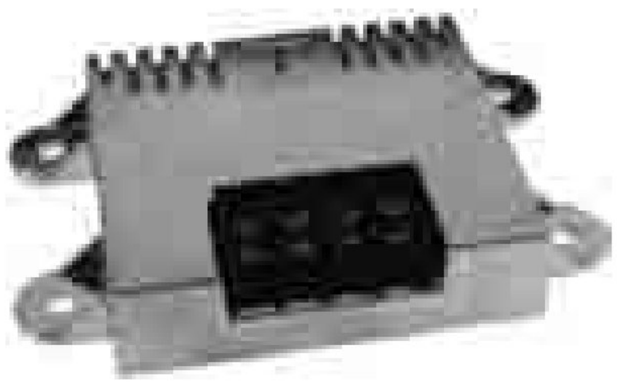
For: Delco 31SI Series 160-200A IR/EF Alternators
Replaces: Delco 19020401
Unit Nos: Delco 19011100, 19011101, 19011104, 19011105
Lester Nos: 8430, 8431, 8432, 8433

50DN Series



D698
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Delco 50DN Series Alternators
Replaces: Delco 10457698, 19020402, 19020403
Terminal ID: GND-FLD-BAT-IGN
Features:
- Die cast housing
- Adjustable voltage
- Encapsulated



D699
Regulator
24 Volt, B-Circuit, 27.5 Vset

For: Delco 50DN Series Alternators
Replaces: Delco 10457699, 19020404, D608A
Terminal ID: GND-FLD-BAT-IGN
Features:
- Die cast housing
- Adjustable voltage
- Encapsulated



D437
Regulator
24 Volt, A-Circuit, 27.5 Vset

For: Delco 50DN Series Alternators
Replaces: Delco 1118437
Terminal ID: FLD-BAT-IGN, Neg. (B-) Stud
Features:
- OE style case & terminal block



D443
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Delco 50DN Series Alternators
Replaces: Delco 1118443
Terminal ID: NEG-FLD-POS
Features:
• OE style case & terminal block



D447
Regulator
24 Volt, B-Circuit, 27.5 Vset

For: Delco 50DN Series Alternators
Replaces: Delco 1118447
Terminal ID: NEG-FLD-POS
Features:
• OE style case & terminal block



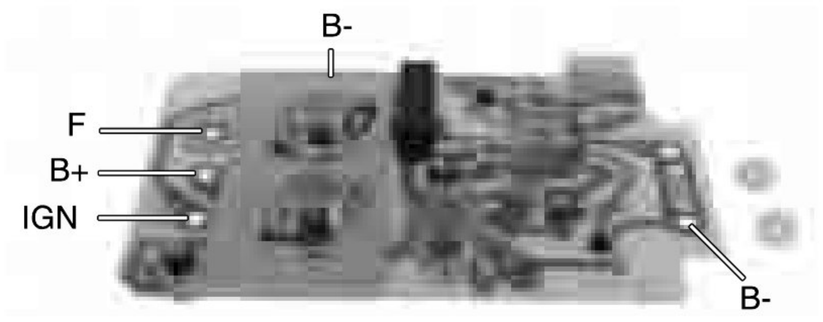
D551
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Delco 50DN Series Alternators
Used On: Bus, Industrial Applications
Replaces: Delco 9000551
Terminal ID: NEG-FLD-IGN
Features:
• OE style case & terminal block



D597
Regulator
24 Volt, B-Circuit, 27.5 Vset

For: Delco 50DN Series Alternators
Used On: Bus, Industrial Applications
Replaces: Delco 9000597
Terminal ID: NEG-FLD-IGN
Features:
• OE style case & terminal block



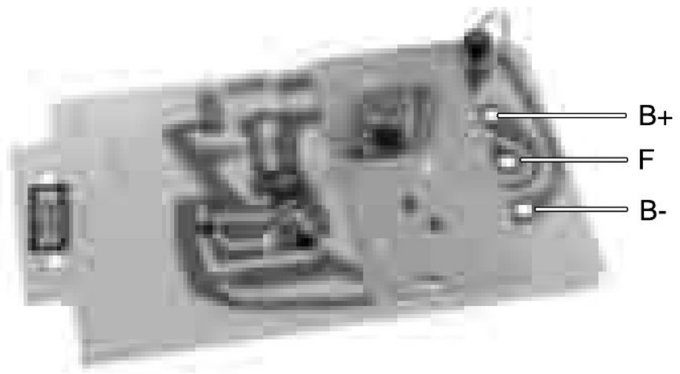
D437P
(Ref# 35-120)
Regulator Panel
24 Volt, A-Circuit, 27.5 Vset, Neg. Grd.

For: Delco 50DN Series Bus Alternators
Replaces: Delco 1977339
Note: Used in Delco 1118437 regulator (D437).
Features:
• 30 amp power transistor

ALTERNATOR - REGULATORS (TRANSPO)

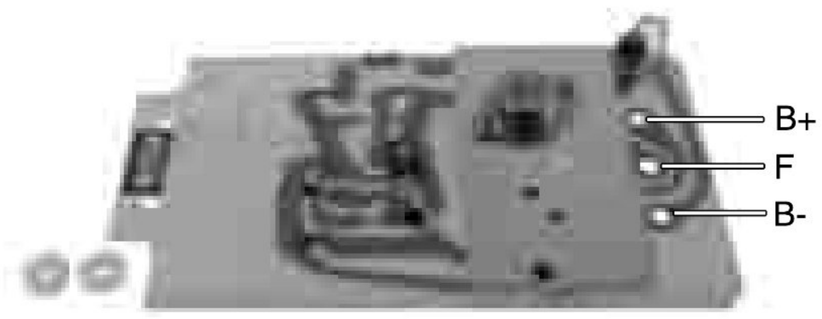
DELCO

50DN Series (cont'd.)



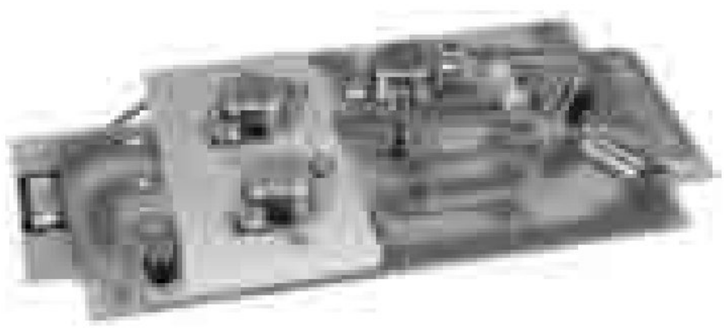
D443P
(Ref# 35-115)
Regulator Panel
12 Volt, B-Circuit., 14.2 Vset

For: Delco 50DN Series Bus Alternators
Used On: Bus, Industrial Applications
Replaces: Delco 1986085
Note: Used in Delco 1118443 regulator (D443)



D447P
(Ref# 35-116)
Regulator Panel
24 Volt, B-Circuit., 27.5 Vset

For: Delco 50DN Series Bus Alternators
Used On: Bus, Industrial Applications
Replaces: Delco 1986077
Note: Used in Delco 1118447 regulator (D447)



D551P
Regulator Panel
12 Volt, B-Circuit, 14.2 Vset

For: Delco 50DN Series Alternators
Used On: Bus, Industrial Applications
Replaces: Delco 1941463
Note: Used in Delco 9000551 regulator (D551).
Early design w/ wire wound resistors.

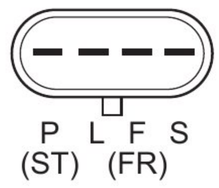


D597P
Regulator Panel
24 Volt, B-Circuit, 27.5 Vset

For: Delco 50DN Series Alternators
Used On: Bus, Industrial Applications
Replaces: Delco 1963309
Note: Used in Delco 9000597 regulator (D597).
Early design w/ wire wound resistors.

AD230, AD237, AD244 Series



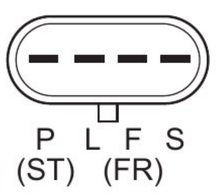


Plug Code 314

D198XHD
(Ref# 35-161)
Regulator
12 Volt, B-Circuit, P-L-F-S Terminals,
15.1 Vset, 10 sec. LRC

For: Delco AD230, AD237 Series IR/IF Alternators
Used On: (2005-99) Buick, Oldsmobile, Pontiac
Replaces: Delco 10483777, 10453673 (regulator stamped: 3673, 3777 or regulator & rectifier assy. stamped: 3776, 4190, 4572)
Unit Nos: Delco 10480241, 10480244, 10480303, 10480350, 10480357, 10480411, 10480414, 15744913, 25744163, 25744164, 25744165
Lester Nos: 8244, 8245, 8277, 8278, 8285, 8286
Note: For remote battery applications.
Designed for DR4402, DR4403 series rectifiers w/ screw down collar.
Features:
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life



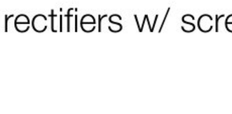


Plug Code 314

D199
Regulator
12 Volt, B-Circuit, P-L-F-S Terminals,
14.8 Vset, 2.5 sec. LRC

For: Delco AD230, AD244 Series IR/IF Alternators
Used On: (2005-03) Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac
(cont'd.)

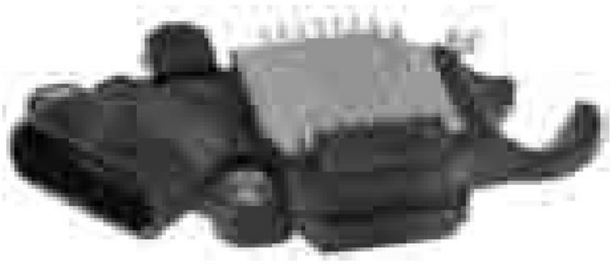
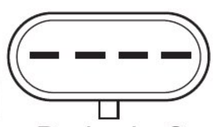
(cont'd.)
Replaces: Delco 19054622 (regulator stamped: 4622 or regulator & rectifier assy. stamped: 0498, 4621)
Unit Nos: Delco 15062413, 15162839, 15744910, 15754097, 15755616, 25744162
Lester Nos: 8290, 8291, 8292
Note: For later style ASVR regulator use D200XHD

Plug Code 314

D200XHD
(Ref# 35-162)
Regulator
12 Volt, B-Circuit, P-L-F-S Terminals,
14.8 Vset, 2.5 sec. LRC

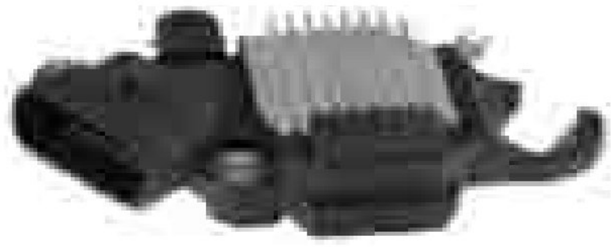
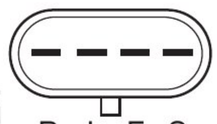
For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Used On: (2005-99) AM General, Buick, Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac, Saab
Replaces: Delco 10483643, 10486311, 19053013, 19053730, 19054622, 19060319 (regulator stamped: 0319, 3013, 3643, 3730, 4622, 6311 or regulator & rectifier assy. stamped: 0498, 0821, 3010, 3642, 3729, 3741, 4621, 5071)
Unit Nos: Delco 10311493, 10333165, 10333166, 10346705, 10442782, 10442783, 10480231, 10480234, 10480285, 10480326, 10480327, 10480341, 10480383, 10480388, 10480390, 15062413, 15162839, 15744910, 15750871, 15754097, 15754097A, 15755616, 15766829, 15766830, 15768829, 15768830, 15788630, 25744162
Lester Nos: 8237, 8241, 8247, 8273, 8287, 8288, 8289, 8290, 8291, 8292, 8293
Note: Designed for DR4402, DR4403 series rectifiers w/ screw down collar.
Features:
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life

Plug Code 313

D201XHD
Regulator
12 Volt, B-Circuit, P-L-I-S Terminals,
14.8 Vset, 2.5 sec. LRC

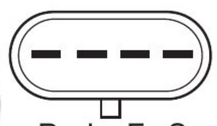
For: Delco AD230 Series IR/IF Alternators
Used On: (1999) Chevrolet, GMC
Replaces: Delco 10494747 (regulator stamped: 4747 or regulator & rectifier assy. stamped: 4743)
Unit Nos: Delco 10480229
Lester Nos: 8238
Note: Designed for DR4402, DR4403 series rectifiers w/ screw down collar.
Features:
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life

Plug Code 314

D202XHD
Regulator
12 Volt, B-Circuit, P-L-F-S Terminals,
14.2 Vset, 2.5 sec. LRC

For: Delco AD230, AD244 Series IR/IF Alternators
Used On: Chevrolet Trucks, GMC Trucks
Replaces: Delco 10454669, 15163024, 15163025, 19051739 (regulator stamped: 1739 or regulator & rectifier assy. Stamped: 1519, 2584)
Unit Nos: Delco 10480270, 10480271, 10480479, 10480480, 15056099, 15056100, 15087020, 15087021, 15087022, 15087023, 15087024, 15769252, 15769253, 15769254
Lester Nos: 8490, 8491, 8492, 8493, 8494, 8495, 8496
Note: Without temperature compensation.
Designed for DR4402, DR4403 series rectifiers w/ screw down collar.
Features:
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life

Plug Code 314

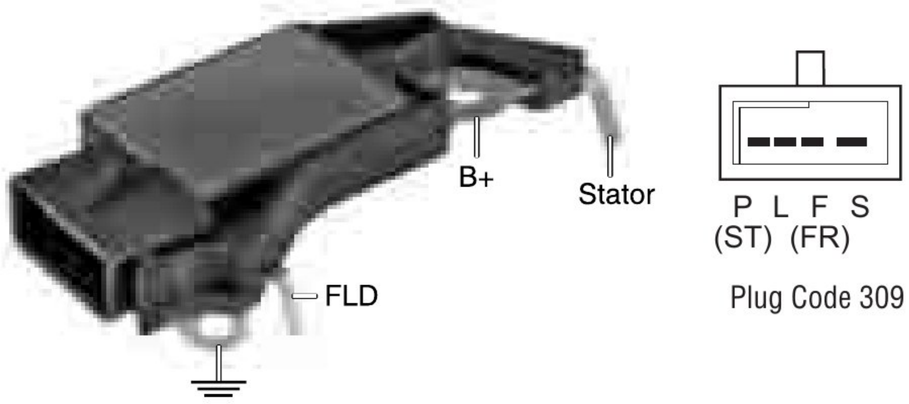
D203XHD
(Ref# 35-164)
Regulator
12 Volt, B-Circuit, P-L-F-S Terminals,
14.8 Vset, 10 sec. LRC

For: Delco AD237 Series IR/IF Alternators
Used On: (2002-99) Buick
Replaces: Delco 10454656, 10484046, 19060146 (regulator stamped: 0146, 4046, 4656 or regulator & rectifier assy. stamped: 4045)
Unit Nos: Delco 10480298, 10480368, 10480428
Lester Nos: 8235
Note: Designed for DR4402, DR4403 series rectifiers w/ screw down collar.
Features:
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life

ALTERNATOR - REGULATORS (TRANSPO)

DELCO

CS121, CS130, CS144 Series



Plug Code 309

D408XHD

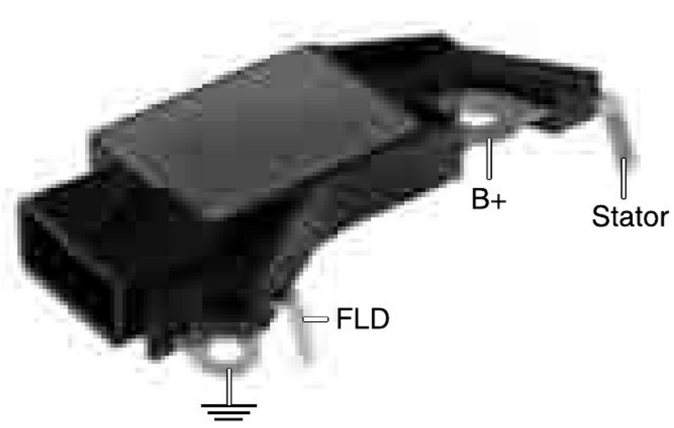
(Ref# 35-117)

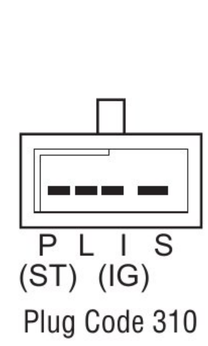
Regulator

12 Volt, B-Circuit, P-L-F-S Terminals,

14.8 Vset, 2.5 sec. LRC

For: Delco CS130, CS144 Series IR/EF Alternators
Used On: (1992-86) Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac
Replaces: Delco 1116408, 1116428, 19009755, D675, D699 (regulator stamped: 108, 128, 408, 428)
Unit Nos: Delco 1101146, 1101158, 1101200, 1101216, 1101221, 1101222, 1101325, 1101326, 1101329, 1101331, 1101590, 1101844, 1105612, 1105614, 1105615, 1105616, 1105625, 1105626, 1105641, 1105644, 1105646, 1105657, 1105659, 1105660, 1105662, 1105663, 1105664, 1105665, 1105666, 1105667, 1105668, 1105669, 1105670, 1105671, 1105672, 1105678, 1105684, 1105685, 1105689, 1105695, 10479843, 10480011, 10480012, 10480033, 10480034, 10481034
Lester Nos: 7801, 7803, 7804, 7805, 7806, 7807, 7808, 7812, 7813, 7820, 7872, 7985, 8134, 8136
Features:
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life





Plug Code 310

D411XHD

(Ref# 35-127)

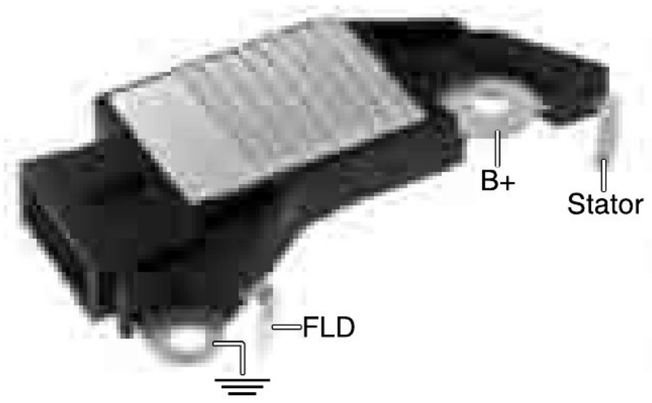
Regulator

12 Volt, B-Circuit, P-L-I-S Terminals,

14.8 Vset, 2.5 sec. LRC

For: Delco CS121, CS130, CS144 Series IR/EF Alternators
Used On: (2000-87) Buick, Cadillac, Chevrolet, Dodge, Eagle, Geo, GMC, Isuzu, Jeep, Oldsmobile, Pontiac, Saturn, Toyota
Replaces: Delco 1116411, 1116429, 1116436, 1116437, 13120469, 19009752, D677, D685, D698 (regulator stamped: 111, 129, 136, 137, 411, 429, 436, 437)
(cont'd.)

(cont'd.)
Unit Nos: Delco 1101101, 106, 107, 110, 111, 114, 119, 120, 121, 122, 123, 124, 125, 126, 127, 130, 131, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 148, 149, 150, 151, 153, 154, 160, 161, 162, 163, 165, 166, 167, 168, 170, 171, 172, 173, 174, 175, 176, 177, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 198, 208, 209, 210, 211, 212, 213, 214, 217, 218, 223, 227, 229, 230, 231, 232, 233, 234, 235, 237, 238, 239, 246, 247, 248, 249, 250, 253, 254, 255, 259, 263, 264, 266, 267, 271, 272, 273, 274, 275, 277, 278, 291, 292, 293, 310, 311, 313, 316, 317, 318, 319, 320, 321, 327, 344, 346, 349, 454, 461, 464, 465, 466, 467, 473, 475, 483, 486, 487, 491, 493, 495, 500, 521, 531, 563, 564, 565, 567, 573, 577, 580, 582, 583, 584, 593, 595, 596, 597, 599, 600, 601, 603, 604, 605, 606, 608, 612, 614, 615, 616, 617, 618, 619, 620, 621, 623, 626, 628, 629, 630, 632, 633, 634, 635, 636, 637, 638, 639, 642, 644, 645, 646, 647, 648, 649, 650, 802, 805, 807, 810, 812, 814, 815, 819, 822, 832, 843, 846, 849; 1102600, 601, 602, 603, 604, 607, 614, 615, 617, 625, 626, 629, 630, 631, 634, 637, 639, 641, 642, 643, 644; 1105661, 688, 694, 697, 698, 701, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 725; 10430484; 10479800, 801, 802, 805, 806, 807, 808, 809, 814, 815, 816, 817, 836, 838, 839, 844, 847, 853, 854, 855, 874, 883, 884, 891, 893, 895, 896, 897, 898, 901, 902, 903, 904, 905, 906,9907, 909, 910, 911, 912, 913, 920, 921, 922, 937, 938, 954, 962, 963, 966, 969, 974, 989, 993, 997, 998; 10480010, 024, 025, 026, 027, 028, 035, 036, 037, 040, 067, 068, 069, 077, 082, 083, 084, 085, 086, 087, 090, 091, 092, 094, 097, 099, 104, 105, 111, 114, 115, 121, 122, 127, 130, 131, 133, 134, 136, 137, 138, 139, 157, 181, 200, 201, 202, 203, 206, 211, 255; 21021447, 21022772, 21022893; 21023516, 21023702, 21023724
Lester Nos: 7801, 02, 06, 08, 17, 18, 19, 58, 59, 60, 61, 64, 67, 70, 72, 73, 80, 83, 86, 88, 94, 97; 7902, 10, 14, 17, 18, 21, 25, 26, 29, 33, 37, 39, 64, 68, 73, 74, , 84; 8103, 06, 07, 12, 14, 19, 30, 37, 53, 54, 63, 65, 67, 69, 71, 72, 73, 79, 98; 8203, 04, 14, 15, 17, 18, 19
Note: With temperature compensation.
Features:
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life



D411HD-1

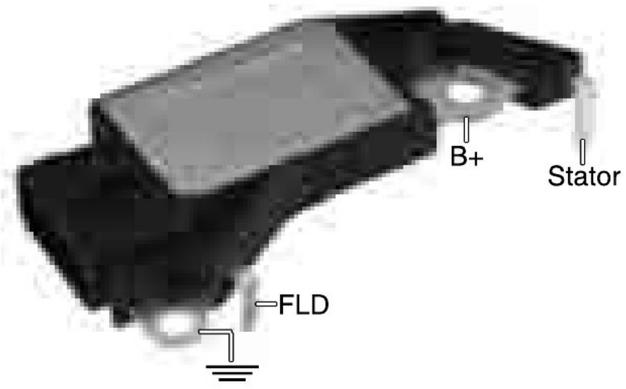
(Ref# 35-127-6, 35-127-HD)

Regulator

12 Volt, B-Circuit, P-L-I-S Terminals

14.7 Vset, 2.5 sec. LRC

Same as D411XHD except...
Features:
- Heavy Duty w/ oversize MOSFET
- Finned heat sink, 72% more surface area - runs cooler than OE



D411SE

(Ref# 35-127-SE)

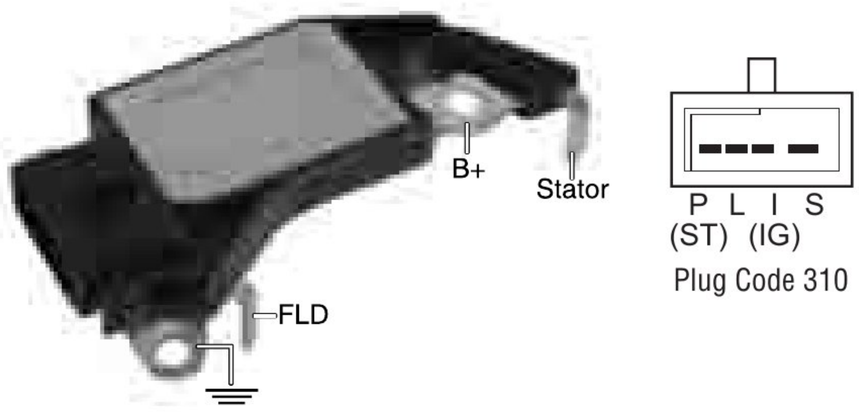
Regulator

12 Volt, B-Circuit, 14.7 Vset, Self Exciting

Same as D411XHD except...

Features:

- Self-exciting, 1-wire system



Plug Code 310

D440-1

(Ref# 35-128)

Regulator

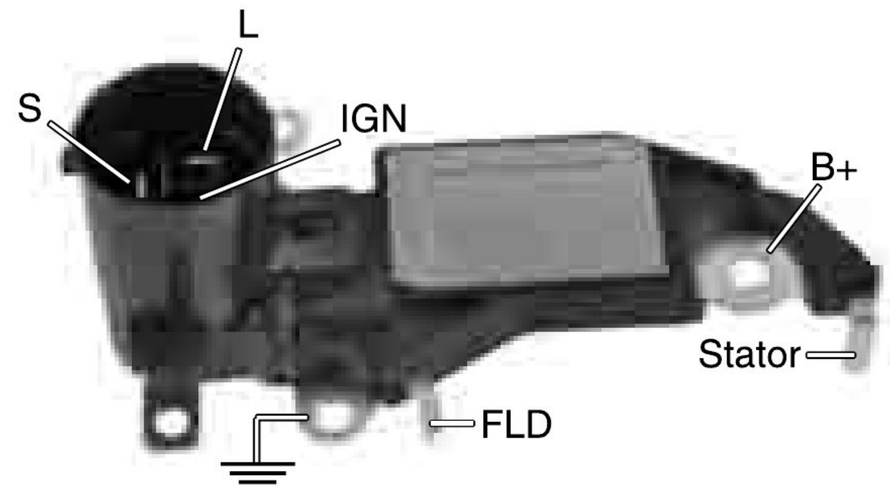
12 Volt, B-Circuit, P-L-I-S Terminals,

14.7 Vset, 2.5 sec. LRC

For: Delco CS121 Series IR/EF Alternators
Used On: (1995-93) Geo, Toyota
Replaces: Delco 1116440 (regulator stamped: 140, 440)
Unit Nos: Delco 1101626*, 10479805, 10480095, 10480096; Toyota 27060-02020, 27060-02050, 27060-02070, 27060-74200*
Lester Nos: 8106, 8128
Note: *D440-1 regulator & 46-1804 (DNM440) plug adapter will replace the earlier design 3-terminal plug adapter w/ built-in circuitry & 1116411 regulator.

Features:

- Special circuit to handle extra load through the light circuit
- Powers 6-dash lamps during key-on condition
- Turns on through I-terminal
- Use w/ 46-1804 (DNM440) connector or use D440G
- Solves problem with OE weak circuit



D440G

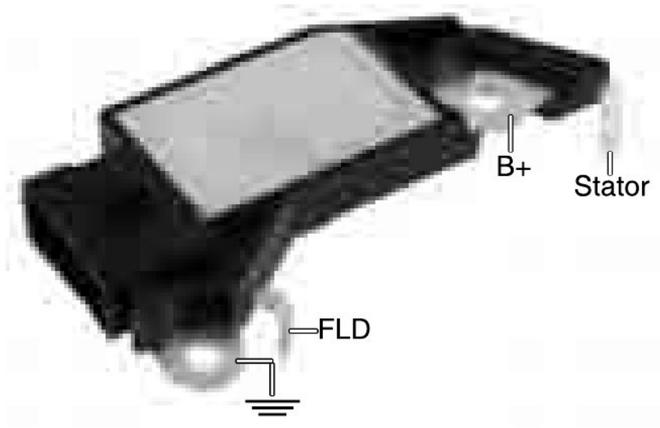
(Ref# 35-142)

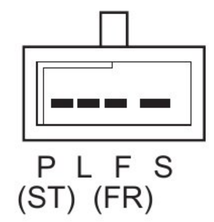
Regulator & Connector Assy.

12 Volt, B-Circuit, P-L-I-S Terminals,

14.7 Vset, 2.5 sec. LRC

Same as D440-1 except...
Note: Includes 46-1804 (DNM440) Connector & D440-1 Regulator





Plug Code 309

D412

(Ref# 35-119)

Regulator

12 Volt, B-Circuit, P-L-F-S Terminals,

14.6 Vset*, 10 sec. LRC

For: Delco CS144 Series IR/EF Alternators
Used On: (1995-87) Buick, Cadillac, Oldsmobile
Replaces: Delco 1116412, 1116434
(regulator stamped: 412, 434)
Unit Nos: Delco 1101133, 270, 295, 330, 574, 591, 850; 10480018, 019, 120, 186, 276
Lester Nos: 7863, 8113, 8174, 8183, 8191
Note: Remote temperature compensation. Used on applications w/ instrument cluster gauges.
*14.6 Vset thru thermistor at 25° C. Must use 1800 Ohm resistor when testing. Resistor simulates the thermistor in the vehicle.

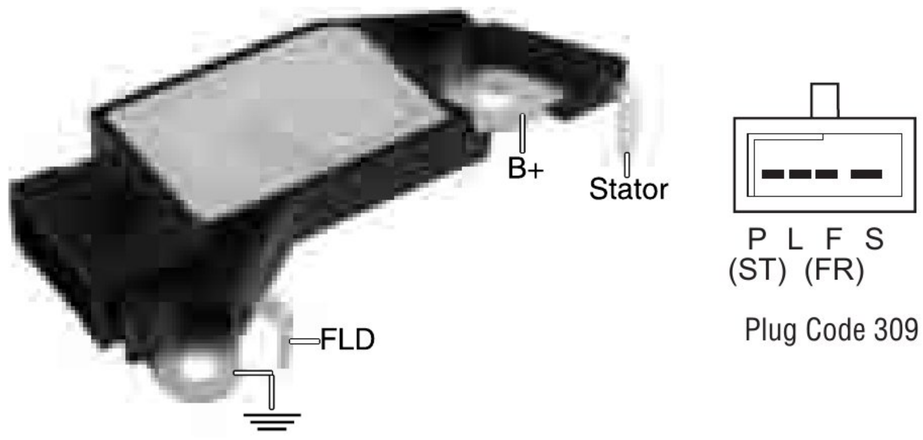
Features:

- Soft start
- Short-circuit protection

ALTERNATOR - REGULATORS (TRANSPO)

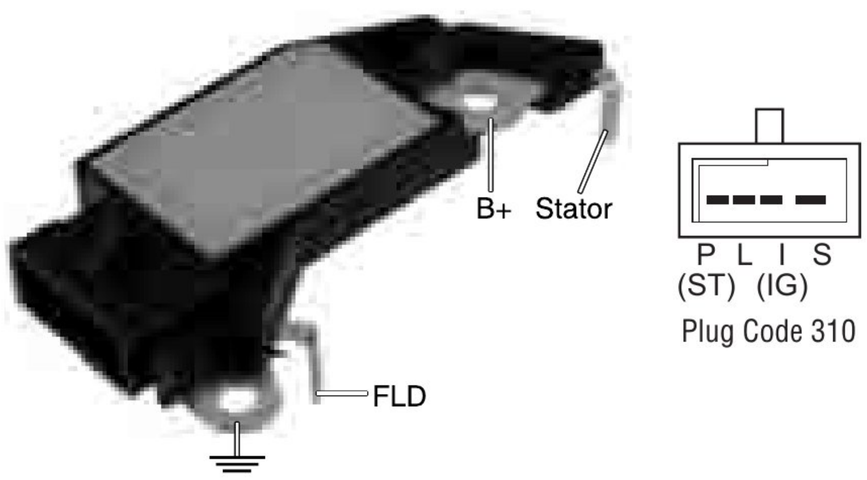
DELCO

CS121, CS130, CS144 Series (cont'd.)



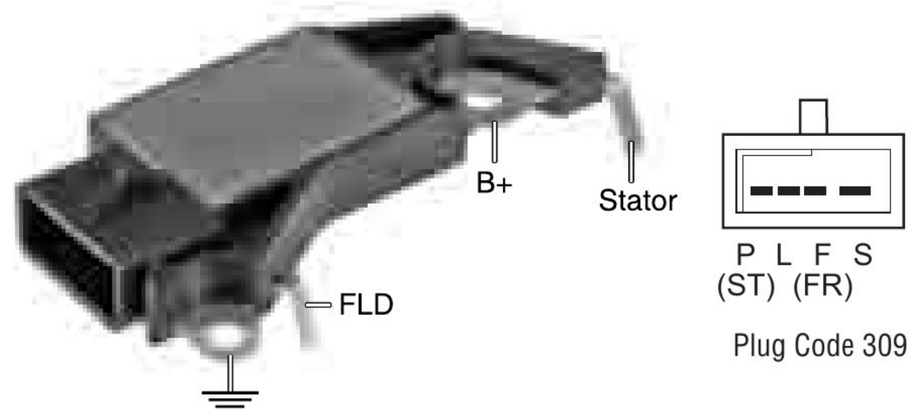
D712
(Ref# 35-139)
Regulator
12 Volt, B-Circuit, P-L-F-S Terminals,
14.6 Vset*, 10 sec. LRC

For: Delco CS144 Series IR/EF Alternators
Used On: (1999-87) Buick, Cadillac, Oldsmobile
Replaces: Delco 1116412, 1116434, 19009712 (regulator stamped: 412, 434, 712)
Unit Nos: Delco 1101133, 270, 295, 330, 574, 591, 850; 10480018, 019, 120, 177, 186, 204, 276, 279, 282
Lester Nos: 7863, 8113, 8174, 8183, 8188, 8191, 8194
Note: Remote temperature compensation. Used on applications w/ instrument cluster gauges.
Caution: *14.6 Vset thru thermistor at 25° C.
Must use 1800 Ohm resistor when testing. Resistor simulates the thermistor in the vehicle.
Features:
- Soft start
- Short-circuit protection



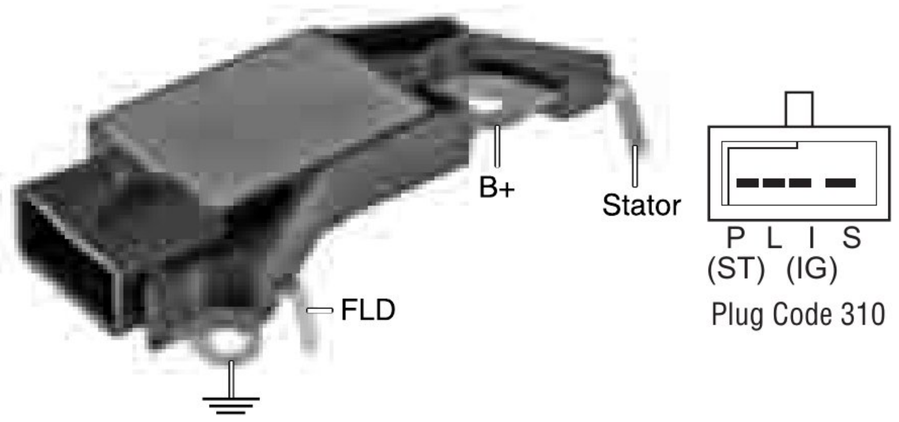
D425XHD
(Ref# 35-124)
Regulator
12 Volt, B-Circuit, P-L-I-S Terminals,
14.2 Vset, 2.5 sec. LRC

For: Delco CS130, CS144 Series IR/EF Alternators
Used On: (1999-89) Chevrolet, GMC; Chevrolet Truck, Freightliner, GMC Truck
Replaces: Delco 1116425, 19009724, D683 (regulator stamped: 125, 425)
Unit Nos: Delco 1101478, 480, 482, 561, 566, 571, 806, 818; 1102605, 616, 635; 10479852, 959, 976; 10480022, 023, 062, 088, 089, 093, 098, 156, 192, 267, 269
Lester Nos: 7678, 7684, 7687, 7903, 7945, 7955, 7959, 7960, 7977, 8166, 8175, 8209, 8221, 8295
Note: Without temperature compensation
Features:
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life



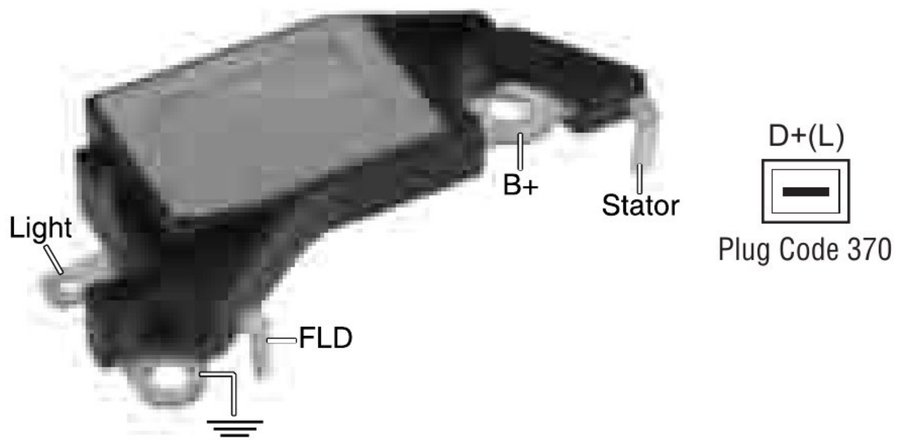
D445XHD
(Ref# 35-140)
Regulator
12 Volt, B-Circuit, P-L-F-S Terminals,
14.8 Vset, 10 sec. LRC

For: Delco CS130, CS144 Series IR/EF Alternators
Used On: (1999-88) Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 1116413, 1116430, 1116445, 19009730 (regulator stamped: 113, 130, 430, 445))
Unit Nos: Delco 1101284, 1101294, 1101296, 1101350, 1101490, 1101518, 1101519, 1101578, 1101579, 1101847, 10479995, 10479996, 10480008, 10480009, 10480048, 10480055, 10480116, 10480172, 10480205, 10480227, 10480265, 10480278, 10480296, 10480297, 10480310, 10480311, 10480347, 10480363, 10880227
Lester Nos: 7806, 7904, 7942, 7966, 7969, 8127, 8170, 8189, 8202, 8213, 8225, 8226, 8248
Features:
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life



D446XHD
(Ref# 35-136)
Regulator
12 Volt, B-Circuit, P-L-I-S Terminals,
14.8 Vset, 10 sec. LRC

For: Delco CS144 Series IR/EF Alternators
Used On: (1995-94) Buick, Oldsmobile, Pontiac
Replaces: Delco 1116446, 19009731, D602A (regulator stamped: 446)
Unit Nos: Delco 10480135, 10480171
Lester Nos: 8192, 8193
Features:
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life



Plug Code 370

D432

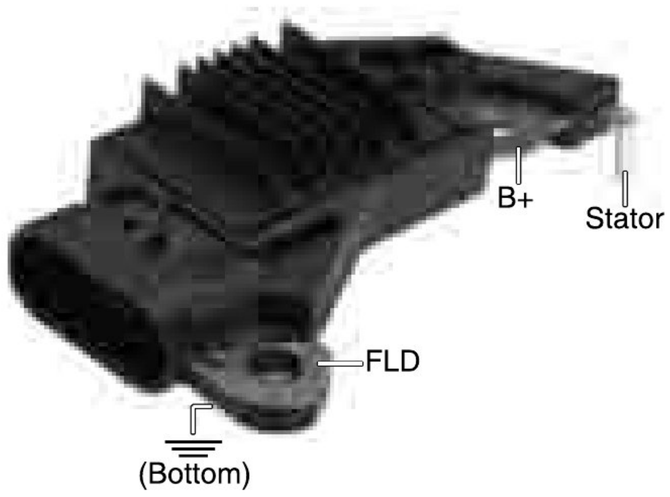
(Ref# 35-125)

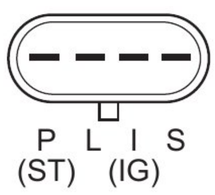
Regulator

12 Volt, B-Circuit, 1-Spade L-Terminal, 14.7 Vset

For: Delco CS121 Series IR/EF Alternators
Used On: (1989-88) Pontiac, Daewoo, Opel, Suzuki
Replaces: Delco 1116432 (regulator stamped: 132, 432)
Unit Nos: Delco 1101816
Lester Nos: 7954

CS121D, CS130D Series





Plug Code 313

D702XHD

(Ref# 35-132)

Regulator

12 Volt, B-Circuit, P-L-I-S Terminals, 14.8 Vset, 2.5 sec. LRC

For: Delco CS121D, CS130D Series IR/IF Alternators
Used On: (2002-93) Buick, Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac, Saturn
Replaces: Delco 19009702, 19009719, 19009757 (regulator stamped: 102, 702)
Unit Nos: Delco 10470119, 10479981, 10479984, 10480017, 10480052, 10480071, 10480072, 10480078, 10480119, 10480167, 10480168, 10480187, 10480188, 10480189, 10480190, 10480195, 10480196, 10480198, 10480233, 10480235, 10480236, 10480237, 10480238, 10480263, 10480308, 10480342, 10480343, 15757624, 21012992, 21022992, 21023969, 21024727, 21024736
Lester Nos: 8155, 8156, 8160, 8206, 8208, 8227, 8232, 8242
Note: With temperature compensation.
Features:
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life

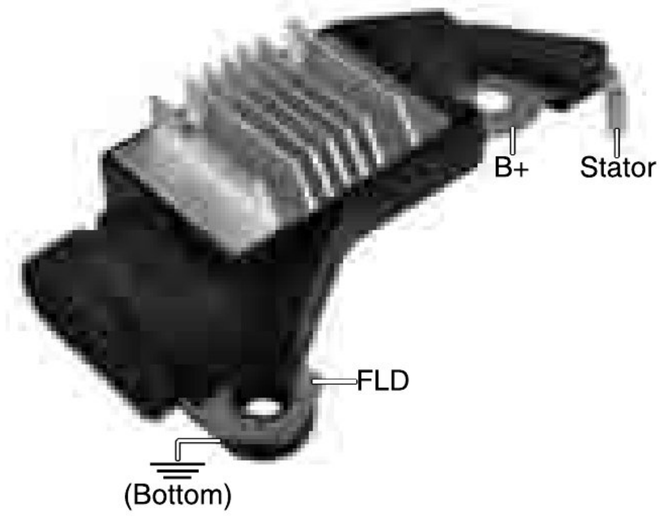
D702-1

(Ref# 35-132)

Regulator

12 Volt, B-Circuit, P-L-I-S Terminals, 14.7 Vset, 2.5 sec. LRC

Same as D702XHD except...
Features:
- Best Value (non ASVR)

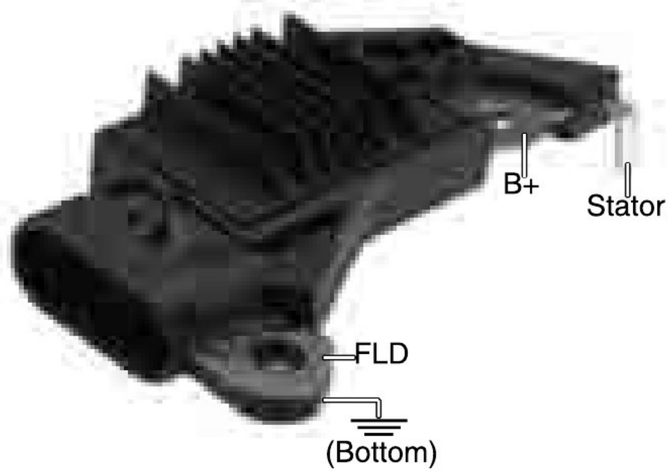


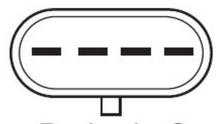
D702SE

Regulator

12 Volt, B-Circuit, 14.7 Vset, Self Exciting

Same as D702 except...
Features:
- Self-exciting, 1-wire system





Plug Code 313

D703XHD

(Ref# 35-133)

Regulator

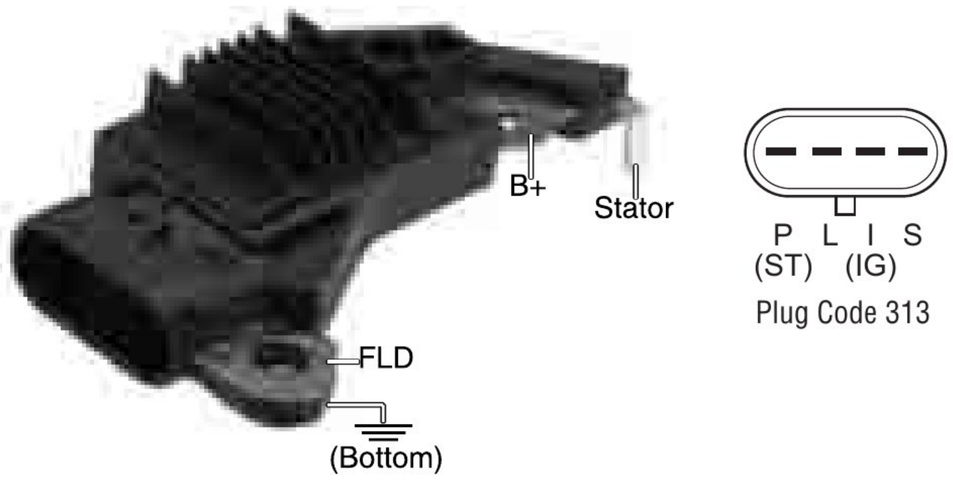
12 Volt, B-Circuit, P-L-I-S Terminals, 14.8 Vset, 10 sec. LRC

For: Delco CS130D Series IR/IF Alternators
Used On: (1998-94) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 19009703, 19009734 (regulator stamped: 703, 734)
Unit Nos: Delco 10480043, 10480182, 10480240, 10480262, 10480264, 10480307
Lester Nos: 8158, 8200
Note: With temperature compensation
Features:
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life

ALTERNATOR - REGULATORS (TRANSPO)

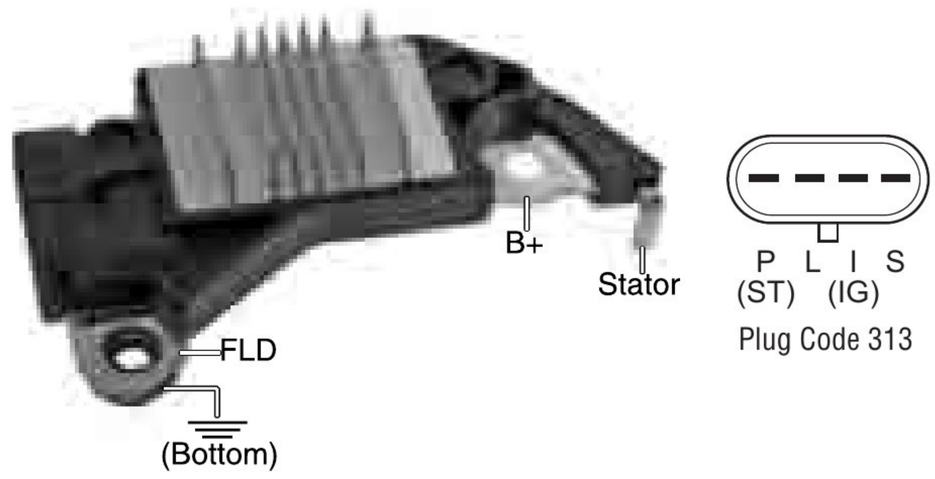
DELCO

CS121D, CS130D Series (cont'd.)



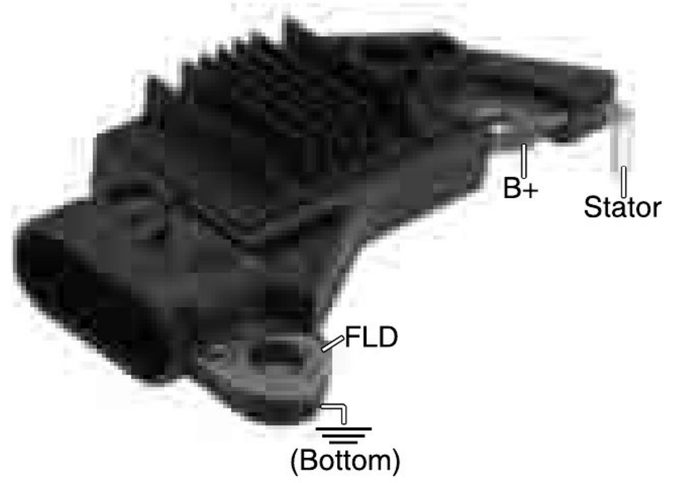
D706XHD
(Ref# 35-138)
Regulator
12 Volt, B-Circuit, P-L-I-S Terminals,
14.2 Vset, 2.5 sec. LRC

For: Delco CS130D Series IR/IF Alternators
Used On: (1999-96) Chevrolet, GMC P Series Truck
Replaces: Delco 19009706, 19009725 (regulator stamped: 706, 725)
Unit Nos: Delco 10480170
Lester Nos: 8216
Note: Without temperature compensation
Features:
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life



D734
Regulator
12 Volt, B-Circuit, P-L-I-S Terminals,
14.6 Vset, 10 sec. LRC

For: Delco CS130D Series IR/IF Alternators
Used On: (1999) Chevrolet, Pontiac
Replaces: Delco 19009734 (regulator stamped 9734)
Unit Nos: Delco 10480307
Lester Nos: 8200
Note: For later style ASVR regulator use D703XHD
Features:
- Full short circuit protection

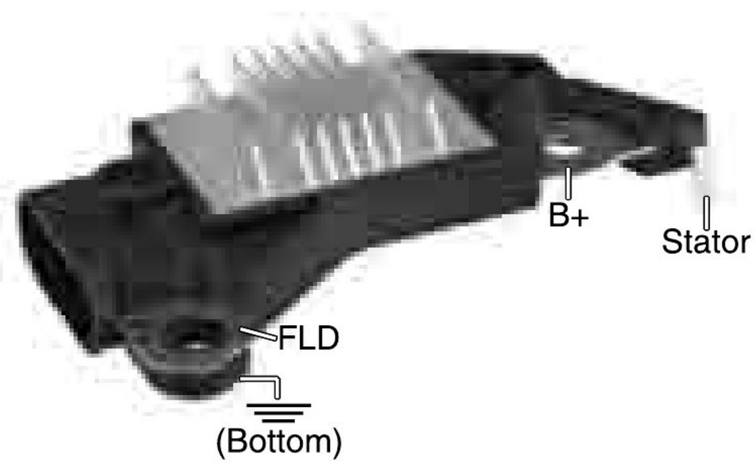


D705XHD
(Ref# 35-137)
Regulator
12 Volt, B-Circuit, P-L-F-S Terminals,
14.8 Vset, 10 sec. LRC

For: Delco CS130D Series IR/IF Alternators
Used On: (2003-95) Buick, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac
Replaces: Delco 19009705, 19009729, 19009763 (regulator stamped: 705, 9729)
Unit Nos: Delco 10480074, 076, 079, 184, 191, 207, 217, 218, 250, 251, 252, 254, 259, 260, 289, 299, 301, 320, 321, 322, 332, 351, 353, 354, 361, 362
Lester Nos: 8190, 8197, 8199, 8222, 8223, 8224, 8228, 8229, 8230, 8231, 8233, 8240, 8275, 8276
Note: With temperature compensation.
Used on vehicles w/ digital instrument cluster.
Features:
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life

D705-1
(Ref# 35-137)
Regulator
12 Volt, B-Circuit, P-L-F-S Terminals,
14.7 Vset, 10 sec. LRC

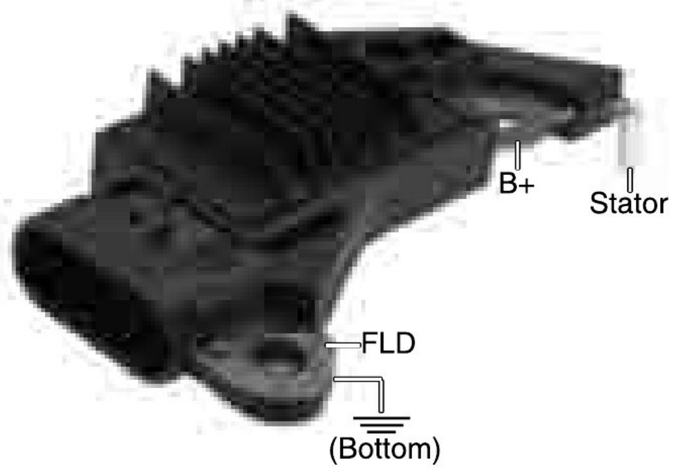
Same as D705XHD except...
Features:
- Best Value (non ASVR)

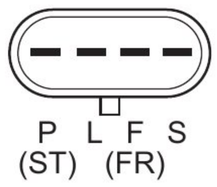


D729
(Ref# 35-137)
Regulator
12 Volt, B-Circuit, P-L-F-S Terminals,
14.6 Vset, 5 sec. LRC

For: Delco CS130D Series IR/IF Alternators
Used On: (2002-99) Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 19009729 (regulator stamped: 729)
Unit Nos: Delco 10480320, 10480321, 10480322, 10480361, 10480362
(cont'd.)

(cont'd.)
Lester Nos: 8275, 8276
Note: With temperature compensation.
For later style ASVR regulator use D705XHD.
Features:
• Full short-circuit protection



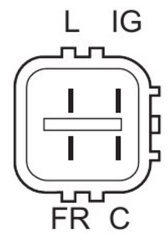


Plug Code 314

D749XHD
(Ref# 35-158)
Regulator
12 Volt, B-Circuit, P-L-F-S Terminals,
14.8 Vset, 2.5 sec. LRC

For: Delco CS130D Series IR/IF Alternators
Used On: (2005-99) Buick, Chevrolet, GMC, Oldsmobile, Pontiac
Replaces: Delco 19009748, 19009749, 19009761 (regulator stamped: 749, 9748, 9761)
Unit Nos: Delco 10437987, 10437988, 10449257, 10480288, 10480292, 10480317, 10480318, 10480330, 10480331, 10480336, 10480346, 10480348, 10480352, 10480378, 15760058
Lester Nos: 8234, 8243, 8249, 8270, 8271, 8272, 8279, 8283
Features:
• Heavy Duty ASVR Design
• OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
• Welded construction - no solder joints for hi-temperature reliability & increased field life





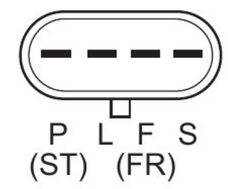
Plug Code 296

D9715
(Ref# 35-141)
Regulator
12 Volt, B-Circuit, C-FR-IG-L Terminals, 14.7 Vset

For: Delco CS130D Series IR/IF Alternators
Used On: (1999-97) Acura, Honda
Replaces: Delco 19009715, Hitachi TR1Z-125
Unit Nos: Delco 10480228; Honda 31100-P8A-A01, -A02
Lester Nos: 8220
Features:
• Computer Controlled
• Ignition Activated

LR630 Series



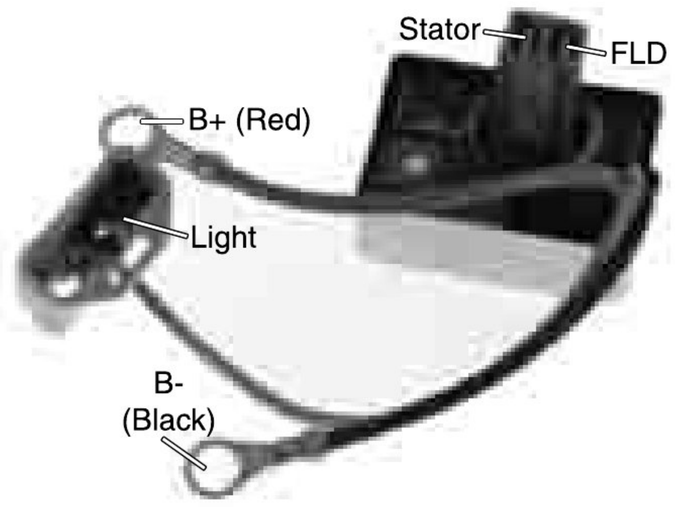


Plug Code 314

D751
Regulator
12 Volt, B-Circuit, P-L-F-S Terminals
***15.1 Vset, 10 sec. LRC**

For: Delco LR630 Series IR/IF Water-Cooled Alternators
Used On: (2000) Cadillac
Replaces: Delco 19009736, 19009751
Unit Nos: Delco 10480280, 10480340
Lester Nos: 8294
Note: *D751 (19009751) is not used with Remote TC Network as is early 19009733 regulator
Features:
• Smart cluster compatible

Specialty Conversion Regulators

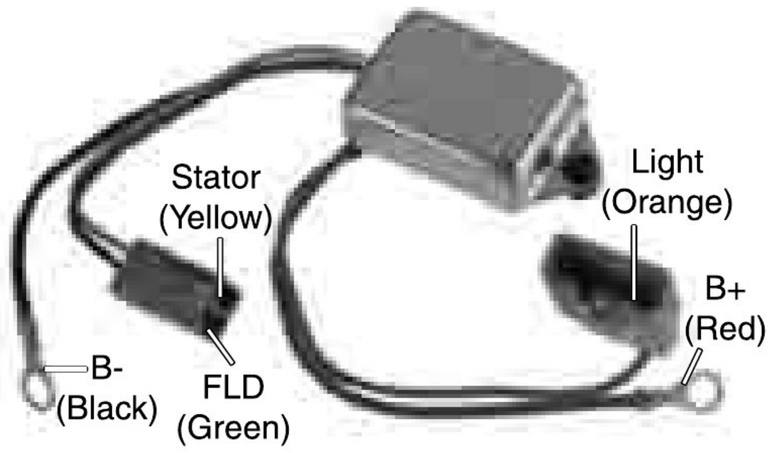


D713L
Conversion Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Delco 10DN Series Alternators
Terminal ID: Red B+, Black B-
Features:
• Conversion Regulator
• 1-wire hook-up
• Adjustable voltage
• Plugs into back of alternator
• Indicator light drive

DELCO

Specialty Conversion Regulators (cont'd.)



D7011

Conversion Regulator

6 Volt, B-Circuit, 7.8 Vset

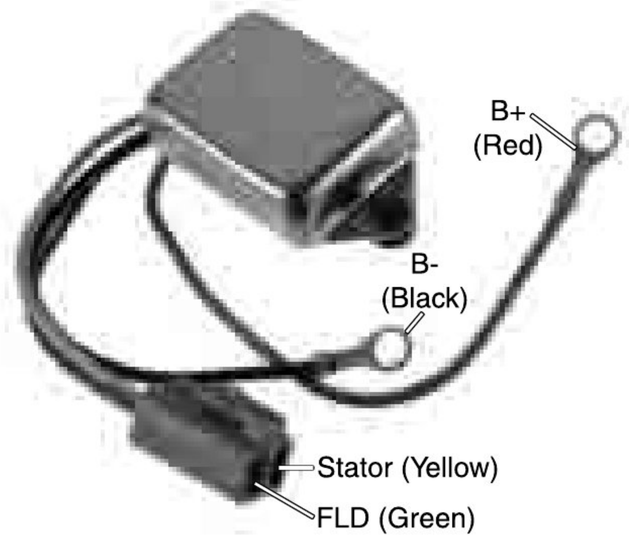
For: Delco 10DN Series Alternators

Terminal ID:

Black B-, Red B+, Green Field, Yellow Stator, Orange Light

Features:

- Star II Conversion Regulator
- Converts 12V system to 6V, 1-wire hook-up
- Stator activated
- Mounts on alternator thru bolt
- Indicator light drive



D7012

Conversion Regulator

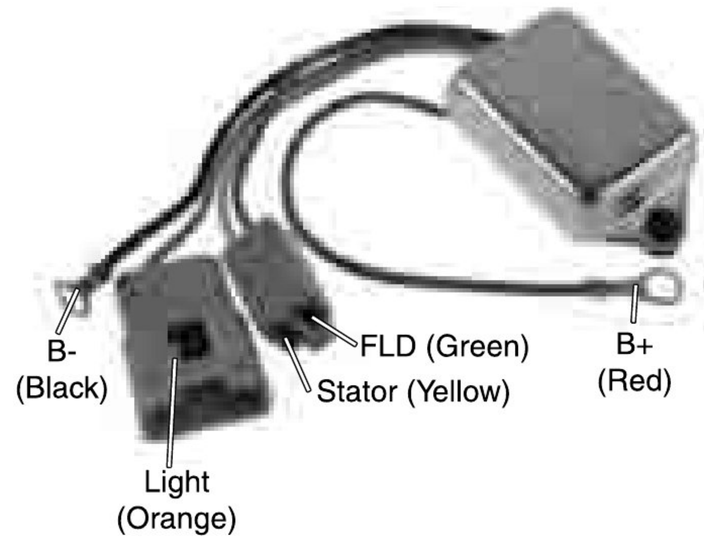
8 Volt, B-Circuit, 9.6 Vset

For: Delco 10DN Series Alternators

Terminal ID: Black B-, Red B+, Green Field, Yellow Stator

Features:

- Star II Conversion Regulator
- Converts 12V System to 8V, 1-wire hook-up
- Stator activated
- Mounts on alternator thru bolt



D7014

Conversion Regulator

12 Volt, B-Circuit, 14.2 Vset

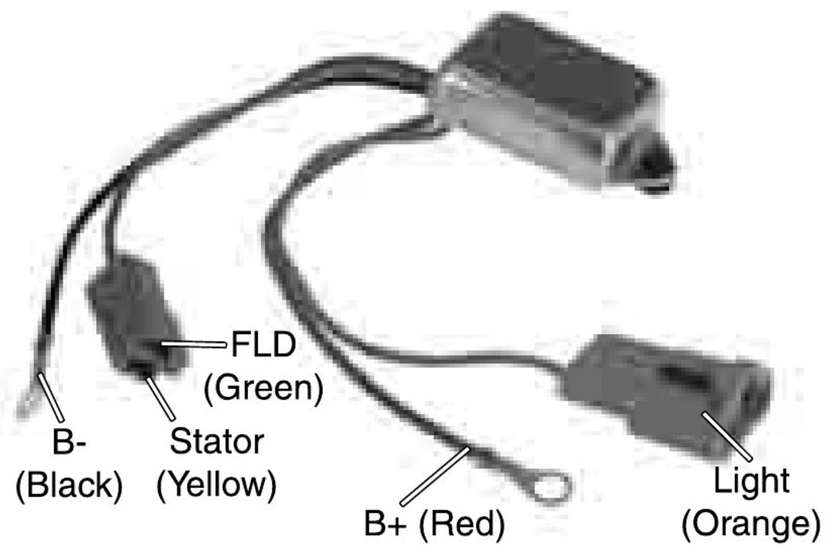
For: Delco 10DN Series Alternators

Terminal ID:

Black B-, Red B+, Green Field, Yellow Stator, Orange Light

Features:

- Star II Conversion Regulator
- Converts to 1-wire hook-up
- Stator activated
- Indicator light drive



D7016

Conversion Regulator

24 Volt, B-Circuit, 27.5 Vset

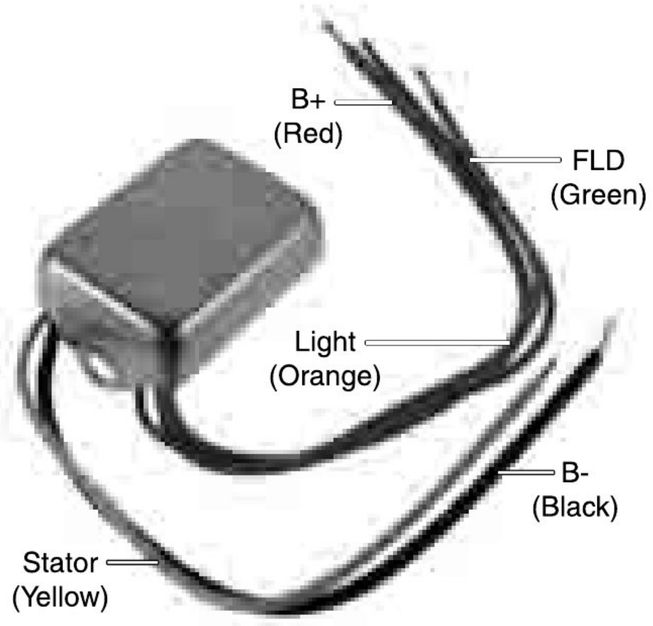
For: Delco 10DN Series Alternators

Terminal ID:

Black B-, Red B+, Green Field, Yellow Stator, Orange Light

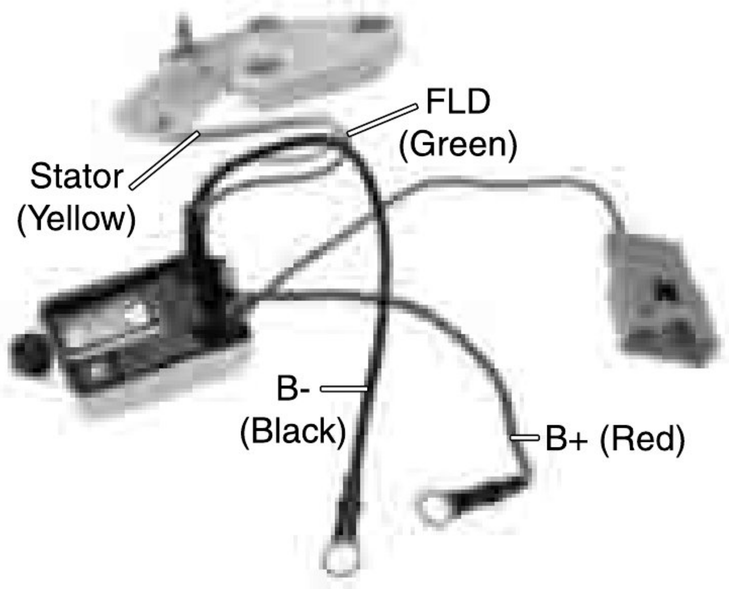
Features:

- Star II Conversion Regulator
- Converts to 1-wire hook-up
- Mounts on alternator thru bolt
- Stator activated
- Indicator light drive



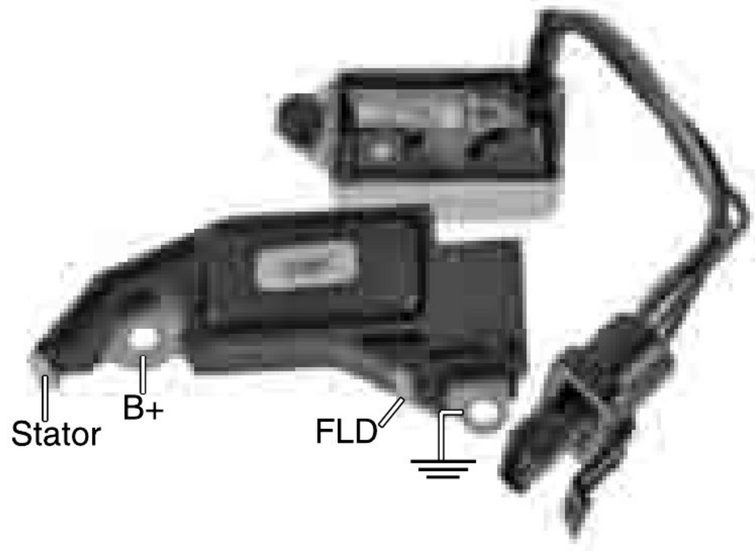
D7024
Conversion Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Universal Design
Terminal ID:
Black B-, Red B+, Green Field, Yellow Stator, Orange Light
Features:
- Star III Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Stator activated
- Low cut-in
- Indicator light drive



D7044
Conversion Regulator
12 Volt, B-Circuit, 14.7 Vset

For: Delco 10SI, 12SI, 15SI Series IR/EF Alternators
Terminal ID: Black B-, Red B+, Green Field, Yellow Stator
Features:
- Star III Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Stator activated



D7050
Conversion Regulator
12 Volt, B-Circuit, 14.7 Vset

For: Delco CS121, CS130 Series IR/EF Alternators
Features:
- Star III Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Stator activated
- Self exciting
- Surge protected
- Low saturation voltage

DELCO (NON-USA)

Asia



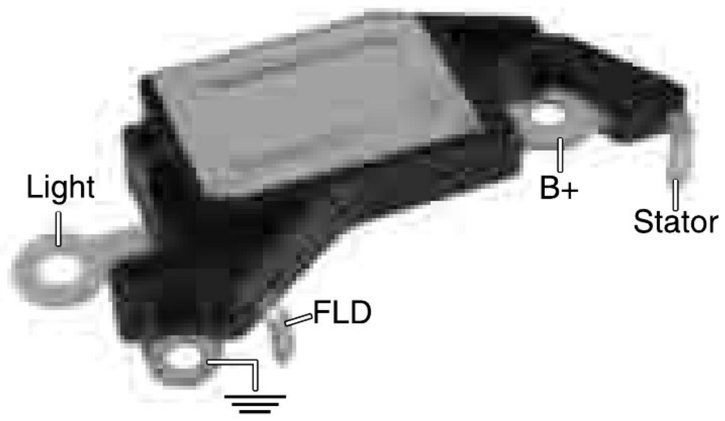
D1621
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-IG-L Terminals,
14.4 Vset, 5 sec. LRC

For: Remy Asia Alternators
Replaces: Delco JFZ1621-530, 00512
Unit Nos: Delco JFZ1621
Features:
- OE Compliant
- Multi-Function Circuit
- Protected from Shorted Lamp Circuit, Shorted Field Circuit & Load Dump

ALTERNATOR - REGULATORS (TRANSPO)

DELCO (NON-USA)

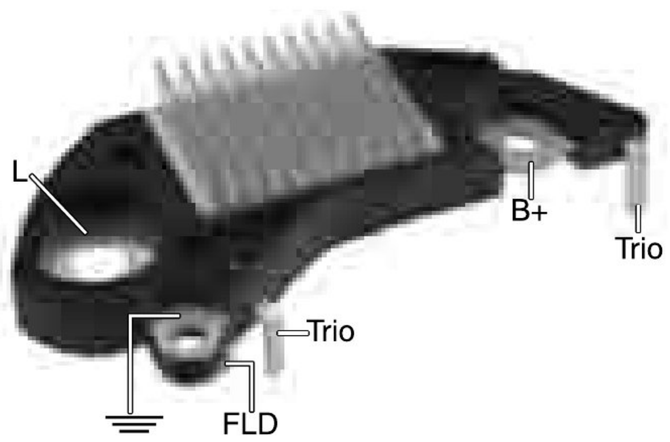
European CS121



D424
(Ref# 35-156)
Regulator
12 Volt, B-Circuit, L-Terminal, 14.7 Vset

For: Delco European CS121 Series Alternators
Used On: Opel, Vauxhall
Replaces: Delco 1116424
Unit Nos: Delco 1101199, 1101551

European CS130D



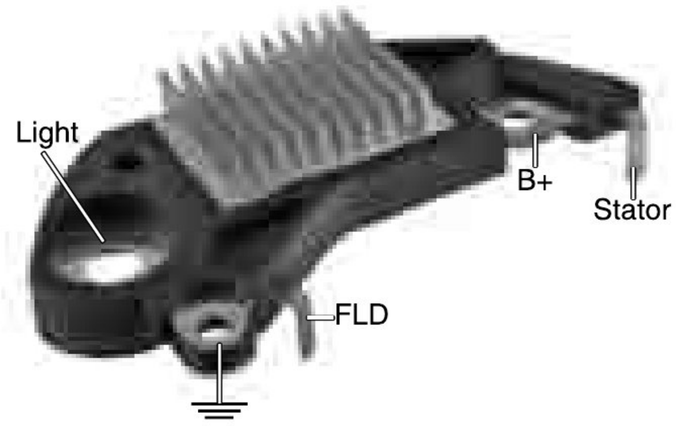
DE701-1
(Ref# 35-152)
Regulator
12 Volt, A-Circuit, 14.7 Vset

For: Delco European CS130D Series IR/IF Alternators
Used On: (2001-98) Isuzu; Opel
Replaces: Delco 10475019, 19009701; Opel 1204270
Unit Nos: Delco 10479923
Lester Nos: 8239



DE707
Regulator
12 Volt, A-Circuit, L Terminal, 14.3 Vset

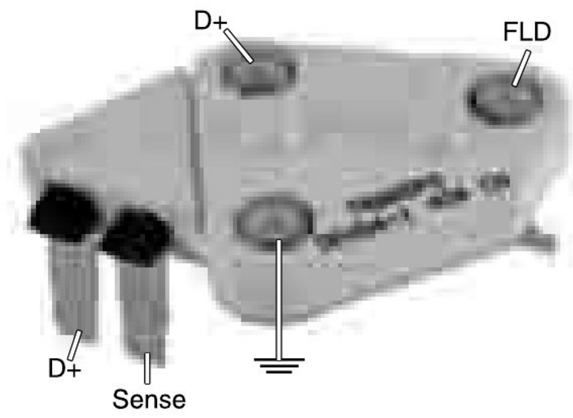
For: Delco European CS130D Series IR/IF Alternators
Replaces: Ref# 00434
Unit Nos: Ref# A11-3701110BC
Dim: M5 x 0.8 L Terminal
Note: For trio-less rectifier applications
Features:
- Light Activated
- Load Dump Protection
- Shorted Field Protection



DE708
Regulator
12 Volt, B-Circuit, 14.7 Vset, 10 sec. LRC

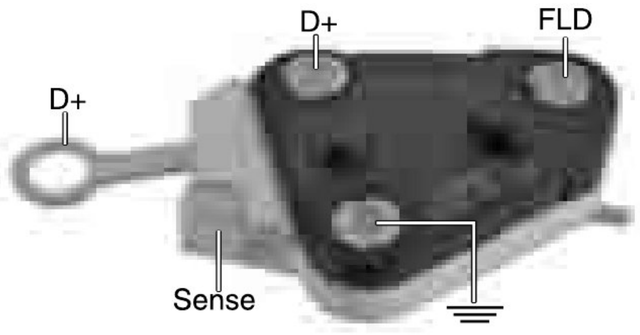
For: Delco European CS130D Series IR/IF Alternators
Used On: Opel, Vauxhall
Replaces: Delco 19009708; GM 10493240; Opel 1204288
Unit Nos: GM 90543910; Opel 6204072
Features:
- Short circuit protection
- AC turn-on
- Soft start

European SI



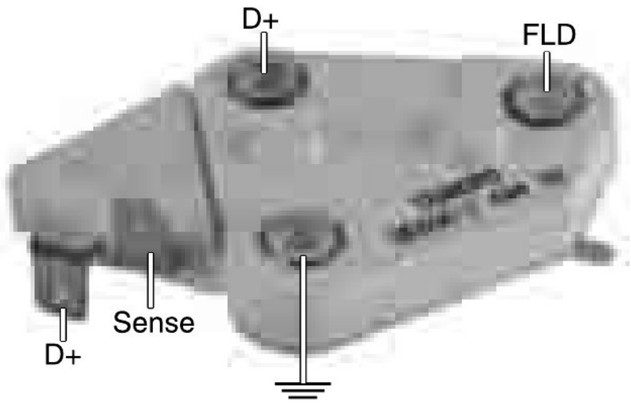
DE604-1
(Ref# 35-146)
Regulator
12 Volt, A-Circuit, 14.75 Vset

For: Delco European Alternators
Used On: Bedford, Ford, Hillman, Leyland, MG, Opel, Sunbeam, Triumph, Vauxhall
Replaces: Delco 7934605, 7934614, 7982604, 7982614, 7982866; Opel 1204245
Note: Both plug terminals are bent 90°.



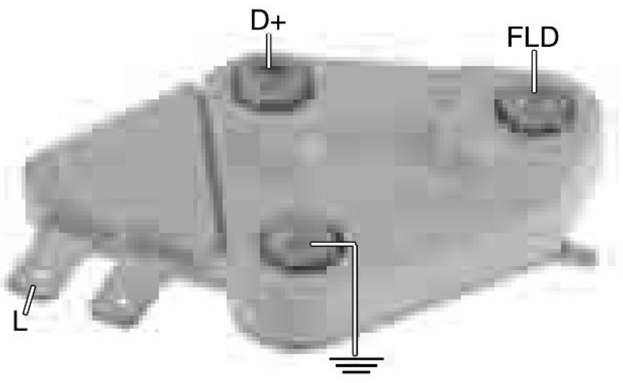
DE605-1
(Ref# 35-149)
Regulator
12 Volt, A-Circuit, 14.75 Vset

For: Delco European Alternators
Used On: Opel, Vauxhall
Replaces: Delco 3493029, 3493030, 3493079, 3493080; Opel 1204257, 1204258, 1204263, 1204264
Unit Nos: Delco 3472104, 3472105, 3472106, 3472119, 3472120, 3472121, 3472128, 3472130, 3472134, 3472135, 3472136, 3472137, 3472139, 3472142, 3472143, 3472144, 3493604, 3493606, 3493619, 3493621, 3493634, 3493635, 3493639, 3493641, 3493644, 3493704, 3493706, 3742106



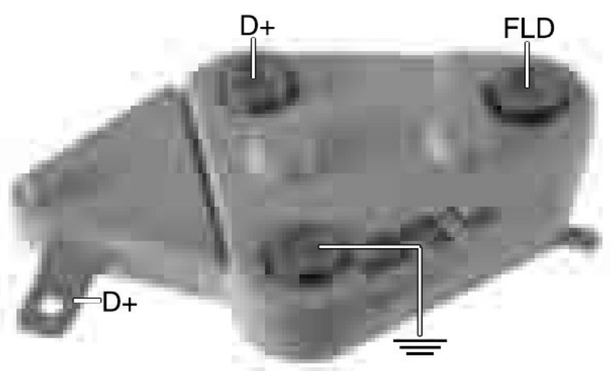
DE606-1
(Ref# 35-151)
Regulator
12 Volt, A-Circuit, 14.5 Vset

For: Delco European Alternators
Used On: Opel, Vauxhall
Replaces: Delco 13472557, 3472557, 3493050; Opel 1204248
Unit Nos: Delco 3472021, 3472028, 3472032, 3472033, 3472037, 3472038, 3472042, 3472048, 3472049, 3472050, 3472051, 3472052, 3472053, 3472057, 3472058, 3472059, 3472060, 3472061, 3472062, 3472063, 3472064, 3472065, 3472066, 3472067, 3472068, 3472069, 3472070, 3472072, 3472073, 3472074, 3472075, 3472082, 3472091
Note: Both plug terminals are bent 90° opposite each other.



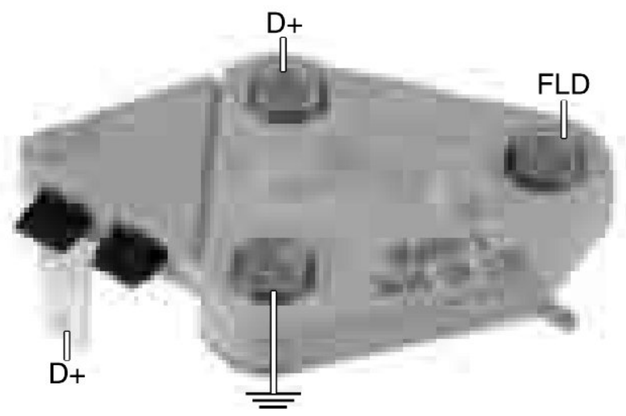
DE607-1
(Ref# 35-143-1)
Regulator
12 Volt, A-Circuit, 14.5 Vset, Neg. Grd.

For: Delco European Alternators
Used On: Bedford, Opel, Vauxhall & Industrial Applications
Replaces: Delco 1116380, 1116384, 3472406; Opel 12-04-236



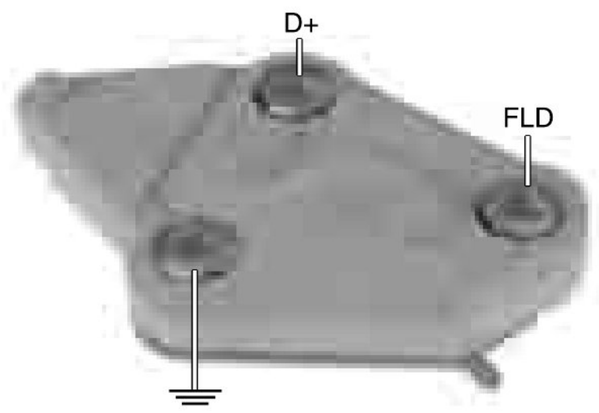
DE608-1
(Ref# 35-153)
Regulator
12 Volt, A-Circuit, 14.75 Vset

For: Delco Brazilian Alternators
Replaces: Delco 94648534, D673



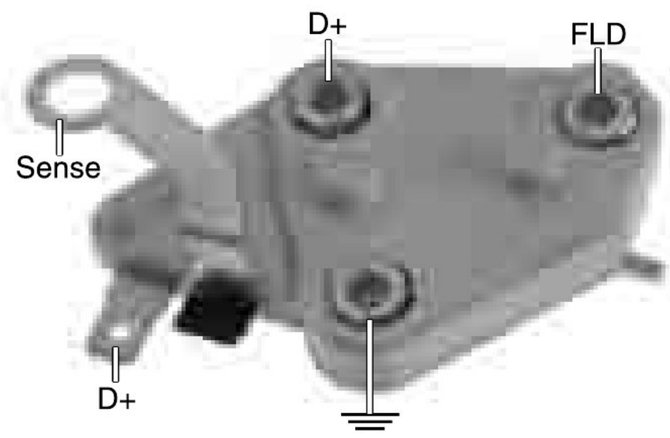
DE609-1
(Ref# 35-147)
Regulator
12 Volt, A-Circuit, 14.8 Vset

For: Delco European Alternators
Used On: Austin, Leyland, MG, Opel, Vauxhall
Replaces: Delco 7982685, 21226043
Note: Both plug terminals are bent 90°.



DE610
Regulator
12 Volt, A-Circuit, 14.75 Vset

For: Delco European Alternators
Used On: Fiat, Uno, Premio (South America)
Replaces: Delco 7073864

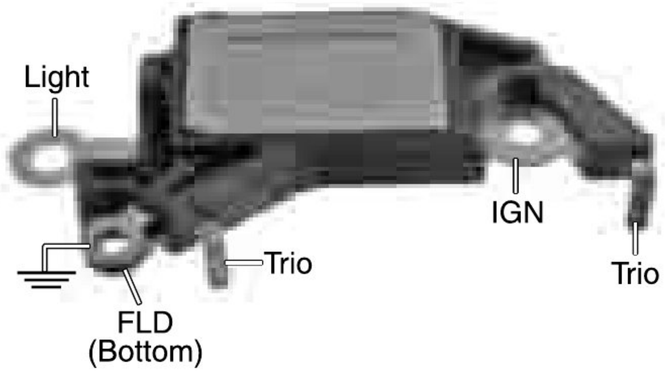


DE615
(Ref# 35-155)
Regulator
12 Volt, A-Circuit, 14.75 Vset

For: Delco European Alternators
Used On: Opel, Vauxhall
Replaces: Delco 9315303, 9345333

ALTERNATOR - REGULATORS (TRANSPO)

DELCO KOREA - DAEWOO



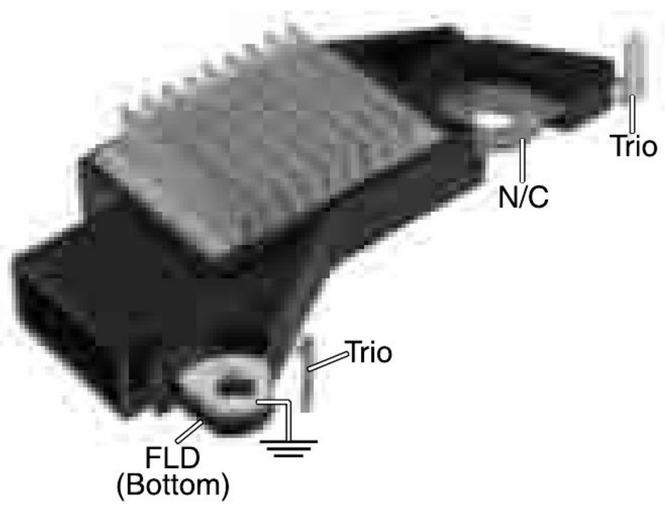
D401
Regulator
24 Volt, A-Circuit, L-Terminal, 27.7 Vset

For: Delco Korea / Daewoo IR/EF Alternators
Used On: Samsung Loaders, Caterpillar, Daewoo (South America, Asia)
Replaces: Daewoo 273110
Unit Nos: Daewoo 219072, 219081;
Samsung 1022-03500, 1022-03510



D403
Regulator
12 Volt, A-Circuit, L-I Terminals, 14.7 Vset

For: Delco Korea / Daewoo IR/IF Alternators
Used On: Daewoo
Replaces: Daewoo 276010
Unit Nos: Daewoo 96224431, 96224432
Features:
- OE compliant circuit
- Hi-temperature thermoplastic housing



D404
Regulator
12 Volt, A-Circuit, L-IG-D Terminals, 14.6 Vset

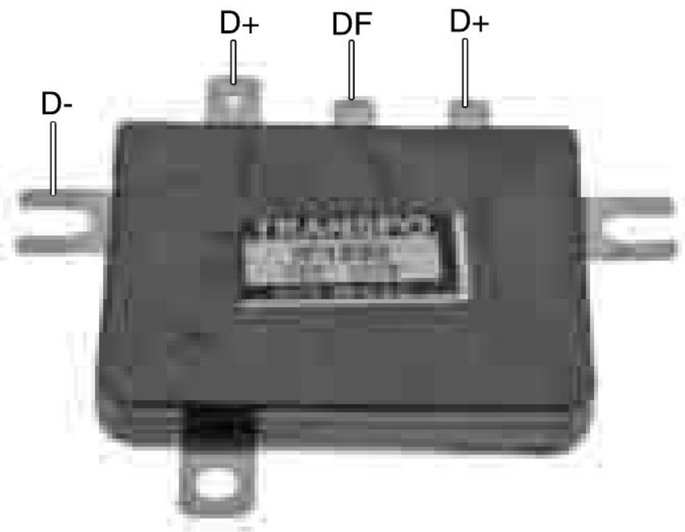
For: Delco Korea / Daewoo 11SI Series 105A IR/IF Alternators
Used On: (2001-99) Daewoo
Replaces: Daewoo 271520
Unit Nos: Daewoo 96206871
Lester Nos: 8281
Features:
- OE compliant circuit
- Hi-temperature thermoplastic housing



D940
Regulator
12 Volt, A-Circuit, S-L Terminals, 14.1 Vset

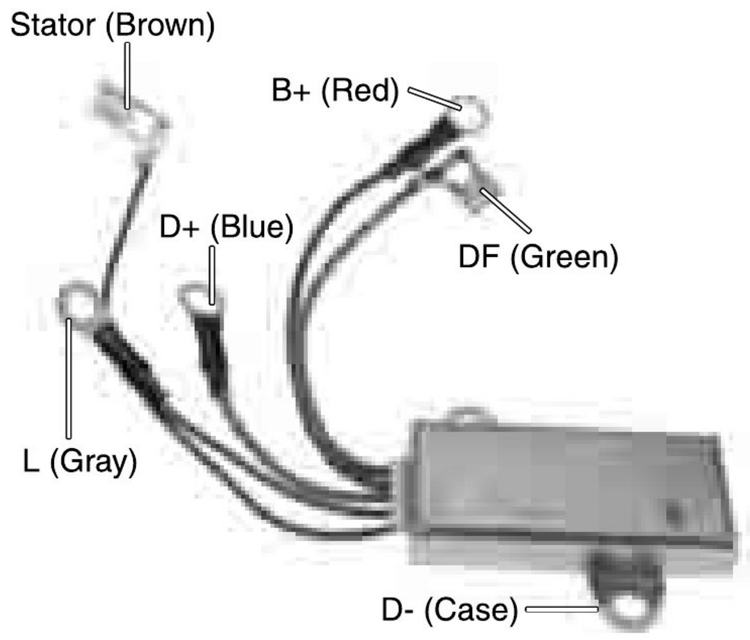
For: Delco Korea / Daewoo 7SI Series IR/IF Alternators
Used On: Mercury Marine w/ GM V6, V8
Replaces: Delco 271940
Unit Nos: Daewoo 219232;
Delco 19020601, 604, 608, 609, 612, 614, 615;
Mercury Marine 862030T, 862031, T; 863077T
Lester Nos: 8460, 8461, 8465, 8466

FEMSA



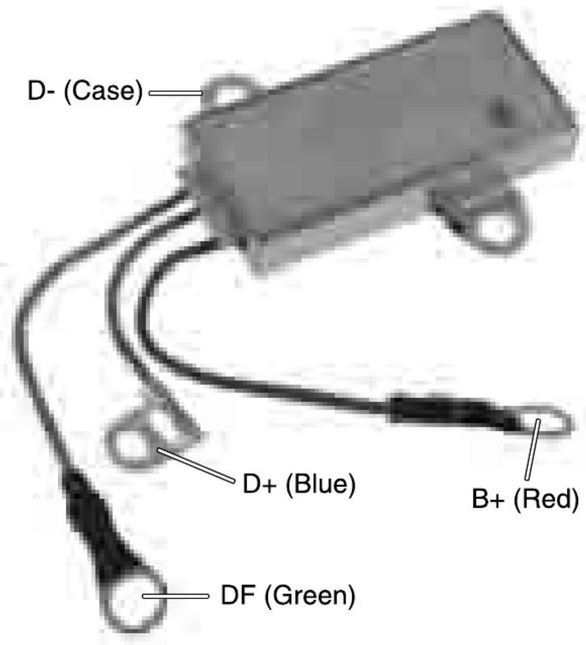
IF1692
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Femsa Alternators
Used On: Ford (Europe)
Replaces: Bosch 9-190-110-549; Femsa 25169-2, 25169-3, 25169-4, 25169-5, 25169-6, 25169-7; Ford 77FB-10316-AA, GR-320
Features:
- Low voltage saturation



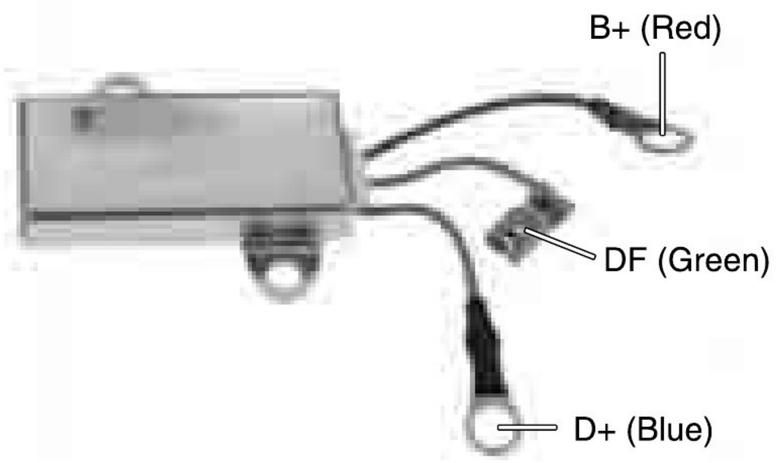
IF5431
Regulator
12 Volt, A-Circuit, 14.3 Vset

For: Femsa Alternators
Replaces: Femsa 33543-1
Terminal ID:
Case D-, Red B+, Blue D+, Gray L, Green DF, Brown Stator
Features:
• Low voltage saturation



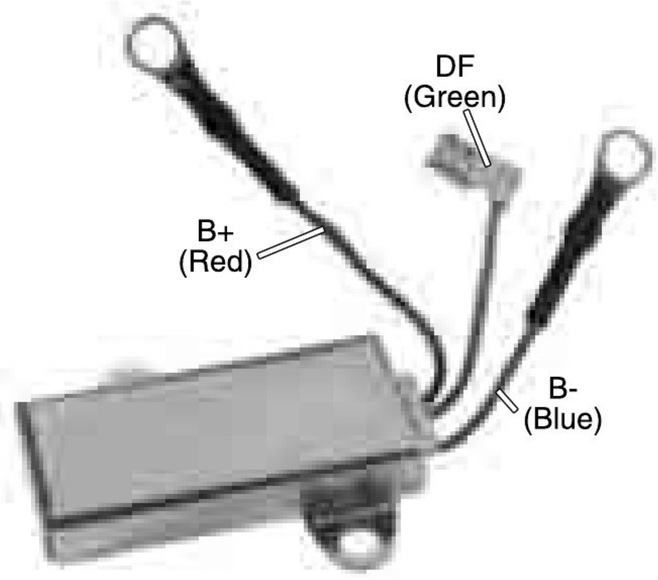
IF6022
Regulator
12 Volt, A-Circuit, 14.3 Vset

For: Femsa Alternators
Replaces: Femsa 28860-8, 28860-22
Terminal ID: Case D-, Red B+, Blue D+, Green DF
Features:
• Low voltage saturation



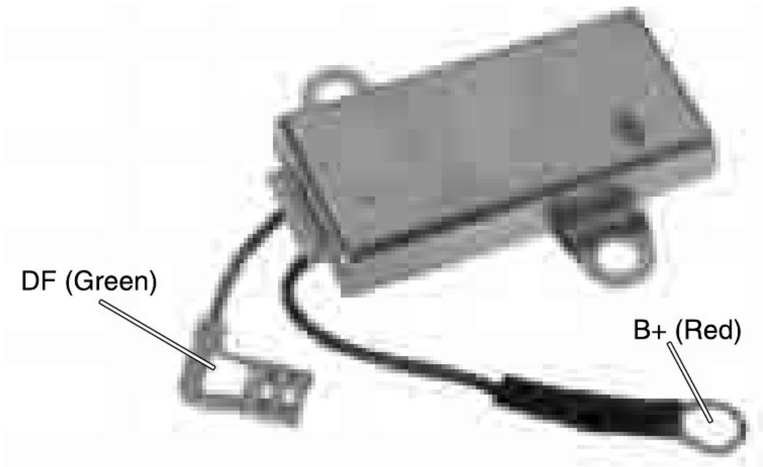
IF8603
Regulator
12 Volt, A-Circuit, 14.3 Vset

For: Femsa Alternators
Replaces: Femsa 28860-3, 28860-21
Terminal ID: Red B+, Blue B-, Green DF
Features:
• Low voltage saturation



IF8604
Regulator
24 Volt, A-Circuit, 28.2 Vset

For: Femsa Alternators
Replaces: Femsa 28860-4
Terminal ID: Red B+, Blue B-, Green DF
Features:
• Low voltage saturation



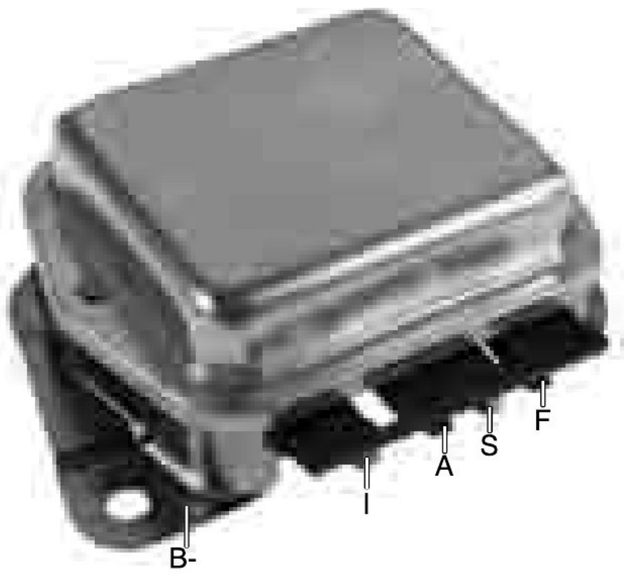
IF8607
Regulator
12 Volt, A-Circuit, 14.3 Vset

For: Femsa Alternators
Replaces: Femsa 28860-7
Unit Nos: Bosch 9-120-331-524, -811, -824, -842, -855, -856; Femsa ALP12N24; ALS12N11, 24, 42, 55, 56
Terminal ID: Red B+, Green DF
Features:
• Low voltage saturation

ALTERNATOR - REGULATORS (TRANSPO)

FORD

1G Series



F540-1
(Ref# 35-201)
Regulator
12 Volt, B-Circuit, 14.2 Vset., Neg. Grd.
For: Ford 1G Series ER/EF Alternators
Used On: (1992-73) Ford, Lincoln, Mercury
Replaces: Ford D9PZ-10316-A, E2PZ-10316-A, F0AZ-10316-A, F0PZ-10316-A, E4AZ-10316-B, GR-540-A, GR-540-B, GR-803
Terminal ID: I Light, A B+, S Stator, F Field, Case B-

F540E-1
Regulator
12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.
Same as F540-1 except...
Features:
- Best Value
- Fully encapsulated for moisture protection
- 1-piece, corrosion proof housing

F540S-1
Regulator
12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.
Same as F540-1 except...
Features:
- Short circuit protected
- Load dump protected
- Standard light drive

F540SLD
Regulator
12 Volt, B-Circuit, 14.2 Vset., Neg. Grd.
Same as F540-1 except...
Features:
- Heavy Duty
- 'SLD' Super Light Drive

F540HD
Regulator
12 Volt, B-Circuit, 14.2 Vset., Neg. Grd.
Same as F540-1 except...
Features:
- Heavy Duty
- Adjustable voltage

F540XHD
Regulator
12 Volt, B-Circuit, 14.2 Vset., Neg. Grd.
Same as F540-1 except...
Features:
- Extra Heavy Duty
- 30A power device
- Adjustable voltage



F782
Regulator
12 Volt, B-Circuit, 14.2 Vset., Neg. Grd.
For: Ford 1G Series ER/EF Alternators
Used On: (1992-90) Ford, Lincoln, Mercury w/ Digital Dash
Replaces: Ford E6DF-10316-AA
Terminal ID: I Light, A B+, S STATOR, F Field, Case B-.
Note: Special version of F540-1 for digital dash applications.
Features:
- Digital dash compatible



F733L
Conversion Regulator
12 Volt, B-Circuit, 14.2 Vset
For: Ford 1G Series 70-100A ER/EF Alternators
Features:
- Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Mounts on the alternator
- Stator excited
- Indicator light drive



F7078
Conversion Regulator
12 Volt, B-Circuit, 14.2 Vset
For: Ford 1G Series 45-65A ER/EF Alternators
Features:
- Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Mounts on the alternator
- Stator excited
- Low standby drain



FB123
Conversion Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Ford 1G Series Truck 65-90A ER/EF Alternators
Unit Nos: Ford GL-93-A, -B; GL-94-A, -B
Lester Nos: 7068, 7069
Note: Early style brush holder assy.
For version w/ later style brush holder use FB303
Features:
- Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Stator excited
- Low standby drain



FB303
Conversion Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Ford 1G Series Truck 65-90A ER/EF Alternators
Unit Nos: Ford GL-93-C, GL-94-C
Lester Nos: 7068, 7069
Note: Later style brush holder assy.
For version w/ early style brush holder use FB123
Features:
- Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Stator excited
- Low standby drain



FB309
Conversion Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators
Lester Nos: 7711, 7712, 12222
Features:
- Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Stator excited
- Low standby drain



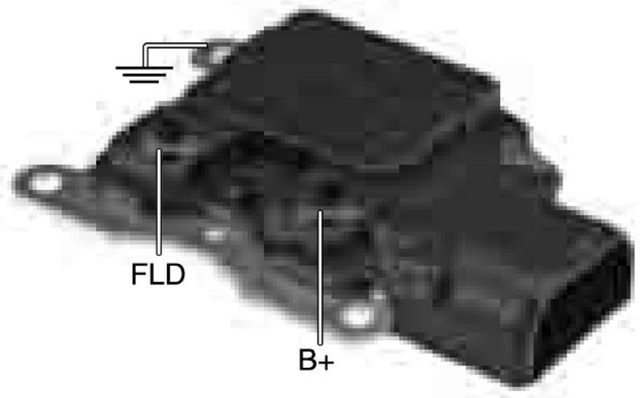
F8512M
(Ref# 35-200-1)
Regulator
12 Volt, B-Circuit, Neg. Grd.

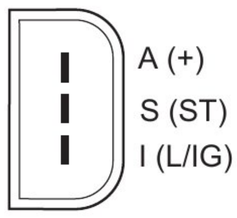
For: Ford 1G Series ER/EF Alternators
Used On: Ford, Lincoln, Mercury
Replaces: Ford D4TZ-10316-A, GR-341-B
Terminal ID: I Light, A B+, S Stator, F Field, Case B-
Features:
- Mechanical version

ALTERNATOR - REGULATORS (TRANSPO)

FORD

2G Series

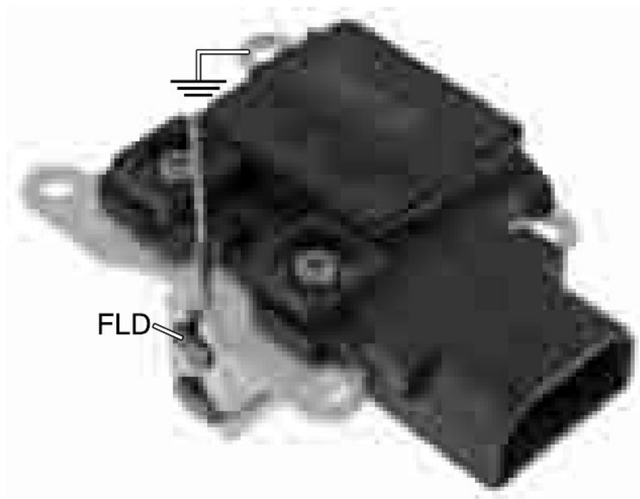


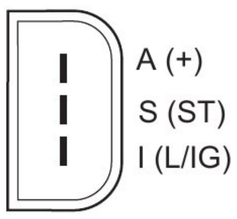


Plug Code 330

F784
(Ref# 35-202-1)
Regulator
12 Volt, A-Circuit, I-S-A Terminals, 14.6 Vset, Black
For: Ford 2G Series IR/EF Alternators
Used On: (1994-84) Ford, Lincoln, Mercury
Replaces: Ford E43F-10316-AA, E63F-10316-AB, E73F-10316-AB, E73F-10316-AC, E73Z-10316-A, GR-784-B
Features:
- Digital dash compatible
- Very low standby drain
- Low Vsat & fast switching

F784HD
(Ref# 35-202)
Regulator
12 Volt, A-Circuit, I-S-A Terminals, 14.6 Vset, Black
Same as F784 except...
Features:
- Heavy Duty
- Very low standby drain
- Very low saturation voltage
- Superior loading performance
- Short-circuit protection

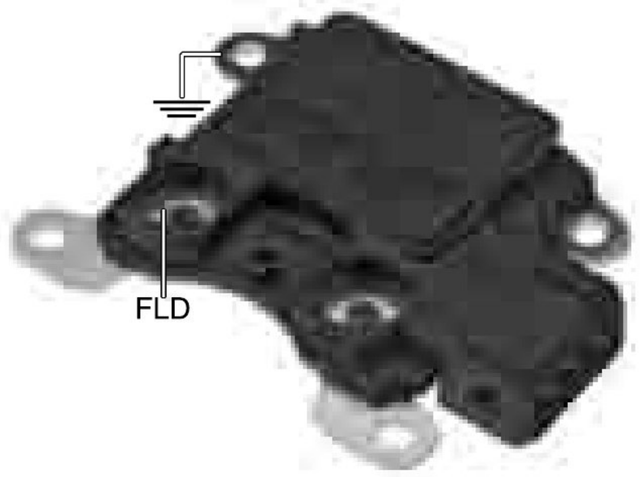


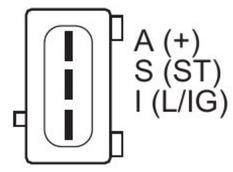


Plug Code 330

F784B
(Ref# 35-211)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-S-A Terminals, 14.6 Vset, Black
Same as F784 except...
Note: Regulator / Brush Holder Assy. (F784 Regulator & 39-202 Brush Holder Assy.)
Features:
- Digital dash compatible
- Very low saturation voltage
- Superior loading performance

3G Series

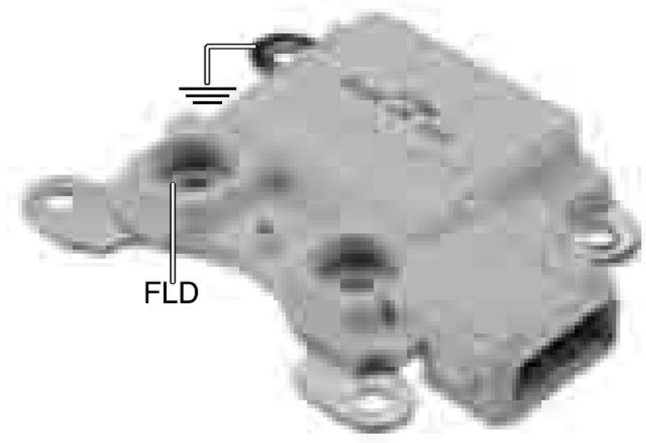


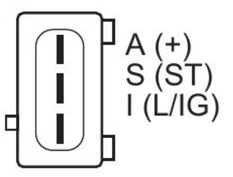


Plug Code 332

F785
(Ref# 35-206)
Regulator
12 Volt, A-Circuit, I-S-A Terminals
14.6 Vset, wo/ LRC, Black
For: Ford 3G Series IR/IF Alternators
Used On: (1995-93) Ford w/ Police Opt., Lincoln
Replaces: Ford F3AU-10316-AA, F3AZ-10316-A, F3RU-10316-AA, GR-811
Unit Nos: Ford F3AU-10300-CA, F5AU-10300-AA, F6PU-10300-AAA
Lester Nos: 7784
Note: Similar to F786 except:
F785 wo/ LRC
F786 w/ LRC
Features:
- Low Vsat
- Fast switching

F785HD
(Ref# 35-206)
Regulator
12 Volt, A-Circuit, I-S-A Terminals
14.6 Vset, wo/ LRC, Black
Same as F785 except...
Features:
- Heavy Duty
- Hi-amp MOSFET for hi-output alternator applications

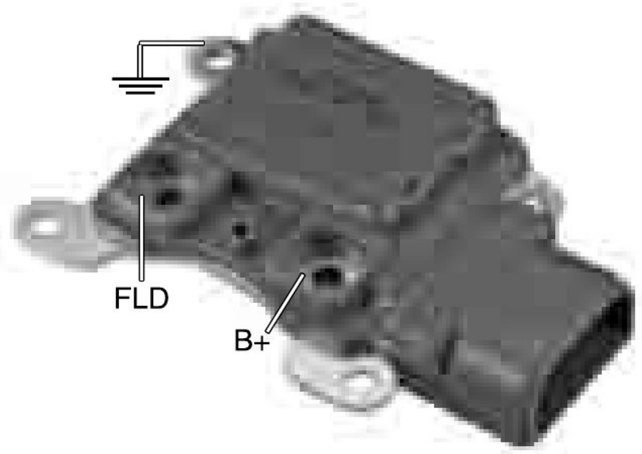


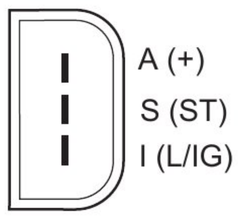


Plug Code 332

F786
(Ref# 35-209)
Regulator
12 Volt, A-Circuit, I-S-A Terminals
14.5 Vset, w/ LRC, White
For: Ford 3G Series IR/IF Alternators
Used On: (2000-95) Ford, Mercury
Replaces: Ford F5RU-10316-BA, F5RZ-10316-A, GR-818
Unit Nos: Ford F5RU-10346-BC, F5RZ-10346-A, F6RZ-10346-AA, XS9Z-10346-AB
(cont'd.)

(cont'd.)
Lester Nos: 7774, 7775, 7789, 7792
Note: Similar to F785 except:
F785 wo/ LRC
F786 w/ LRC
Features:
• 6 sec. soft start ramp
• Lamp activated





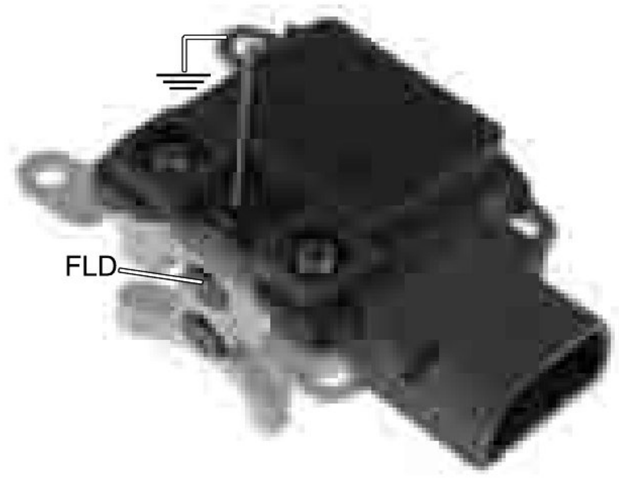
Plug Code 330

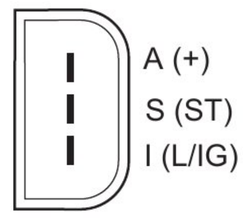
F794
(Ref# 35-204-1)
Regulator
12 Volt, A-Circuit, I-S-A Terminals
14.6 Vset, wo/ LRC, Gray

For: Ford 3G Series IR/IF Alternators
Used On: (2005-89) Ford, Ford Truck, Lincoln, Mazda, Mercury
Replaces: Ford E9DF-10316-AA, F0DU-10316-AA, F0DZ-10316-A, F1DU-10316-AA, F5DU-10316-AA, GR-801
Lester Nos: 7749, 50, 51, 52, 53, 55, 56, 60, 64, 65, 68, 69, 71, 76, 78, 85, 90, 91
Note: Similar to F795 except:
F794 wo/ LRC
F795 w/ LRC
Features:
• Digital dash compatible
• Very low standby drain
• Low Vsat & fast switching

F794HD
(Ref# 35-204)
Regulator
12 Volt, A-Circuit, I-S-A Terminals
14.6 Vset, wo/ LRC, Gray

Same as F794 except...
Features:
• Heavy Duty
• Very low standby drain
• Very low saturation voltage
• Superior loading performance
• Short-circuit protection





Plug Code 330

F794B
(Ref# 35-205)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-S-A Terminals
14.6 Vset, wo/ LRC, Gray

Same as F794 except...
Note: Regulator / Brush Holder Assy. (F794 Regulator & 39-207 Brush Holder Assy.
Features:
• Very low standby drain
• Very low saturation voltage
• Superior loading performance



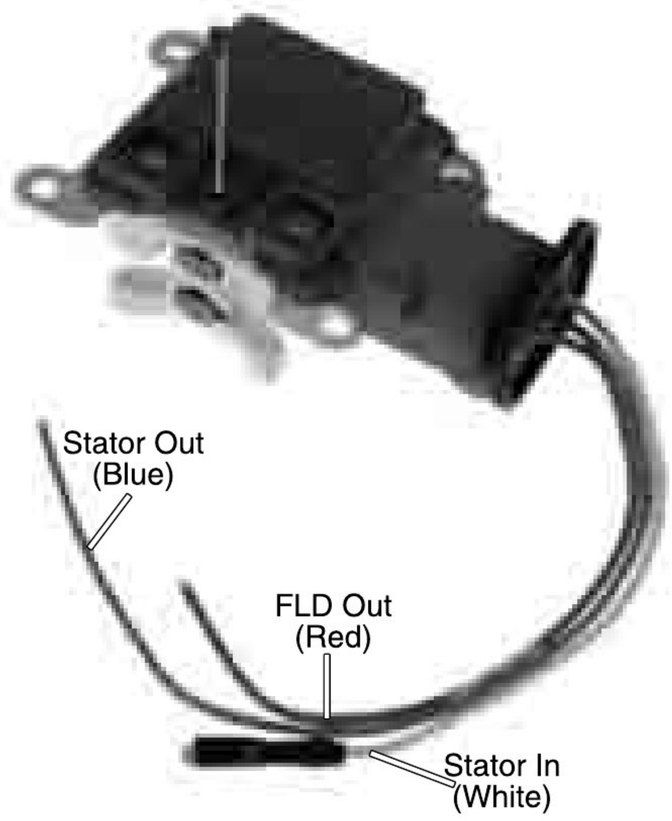
F794SE
Regulator
12 Volt, A-Circuit, 14.6 Vset, Self Exciting

Same as F794 except...
Features:
• Self-exciting
• For 1-wire charging systems
• Wiring harness provided

ALTERNATOR - REGULATORS (TRANSPO)

FORD

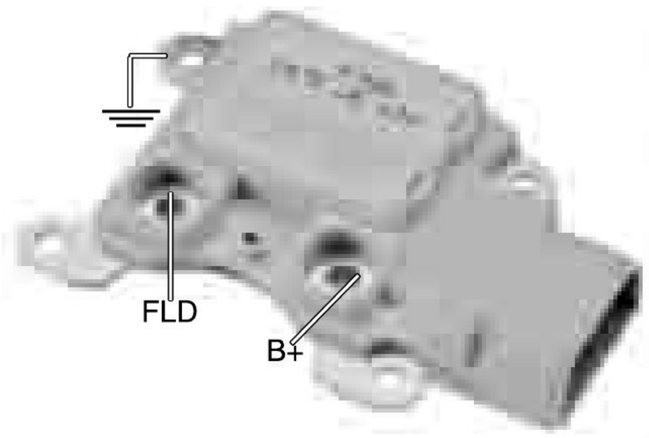
3G Series (cont'd.)

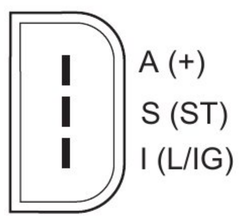


F794BNC

Regulator / Brush Holder Conversion Adapter
12 Volt, Converts A-Circuit Systems to Externally Regulated B-System

For: Ford 3G Series IR/IF Alternators
Used On: Applications w/ Specialty Hi-Amp Conversion 3G Alternators
Terminal ID: Red Field Out, White Stator In, Blue Stator Out.
Features:
- Converts integrally regulated A-circuit systems to externally regulated B-system
- Use with Transpo Voyager-Series remote-mount regulators for hi-amp conversions
- Pigtail connector provided





Plug Code 330

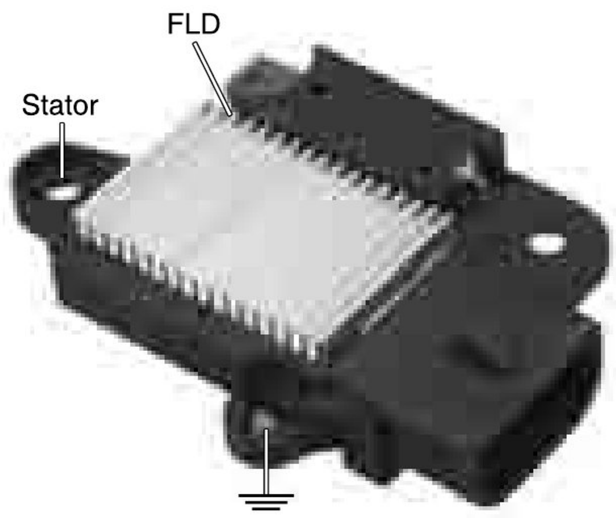
F795

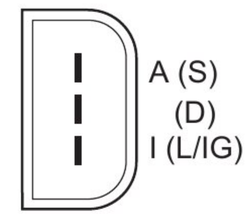
(Ref# 35-207)

Regulator
12 Volt, A-Circuit, I-S-A Terminals
14.6 Vset, 2.5 sec. LRC, White

For: Ford 3G Series IR/IF Alternators
Used On: (2002-94) Ford, Mercury
Replaces: Ford F4ZU-10316-AA, -AC; F4ZZ-10316-A, GR-814
Unit Nos: Ford F4DU-10300-BA, -CA, -DA; F58U-10300-AB, F6DU-10300-FA, F6PU-10300-UA, F6PU-10346-AAE, F7CU-10300-CB, F7PU-10346-JA, F8DU-10300-AA
Lester Nos: 7770, 7777, 7793, 7794
Note: Similar to F794 except:
F794 wo/ LRC
F795 w/ LRC
Features:
- Very low saturation voltage
- Digital dash compatible

4G Series





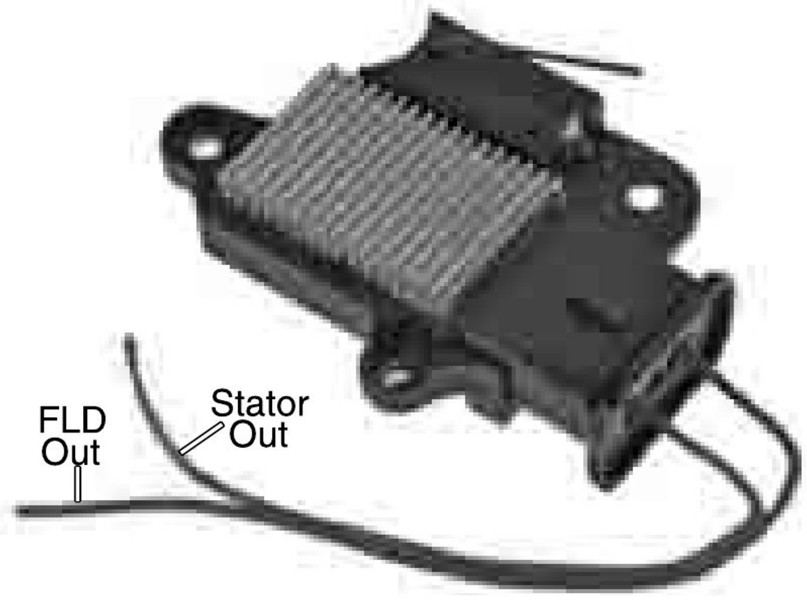
Plug Code 331

F796

(Ref# 35-208)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-D-A Terminals
14.4 Vset, 6 sec. LRC, Black

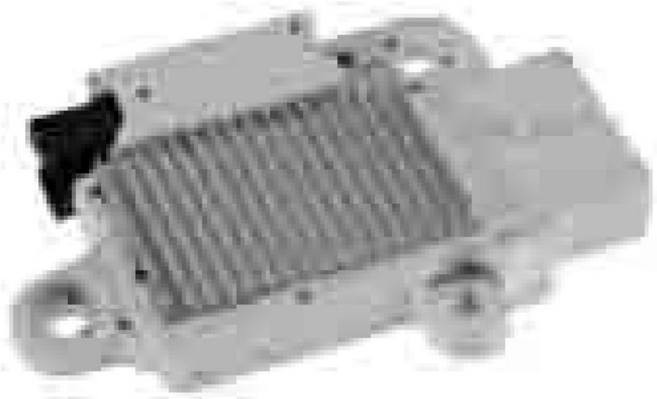
For: Ford 4G Series IR/IF Alternators
Used On: (2005-95) Ford, Lincoln, Mercury
Replaces: Ford F5OU-10C359-AA, -AB; F5OY-10316-A, GR-815
Unit Nos: Ford F5OU-10300-FA, -FB; F5OY-10346-A, F68U-10300-AD, F68Z-10346-AD; F6DU-10300-BB, -BC, -BD, -DB; F6DZ-10346-B, -D; F6OU-10300-AA, F6OY-10346-AA, F78U-10300-AA, F78Z-10346-AA, F8OU-10300-CA, F8OZ-10346-CA, XW7U-10300-AA, XW7Z-10346-AA, YF1Z-10346-E
Lester Nos: 7773, 7780, 7786
Note: Similar to F798 except F798 wo/ LRC feature.



F796BNC

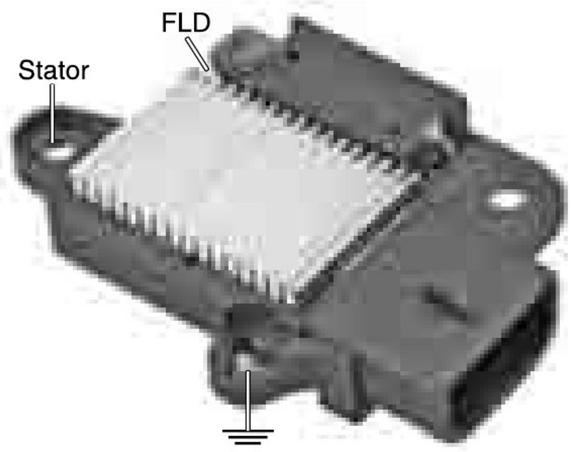
Regulator / Brush Holder Conversion Adapter
12 Volt, Converts A-Circuit Systems to Externally Regulated B-System

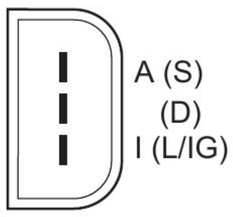
For: Ford 4G Series IR/IF Alternators used in Specialty Hi-Amp Conversions
Terminal ID: Red Field Out, Blue Stator Out
Features:
- Converts integrally regulated A-circuit systems to externally regulated B-system
- Use with Transpo Voyager-Series remote-mount regulators for hi-amp conversions
- Pigtail connector provided



F797
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, LI-RC-AS Terminals
14.0 Vset, White

For: Ford 4G Series IR/IF Alternators
Used On: (2005-02) Ford, Lincoln, Mazda, Mercury
Replaces: Ford F7RU-10C359-AA, YF1U-10C359-AA (regulator stamped VP3FIU-10C359-AA)
Unit Nos: Ford 2F1U-10300-BA, 2F1Z-10346-BA; 3W1U-10300-AA, -AB; 3W1Z-10346-AA, 3W3U-10300-AA, 3W3Z-10346-AA, 5L8T-10300-KC, 5L8Z-10346-KA, 6L8Z-10346-KA
Lester Nos: 8269, 8313, 8314, 8403
Note: PCM controlled regulation voltage





Plug Code 331

F798
(Ref# 35-210)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-D-A Terminals
14.4 Vset, wo/ LRC, Gray

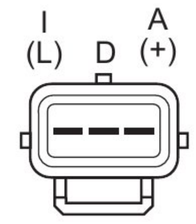
For: Ford 4G Series IR/IF Alternators
Used On: (2002-96) Ford, Lincoln, Mercury
Replaces: Ford F6DU-10C359-AA, F6DY-10316-A, GR-817
Unit Nos: Ford F6LU-10300-CA, F6LY-10346-A, F6ZU-10300-BB, -BC, F6ZZ-10346-B, F77U-10300-AB, -AC, F77Z-10346-AB, XL2U-10300-AA, XL2Z-10346-AA, XL3U-10300-AA, XL3Z-10346-AA
Lester Nos: 7781, 7787, 8251
Note: Similar to F796 except F796 w/ LRC feature.

F798HD
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-D-A Terminals
14.4 Vset, wo/ LRC, Gray

Same as F798 except...
Features:
- Heavy Duty
- Hi-amp MOSFET for hi-output alternator applications

6G Series





Plug Code 344

F600
(Ref# 35-212)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-D-A Terminals
14.4 Vset, wo/ LRC, Gray w/ Gray Cover

For: Ford 6G Series IR/IF Alternators
Used On: (2005-98) Ford, Lincoln, Mercury
Replaces: Ford F8WU-10C359-AB
Unit Nos: Ford 2C3U-10300-CB, 2C3Z-10346-CA, 3C3Z-10346-DA; F81U-10300-BA, -BC, -CC, -CD, -DB, -DC, -DD, -EB, -GA; F81Z-10346-BA, -CA,-DA, 6-EA, -GA; F8AU-10300-AB, -AC, -AD; F8AZ-10346-AB; XR3U-10300-AA, -AB, -AC; XR3Z-10346-AA, YC1U-10300-CA, ZR3U-10300-AB
Lester Nos: 7795, 7796, 7797, 7798, 7799, 8252, 8262, 8310, 8317
Note: Regulator shutdown with loss of sense (A) or light (I) connection.
F600 is similar to F605 except:
F600: wo/ soft start feature
F605: w/ soft start feature
Components:
38-217-1 Brush
39-2702 Brush Spring

F600HD
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-D-A Terminals
14.4 Vset, wo/ LRC, Gray w/ Gray Cover

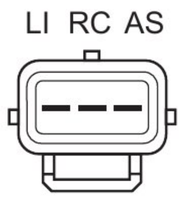
Same as F600 except...
Features:
- Heavy Duty
- Heavy duty power device
- Support hi-amp alternators

ALTERNATOR - REGULATORS (TRANSPO)

FORD

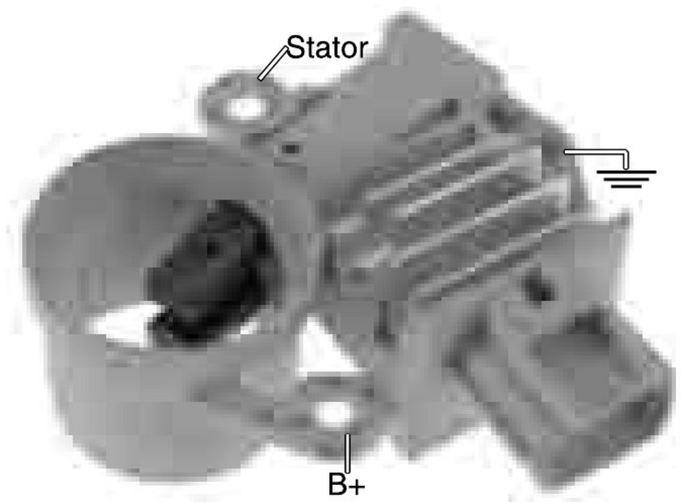
6G Series (cont'd.)

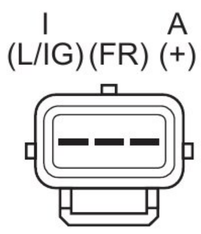




Plug Code 337

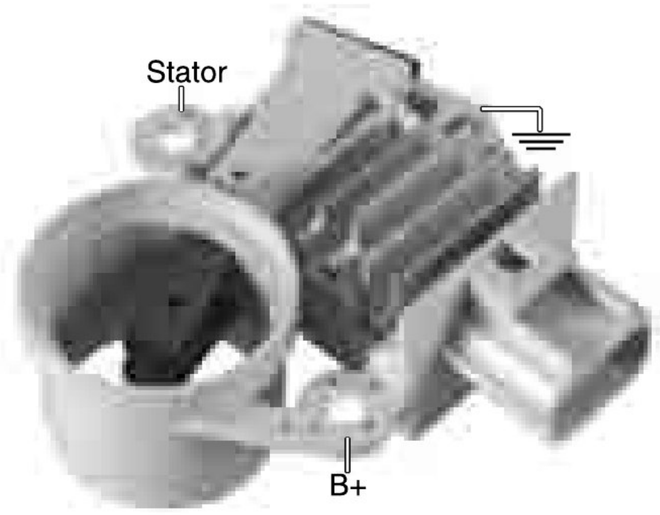
F601
(Ref# 35-213)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, LI-RC-AS Terminals
14.0 Vset, White w/ Black Cover*
For: Ford 6G Series IR/IF Alternators
Used On: (2005-99) Ford, Mazda, Lincoln, Mercury
Replaces: Ford VP4F1U-10C359-AA*, VP4L3U-10C359-AA*, XW4U-10C359-AB
Unit Nos: Ford 1L8U-10300-AB, -AC; 1L8Z-10346-AB, 1S41-10300-BB, 2F1U-10300-DA, 2F1Z-10346-DA, 3W1U-10300-BB, 3W1Z-10346-BA, 4L3Z-10346-BA; 98AB-10300-EB, -FC; 98AZ-10346-EA, -FA; XF2U-10300-AB, -BC, -BD; XF2Z-10346-AA, -BA; XR8U-10300-AE, -AF, -CE; XR8Z-10346-AA, -CE; XW4U-10300-AA, -BA, -BB, -CC, -CD, -CE; XW4Z-10346-AA, -BA, -CC
Lester Nos: 7788, 8253, 8255, 8256, 8260, 8261, 8268, 8315
Note: Regulation Voltage controlled by vehicle PCM (PWM signal input to RC-terminal).
LI-terminal output provides feedback to vehicle PCM.
Vehicle indicator lamp is fully controlled by the vehicle PCM.
*F601 also replaces Ford OE white body regulator w/ blue cover.
Components:
38-217-1 Brush
39-2702 Brush Spring
Features:
• Computer controlled voltage regulation

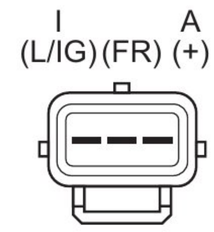




Plug Code 338

F602
(Ref# 35-216)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-FR-A Terminals
14.4 Vset, 7 sec. LRC, White w/ White Cover*
For: Ford 6G Series IR/IF Alternators
Used On: (2002-98) Ford, Mercury
Replaces: Ford XR2U-10C359-AB, XS7U-10C359-AC
Unit Nos: Ford 98BB-10300-CC, F8RZ-10346-CC, WR2A-10300-AC, XS8Z-10346-BB, XS91-10300-BB
Lester Nos: 8250
Note: Regulator shutdown with loss of sense (A) or light (I) connection. FR provides feedback to vehicle PCM.
*F602 also replaces Ford OE white body regulator w/ gray cover
Components:
38-217-1 Brush
39-2702 Brush Spring

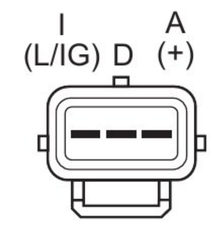




Plug Code 338

F603
(Ref# 35-214)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-FR-A Terminals
14.4 Vset, 7 sec. LRC, White w/ Orange Cover
For: Ford 6G Series IR/IF Alternators
Used On: (2004-00) Ford, Mazda, Lincoln, Mercury
Replaces: Ford XS7U-10C359-BA
Unit Nos: Ford 1L8U-10300-CD, 1L8U-10300-CE, 1L8U-10300-DD, 1L8Z-10346-CB, 2L7U-10300-AA, 2L7U-10300-BA, 2L7Z-10346-AA, 2L7Z-10346-BA, XS8Z-10346-AA, XS91-10300-AE, XS91-10300-BC, YC1U-10346-DA, YF1U-10300-FA, YF1Z-10346-FA; Mazda AJ03-18-300A, AJ03-18-300B
Lester Nos: 8254, 8259, 8263
Note: Field recovery diode circuit to protect ECU.
Regulator shutdown with loss of sense (A) or light (I) connection.
FR provides feedback to vehicle PCM.
Components:
38-217-1 Brush
39-2702 Brush Spring

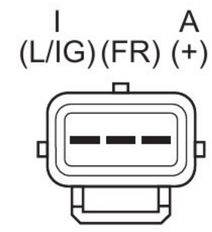




Plug Code 336

F605
(Ref# 35-217)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-D-A Terminals
14.4 Vset, Gray w/ Green Cover
For: Ford 6G Series IR/IF Alternators
Used On: (2005-01) Ford
Replaces: Ford VP3C3U-10C359-AA
Unit Nos: Ford 1R3U-10300-AA, -AD; 1R3Z-10346-A, 2C3U-10300-BB, 2C3Z-10346-BA, 4C3Z-10346-AA
Lester Nos: 8266, 8316
Note: Regulator goes to Vsec (secondary regulation) and turns on light with loss of sense (A).
With loss of light (I) connection, regulator continues to function but vehicle indicator light does not turn on. Design includes Field Current Limiting.
F605 is similar to F600 except:
F600: wo/ soft start feature
F605: w/ soft start feature
Components:
38-217-1 Brush
39-2702 Brush Spring
Features:
• Soft start
• Remote sense





Plug Code 338

F606
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-FR-A Terminals
14.4 Vset, Black w/ Black Cover

For: Ford 6G Series IR/IF Alternators
Used On: (2004-03) Ford, Lincoln
Replaces: Ford VP4L1U-10C359-AA
Unit Nos: Ford 3L74-10300-AA, -BA; 3L7Z-10346-AA, -BA,
Lester Nos: 8303
Note: Regulator goes to Vsec (secondary regulation) and turns on light with loss of sense (A).
With loss of light (I) connection, regulator continues to function but vehicle indicator light does not turn on.
Design includes Field Current Limiting.
Components:
38-217-1 Brush
39-2702 Brush Spring

(non-USA)

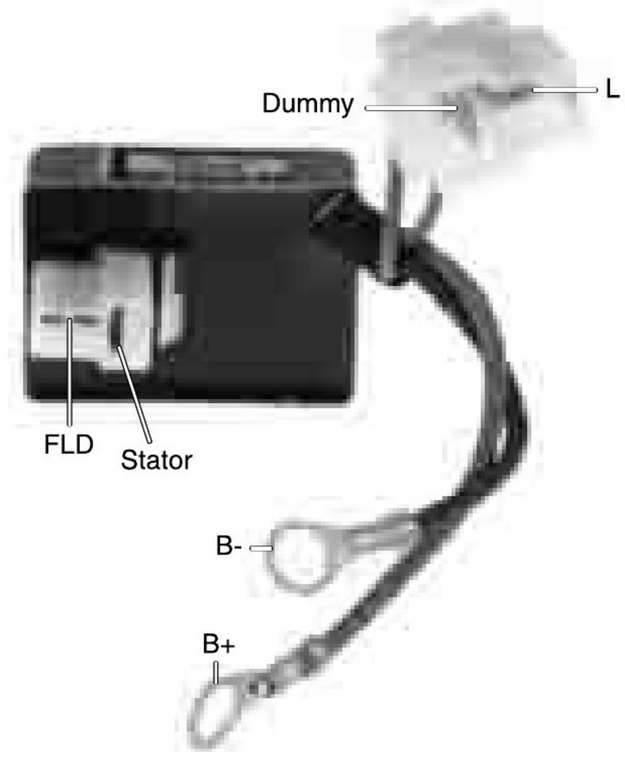


F610
Regulator
12 Volt, A-Circuit, S-D-L Terminals, 14.4 Vset

For: Ford India Alternators
Unit Nos: Ford 3N21-10300-BB, CX1FA
Dim: M3 x 0.5 Field Post

HITACHI

External Regulated



IH605
Conversion Regulator
12 Volt, B-Circuit, 14.3 Vset

For: Hitachi ER/EF Alternators
Note: Converts externally regulated alternators to internally regulated:
Lester 14118 to 14231
Lester 14105 to 14231



IH811
Regulator
12 Volt, B-Circuit, N-A-L-E-F-IG Terminals, 14.3 Vset

For: Hitachi, Mitsubishi ER/EF Alternators
Used On: Nissan Forklift
Replaces: Hitachi TL1Z-10A, -10B, -14, -14A, -14B, -17, -24, -25, -30, -31, -37, -41, -57A, -57D, -61, -61D, -71, -86, -98, TR1Z-77; Nissan 22252-40061; 23500-14602, -14603, -14800, -14802, -14803, -14804, -14814, -14900, -14901, -14902, -14903, -14911, -16413, -16500, -16502, -16503, -16504, -16510, -16512, -16513, -16514, -16516, -21600, -29900, -29901, -29902, -29903, -29904, -29905, -29906, -29910, -29911, -29912, -73000, -73010, -73011, -86400, -89900, -89901, -89902, -89903, -89904, -89905, -89910, -89911, -98911, -L0400, -L0410, -N3300, -N3310
Unit Nos: Hitachi LT120-07, LT135-35, LT150-10, LT150-10B, LT150-26; Ishikawajima 185046071;
Mitsubishi A1T21171, A2T10180, AH2035N1, AP2040J4;
Nissan 23099-J5503; 23100-H7202, -P0103, -P4500, -U0101, -U0111, -U0112, -U0113
Lester Nos: 12128, 14105, 14118, 14209, 14213, 14214
WAI Ref. Nos: 1-1094-01HI, 1-1103-01HI, 1-1111-01HI, 1-1111-01MI
Features:
• External regulator

ALTERNATOR - REGULATORS (TRANSPO)

HITACHI

External Regulated (cont'd.)



IH814

Regulator

12 Volt, B-Circuit, N-A-L-E-F-IG Terminals, 14.3 Vset

For: Hitachi ER/EF Alternators
Replaces: Hitachi TL1Z-82, -82B, -82D; Nissan 23500-N6000, -N6001, -N6003
Features:
• External regulator



IH815

Regulator

12 Volt, B-Circuit, N-IG-L-E-F Terminals, 14.3 Vset

For: Hitachi ER/EF Alternators
Replaces: GM 94021595; Hitachi TL1Z-46, -48, -66; Isuzu 9-8225-0110, 9-8225-3102, 9-8225-3107; Nippondenso 026000-1990
Features:
• External regulator



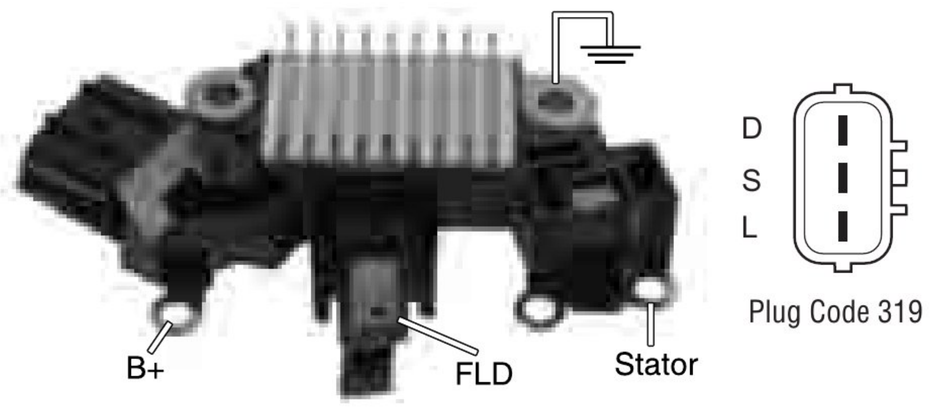
IH816

Regulator

12 Volt, B-Circuit, L-IG-F-E-N-A Terminals, 14.3 Vset

For: Hitachi ER/EF Alternators
Replaces: Hitachi TL1Z-85B, -85D; Nissan 23500-B8000, -B8001, -B8002, -B8003
Features:
• External regulator

Internal Regulated

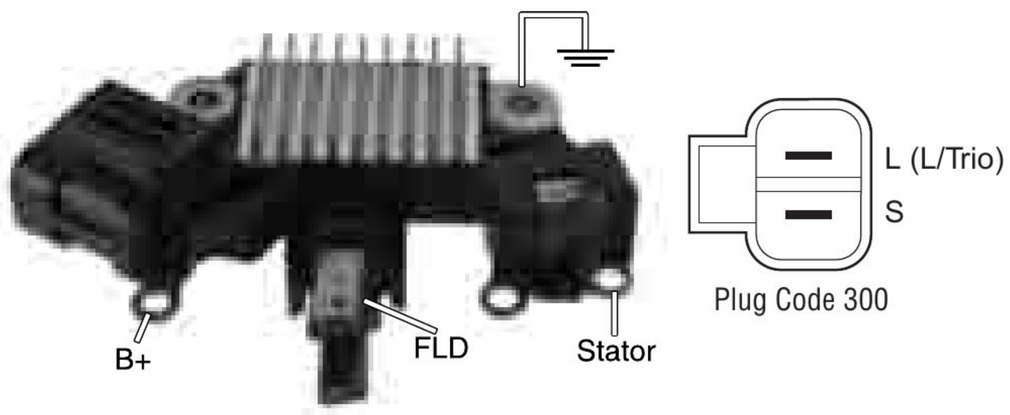


IH742

Regulator

12 Volt, A-Circuit, D-S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators
Used On: (2001) Subaru
Unit Nos: Hitachi LR190-742; Subaru 23700-AA31A
Lester Nos: 13829
WAI Ref. Nos: 1-2508-01HI
Features:
• Stator excite

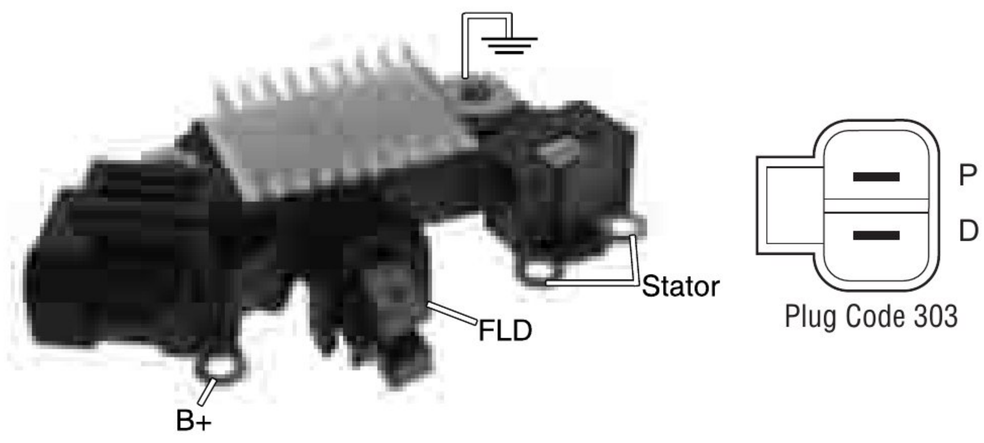


IH744

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Hitachi IR/IF Alternators
Used On: (2002-98) Honda, Isuzu
Unit Nos: Hitachi LR190-744; Isuzu 8-97204-332-0
Lester Nos: 13825
WAI Ref. Nos: 1-2240-01HI

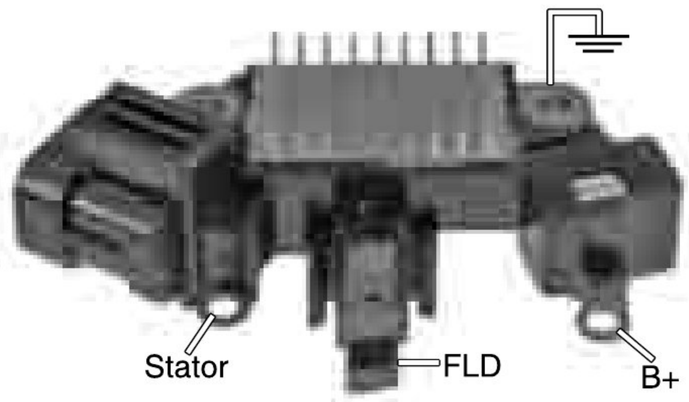


IH758

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, D-P Terminals, 14.4 Vset

For: Hitachi ED/IF Alternator
Used On: (2000-99) Mazda
Unit Nos: Hitachi LR170-758; Mazda BP4W-18-300B, BP4W-18-300C
Lester Nos: 13788
WAI Ref. Nos: 1-2212-01HI
Note: Conventional regulator and alternator bench test methods will immediately damage a D-P Type regulator. Avoid damage using Transpo VRC101-26 Tester Adapter

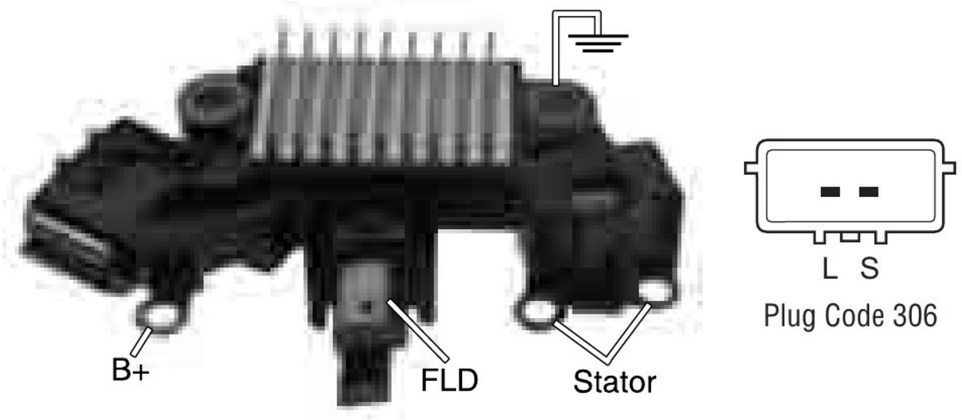


IH769

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, W-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators
Used On: Opel (Europe)
Unit Nos: Hitachi LR170-509, C, E, F, G, H; LR1100-502E, F; Isuzu 8-97189-112-0,-2, -3,-4
WAI Ref. Nos: 1-2618-01HI

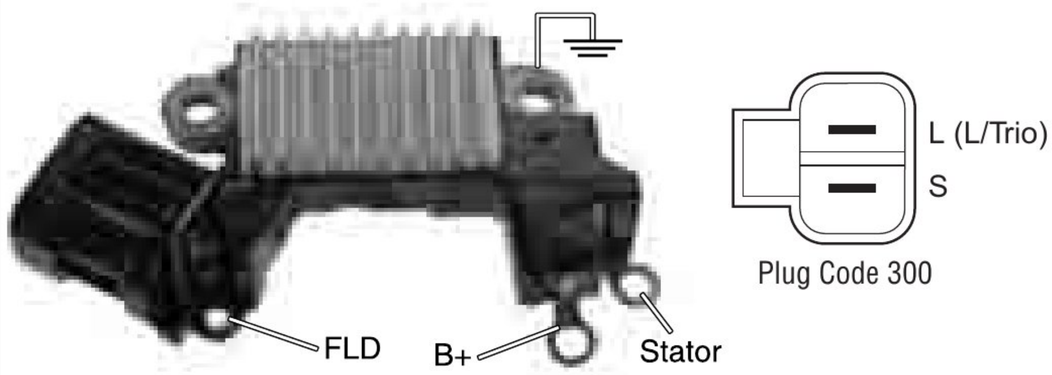


IH774

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Hitachi IR/IF Alternators
Used On: (2001-98) Infinity, Nissan
Replaces: Nissan 23215-0L701, 23215-31U06
Unit Nos: Hitachi LR1100-711B; LR1110-707G, -709B, -710F; LR1125-702F;
Nissan 23100-0L700, -0L701, -2Y900, -31U02, -6P000
Lester Nos: 13612, 13639, 13657, 13712, 13826
WAI Ref. Nos: 1-2098-01HI, 1-2231-01HI, 1-2268-01HI, 1-2382-01HI,



IH765

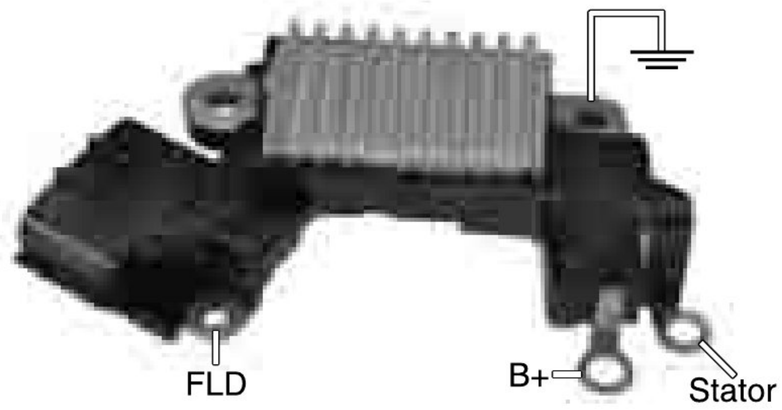
(Ref# 35-8133)

Regulator

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators
Used On: (1998-95) Nissan, Subaru
Unit Nos: Hitachi LR180-742, LR180-742C, LR185-701, LR190-724; Nissan 23100-70F00, 23100-70F05; Subaru 23700-AA210, 23700-AA210F
Lester Nos: 13641, 13642, 13645
WAI Ref. Nos: 1-2013-01HI, 1-2014-01HI, 1-2015-01HI
(cont'd.)

(cont'd.)
Note: Used in Regulator/Rectifier Assy. Hitachi L185G-2340, Subaru 23815-AA050
Similar to IH776 but IH776 has W-L terminals.
Components:
TRI761 Repair Circuit
Features:
• Short circuit protected



IH766

(Ref# 35-8127)

Regulator

12 Volt, A-Circuit, S-L Terminals, 14.2 Vset

For: Hitachi IR/IF Alternators
Used On: (1997-95) Infiniti, Nissan
Replaces: Nissan 23215-31U02, 23215-31U05
Unit Nos: Hitachi LR1110-705, -705B, -707E; LR1125-702, -702B, -702F; Nissan 23100-31U01, -31U02, -40U00, -6P00
Lester Nos: 13612, 13639, 13712
WAI Ref. Nos: 1-1921-01HI, 1-2098-01HI, 1-2192-01HI
Note: 2 pin plug
Features:
• Short-circuit protected

IH772

(Ref# 35-8130)

Regulator

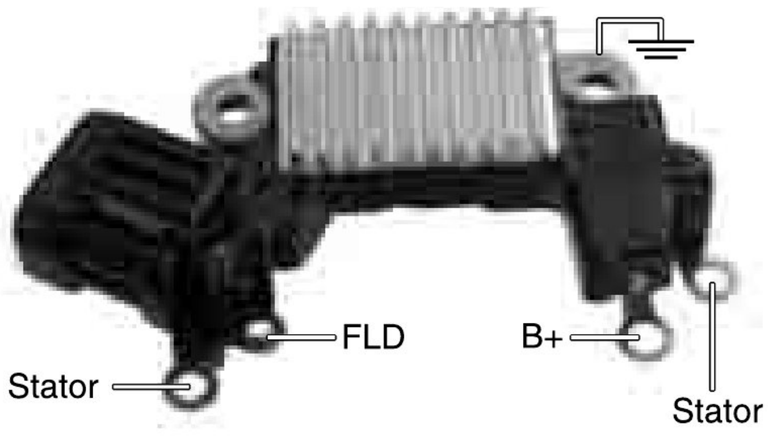
12 Volt, A-Circuit, S-L-C-IG Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators
Used On: (1998-97) Honda, Isuzu
Replaces: Isuzu 8-97182-957-0
Unit Nos: Hitachi LR160-630C, -729C, -730C, -731; LR170-755; Isuzu 8-97101-816-2, 8-97104-101-2, 8-97120-752-0; 8-97130-752-0, -1; 8-97130-776-0, -1
Lester Nos: 13744, 13745, 13757, 13775
WAI Ref. Nos: 1-2089-01HI, 1-2089-02HI, 1-2090-01HI, 1-2180-01HI
Components:
TRI772 Repair Circuit

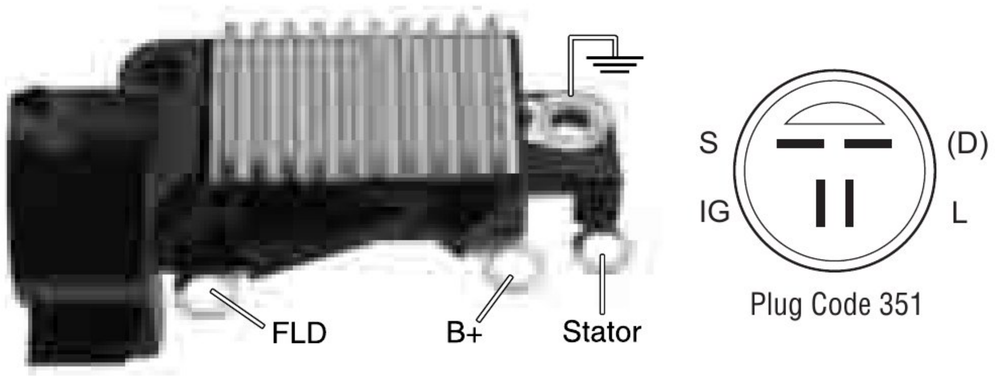
ALTERNATOR - REGULATORS (TRANSPO)

HITACHI

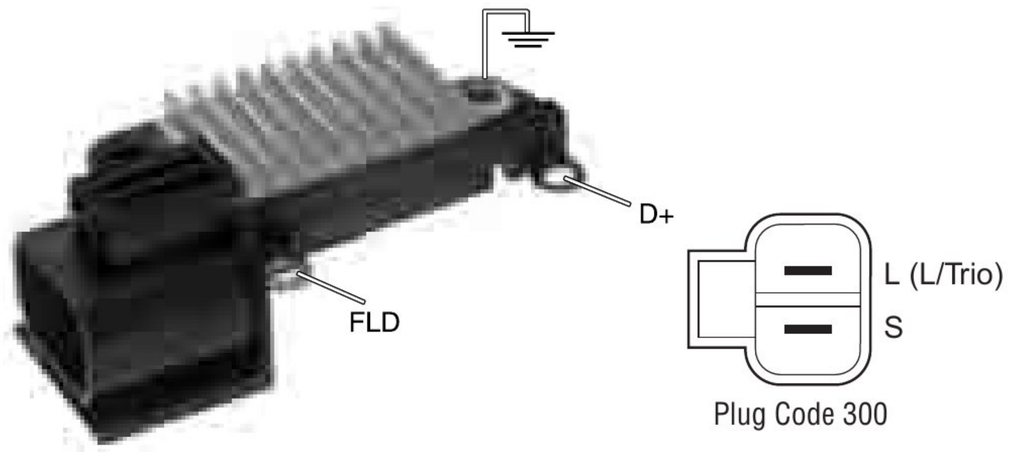
Internal Regulated (cont'd.)



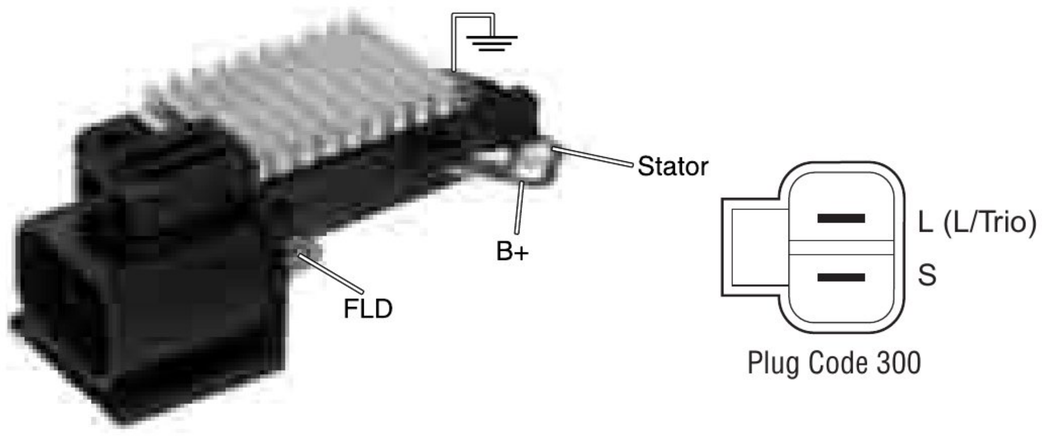
IH776
Regulator
12 Volt, A-Circuit, W-L Terminals, 14.2 Vset
For: Hitachi IR/EF Alternators
Used On: Opel, Isuzu
Replaces: GM 97122643; Hitachi L170G-3319, L170G-6308, L170G-7315; Isuzu 8-97122-643-0, Opel 1204240
Unit Nos: Hitachi LR170-505, -505B; Isuzu 8-9715-0200-0, 8-9716-0200-0
WAI Ref. Nos: 1-2615-01HI
Note: Similar to IH765 but IH765 has S-L terminals.



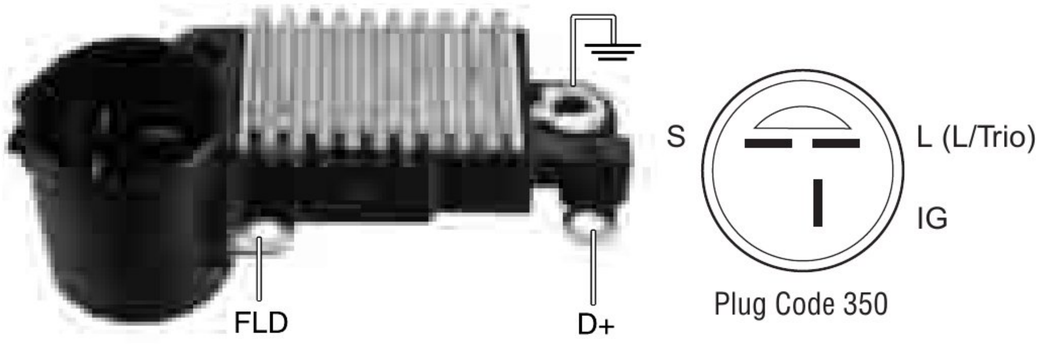
IH247
(Ref# 35-8115)
Regulator
12 Volt, A-Circuit, S-D-IG-L Terminals, 14.5 Vset
For: Hitachi IR/IF Alternators
Used On: (1994-90) Subaru
Replaces: Hitachi L170-23152, Subaru 23815-AA010
Unit Nos: Hitachi LR170-732B, C
Lester Nos: 13275
WAI Ref. Nos: 1-1257-01HI
Components:
TRI247 Repair Circuit



IH760
(Ref# 35-8119)
Regulator
12 Volt, A-Circuit, S-L Terminals, 14.3 Vset
For: Hitachi IR/IF Alternators
Used On: (1991) Nissan
Replaces: Hitachi L170-33152, Nissan 23215-50Y05
Unit Nos: Hitachi LR170-738, B; Nissan 23100-50Y06, -50Y09
Lester Nos: 13334
WAI Ref. Nos: 1-1423-01HI
Note: With trio terminal.
Similar to IH761 except IH761 has stator terminal.
Components:
TRI760 Repair Circuit

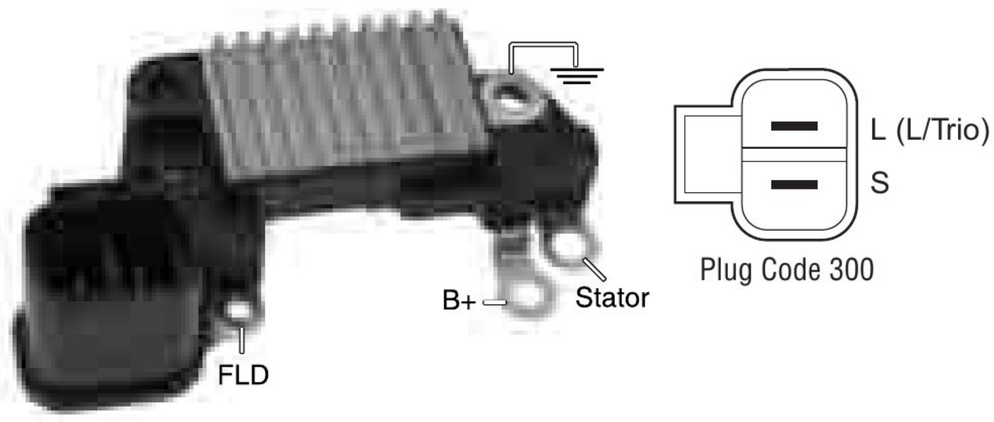


IH761
(Ref# 35-8120)
Regulator
12 Volt, A-Circuit, S-L Terminals, 14.3 Vset
For: Hitachi IR/IF Alternators
Used On: (1994-87) Nissan
Replaces: Hitachi L180G-2340, Nissan 23215-85L00
Unit Nos: Hitachi LR170-738C, LR170-744
Lester Nos: 13333, 13334
WAI Ref. Nos: 1-1423-01HI, 1-1877-01HI
Note: With stator terminal.
Similar to IH760 except IH760 has trio terminal.
Components:
TRI761 Repair Circuit



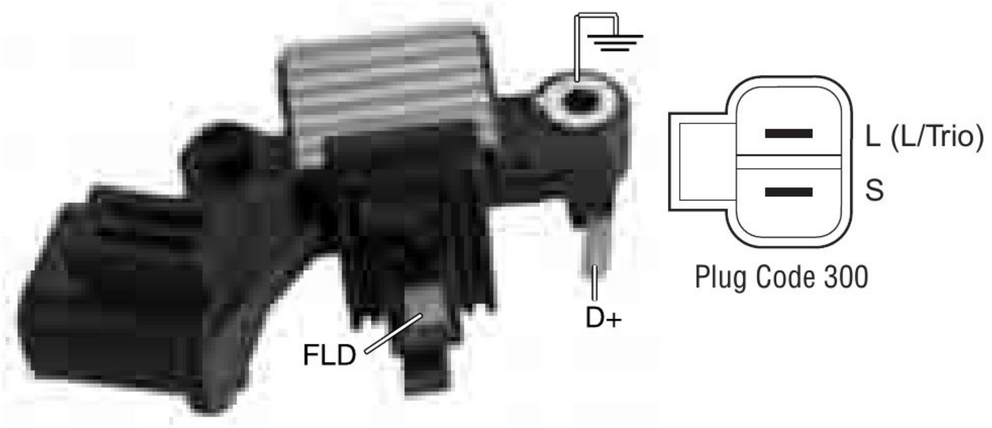
IH251
(Ref# 35-8125)
Regulator
12 Volt, A-Circuit, S-IG-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators
Used On: (1996-93) Honda, Isuzu
Replaces: Isuzu 8-97074-937-0
Unit Nos: Hitachi LR150-711, LR150-725, LR150-726, LR160-725, LR160-725B, LR160-726, LR160-738; Isuzu 8-97042-637-1, 8-97063-025-0, 8-97063-025-1, 8-97063-026-0, 8-97063-026-1, 8-97084-578-0
Lester Nos: 13564, 14859, 14960
WAI Ref. Nos: 1-1878-01HI, 1-1879-01HI, 1-1880-01HI
Components:
TRI431 Repair Circuit



IH763
(Ref# 35-8122)
Regulator
12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

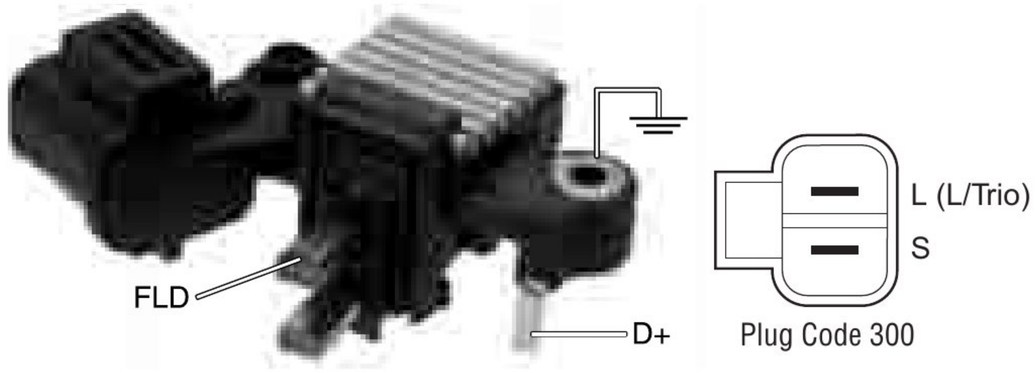
For: Hitachi IR/IF Alternators
Used On: (1994-92) Nissan
Replaces: Hitachi L195G-2340, Nissan 23215-97E01
Unit Nos: Hitachi LR195-701
Lester Nos: 13477
WAI Ref. Nos: 1-1583-01HI
Components:
TRI761 Repair Circuit



IH238
(Ref# 35-8103)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

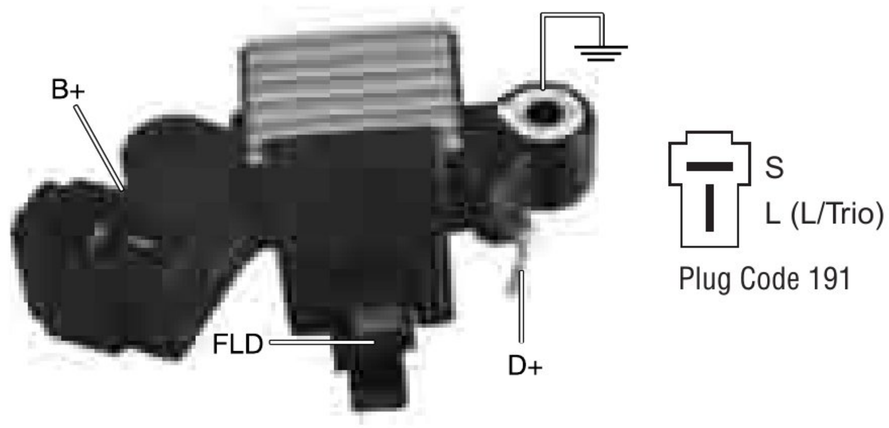
For: Hitachi IR/IF Alternators
Used On: (1985) Nissan
Replaces: Hitachi L180-3315, L190-3315; Nissan 23133-16E05, -F6100
(cont'd.)

(cont'd.)
Unit Nos: Hitachi LR170-704, LR170-713, LR170-721, LR180-704, LR190-704, LR190-709
Lester Nos: 14651, 14661, 14752
WAI Ref. Nos: 1-1122-01HI, 1-1533-01HI
Note: Without capacitor. For version w/ capacitor use IH239
Components:
TRI423 Repair Circuit (Transpo IH238 only)
TRI420 Repair Circuit (OE regulator only)



IH239
(Ref# 35-8107)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators
Used On: (1991-85) Nissan
Replaces: Hitachi L180-7315, Nissan 23133-26E60
Unit Nos: Hitachi LR170-721B, LR180-721B, LR190-704B, LR190-709B, LR190-711
Lester Nos: 14651, 14661, 14752
WAI Ref. Nos: 1-1122-01HI, 1-1533-01HI
Note: With capacitor. For version wo/ capacitor use IH238
Components:
38-8103 Brush
TRI421 Repair Circuit



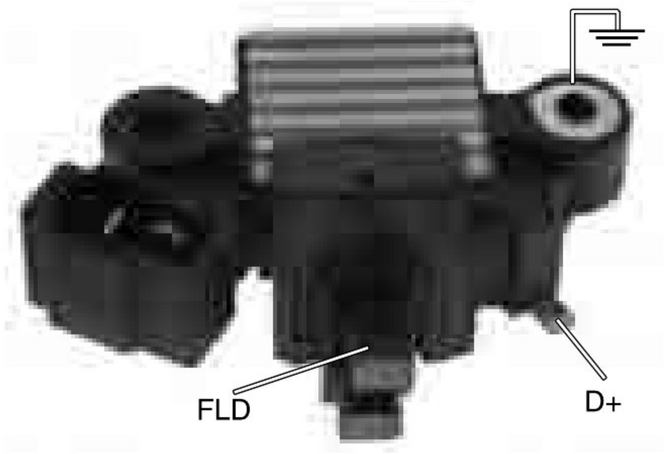
IH243
(Ref# 35-8112)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

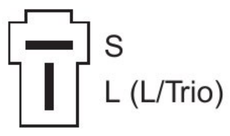
For: Hitachi IR/IF Alternators
Used On: (1987-85) Subaru
Replaces: Hitachi L165-2315, Subaru 23733-AA000
Unit Nos: Hitachi LR165-704
Lester Nos: 14743
WAI Ref. Nos: 1-1258-01HI
Components:
38-8106 Brush
TRI420 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

HITACHI

Internal Regulated (cont'd.)





Plug Code 191

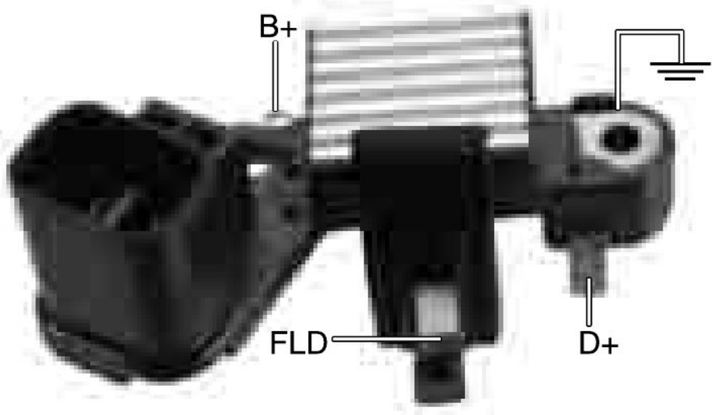
IH246

(Ref# 35-8113)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators
Used On: (1991-87) Subaru
Replaces: Hitachi L165-5315; Subaru 23733-AA010
Unit Nos: Hitachi LR165-704B, LR165-705; Subaru 23700-AA150
Lester Nos: 14743
WAI Ref. Nos: 1-1258-01HI
Components:
TRI421 Repair Circuit

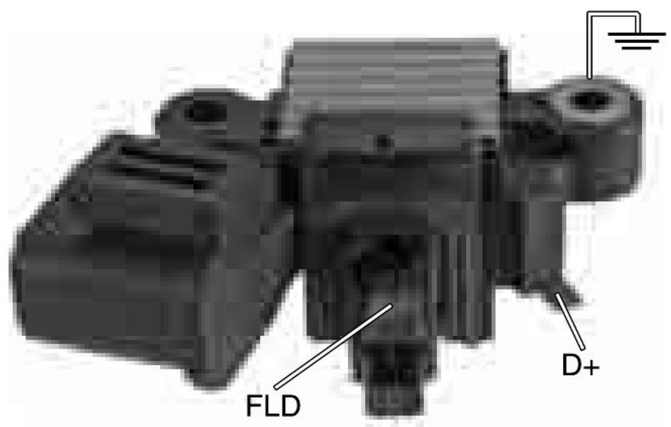


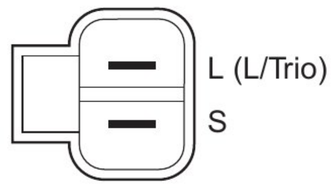
IH250

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators
Used On: Nissan Bluebird
Replaces: Hitachi L170-3315; Nissan 23133-13E00
Unit Nos: Hitachi LR160-708, LR160-709, LR160-710; Nissan 23100-02E00, 23100-02E05
Components:
TRI420 Repair Circuit





Plug Code 300

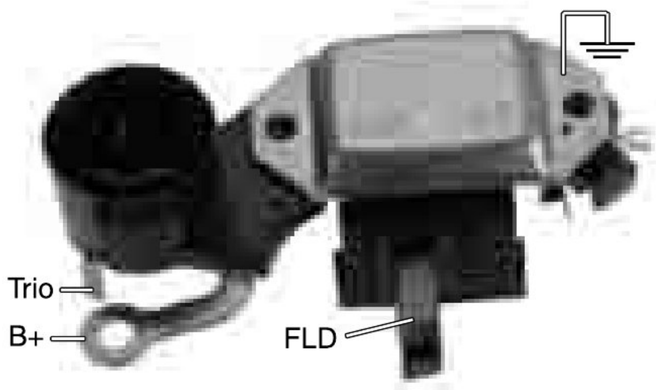
IH245

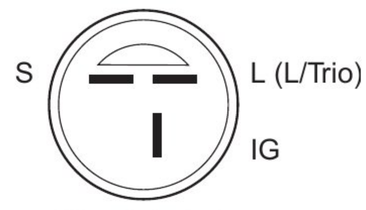
(Ref# 35-8109)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators
Used On: (1990-89) Nissan
Replaces: Hitachi L170-43151, Nissan 23133-77A00
Unit Nos: Hitachi LR165-707, B
Lester Nos: 13250
WAI Ref. Nos: 1-1128-01HI
Components:
TRI421 Repair Circuit





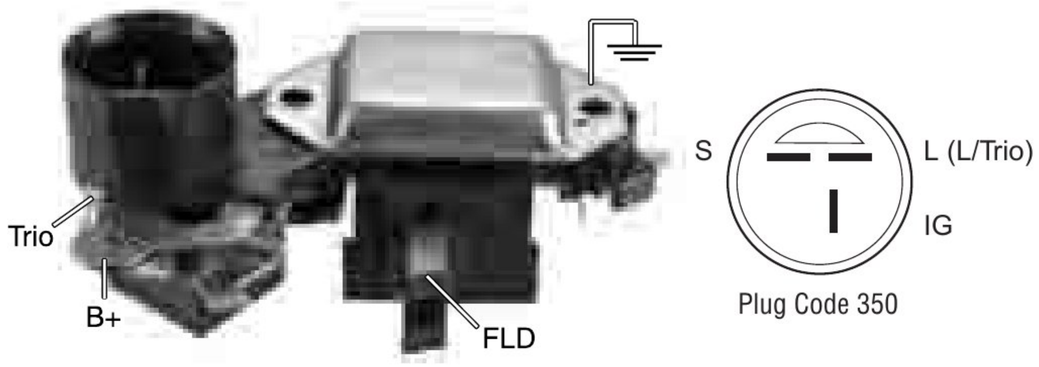
Plug Code 350

IH252

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-IG-L Terminals, 14.3 Vset

For: Hitachi IR/EF Alternators
Used On: Hino, Isuzu Truck
Replaces: GM 94167410; Hitachi L150-33155; Isuzu 8-94167-410-0, 8-94167-410-8
Unit Nos: Hitachi LR150-415, -421C, -434B, -438B, -439B, -444B, -448, -449B; LR155-415, -416, -418B, -419B; LR160-418B, -419, -432B, -433B, -433E, -434B, -435E, -443, -444, -446, -447B, -448B; LR170-410, -418B, -418C; Isuzu 8-94122-488-4, 8-94128-056-2, 8-94171-674-0, 8-94408-365-0, 8-94419-519-1, 8-94428-885-3, 8-94428-886-1, 8-94428-887-3, 8-94441-959-1; 8-94449-054-0, -2; 8-94452-134-1, 8-94452-729-2, 8-94452-739-0; 8-94452-740-1, -3; 8-97023-733-1; 8-97037-724-0, -1; 8-97039-342-0, 8-97043-566-0, 8-97073-923-1, 8-97073-924-1, 8-97074-611-0, 8-97080-328-1
Lester Nos: 12097, 14735
WAI Ref. Nos: 1-1940-02HI, 1-2271-01HI
Note: Without capacitor.
For version w/ capacitor use IH252V.
Components:
IH212-1 Regulator

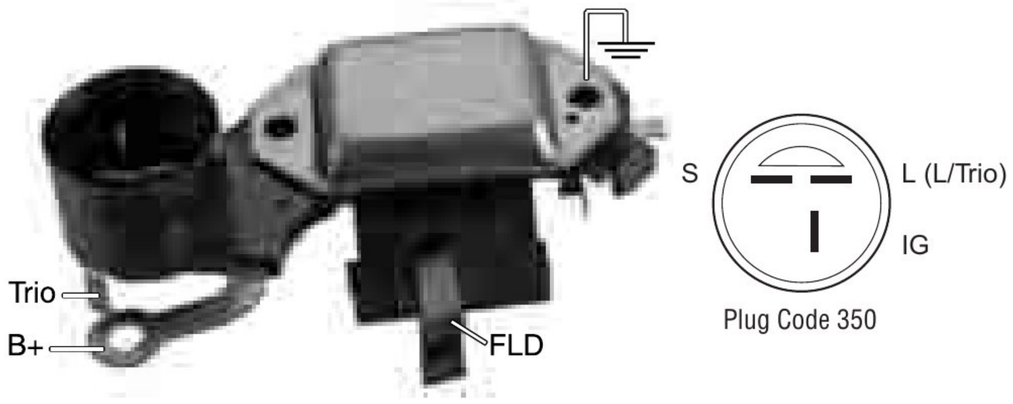


IH252V

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-IG-L Terminals, 14.3 Vset

Same as IH252 except...
Note: With capacitor.
For version wo/ capacitor use IH252.



IH253

(Ref# 35-8138)

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, S-IG-L Terminals, 27.0 Vset

For: Hitachi IR/EF Alternators
Used On: Industrial Lift Trucks
Replaces: Hitachi L225-9315, TR2Z-49; Nissan 23215-C6800, 23528-C8601
Unit Nos: Hitachi LR235-402, Nissan 23100-C8604
Note: Without capacitor. For regulator only use IH716.



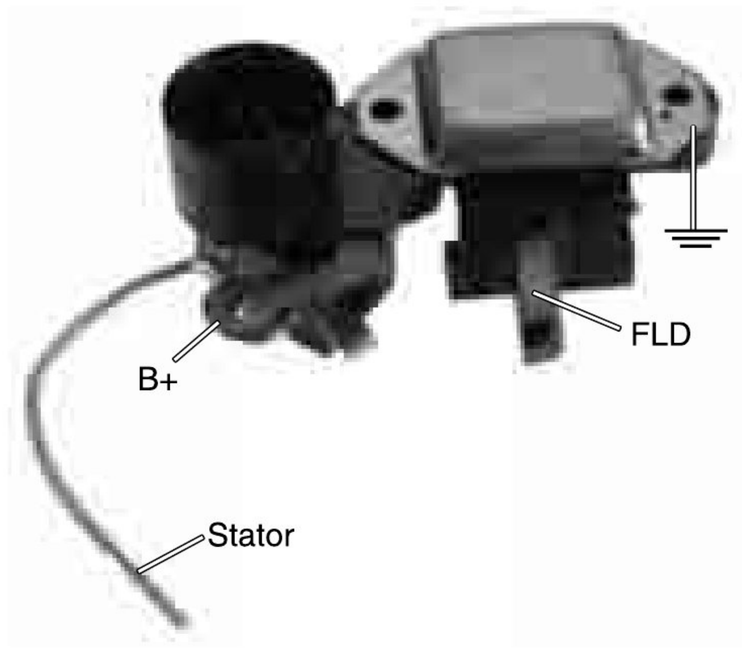
IH254

(Ref# 35-8137)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L-W-IG Terminals, 14.5 Vset

For: Hitachi IR/EF Alternators
Used On: Isuzu, Opel (Diesel)
Replaces: Hitachi L170G-1315
Unit Nos: Hitachi LR170-420, -420B; Isuzu 8-97041-790-0
Lester Nos: 12273
WAI Ref. Nos: 1-2616-01HI
Note: Without capacitor.
For version w/ capacitor use IH254V.
Components:
IH212-1 Regulator

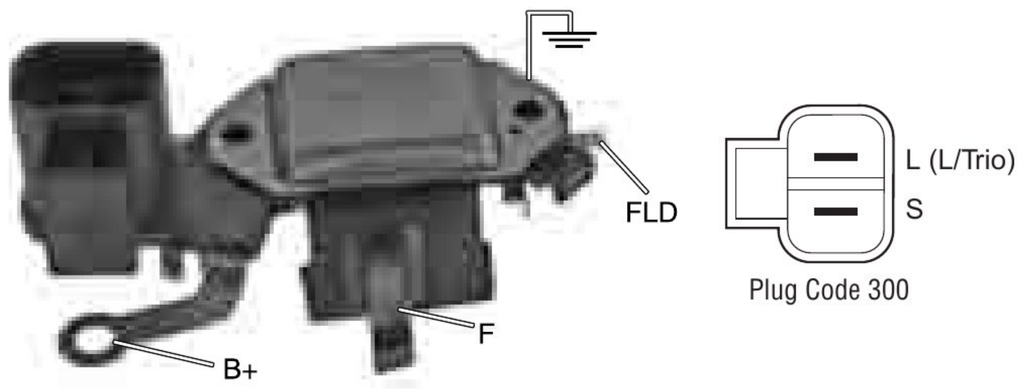


IH254V

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L-W-IG Terminals, 14.5 Vset

Same as IH254 except...
Note: With capacitor.
For version wo/ capacitor use IH254.



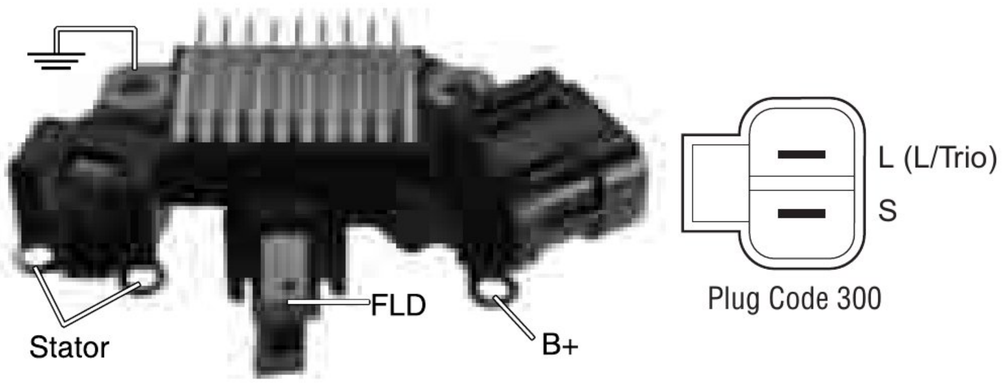
IH205

(Ref# 35-8136)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Hitachi IR/EF Alternators
Used On: Isuzu
Replaces: Hitachi L150-93155, L160-23153, L160-63153
Unit Nos: Hitachi LR170-404, LR170-404B, LR170-404C; Nissan 23100-54A01, 23100-54A02, 23100-54A03
Lester Nos: 14753
WAI Ref. Nos: 1-1426-01HI
Components:
IH212-1 Regulator



IH738

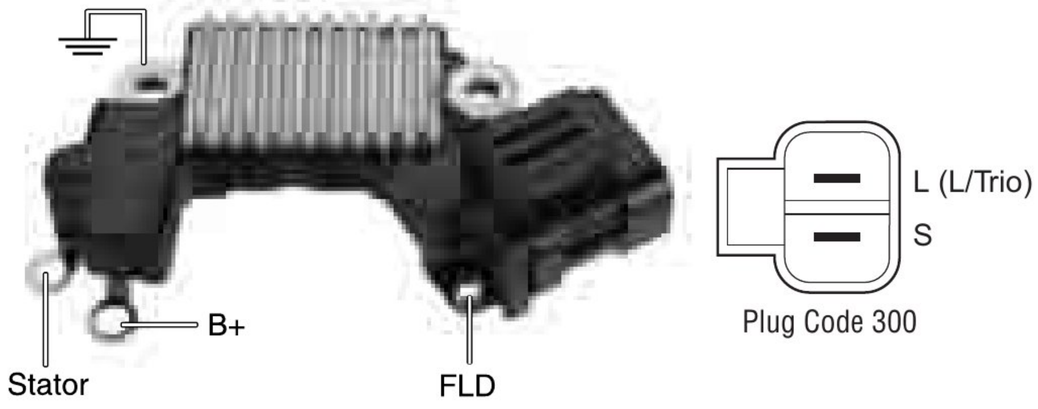
Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Hitachi IR/IF Alternators
Used On: (2001-98) Nissan
Replaces: Nissan 23215-5V100
Unit Nos: Hitachi LR170-757B, LR180-756B; LR1100-709B, -722; Nissan 23100-3S500, -5M000, -9E000
Lester Nos: 13760, 13778, 13827
WAI Ref. Nos: 1-2191-01HI, 1-2193-01HI, 1-2449-01HI
Features:
• Stator excite

HITACHI

Internal Regulated (cont'd.)



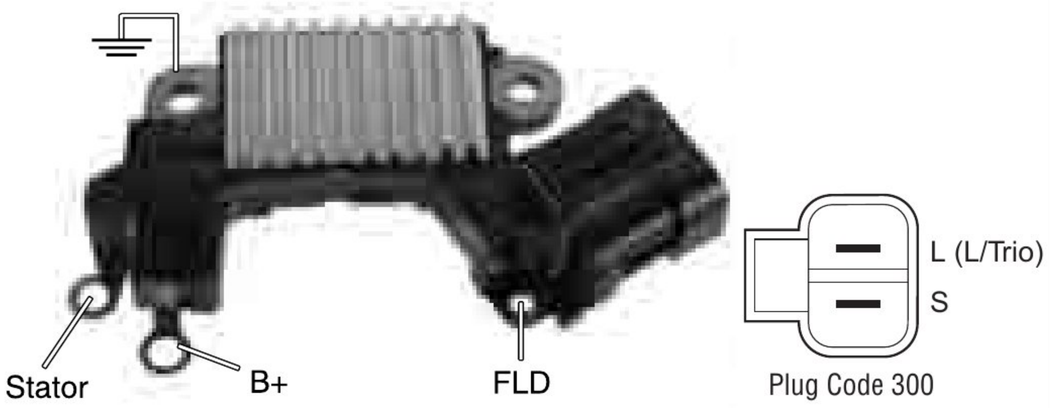
IH767

(Ref# 35-8126)

Regulator

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset, wo/ LRC

For: Hitachi IR/IF Alternators
Used On: (1999-95) Nissan
Replaces: Hitachi L170G-5315, L170G-6315, L180G-23401; Nissan 22020-85M10, 23215-0M000, 23215-0M800, 23215-0M801, 23215-0M810
Unit Nos: Hitachi LR160-727; LR165-711, -711B; LR170-743, -745, -745B, -746, -746E, -746F, -746G, -746J, -748, -748B, -750C, -750E, -752, -752B; LR180-741, -741B, -741H, -744; LR190-725B, -725E, -732
Lester Nos: 13636, 13637, 13640, 13643, 13644
WAI Ref. Nos: 1-2001-01HI, 1-2002-01HI, 1-2091-01HI, 1-2093-01HI, 1-2152-01HI
Note: Similar to IH782 except IH782 has 5 sec LRC.
Components:
TRI767 Repair Circuit
Features:
• Short-circuit protected



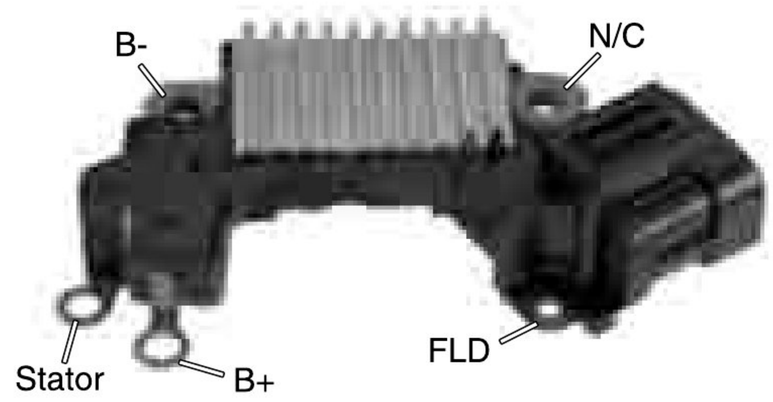
IH782

(Ref# 35-8129)

Regulator

12 Volt, A-Circuit, S-L Terminals, 14.2 Vset, 5 sec. LRC

For: Hitachi IR/IF Alternators
Used On: (1999-96) Nissan
Replaces: Hitachi L190G-5340, Nissan 23215-0W402
Unit Nos: Hitachi LR180-751; LR190-729, C; LR190-737
Lester Nos: 13638, 13713, 13728
WAI Ref. Nos: 1-2092-01HI, 1-2103-01HI, 1-2124-01HI



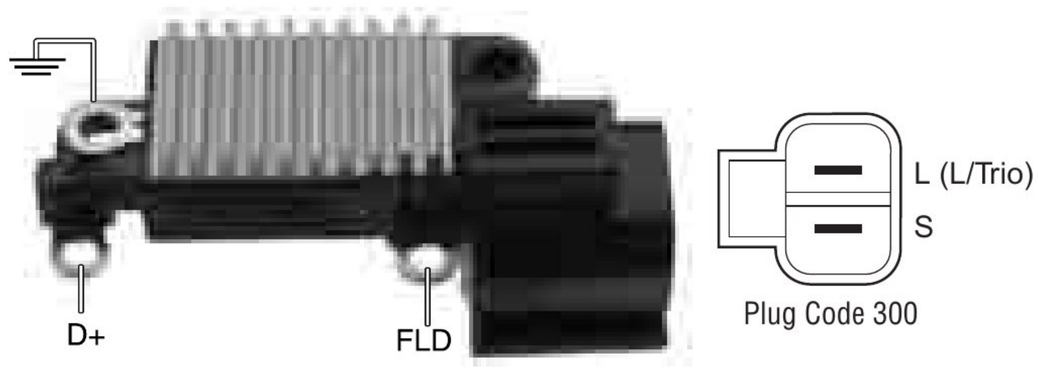
IH783

(Ref# 35-8132)

Regulator

12 Volt, A-Circuit, D-L Terminals, 14.2 Vset

For: Hitachi IR/EF Alternators
Used On: Isuzu Truck
Unit Nos: GM 97189650; Hitachi LR180-509, -509C, -510; Isuzu 2-90276-810-0, 8-97116-697-3, 8-97189-549-0, 8-97189-649-0, 8-97189-650-0
Lester Nos: 12335, 12336
WAI Ref. Nos: 1-2358-01HI, 1-2496-01HI
Note: OE regulator is single L-terminal and does not incorporate soft-start.
Features:
• Internal sense
• Soft start



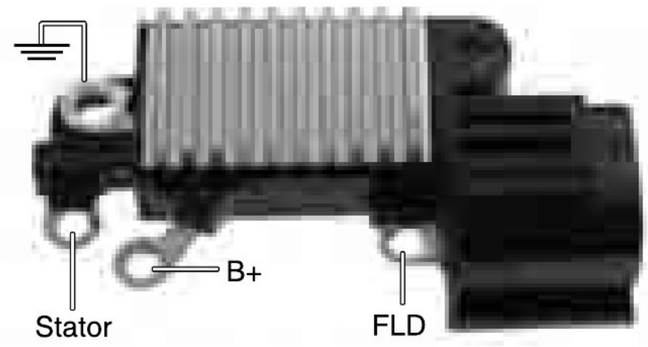
IH248

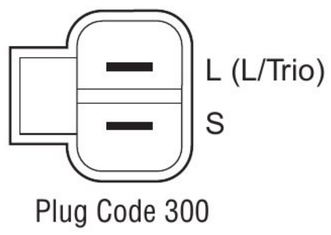
(Ref# 35-8116)

Regulator

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

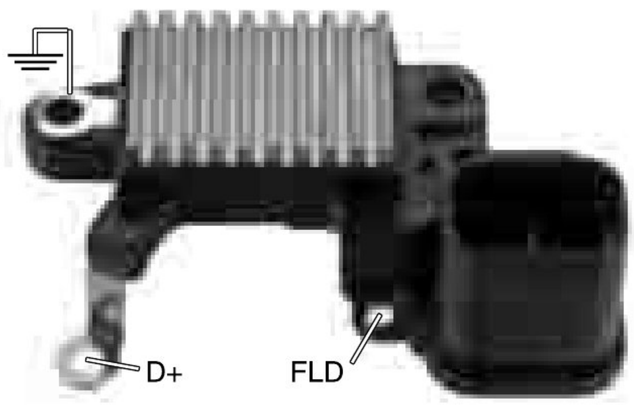
For: Hitachi IR/IF Alternators
Used On: (1994-90) Infiniti, Nissan
Replaces: Hitachi L180-8315, Nissan 23215-64J00
Unit Nos: Hitachi LR160-723, B; LR170-734B, LR170-739, LR180-725, LR180-729
Lester Nos: 13273, 13285, 13287, 13329, 13533
WAI Ref. Nos: 1-1118-01HI, 1-1119-01HI, 1-1425-01HI, 1-1427-01HI, 1-1429-01HI
Note: With trio terminal.
Similar to IH762 except IH762 has stator terminal.
Components:
TRI248 Repair Circuit

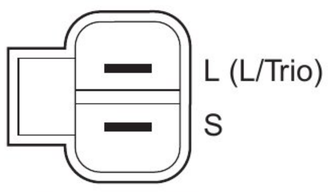




IH762
(Ref# 35-8123)
Regulator
12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

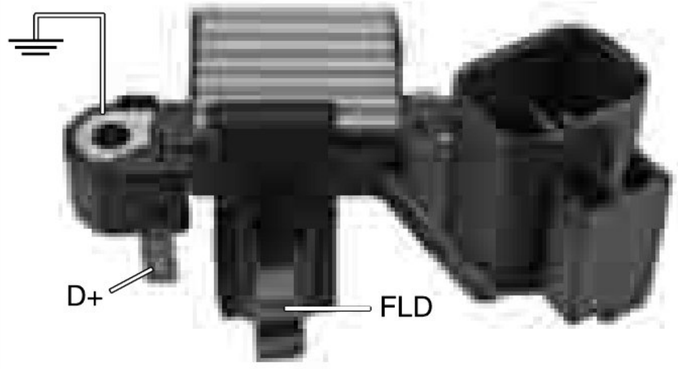
For: Hitachi IR/IF Alternators
Used On: (1996-93) Nissan
Replaces: Hitachi L180-5340, L180G-5340; Nissan 23215-64J02
Unit Nos: Hitachi LR160-724, LR170-739B; LR180-725B, C, E; LR180-734B, C; LR180-736B, LR190-717
Lester Nos: 13329, 13474, 13531, 13533, 13534
WAI Ref. Nos: 1-1120-01HI, 1-1427-01HI, 1-1429-01HI, 1-1953-01HI, 1-1954-01HI
Note: With stator terminal.
Similar to IH248 except IH248 has trio terminal.
Components:
TRI767 Repair Circuit

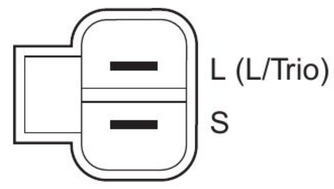




IH770
(Ref# 35-8118)
Regulator
12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

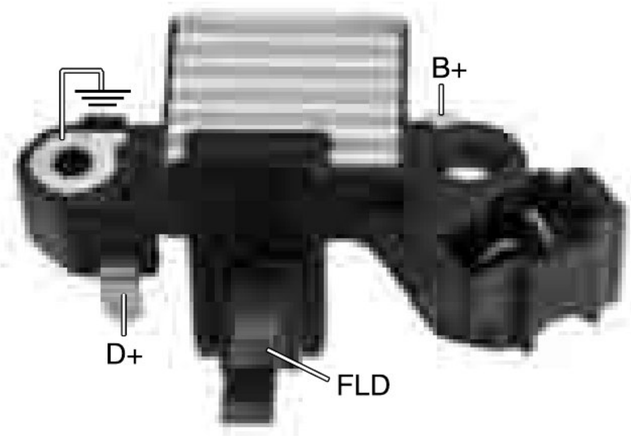
For: Hitachi IR/IF Alternators
Used On: (1993-90) Infiniti
Replaces: Hitachi L1110-2315, Nissan 23215-60U00
Unit Nos: Hitachi LR1100-702, LR1110-701, LR1110-702; Nissan 23100-60U00, 23100-60U01, 23100-61U00
Lester Nos: 13261
WAI Ref. Nos: 1-1478-01HI
Components:
TRI770 Repair Circuit

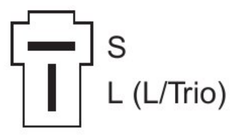




IH237
(Ref# 35-8102)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators
Used On: (1989-84) Nissan
Replaces: Hitachi L170-1315, Nissan 23133-04P01
Unit Nos: Hitachi LR170-701B, E; LR170-702B
Lester Nos: 14655, 14717
WAI Ref. Nos: 1-1105-01HI, 1-1105-02HI
Components:
TRI410 Repair Circuit





IH240
(Ref# 35-8135)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators
Used On: Holden Commodore, Subaru
Replaces: Hitachi L170-6315
Unit Nos: Hitachi LR160-703, LR160-706, LR170-703, LR170-706; Subaru 9202-0644
Components:
TRI410 Repair Circuit



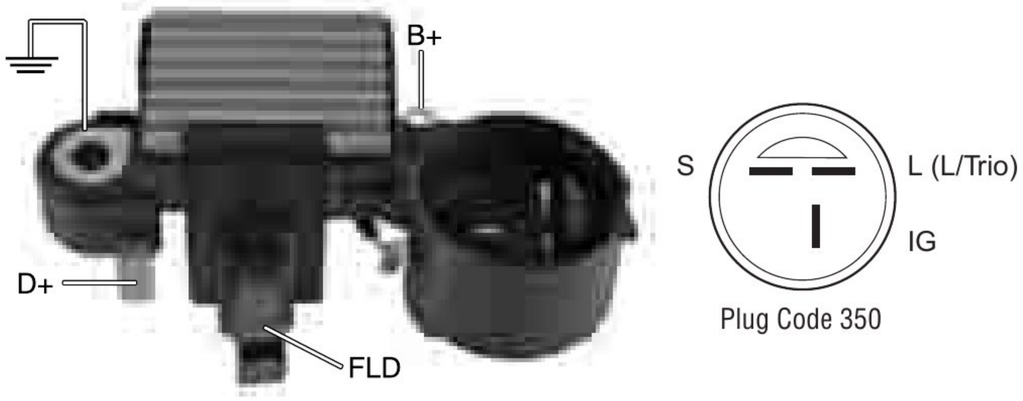
IH258
Regulator
12 Volt, A-Circuit, IG-L Terminals, 14.4 Vset

For: Hitachi IR/IF Alternators
Used On: Honda Gold Wing Motorcycles
Unit Nos: Hitachi LR140-708, -708C; Honda 31100-MT2-015
WAI Ref. Nos: 1-2494-01HI

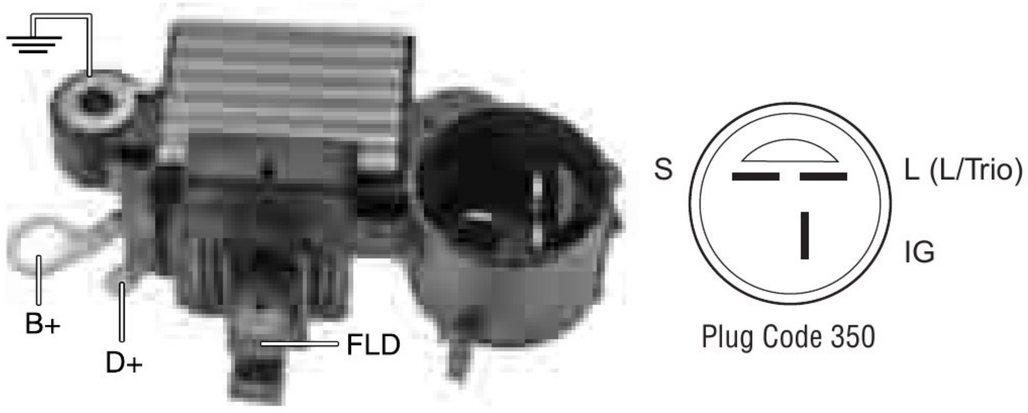
ALTERNATOR - REGULATORS (TRANSPO)

HITACHI

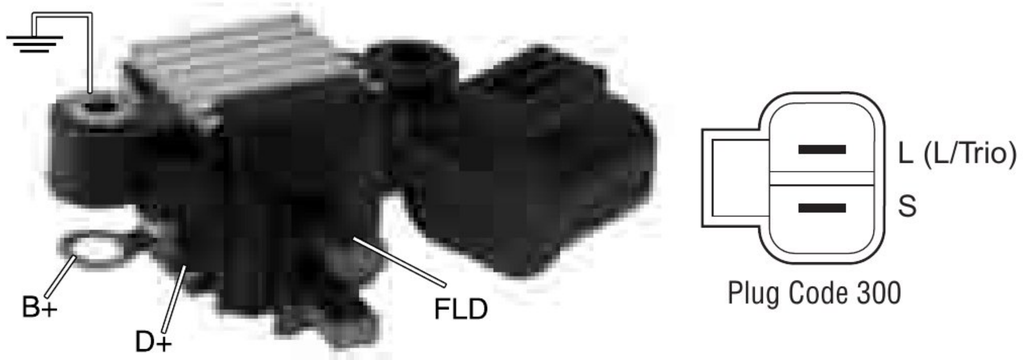
Internal Regulated (cont'd.)



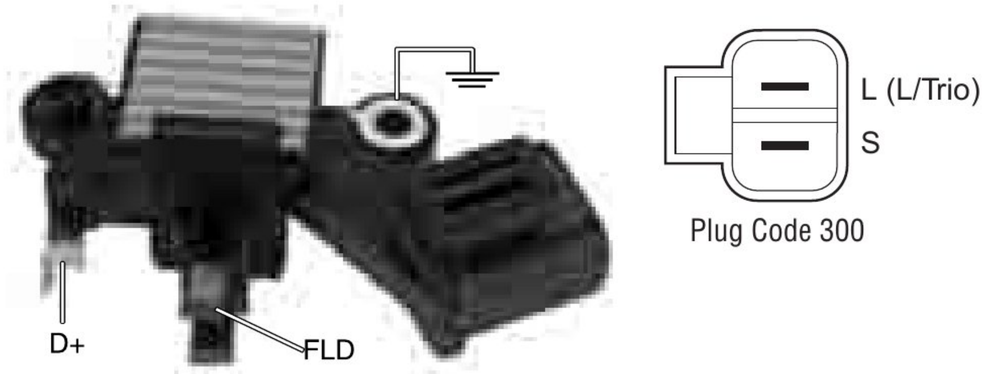
IH241
(Ref# 35-8110)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset
For: Hitachi IR/IF Alternators
Used On: (1987-86) Isuzu
Replaces: Hitachi L150-43156, L150-73155; Isuzu 8-94249-860-0, 8-94410-335-0
Unit Nos: Hitachi LR150-703
Lester Nos: 14859
WAI Ref. Nos: 1-1249-01HI
Components:
38-8104 Brush
TRI430 Repair Circuit



IH244
(Ref# 35-8111)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset
For: Hitachi IR/IF Alternators
Used On: (1996-87) Honda, Isuzu
Replaces: Isuzu 8-94462-849-0
Unit Nos: Hitachi LR150-704, H; LR160-718, H
Lester Nos: 14859, 14860, 14960
WAI Ref. Nos: 1-1232-01HI, 1-1233-01HI, 1-1880-01HI
Note: L-terminal is an output terminal
Components:
TRI430 Repair Circuit



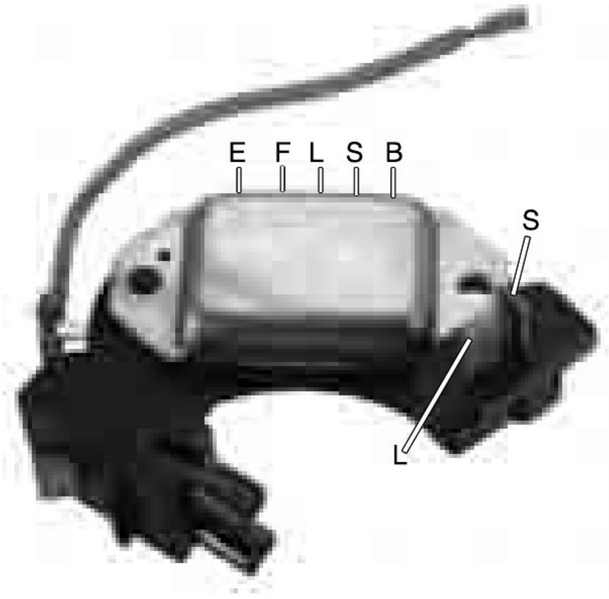
IH242
(Ref# 35-8104)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.3 Vset
For: Hitachi IR/IF Alternators
Used On: (1990-86) Nissan
Replaces: Hitachi L160-43154; L170-13151, -53151, -8315; Nissan 23133-58S00, -58S01, -D4401
Unit Nos: Hitachi LR160-715, LR170-714; LR170-715, -715B; LR170-716, -716B; LR170-717, LR170-727, LR180-715; LR180-718, -718B; LR180-719
Lester Nos: 13273, 13327, 14241, 14242, 14719, 14979
WAI Ref. Nos: 1-1098-01HI, 1-1102-01HI, 1-1120-01HI, 1-1125-01HI, 1-1126-01HI, 1-1126-02HI, 1-1870-01HI, 1-2166-01HI
Components:
38-8106 Brush
TRI422 Repair Circuit

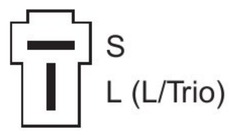


IH249
(Ref# 35-8117)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.6 Vset
For: Hitachi IR/IF Alternators
Used On: (1993-90) Infiniti, Nissan
Replaces: Hitachi L190-4315, Nissan 23133-F6500
Unit Nos: Hitachi LR180-724, LR190-706, LR190-707, LR190-714
Lester Nos: 13262, 13324
WAI Ref. Nos: 1-1107-01HI, 1-1477-01HI, 1-2099-01HI
Components:
TRI421 Repair Circuit



IH204
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.5 Vset
For: Hitachi IR/EF Alternators
Used On: Isuzu (Diesel)
Unit Nos: Hitachi LR150-78B, Isuzu 8-94221-450-1
Components:
IH212-1 Regulator





Plug Code 191

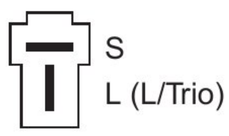
IH201

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/EF Alternators
Used On: Nissan
Replaces: Hitachi L135N-13151, L150-13152; Nissan 23133-B9800, 23133-P2501
Unit Nos: Hitachi LR135-44, LR150-53; Nissan 23100-B9800, 23100-H7701
Lester Nos: 14231, 14255, 14587
WAI Ref. Nos: 1-1109-01HI, 1-1112-01HI
Components:
IH210-1 Regulator





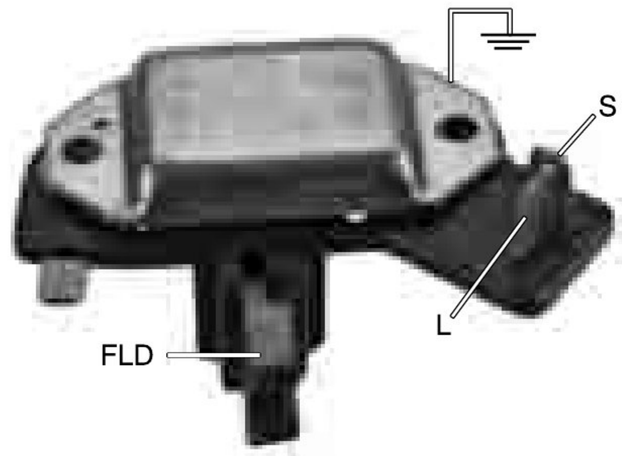
Plug Code 191

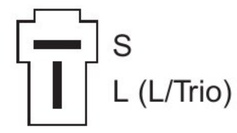
IH202

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/EF Alternators
Used On: (1980-78) Nissan
Replaces: Hitachi L160-13151, L160-1330; Nissan 23133-P3005
Unit Nos: Hitachi LR160-42B; Nissan 23100-P3006, 23100-P3008
Lester Nos: 14185
WAI Ref. Nos: 1-1569-01HI
Components:
IH210-1 Regulator





Plug Code 191

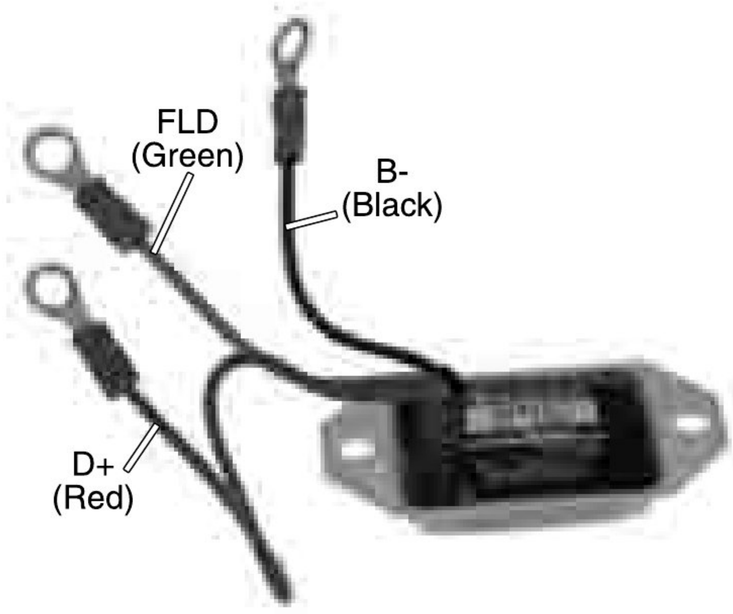
IH203

(Ref# 35-8134)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/EF Alternators
Used On: (1986-78) Nissan
Replaces: Hitachi L150-43151, -63151; L160-43151; Nissan 23133-D0200, -Q4601, 23133-W1606, -W7101
Unit Nos: Hitachi LR150-99B, -125B; LR160-78, -93, -104, -109; Nissan 23100-D0201, -D0800, -D1700, -H7703, -M6601, -W5806
Lester Nos: 14255, 14303, 14588
WAI Ref. Nos: 1-1096-01HI, 1-1097-01HI, 1-1109-01HI
Components:
IH210-1 Regulator



IH211

(Ref# 35-8114)

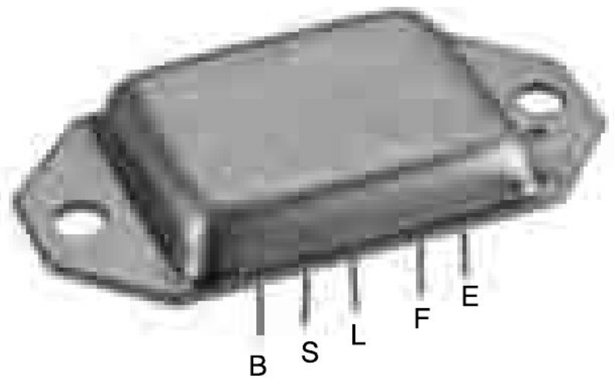
Regulator

12 Volt, A-Circuit, L-F-E Terminals, 14.7 Vset

For: Hitachi IR/EF Alternators
Used On: Yanmar
Replaces: Hitachi TR1Z-28, Isuzu 5-81229-054-0, Nissan 23215-79500, Yanmar X-TR1Z28
Unit Nos: Hitachi LR135-123, LR135-31; Isuzu 8-94151-410-0; Yanmar 121370-77200
Lester Nos: 14218
Dim: 50mm Mounting
Terminal ID: Green FLD, Red: D+, Black: B-.
Note: 3-wire lead version of IH210.

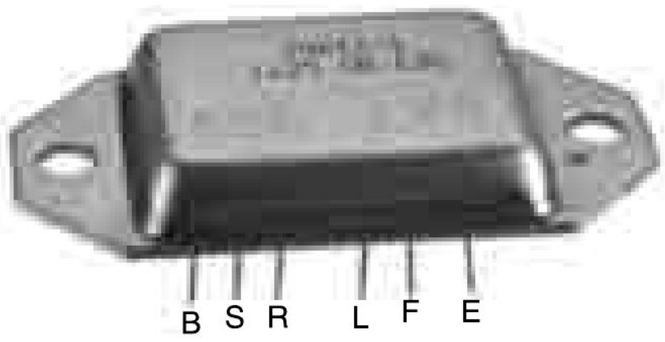
HITACHI

Internal Regulated (cont'd.)



IH210-1
(Ref# 35-8100)
Regulator
12 Volt, A-Circuit, B-S-L-F-E Terminals, 14.3 Vset
For: Hitachi IR/EF Alternators
Used On: (1994-78) Nissan, Subaru
Replaces: Hitachi TR1Z-27, -33, -34, -47, -48, -56, -65; Nissan 23125-F2500, -B9800, -E3200, -E3201, -F2500, -P2500, -Q4601, -Q4602; Subaru 42990-7100, -7110; 49575-7101, -7301
Unit Nos: Hitachi LR135, -32, -41B, -44, -61, -61B, -130; LR138-01; LR150-30B, -31, -35, -36, -46, -50, -51, -52, -53, -58, -94B, -98, -98B, -98E, -99, -99B -101B, -125, -125B, -132B, -140, -177, -194, -194B, -197, -197B, -218; LR155-15, -15B, -15C, -18, -23, -24; LR160-20, -42, -42B, -46, -47, -57, -61, -62, -74, -75, -78, -78B, -78C, -82, -82B, -84, -84B, -85B, -93, -104, -105, -109, -109C, -113, -121, -124, -130, -137, -138, -139, -140B, -151, -151R, -166; LR170-02B, -10, -14, -18, -21, -22; LR180-01B, -02
Lester Nos: 14185, 231, 255, 300, 301, 303, 585, 587, 588, 592, 647, 652, 659, 660, 664, 665, 721, 742, 744, 745, 746, 747, 749, 751
WAI Ref. Nos: 1-1096-01HI, 1-1097-01HI, 1-1104-01HI, 1-1109-01HI, 1-1112-01HI, 1-1114-01HI, 1-1115-01HI, 1-1117-01HI, 1-1124-01HI, 1-1131-01HI, 1-1134-01HI, 1-1253-01HI, 1-1567-01HI, 1-1569-01HI, 1-1593-01HI, 1-1593-02HI
Note: Used in IH203 regulator / brush holder assy.

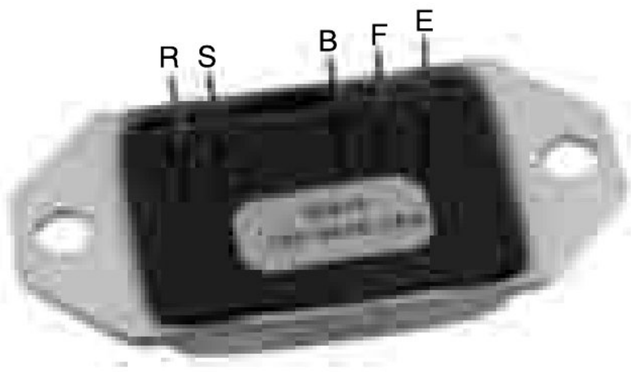
IH210HD
Regulator
12 Volt, A-Circuit, B-S-L-F-E Terminals, 14.3 Vset
Same as IH210-1 except...
Features:
- Heavy Duty
- Adjustable voltage



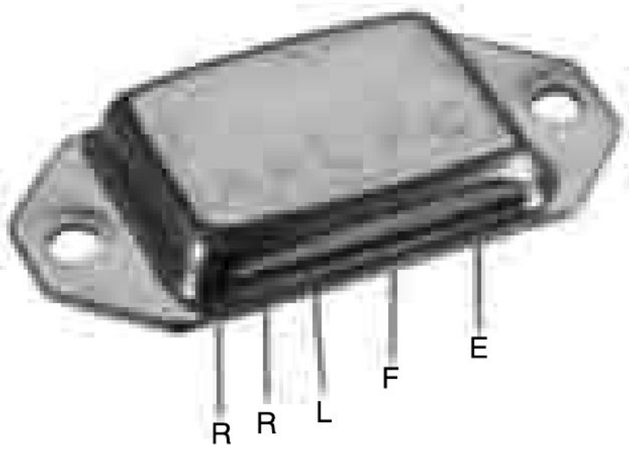
IH212-1
(Ref# 35-8101)
Regulator
12 Volt, A-Circuit, B-S-R-L-F-E Terminals, 14.3 Vset
For: Hitachi IR/EF Alternators w/ Vacuum Pump
Used On: (1987-81) Chevrolet, Hino, Isuzu, Isuzu Truck, Nissan, Pontiac
Replaces: Hitachi TR1Z-43, TR1Z-62, TR1Z-64, TR1Z-64A
(cont'd.)

(cont'd.)
Unit Nos: Hitachi LR140-130B, P; LR140-131, -B; LR140-138; LR150-55B; LR150-133B, C, E; LR150-146, B, C, E; LR150-147B, C; LR150-155B, LR150-201B, LR150-205, B; LR150-401; LR150-402, C; LR150-403, LR150-434B, LR150-436, LR150-449C, LR155-12C, LR155-16B; LR160-96B, C; LR160-97B, C; LR160-401, C; LR160-422B, LR170-401, LR170-404, B, C; LR170-410; LR170-418B, C
Lester Nos: 14586, 14613, 14615, 14645, 14648, 14649, 14653, 14654, 14663, 14730, 14731, 14735, 14753, 14858, 14874, 14952
WAI Ref. Nos: 1-1113-01HI, 1-1116-01HI, 1-1121-01HI, 1-1129-01HI, 1-1130-01HI, 1-1236-01HI, 1-1247-01HI, 1-1426-01HI, 1-1516-01HI, 1-1570-01HI, 1-1571-01HI, 1-1940-01HI, 1-1940-02HI, 1-2271-01HI
Note: For heavy duty version use IH717-1.

IH717-1
Regulator
12 Volt, A-Circuit, B-S-R-L-F-E Terminals, 14.3 Vset
Same as IH212-1 except...
Features:
- Heavy Duty

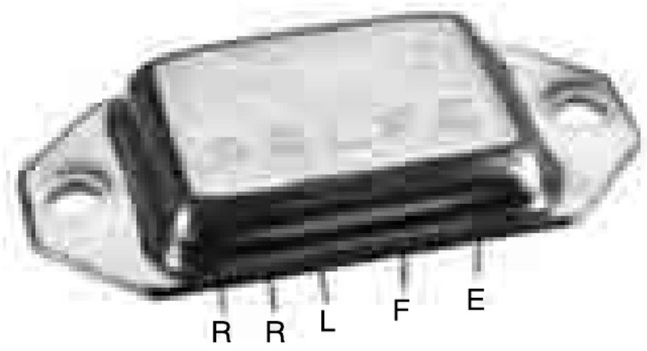


IH214
Regulator
12 Volt, A-Circuit, R-S-B-F-E Terminals, 14.4 Vset
For: Hitachi IR/EF Alternators
Used On: Isuzu (Diesel)
Replaces: Hitachi TR1Z-46, Isuzu 8-94223-967-0
Unit Nos: Hitachi LR140-112; Isuzu 8-94221-451-4
Lester Nos: 14731
WAI Ref. Nos: 1-1247-01HI

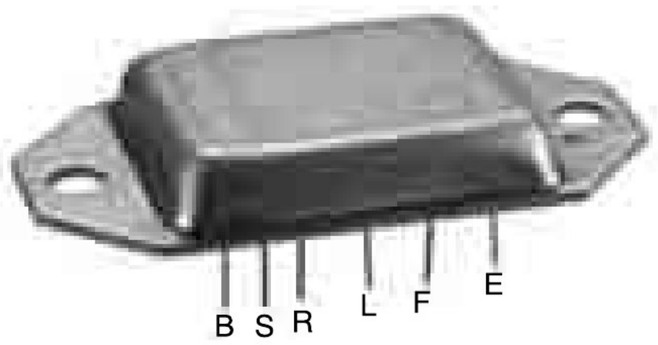


IH215
(Ref# 35-8108)
Regulator
12 Volt, A-Circuit, R-R-L-F-E Terminals, 14.2 Vset
For: Hitachi IR/EF Alternators
Used On: Case, Massey Ferguson
Replaces: Hitachi TR1Z-44, TR1Z-63; Isuzu 5-81270-004-0, Nissan 23500-99010
(cont'd.)

(cont'd.)
Unit Nos: Hitachi LR120-15, C; LR120-23, LR125-34, LR135-58B, LR135-86F, LR135-91; LR135-95, B; LR135-105, LR135-115, LR135-116, LR135-126, LR135-127, LR150-165, LR155-20, LR155-29, LR165-01
Lester Nos: 12129
WAI Ref. Nos: 1-2312-01HI, 1-2313-01HI, 1-2314-01HI, 1-2317-02HI, 1-2332-01HI

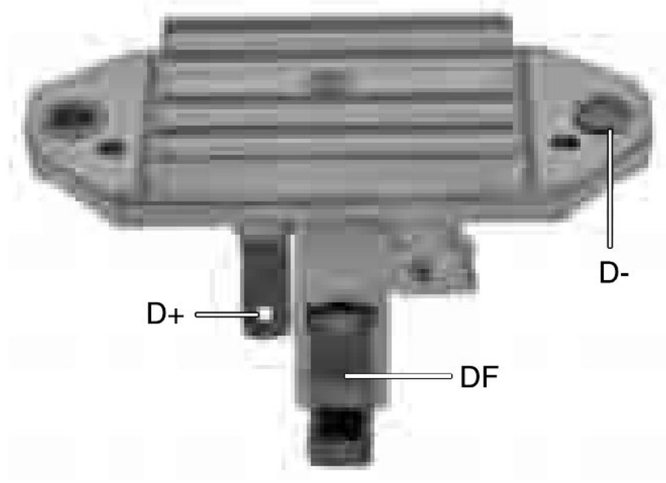


IH707
(Ref# 35-8124)
Regulator
24 Volt, A-Circuit, R-R-L-F-E Terminals, 28.5 Vset
For: Hitachi IR/EF Alternators
Used On: Fiat-Hitachi, Isuzu Industrial, Nissan Lift Truck, TCM Equipment
Replaces: Hitachi TR2Z-47; Isuzu 5-81251-016-0; Nissan 23500-99008; Yanmar 119129-77820
Unit Nos: Hitachi LR215-23, -24, -50; LR220-23, -24; LR225-84T, -85, -86B, -89; LR235-60C, -61C, -62, -65, -68, -69, -72B, -76, -80; LR240-19C, -20C, -21, -22E, -25, -26, -29B, -31E, -32
Lester Nos: 12114, 12321, 12324, 12325
WAI Ref. Nos: 1-2471-01HI, 1-2474-01HI

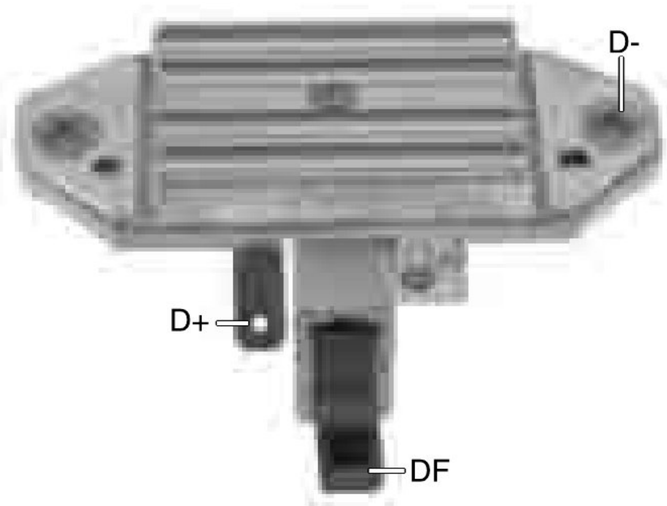


IH716
(Ref# 35-8139)
Regulator
24 Volt, A-Circuit, B-S-R-L-F-E Terminals, 28.5 Vset
For: Hitachi IR/EF Alternators
Used On: Industrial Lift Trucks
Replaces: Hitachi TR2Z-37, TR2Z-49; Isuzu 8-94156-595-0, Nissan 23215-C6800
Unit Nos: Hitachi LR235-402, Nissan 23100-C8604

ISKRA



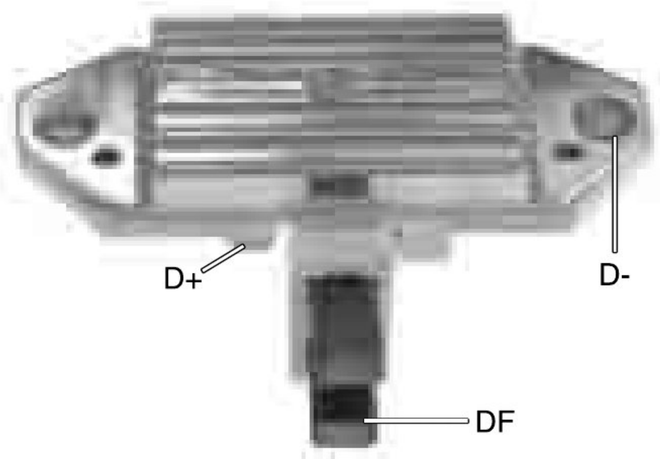
IK401
(Ref# 35-9500)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.6 Vset
For: Iskra 55-65A IR/EF Alternators
Used On: (1989-86) Yugo
Replaces: Iskra 11-125-019, 11-125-053, 11-125-054, 11-125-056, 11-125-065, 11-125-085, 11-125-119, 16-905-323, AER1401, AER1406, AER1505, AER1506, AER1508, AER1510
Unit Nos: Iskra 11-201-071, -077, -078, -117, -143, -146, -147, -167, -204, -207, -214, -219, -220, -222, -273; AAK1117, 1118, 1119, 1137, 1148, 1151, 1152, 1163, 1172, 1175, 1181, 1182, 1183, 1185, 1314
Lester Nos: 13055, 13225, 14390
WAI Ref. Nos: 1-1343-01IK



IK404
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.0 Vset
For: Iskra Alternators
Used On: Fiatallis, Iveco, Magirus-Deutz, OM, Poclain, Same, Steyr
Replaces: Iskra 11-125-029, 11-125-047, 11-125-087, 16-905-304, AER1404, AER1504, AER1511; KHD 1318048
Unit Nos: Iskra 11-201-050, -052, -055, -066, -069, -087, -098, -107, -151, -162, -186, -201, -360, -522, -555, -557, -574, -586, -633, -635, -699, -705; AAK1107, 1109, 1110, 1113, 1115, 1125, 1131, 1134, 1153, 1160, 1167, 1309, 1347, 1352, 1367, 3520, 3557, 4179, 4507, 4509, 4531, 4560
Lester Nos: 12031, 12134

ALTERNATOR - REGULATORS (TRANSPO)

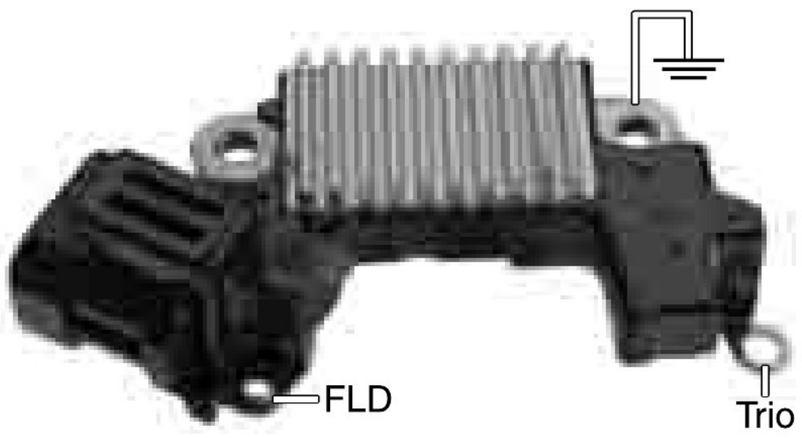
ISKRA (cont'd.)



IK543
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Iskra Alternators
Used On: Lada
Replaces: Iskra 11-125-122
Unit Nos: Iskra 11-201-205, AAK1173

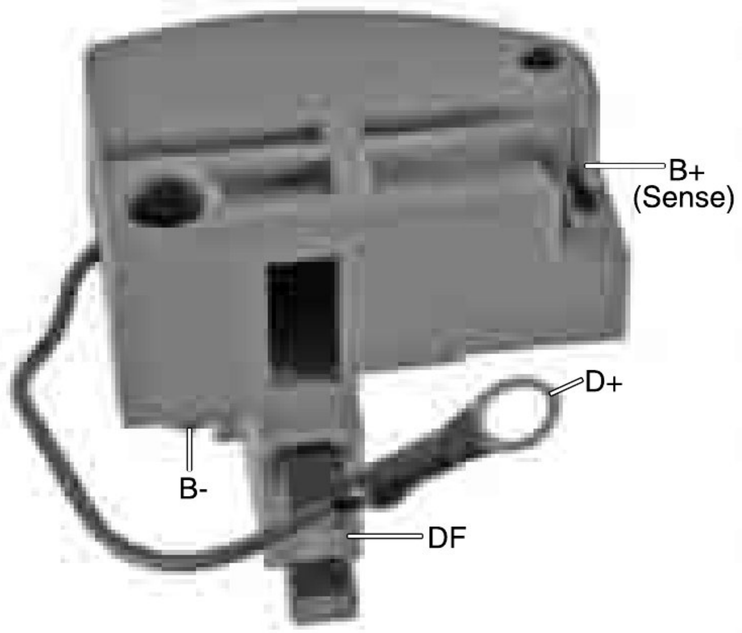
KIA PRECISION WORKS



IH768
Regulator
12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Kia Precision Works IR/IF Alternators
Used On: (2004-99) Kia
Unit Nos: Kia OK012-18-300, OK241-18-300
Lester Nos: 13862, 13863
WAI Ref. Nos: 1-2444-01HI, 1-2445-01HI
Note: Similar to IH765 except IH768 used w/ IHR741 rectifier w/ diode trio.
Features:
• Trio excited

LADA

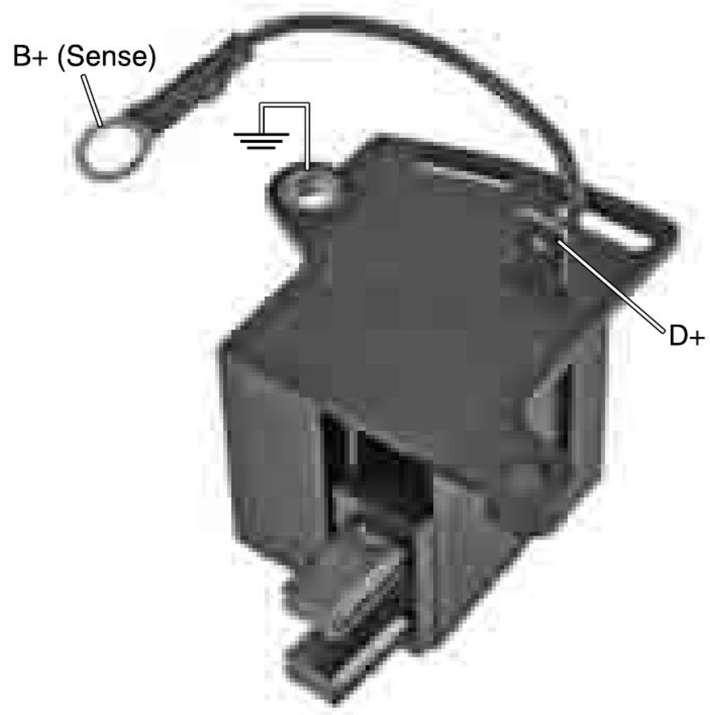


IR672
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset

For: Lada Alternators
Used On: Lada
Replaces: Lada 173701010, 21033701500, 21053701500
Unit Nos: Lada 21053701010, 22053701005
Note: 14.2 Vset

IR674
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.6 Vset

Same as IR672 except...
Note: 14.6 Vset

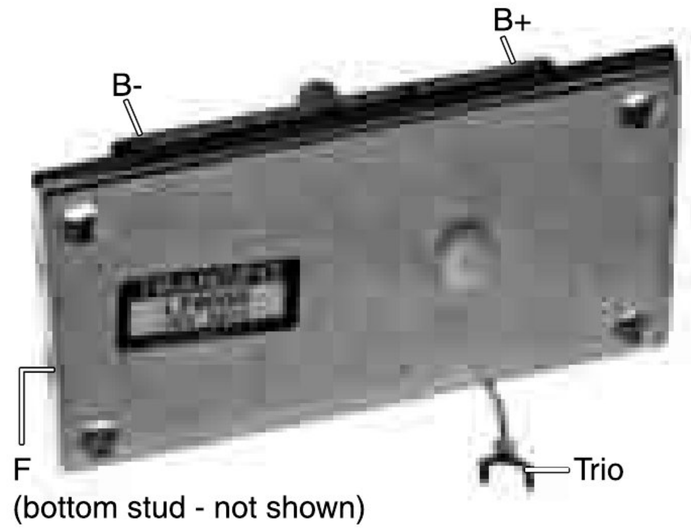


IR673
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset

For: Lada Alternators
Used On: Lada
Replaces: Lada 173702, 21083701500, 567625/5

LEECE-NEVILLE

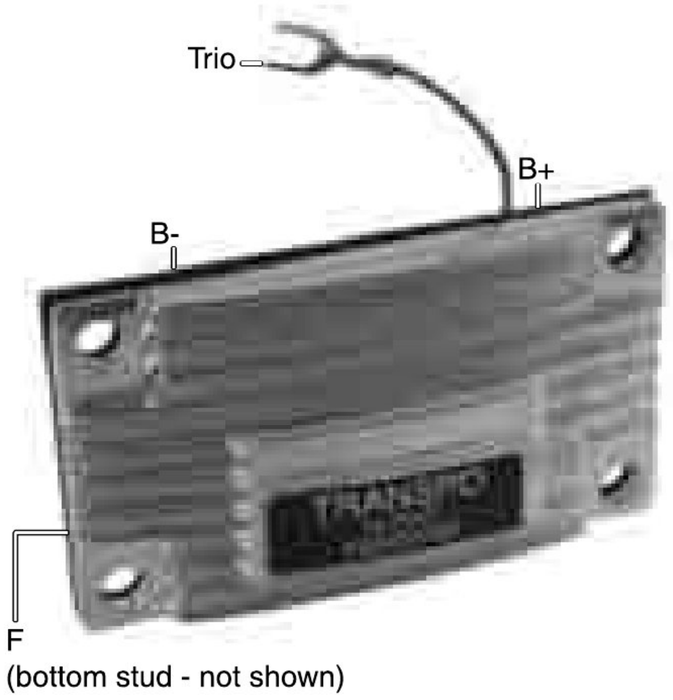
2300-2800JB Series



(bottom stud - not shown)

L79000
(Ref# 35-500)
Regulator
12 Volt, A-Circuit, 14.2 Vset

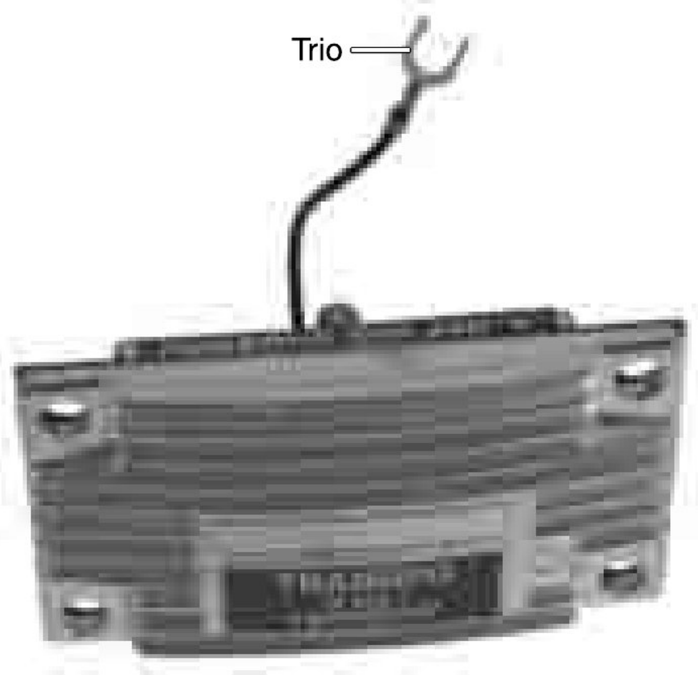
For: Leece-Neville 2300-2800JB Series Alternators
Replaces: Leece-Neville 79000, 102200
Unit Nos: Leece-Neville 2300J, 2360J, 2500J, 2600J, 2670J, 2700J, 2800J, 2805J, 4800J, 4806J, 4860J, 4900J
Features:
- Adjustable voltage



(bottom stud - not shown)

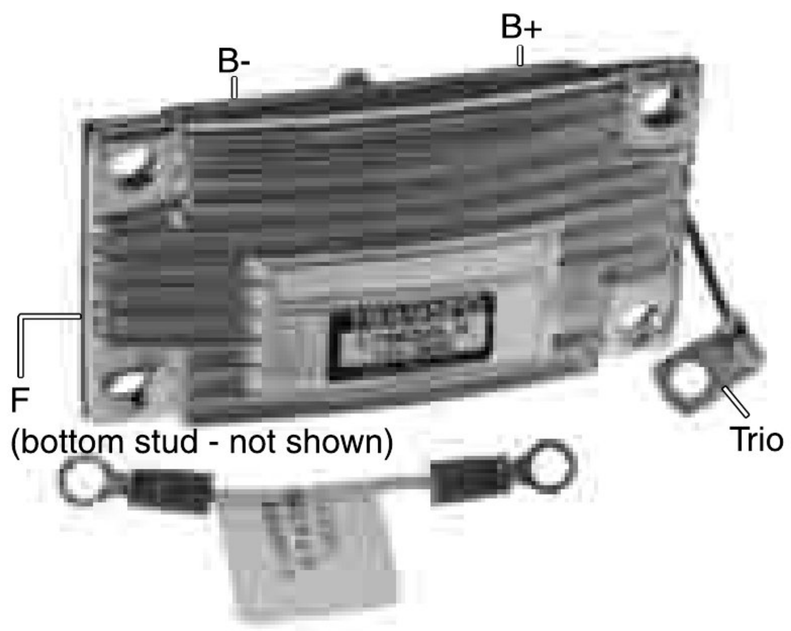
L79000HD
(Ref# 35-500-3)
Regulator
12 Volt, A-Circuit, 14.2 Vset

Same as L79000 except...
Features:
- Heavy Duty
- Superior loading performance
- OE-style finned cast aluminum heat sink
- Adjustable voltage



L79000HDP
Regulator
12 Volt, A-Circuit, 14.2 Vset

Same as L79000 except...
Features:
- Premium Heavy Duty
- OE style finned cast aluminum heat sink
- Low saturation voltage
- Load dump protected
- Superior loading performance
- Fast cut in
- Adjustable voltage



(bottom stud - not shown)

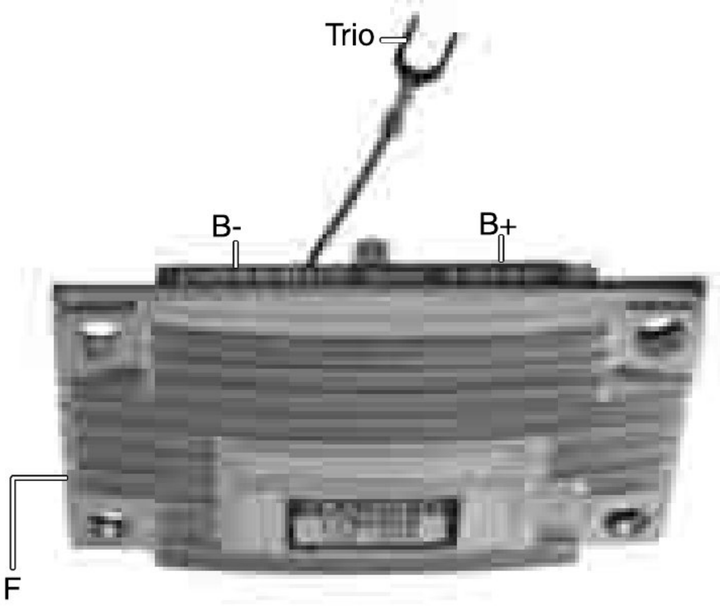
L79000LH
(Ref# 35-500-1)
Regulator
12 Volt, A-Circuit, 14.2 Vset

Same as L79000 except...
Features:
- OE compliant heavy duty circuit
- Trio, Ign. or AC excited
- Low saturation voltage
- Load dump protected
- Superior loading performance
- Fast cut in
- 10 amp field rating

ALTERNATOR - REGULATORS (TRANSPO)

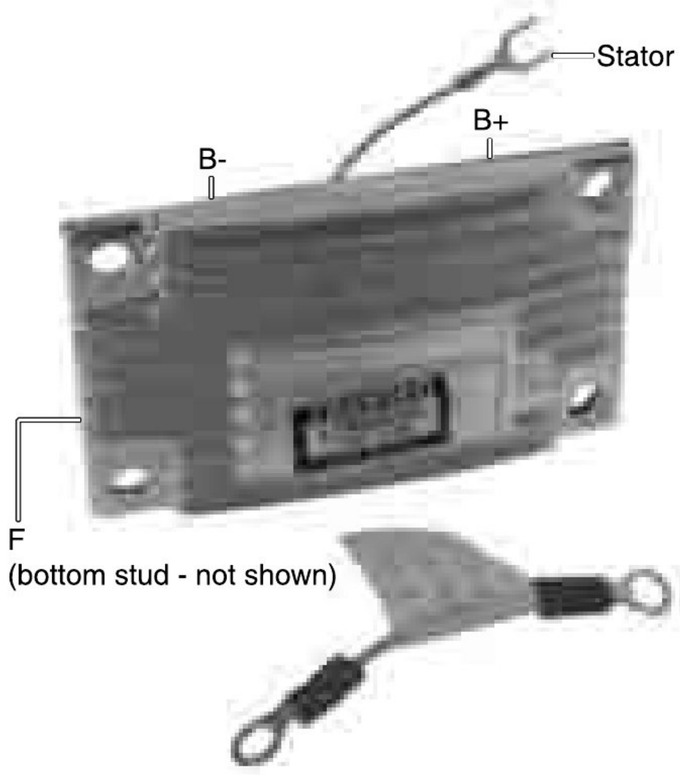
LEECE-NEVILLE

2300-2800JB Series (cont'd.)



L79000S
Regulator
12 Volt, A-Circuit, 14.2 Vset

Same as L79000 except...
Note: Super version of L79000
Features:
- Heavy duty circuit
- Low saturation voltage
- Load dump protected
- Superior loading
- Quicker turn-on



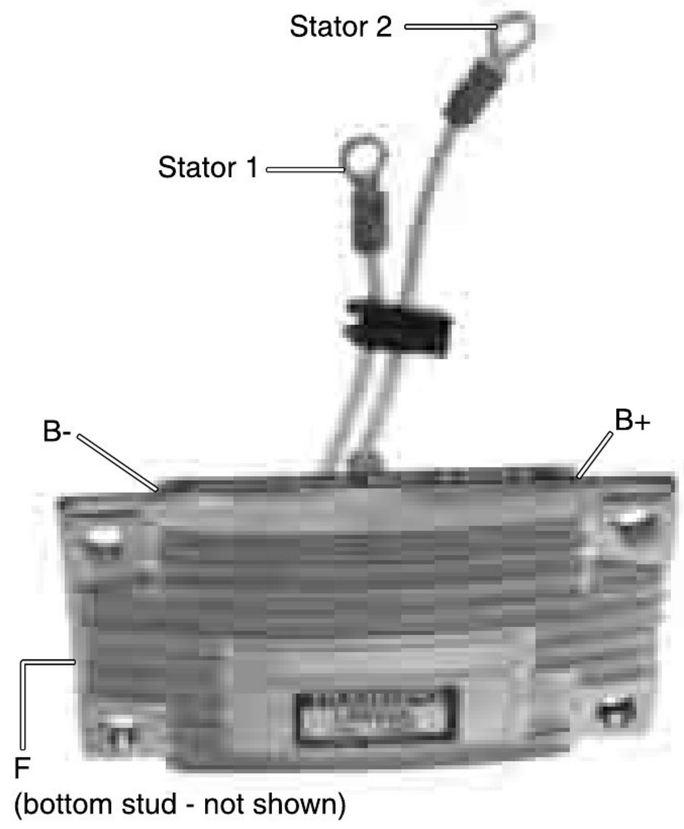
L79000AC
Regulator
12 Volt, A-Circuit, 14.2 Vset

Same as L79000 except...
Note: Stator activated version of L79000
Features:
- Stator activated
- Fast cut in
- Protected against current drain from leaky diodes
- Adjustable voltage



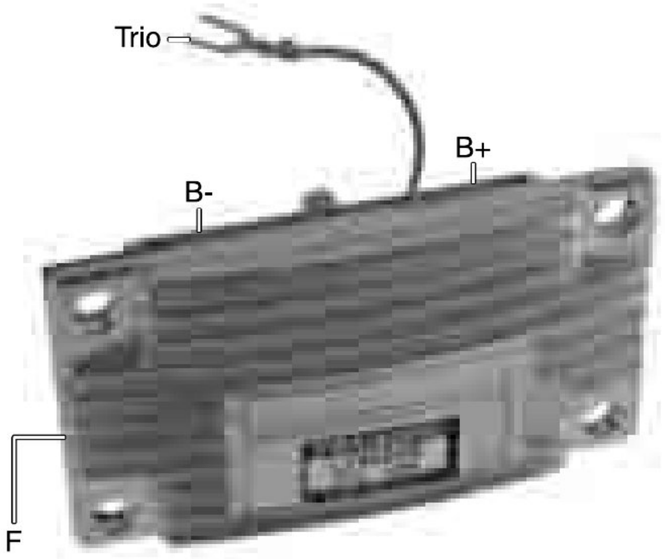
L95019
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Leece-Neville 2300-2800JB Series Alternators
Replaces: IHC L585949C1; Leece-Neville 95019
Note: Without diode trio
Features:
- Ignition excited
- Adjustable voltage
- Extremely low standby drain designed to protect during long periods of inactivity



L99920
(Ref# 35-500-5)
Regulator
12 Volt, A-Circuit, 14.2 Vset, Dual Stator Leads

For: Leece-Neville 2300-2800JB Series Alternators
Used On: IHC 9400 Series w/ Caterpillar 3406 engine
Replaces: Leece-Neville 99000, 99920, R240099920
Unit Nos: Leece-Neville 2505J, 2706J, 2808J, 2819J
Features:
- OE compliant circuit
- Low saturation voltage
- Dual stator leads
- 8 amps field rating



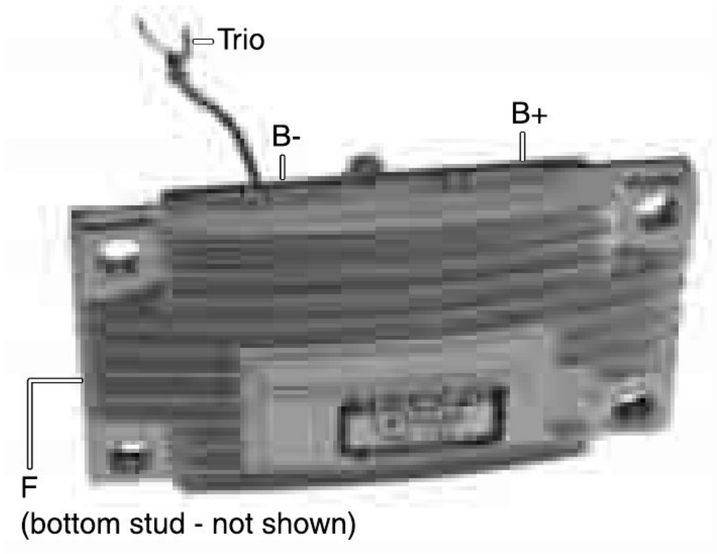
L79350S

(Ref# 35-503)

Regulator

24 Volt, A-Circuit, 27.5 Vset

For: Leece-Neville 2300-2800JB Series Alternators
Replaces: Leece-Neville 79350
Unit Nos: Leece-Neville 2304J, 2511J
Features:
- Low saturation voltage
- Adjustable voltage



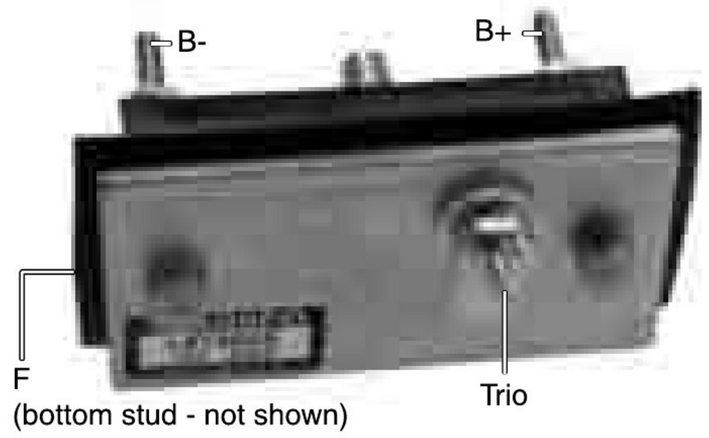
L97050S

Regulator

32 Volt, A-Circuit, 37.5 Vset

For: Leece-Neville 2300-2800JB Series Alternators
Replaces: Leece-Neville 97050
Unit Nos: Leece-Neville 2302J
Lester Nos: 7604
Features:
- Low saturation voltage
- Adjustable voltage

3400J Series



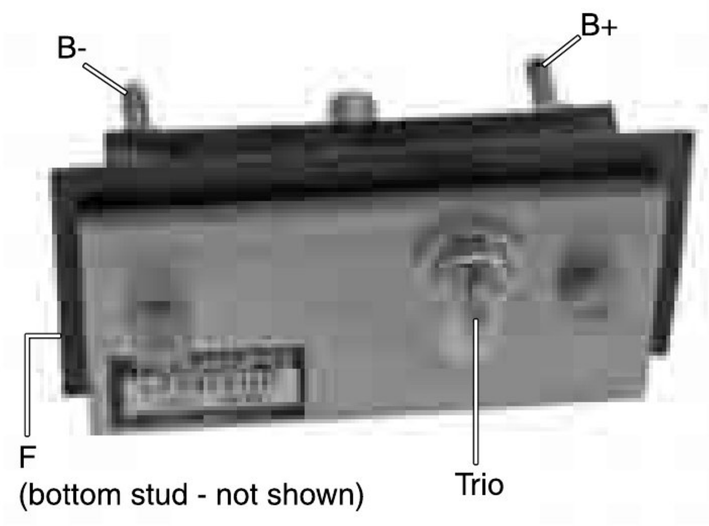
L97300S

Regulator

12 Volt, A-Circuit, 14.2 Vset

For: Leece-Neville Alternators
Replaces: Leece-Neville 97300
Unit Nos: Leece-Neville 3425J, 3625J, 3725J
Note: Face plate is 0.1" higher than L77973HD. Square notch type
Features:
- OE style replacement
- Low saturation voltage
- Adjustable voltage

4400-4700J Series



L77973HD

(Ref# 35-501)

Regulator

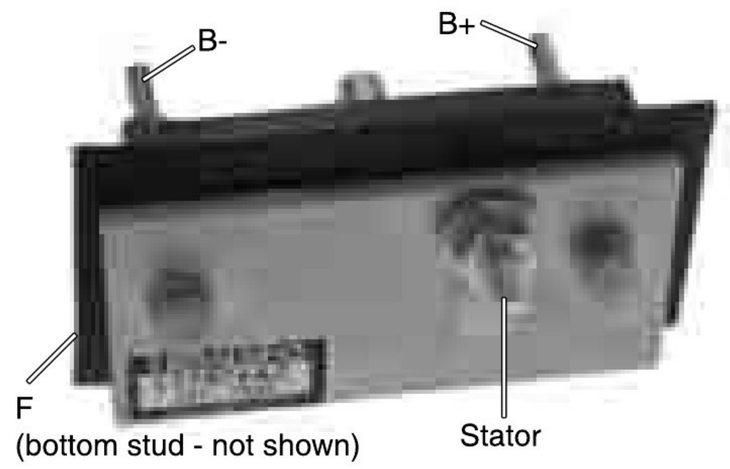
12 Volt, A-Circuit, 14.2 Vset

For: Leece-Neville Alternators
Replaces: Leece-Neville 77973
Unit Nos: Leece-Neville 4425J, 4450J, 4625J, 4650J, 4725J, 4750J, 7600JA, 7601JA, 7602JA, 7604JA, 7605JA, 7606JA, 7700JA, 7702JA, 7704JA, 7705JA, 7706JA, 7709JA, 7710JA, 7711JA
Note: OE design.
For AC version use L77973AC. Half moon notch type.
Features:
- Trio activated
- Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)

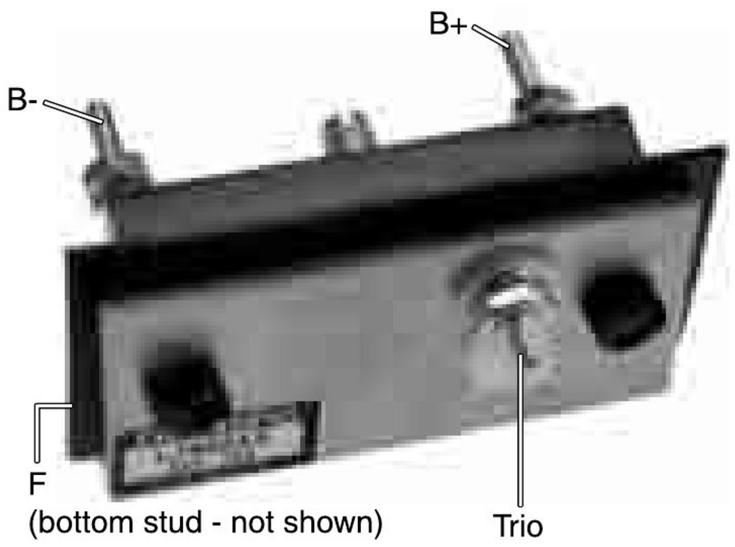
LEECE-NEVILLE

4400-4700J Series (cont'd.)



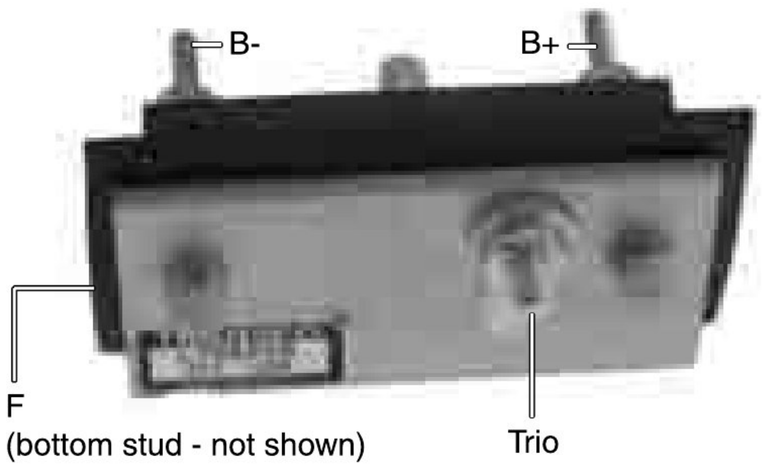
L77973AC
Regulator
12 Volt, A-Circuit, 14.2 Vset

Same as L77973HD except...
Note: AC version of L77973HD.
Caution: Leaky diodes will hinder turn-on.
Features:
- Stator activated - no trio required
- Adjustable voltage



L78855S
Regulator
24 Volt, A-Circuit, 27.5 Vset

For: Leece-Neville Alternators
Replaces: Leece-Neville 78855
Unit Nos: Leece-Neville 4426J, 4626J
Lester Nos: 8343, 8344
Features:
- Adjustable voltage



L78935S
Regulator
32 Volt, A-Circuit, 37.5 Vset

For: Leece-Neville Alternators
Replaces: Leece-Neville 78935, 99198
Unit Nos: Leece-Neville 4632J
Lester Nos: 8347
Features:
- Adjustable voltage

External Regulated



L5016
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Leece-Neville External Regulated Alternators
Replaces: Leece-Neville 5016
Terminal ID: NEG-POS-FLD
Features:
- OE style case
- Adjustable voltage
- Field rating 5 amps



L5042
Regulator
24 Volt, A-Circuit, 27.5 Vset

For: Leece-Neville External Regulated Alternators
Replaces: Leece-Neville 5042
Terminal ID: POS-NEG-FLD.
Features:
- OE style case
- Adjustable voltage



L5042HD
Regulator
24 Volt, A-Circuit, 27.5 Vset

Same as L5042 except...
Features:
- Heavy Duty
- OE style case
- Adjustable voltage



L5062
Regulator
32 Volt, A-Circuit, 37.5 Vset

For: Leece-Neville External Regulated Alternators
Replaces: Leece-Neville 5062
Terminal ID: POS-NEG-FLD
Features:
- OE style case
- Adjustable voltage
- Load dump protected



L5078
(Ref# 35-502)
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Leece-Neville External Regulated Alternators
Replaces: Leece-Neville 5078R
Terminal ID: NEG-POS-FLD
Features:
- OE style cast housing
- Load dump protection
- Adjustable voltage

Flange Mount Alternators



L95300S
Regulator
24 Volt, A-Circuit, 28.0 Vset

For: Leece-Neville Flange Mount Alternators
Replaces: Leece-Neville 95300
Unit Nos: Leece-Neville 3428JC, 3628JC
Features:
- Ignition activated
- High reliability military design

ALTERNATOR - REGULATORS (TRANSPO)

LEECE-NEVILLE

Flange Mount Alternators (cont'd.)



L99500S
Regulator
12 Volt, A-Circuit, 14.2 Vset

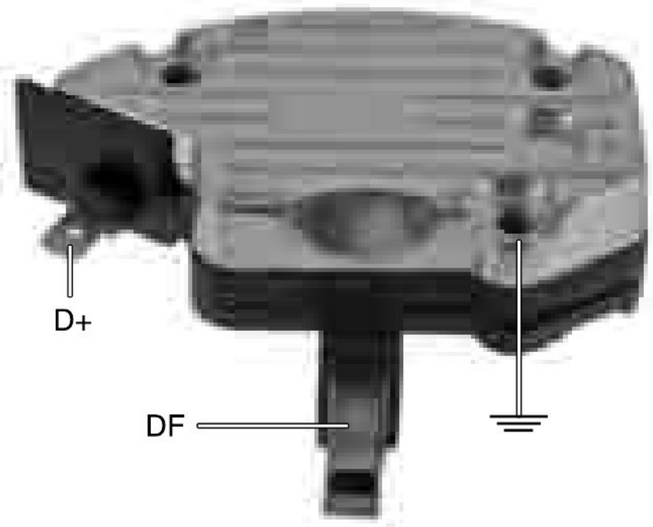
For: Leece-Neville Flange Mount Alternators
Replaces: Leece-Neville 99500
Unit Nos: Leece-Neville 3425JC, 3525JC, 3625JC, 3725JC
Features:
- High reliability military design



L99825S
Regulator
24 Volt, A-Circuit, 27.5 Vset

For: Leece-Neville Flange Mount Alternators
Replaces: Leece-Neville 99825
Unit Nos: Leece-Neville 3426JC, 3627JC
Features:
- High reliability military design

LUCAS

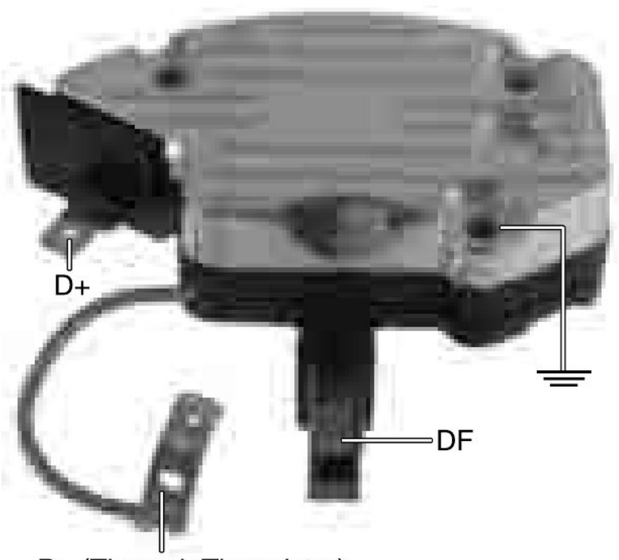


IL223-1
(Ref# 35-9209)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Lucas A127 Series IR/EF Alternators
Used On: Case, JC Bamford, Lister-Petters, Massey Ferguson, New Holland, Perkins
Replaces: Case K262266; Ford 84AB-10316-AA; Lucas 37701, 37703, 37705, 37707, 37707A, 54048473, 54048600, 54205986, 54206177, 54206448, 54206467, 54206645, 54206688, 54207336, 54208417, UCB148, UCB150, UCB151, UCB152; Massey Ferguson 1865974-M1, 1897699-M91, 345773-M91, 3474604-M91, 3476714-M91; Perkins 28710252; Rover BAU4919, BAU5265, BAU5815, BAU5958, FBU2243, FBV2243, RTC5044, RTC5370, RTC5670
Unit Nos: Lucas 24145, 24156, 24157, 24158, 24161, 24169, 24198, 24199, 24200, 24202, 24203, 24206, 24207, 24208, 24215, 24230, 24231, 24255, 24257, 24264, 24271, 24276, 24287, 54022196, 54022226
Lester Nos: 12045, 12046, 12072, 12144, 12239

IL223B-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

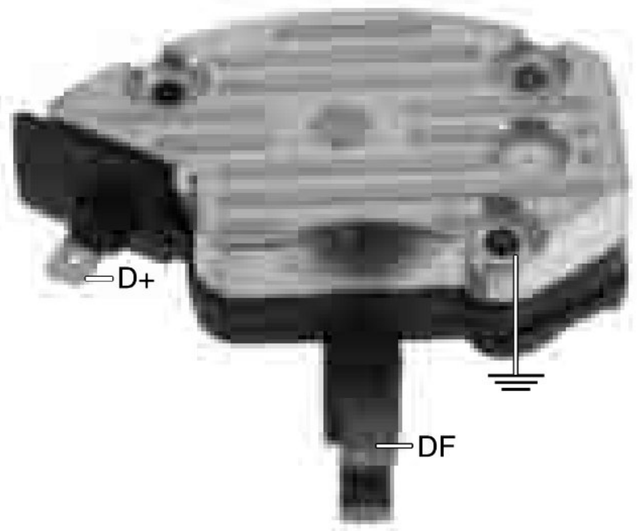
Same as IL223-1 except...
Features:
- Heavy duty circuit



IL224-1
(Ref# 35-9210)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.3 Vset

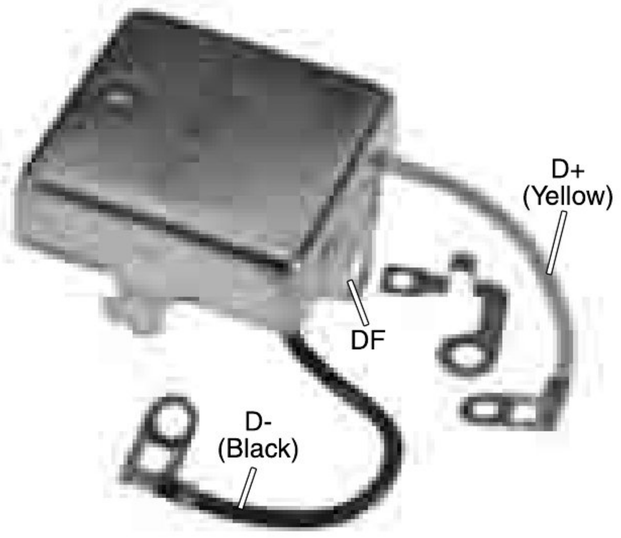
For: Lucas A127 Series Alternators
Used On: Ford Tractor
Replaces: Lucas 37735, UCB153
Unit Nos: Lucas 24256, 24273, 24274, 24277, 54022310, 54022336, 54022337, 54022481; Marelli 54022336D
(cont'd.)

(cont'd.)
Caution: Battery sense through external thermistor on vehicle. Do not apply full voltage (14V) to wire, will damage regulator. Need 1/4 watt 200 ohm resistor between S-terminal wire (orange) to B+ to test.



IL225-1
(Ref# 35-9211)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.3 Vset

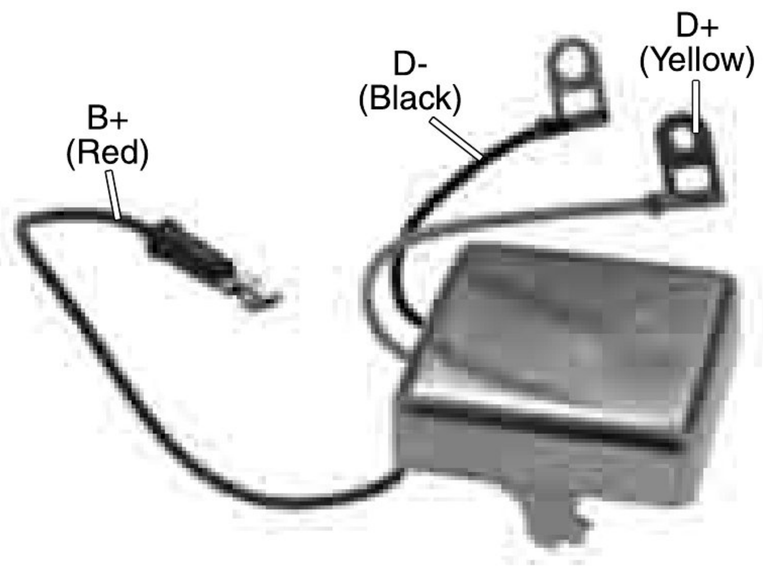
For: Lucas IR Alternators
Replaces: Lucas 28002, 84959, 54022415, UCB155
Unit Nos: Lucas 24299, 24406
Note: Similar to IL223, except IL223 is 12 volt version.



IL211-1
(Ref# 35-9200)
Regulator
12 Volt, A-Circuit, 14.3 Vset

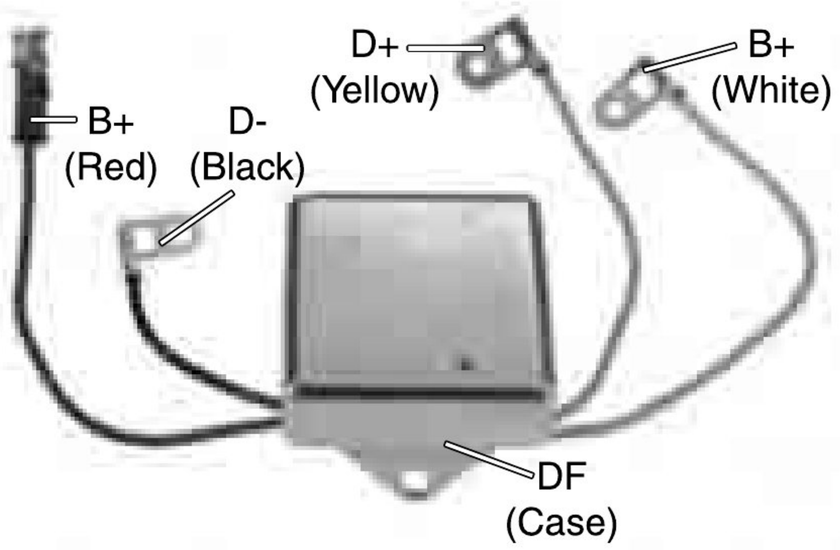
For: Lucas 15, 16, 17, 18ACR Machine Sensing IR/EF Alternators
Used On: (1985-69) Lotus, Mercury, MG, Triumph; Ford Tractor, Massey Ferguson
Replaces: Lucas 37534, 37541, 37555, 37558, 37561, 37565, 37566, 37581, 37587, 37612, 37647, 37653, 37672, UCB100
Unit Nos: Lucas 23562, 563, 565, 566, 568, 569, 570, 572, 573, 575, 576, 577, 581, 582, 583, 584, 585, 589, 590, 591, 592, 593, 597, 598, 599, 600, 602, 603, 605, 606, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 622, 623, 624, 625, 626, 627, 629, 630, 631, 632, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 673, 674, 675, 676, 677, 678, 679, 682, 685, 685, 691, 692, 693, 694, 695, 696, 699, 700, 701, 703, 704, 705, 706, 707, 708, 709, 711, 712, 713, 714, 715, 716, 717, 718, 719, 721, 723, 724, 725, 726, 727, 728, 729, 730, 731, 734, 735, 736, 737, 738, 741, 742, 743, 751, 752, 753, 754, 755, 759, 760, 761, 762, 765, 766, 767, 768, 769, 770, 771, 773, 774, 775, 777, 778, 779, 780, 781, 782, 794, 799, 800, 801, 802, 808, 809, 810, 811, 816, 820, 822, 823, 824, 825, 826, 827, 828, 831, 837, 839, 840, 841, 842,
(cont'd.)

(cont'd.)
847, 848, 850, 851, 852, 853, 854, 855, 856, 857, 865, 871, 872, 873, 874, 878, 879, 880, 888, 889, 890, 891, 893, 896, 903, 904, 905, 906, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 943, 944, 945, 946, 947, 948, 949, 950, 961, 962, 963, 989, 990, 991, 994; 24012, 014, 019, 022, 048, 103, 108, 123, 139, 140
Lester Nos: 14013, 14014, 14029, 14030, 14037, 14013, 14014, 14029, 14030, 14037
WAI Ref. Nos: 1-1372-01LU, 1-1375-01LU, 1-1378-01LU, 1-1551-01LU
Terminal ID: Black D-, Yellow D+, Case DF



IL213
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Lucas 16-18 ACR Type, Battery Sensing IR/EF Alternators
Used On: Jaguar, MG, Triumph
Replaces: Lucas UCB112
Unit Nos: Lucas 23814
Terminal ID: Black D-, Yellow D+, Case DF, Red B+

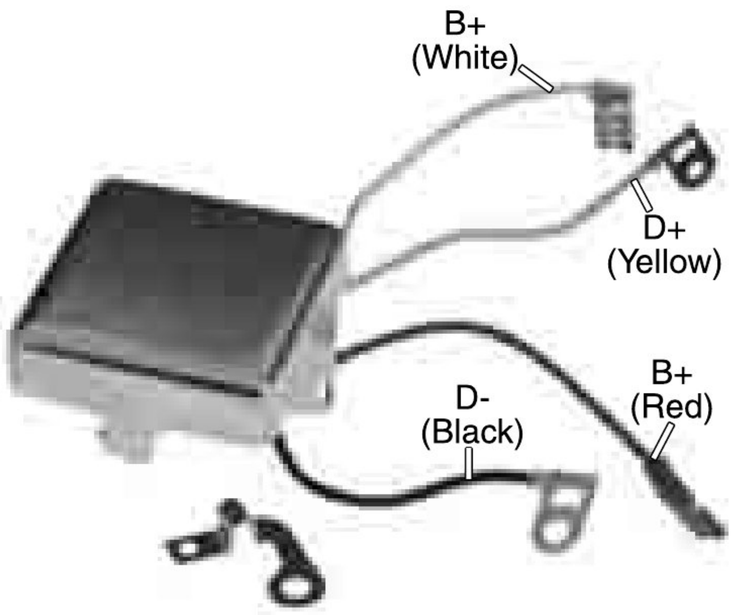


IL214
(Ref# 35-9201)
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Lucas 16, 17, 18ACR Dual Sensing IR/EF Alternators
Used On: (1981-71) Austin, MG, Triumph
Replaces: Lucas 37582, 37590, 37595, 37602, 37635, 37648, 37649, 37650, UCB101, UCB104, UCB107
Unit Nos: Lucas 23697, 23702, 23739, 23740, 23745, 23747, 23748, 23750, 23758, 23795, 23796, 23797, 23804, 23805, 23807, 23814, 23817, 23818, 23843, 23844, 23845, 23860, 24029, 24030
Lester Nos: 13146, 13163, 14022, 14029, 14030, 14087, 14088
WAI Ref. Nos: 1-1372-01LU, 1-1377-01LU, 1-1378-01LU, 1-1379-01LU, 1-1381-01LU, 1-1383-01LU, 1-1552-01LU
Terminal ID: Black D-, Yellow D+, White B+, Case DF, RED B+

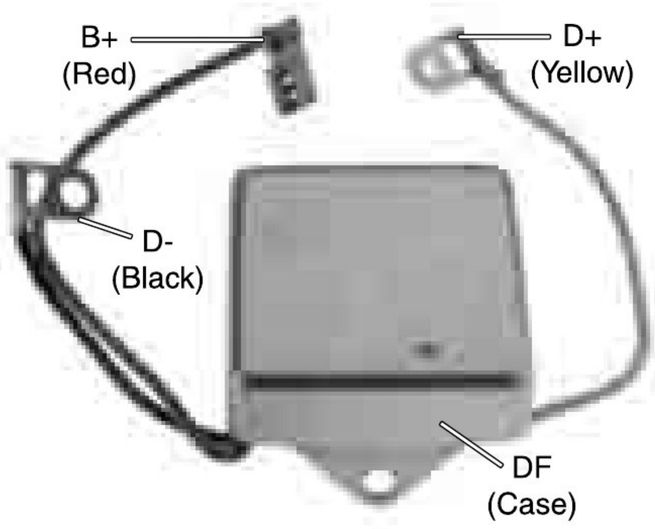
ALTERNATOR - REGULATORS (TRANSPO)

LUCAS (cont'd.)



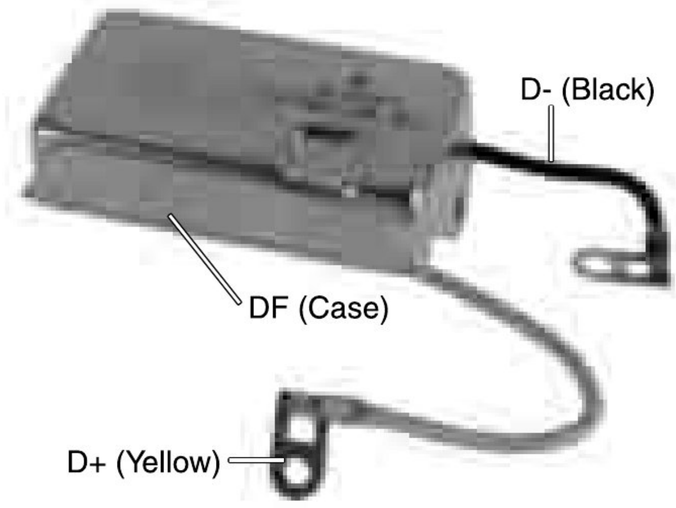
IL215
(Ref# 35-9203)
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Lucas 18 ACR Type , Battery Sensing IR/EF Alternators
Used On: (1978-74) MG
Replaces: Lucas 37591, 37596, 37670, UCB105
Unit Nos: Lucas 23746, 23756, 23806, 23832, 23849, 23892
Lester Nos: 14050
WAI Ref. Nos: 1-1376-01LU
Terminal ID: Black D-, Yellow D+ White B+, Case DF, Red B+



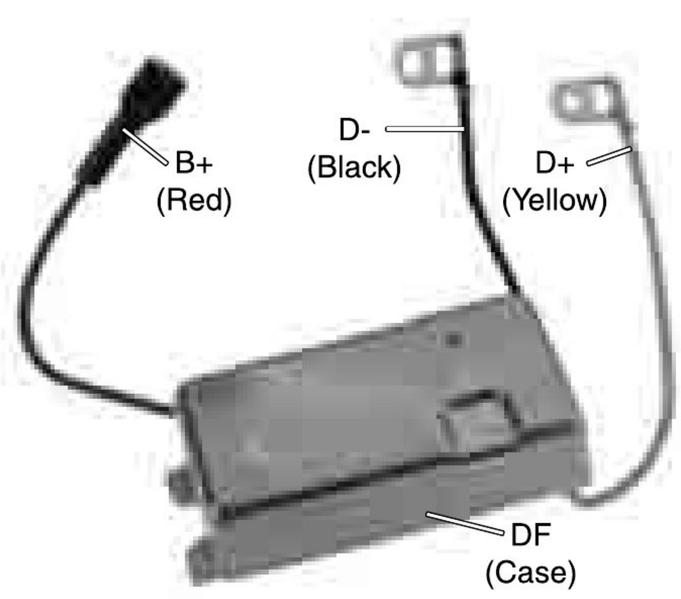
IL217
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Lucas 14TR; 23, 25 ACR Machine Sensing IR/EF Alternators
Used On: (1981-71) Jaguar; Massey Ferguson
Replaces: Jaguar AAU-2870; Lucas 37579, 37584, 37611, 37613, 37652, 37654, 37678, 37680, UCB103, UCB109, UCB110, UCB121; Massey Ferguson 1894567-M1, 1897619-M1
Unit Nos: Lucas 23680, 686, 687, 690, 783, 784, 785, 786, 803, 833, 835, 838, 861, 862, 863, 864, 867, 868, 869, 876, 881, 882, 885, 886, 894, 895, 897, 898, 899, 900, 901, 902, 907, 908, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 951, 952, 953, 954, 955, 956, 957, 958, 964, 967, 968, 974, 995; 24013, 015, 016, 017, 018, 031, 032, 033, 044, 045, 073, 124
Lester Nos: 13164, 14023, 14024, 14050, 14054, 14056
WAI Ref. Nos: 1-1315-01LU, 1-1316-01LU, 1-1322-01LU, 1-1323-01LU, 1-1373-01LU, 1-1376-01LU
Terminal ID: Black D-, Yellow D+, Case DF, Red B+



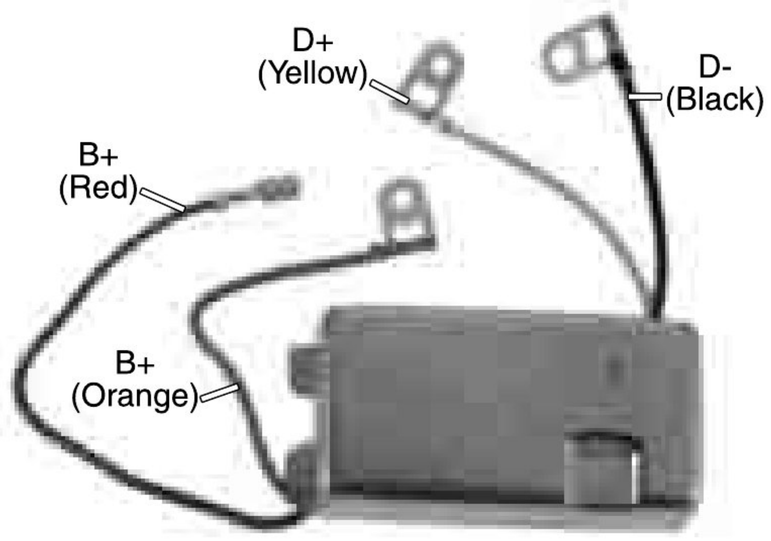
IL219-1
(Ref# 35-9207)
Regulator
12 Volt, A-Circuit, 14.3 Vset

For: Lucas A133 Series, Machine Sensing IR/EF Alternators
Used On: (1990-80) Jaguar, Land Rover, Rover, Triumph; Case, Ford Tractor, JC Bamford, Massey Ferguson
Replaces: Lucas 37624, 37636, 37640, 37661, 37666, 37667, 37709, UCB129, UCB133, UCB134
Unit Nos: Lucas 23971, 24037, 24061, 24065, 24087, 24101, 24102, 24142, 24173, 24229, 24238, 24250
Lester Nos: 12038, 12040, 12041, 12047, 13164, 13436, 14092, 14095, 14561
WAI Ref. Nos: 1-1317-01LU, 1-1319-01LU, 1-1324-01LU, 1-1373-01LU, 1-1374-01LU, 1-1841-01LU
Terminal ID: Black D-, Yellow D+, Case DF



IL220
(Ref# 35-9208)
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Lucas 25ACR, A133 Battery Sensing 65-75A IR/EF Alternators
Used On: Case Tractors, Triumph
Replaces: Lucas 37621, 37659, 37684, UCB126
Unit Nos: Lucas 23996, 24011, 24049, 24096, 24115
Lester Nos: 12143, 13163
WAI Ref. Nos: 1-1381-01LU
Terminal ID: Black D-, Red B+, Yellow D+, Case DF.

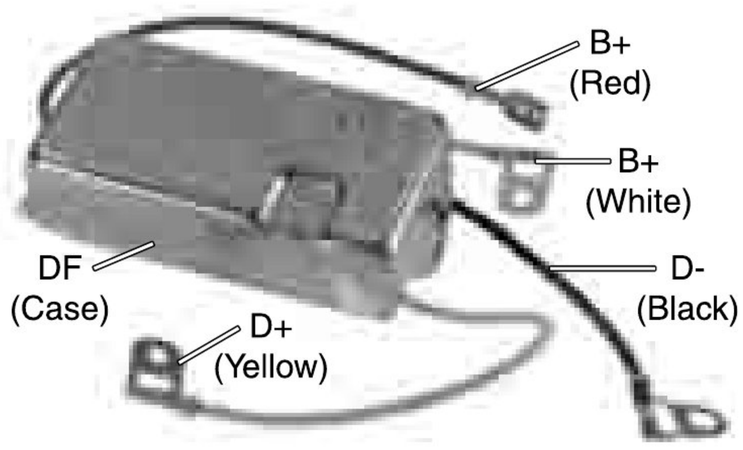


IL221

Regulator

12 Volt, A-Circuit, 14.3 Vset

For: Lucas IR/EF Alternators
Used On: Ford-New Holland
Replaces: Lucas 37625, 37662, 37662B, 37687, 37702, UCB130, UCB140, UCB149
Unit Nos: Lucas 24071, 24072, 24186, 24191, 24210, 24211
Terminal ID: Black D-, Orange B+, Red B+, Yellow D+, Case DF
CAUTION: Senses through thermistor on vehicle. Do NOT test with full voltage, need 1/4 watt, 200 ohm resistor to test.



IL222

Regulator

12 Volt, A-Circuit, 14.2 Vset

For: Lucas A133, 15TR Battery Sensing IR/EF Alternators
Used On: (1981-80) Triumph
Replaces: Jaguar AEU-1819, BAU-4800; Lucas 37620, 37623, 37658, 37660, 37685, UCB125, UCB128, UCB136, UCB138
Unit Nos: Lucas 23970, 23998, 23999, 24010, 24027, 24028, 24035, 24055, 24056, 24079, 24110, 24183, 24184
Lester Nos: 13145, 13146
WAI Ref. Nos: 1-1383-01LU, 1-1384-01LU
Terminal ID: Black D- White B+, Red B+, Yellow D+, Case DF

MAGNETON



MP291

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.4 Vset

For: Magneton Alternators
Used On: Ingersoll Rand, John Deere, Skoda
Replaces: Magneton 443-930-134-291, 443-930-136-111, 443-930-136-131
Unit Nos: Magneton 443-113-516-610, 611, 614, 620, 623, 636, 660, 662, 668, 670, 673, 700, 701, 710, 711, 714, 720, 721, 730, 731, 733, 734, 738, 740, 741, 743, 744, 748, 750, 752, 760, 761, 762, 764, 765, 780, 781; 443-115-516-661, 443-413-516-630; Skoda 004003211V, X; 004003214, V, X; 115901010, 11, 12
Lester Nos: 12140



MP293

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, 28.4 Vset

For: Magneton Alternators
Used On: Liaz Trucks
Replaces: Magneton 443-930-134-731, TR-20
Unit Nos: Magneton 443-113-516-830, 831, 832, 833, 836, 850, 851, 852, 856

MAGNETON (cont'd.)



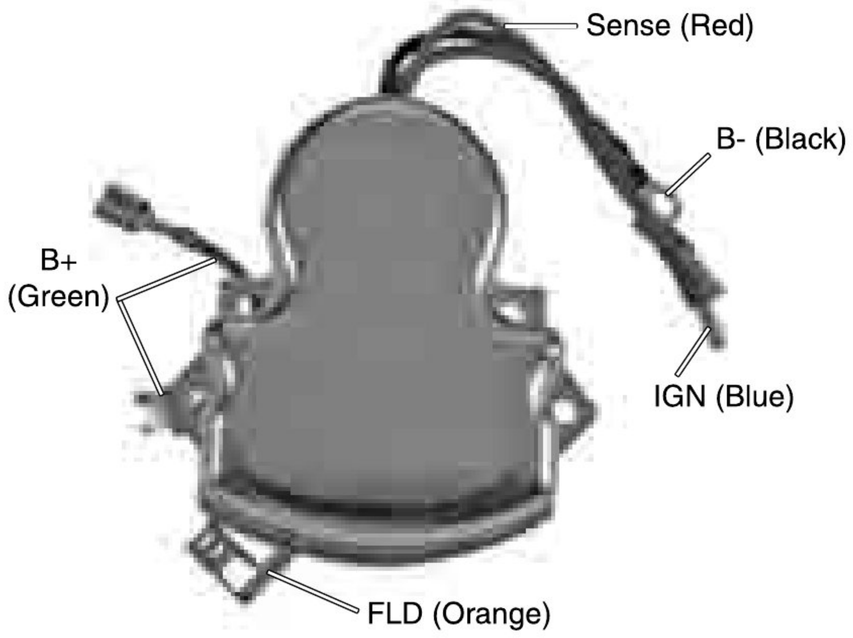
MP541

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.0 Vset

For: Magneton Alternators
Used On: Skoda
Replaces: Magneton 443-930-134-541
Unit Nos: Magneton 443-113-516-630, 631, 632, 650, 653
Features:
• Suppression diode

MANDO



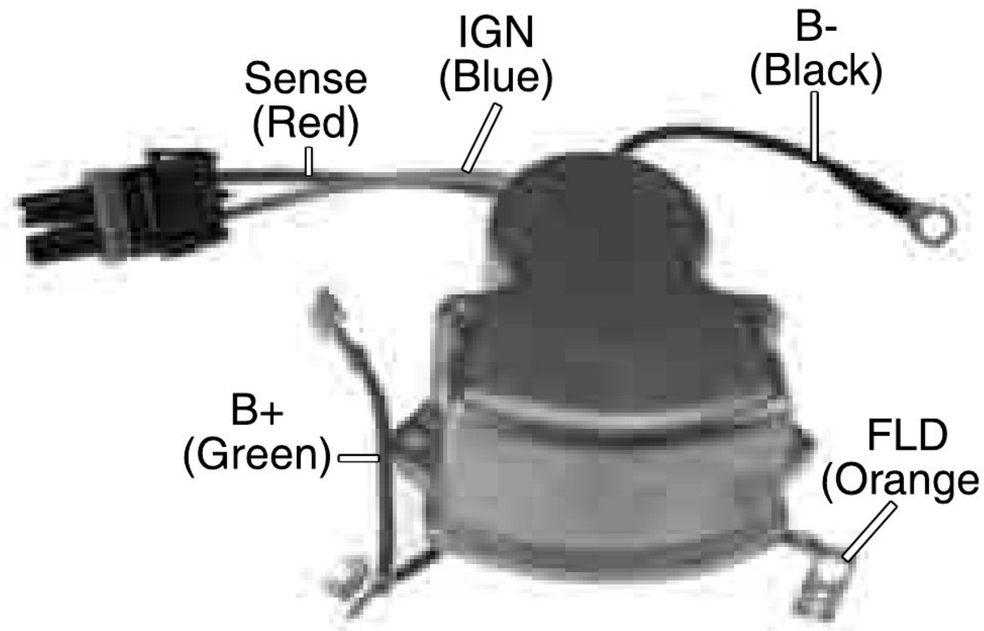
IY785

(Ref# 35-8600)

Regulator

12 Volt, A-Circuit, 14.6 Vset

For: Mando IR/EF Alternators
Used On: Mercury Marine
Replaces: Mando 3ER1071, Mercury Marine 42785
Unit Nos: Mando AR150; Mercury Marine 92497A3
Lester Nos: 12174
WAI Ref. Nos: 1-1947-01MD
Terminal ID:
Black B-, Green B+, Red Sense, Blue Ignition, Orange Field
Features:
• Adjustable voltage



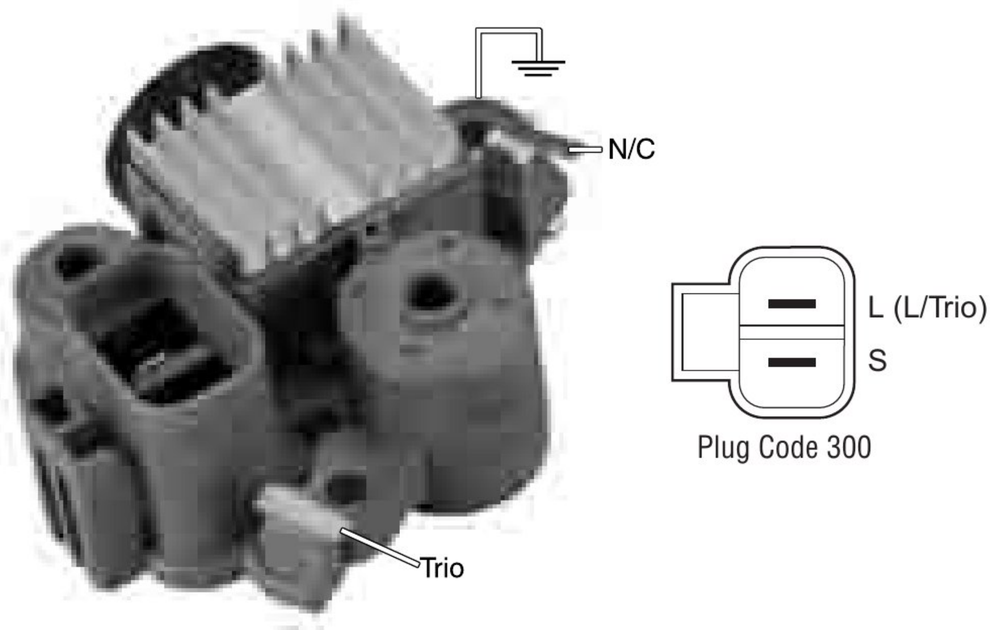
IY786

(Ref# 35-8601)

Regulator

12 Volt, A-Circuit, 14.6 Vset

For: Mando IR/EF Alternators
Used On: Bobcat
Unit Nos: Mando AR150CA
Terminal ID:
Black B-, Green B+, Red Sense, Blue Ignition, Orange Field
Features:
• Adjustable voltage



IY028

(Ref# 35-8603)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mando 90A IR/IF Alternators
Used On: (2003-00) Hyundai
Replaces: Hyundai 37370-22600, Mando TA500C09001
Unit Nos: Hyundai 37300-22600, Mando AB180128
Lester Nos: 13839
WAI Ref. Nos: 1-2378-01MD
Features:
• Trio Activated



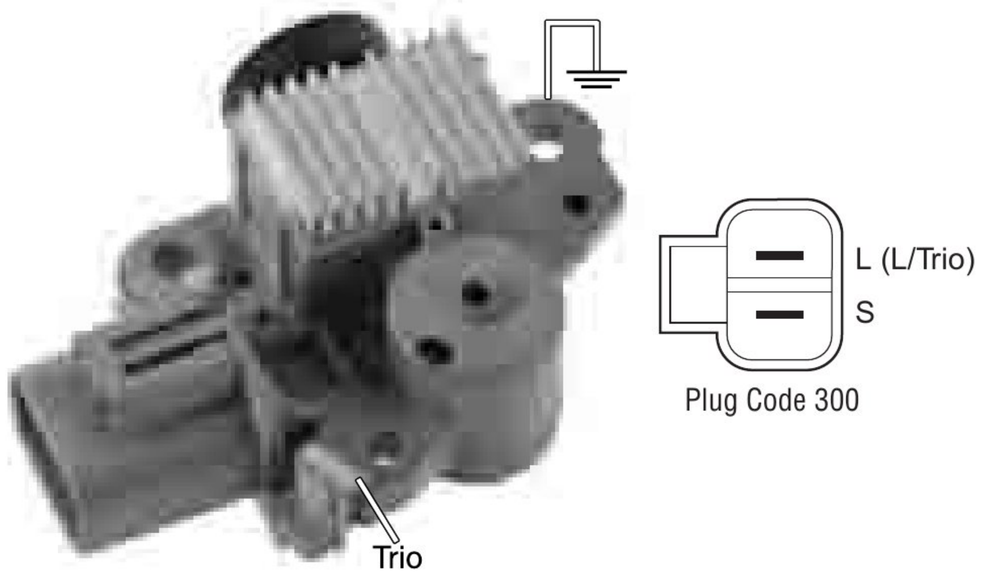
IY058

(Ref# 35-8604)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mando 90A IR/IF Alternators
Used On: (2001-97) Hyundai
Replaces: Mando TA500C02401
Unit Nos: Hyundai 37300-22200, Mando AB190058
Lester Nos: 13702
WAI Ref. Nos: 1-2059-01MD
Components:
TRI058 Repair Circuit
Features:
• Trio activated



IY094

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mando 70A IR/IF Alternators
Used On: (2004-98) Kia
Unit Nos: Kia OK2A2-18-300, Mando AB170094
Lester Nos: 13785
WAI Ref. Nos: 1-2202-01MD
Features:
• Trio Activated



IY903

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mando 90A IR/IF Alternators
Used On: Bobcat
Unit Nos: Bobcat 6675292, 6678205;
Valeo TA000A48401, TA000A48402
Lester Nos: 12390
WAI Ref. Nos: 1-2466-01MD
Features:
• Trio Activated



IY794

Regulator

12 Volt, A-Circuit, 14.5 Vset

For: Mando 75-80A IR/IF Alternators
Used On: (1997-94) Kia
Unit Nos: Kia OK201-18-300B, OK24A-18-300A,
OK29T-18-300; Mando AB170036, AB170066, AB180092
Lester Nos: 13523, 13730, 13731
WAI Ref. Nos: 1-1873-01MD, 1-2104-01MD, 1-2105-01MD

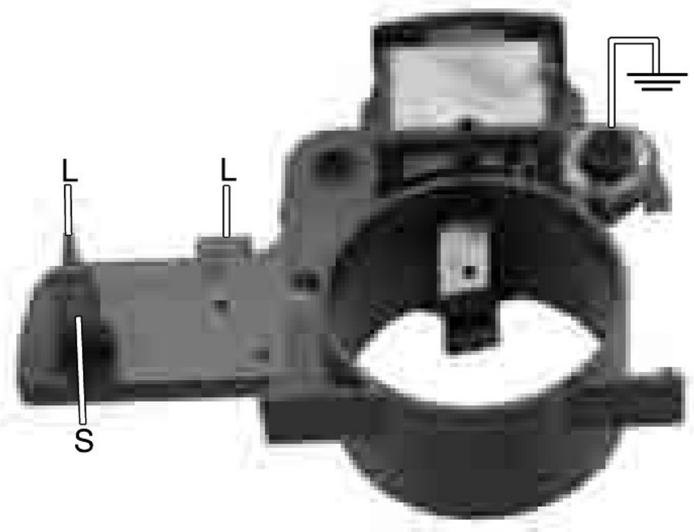
ALTERNATOR - REGULATORS (TRANSPO)

MANDO (cont'd.)



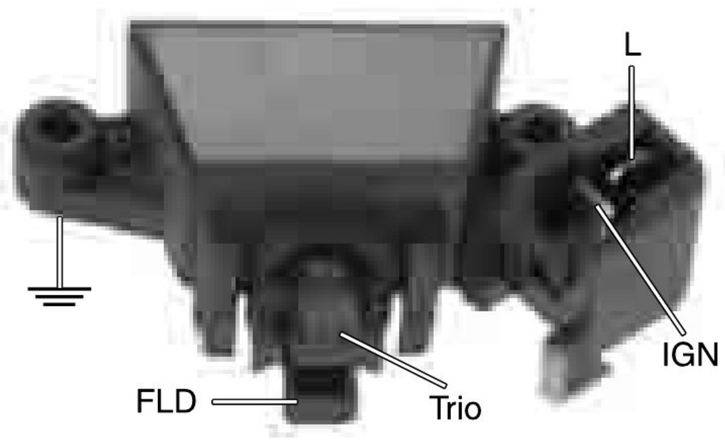
IY796
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Mando IR/IF Alternators
Used On: Hyundai Atos
Unit Nos: Hyundai 37300-02503; Mando AB160108; Valeo 439384
Features:
- Field diode circuit
- Trio activated



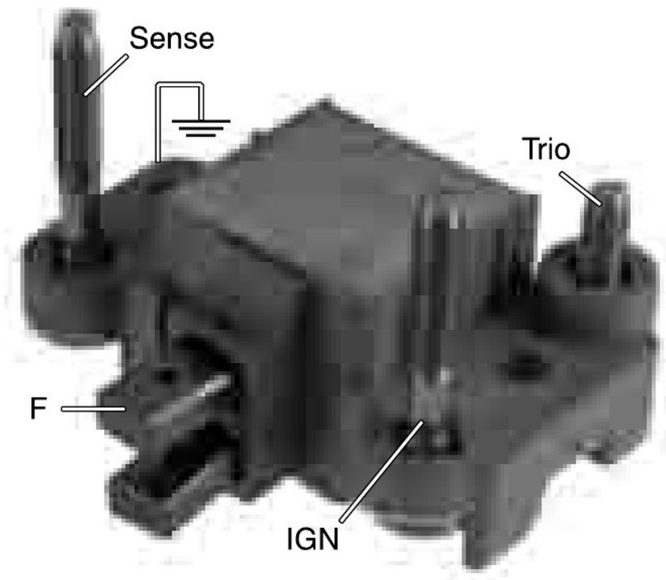
IY422
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mando IR/EF Alternators
Used On: Hyundai Bus 2.5L (Diesel)
Unit Nos: Hyundai 37300-42204
Features:
- Light activated



IY510
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

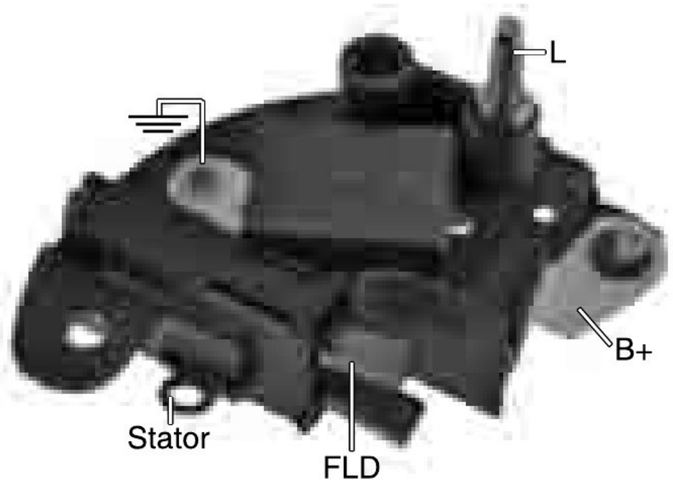
For: Mando IR/IF Alternators
Used On: Kia Tico (non-USA)
Unit Nos: Hyundai 37300-32510, Mando AR175AA



IM288
(Ref# 35-8602)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

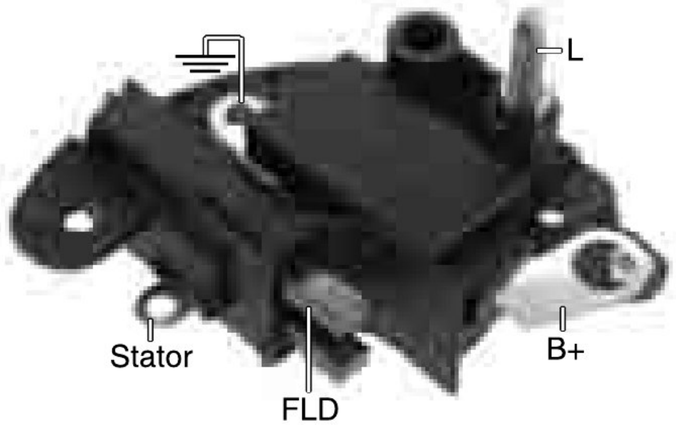
For: Mando IR/EF Alternators
Used On: Bobcat, Clark, Mercruiser, Tennant Streetsweepers
Replaces: Melroe 6659393, Mercury Marine A11883
Unit Nos: Mando A000B0431
WAI Ref. Nos: 1-2308-31MD
Dim: 10-24 Trio Terminal
10-24 Ignition Terminal
10-24 Sense Terminal

MARELLI



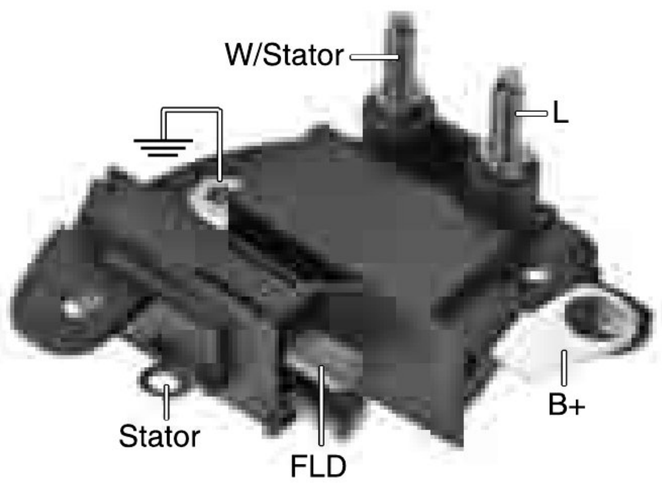
IX121
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset, w/ LRC

For: Marelli IR/IF Alternators
Used On: Fiat
Replaces: Marelli 5812005300, 5812005600, 83611361, 85561291, 85561291010, RTM121A
Unit Nos: Marelli 63320200, 63320203, 63320204, 63320219, 63320227, 63320238, 63321205, 63321234, 63321235, 63321281
Note: L-terminal is an output terminal
Features:
- Soft start



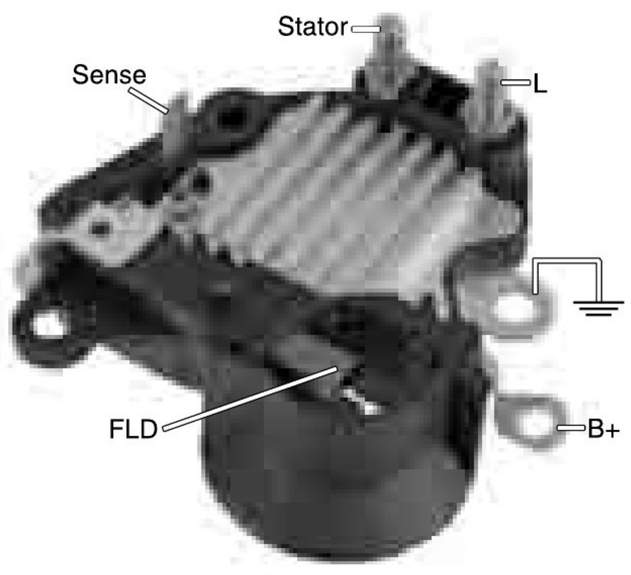
IX122
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset, w/ LRC

For: Marelli IR/IF Alternators
Used On: Land Rover
Replaces: Marelli RTM151A
Unit Nos: Marelli A1271
Note: L-terminal is an output terminal



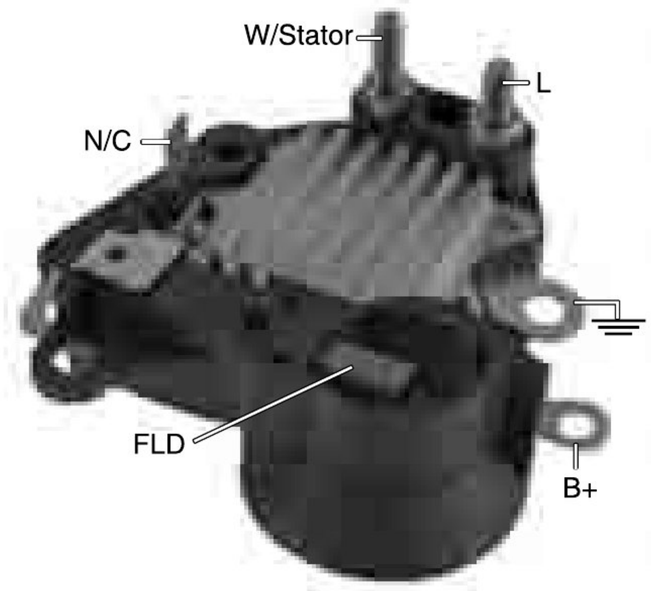
IX123
(Ref# 35-9306)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset

For: Marelli IR/IF Alternators
Used On: (1998-95) Land Rover
Replaces: Marelli 83617181, 85561921, RTM153B
Unit Nos: Marelli 63321240, 63321346, 63341240
Lester Nos: 13726
WAI Ref. Nos: 1-2186-01MM
Note: L-terminal is an output terminal



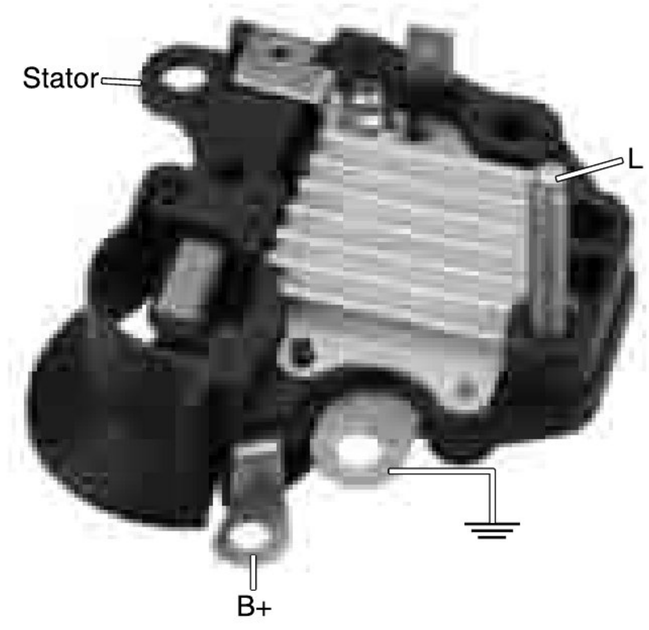
IX127
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset

For: Marelli IR/IF Alternators
Used On: Allis Chalmers, Ford Tractor
Replaces: Fiat 83614251, 99946065;
Marelli 24TR, 58120056, RTT121A
Unit Nos: Marelli 54022437, 54022443B, 54022510, 54022536, 54022591, 54022646, 54022647, 54022651, 63321285, 63324233, 63324286, 63324322, 63324374, 63324380, 63324390, 64022656, 64022656
Lester Nos: 12094
WAI Ref. Nos: 1-2454-01MM
Features:
• Soft start



IX128
(Ref# 35-9305)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset

For: Marelli IR/IF Alternators
Used On: (1995-91) Land Rover
Replaces: Marelli 28010B, 28018A, Rover STC985
Unit Nos: Marelli 54022459, 54022469, 54022470, 54022606, 63320228, 63320289, 63320312, 63320313, 63320314, 63320315, 63321243, 63321358, 63322469, 63340003, 63340005, 63341243
Lester Nos: 13696, 13697, 13725
WAI Ref. Nos: 1-2003-01MM, 1-2004-01MM, 1-2128-01MM
Note: Long stator bolt
Features:
• Soft start

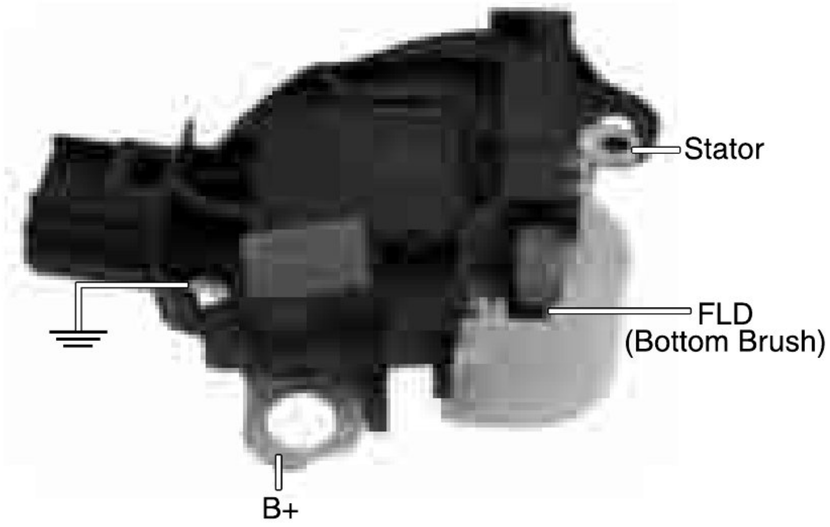


IX129
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Marelli Alternators
Used On: Alpha Romeo, Fiat, Lancia
Replaces: Marelli 28017, 28017D, 54209305, 83614251, RTM24TR
Unit Nos: Marelli 63321227, 63321241, 63321246, 63321253, 63321299, 63321313, 63321397, 63321405, 63321412
Dim: M6 x 1.0 D+ Post
Note: With Capacitor, Sense Spade-Terminal

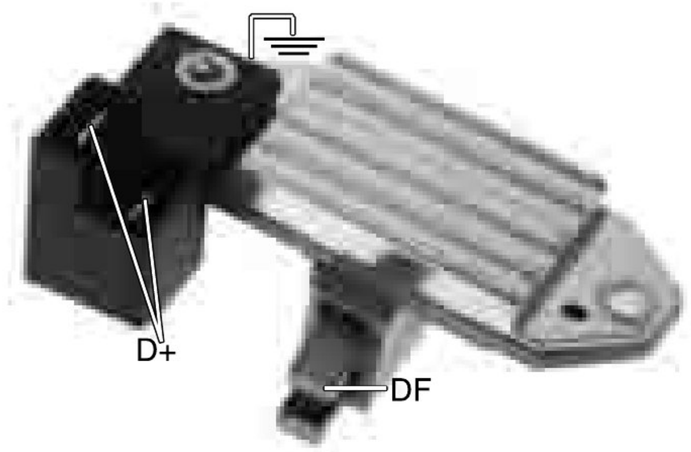
ALTERNATOR - REGULATORS (TRANSPO)

MARELLI (cont'd.)



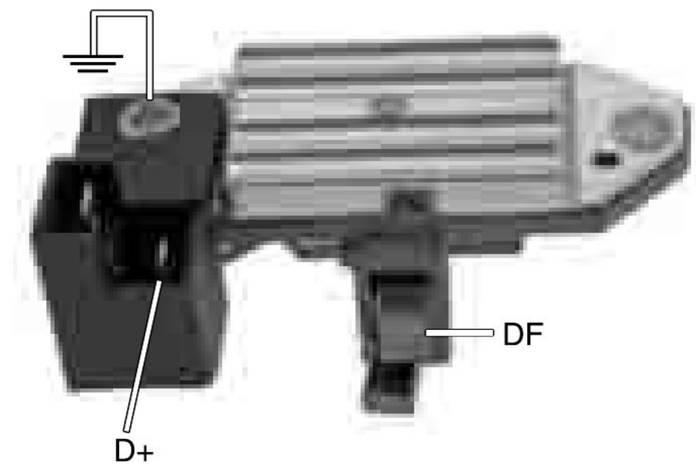
IX131
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, AS-RC-LI Terminals, 14.0 Vset

For: Marelli IR/IF Alternators
Used On: Ford Focus
Replaces: Marelli 85582601010
Unit Nos: Ford 98AB-10300-GD, -GE, -GF;
Marelli 63321678, 63321679, 63321711, 63321746, 63341679
Features:
• Computer controlled regulation voltage



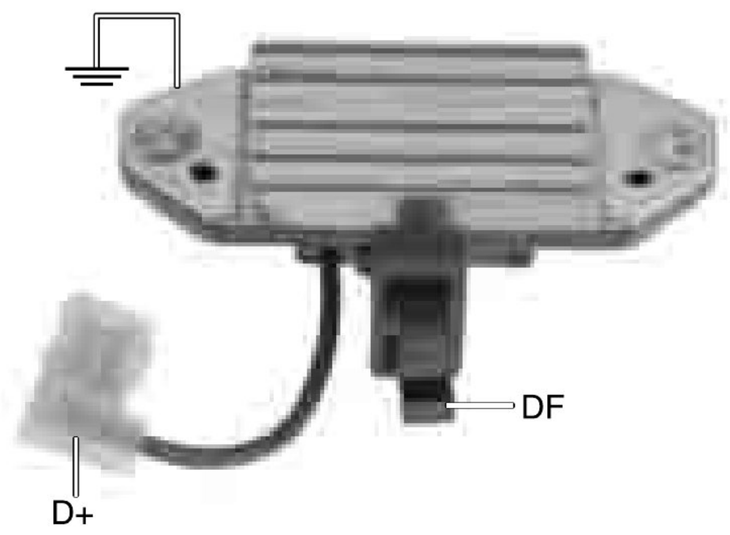
IX110-1
(Ref# 35-9304)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Marelli IR/EF Alternators
Used On: Fiat-Allis, Lister-Petter
Replaces: Fiat 9939826, 9941193; Marelli 58120022, 79707161, 79707481, 83600151, RTT119AC
Unit Nos: Marelli 63300010, 001, 002, 003, 004, 005, 006, 007, 008, 010, 011, 012, 020, 021, 022, 023, 024, 028, 030, 031, 032, 034, 035, 037, 040, 042, 044, 045, 046, 047, 048, 049, 050, 051, 053, 054, 055, 056, 058, 063, 073, 074, 082, 083, 091, 094, 096, 097, 102, 105, 110; 63321000, 001, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 013, 015, 016, 017, 024, 027, 028, 029, 031, 033, 035, 036, 037, 039, 040, 041, 042, 044, 045, 058, 060, 061, 062, 067, 068, 070, 071, 072, 073, 077, 078, 079, 080, 082, 083, 084, 086, 087, 088, 090, 091, 095, 096, 097, 098, 099, 100, 101, 103, 106, 107, 108, 109, 111, 112, 113, 116, 117, 123, 126, 129, 137, 138, 146, 149, 150, 151, 152, 153, 154, 155, 156, 157, 159, 165, 167, 169, 170, 171, 172, 173, 174, 175, 176, 183, 188, 189, 190, 191, 199, 409, 410
Lester Nos: 12026, 12280, 12281



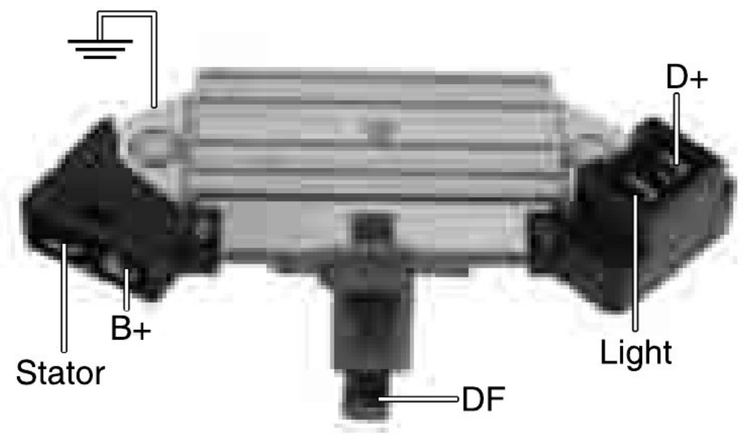
IX111-1
(Ref# 35-9309)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.5 Vset

For: Marelli IR/EF Alternators
Used On: Fiat Tractors
Replaces: Fiat 8190407; Marelli 79707441, RTT119B
Unit Nos: Fiat 4808519;
Marelli, 63320025, 052, 057; 63320118, 046, 047, 048, 049, 050, 052, 055, 063, 102, 104, 110
Lester Nos: 12026



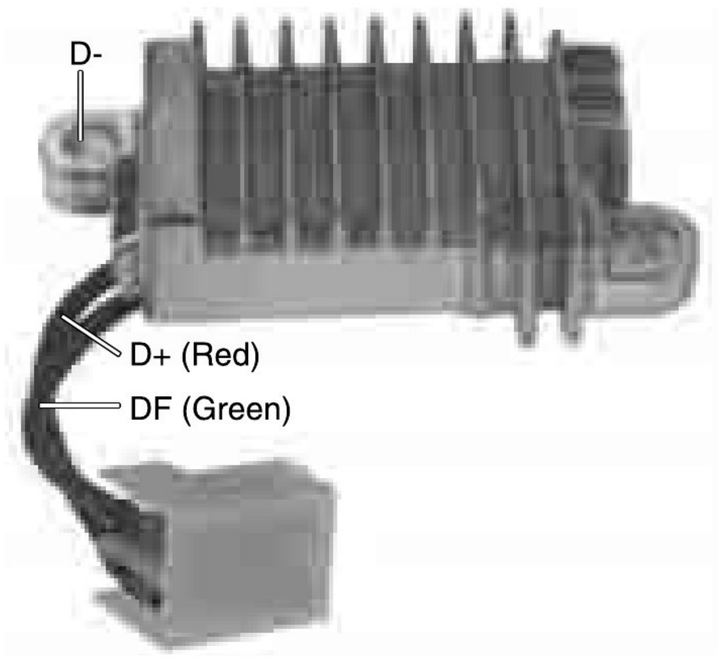
IX112-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.7 Vset

For: Marelli Alternators
Used On: Fiat
Replaces: Marelli 83603151010
Dim: 50mm Lead Length



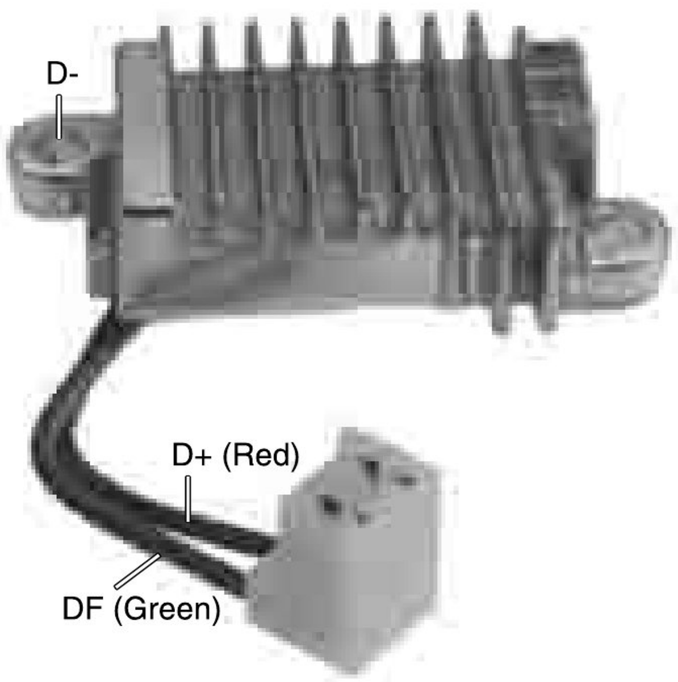
IX118-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Marelli Alternators
Used On: Renault
Replaces: Marelli 64808182, 184, 241, 243; 83607041, 111; RTT118C, E, J
Unit Nos: Marelli 63320027, 63320039, 63320041, 63320042, 63320046, 63321057, 63321081, 63321083, 63321084, 63321096



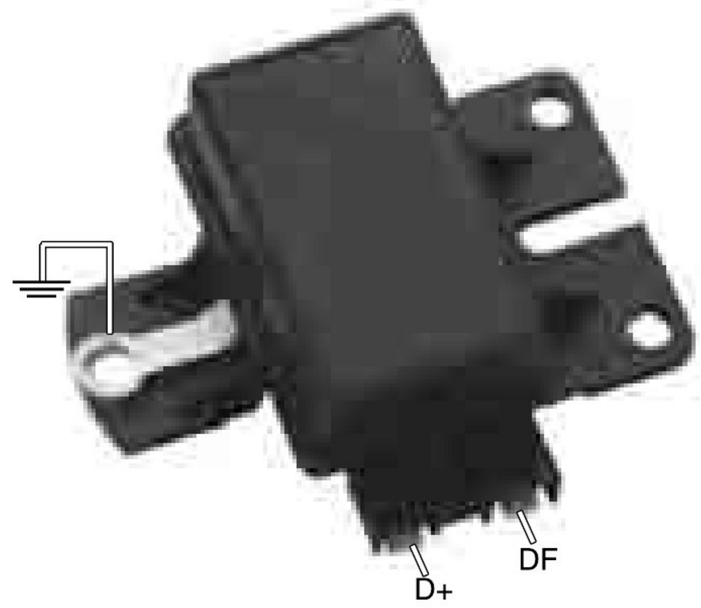
IX106
(Ref# 35-9300)
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Marelli IR/EF Alternators
Used On: (1980-75) Fiat, Lancia
Replaces: Fiat 4475112, 4721593;
Marelli 64808106, 64808140, 64808143, RTT114A
Unit Nos: Marelli 62307526, 63300905, 63300925; 63305100, 01, 02, 03, 20, 22, 23, 30, 31, 50; 63305206, 26, 36, 46, 56, 70; 63305310; 63305400, 01, 02, 03, 04, 05, 06, 20, 23, 25, 26, 30, 31, 40, 42, 50; 63305506, 26, 36, 56, 66; 63305621; 63305700, 01, 02, 11, 12, 20, 30, 31, 32; 63305800, 01, 02, 20, 21, 22, 32, 42, 62; 63305900; 63306700, 01, 21, 30; 63307100, 01, 03, 05, 06, 07, 08, 20, 23, 25, 26, 27, 28, 30, 31, 50, 60; 63307206, 07, 08, 18, 27, 36, 46, 56, 70; 63307310; 63307400, 01, 02, 03, 05, 06, 07, 08, 09, 10, 20, 23, 25, 26, 27, 28, 29, 30, 31, 41, 42, 50, 52, 60, 70, 90; 63307503, 06, 08, 09, 18, 23, 26, 36, 56, 66; 63307602, 04, 22, 24, 34; 63307801, 02, 04, 21, 22, 24, 32, 41, 42, 51, 62, 72; 63308701, 21, 31
Lester Nos: 14057, 14293, 14294, 14558
WAI Ref. Nos: 1-1338-01MM, 1-1343-01MM
Terminal ID: Red D+, Green DF, Case D-



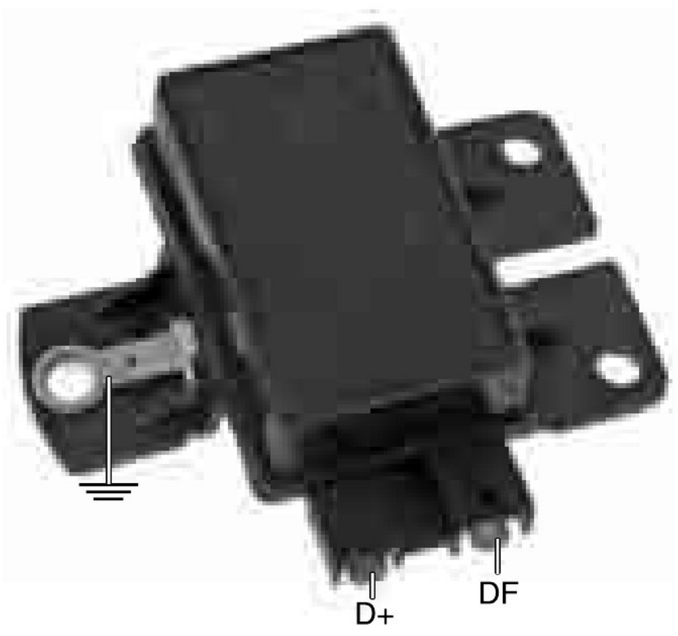
IX108
(Ref# 35-9301)
Regulator
24 Volt, A-Circuit, 27.5 Vset

For: Marelli IR/EF Alternators
Used On: Fiatallis
Replaces: Fiat 9983355; Marelli 64808141, RTT114B
Unit Nos: Marelli 63306000, 63306300, 63306360, 63306369, 63306370, 63306379, 63306380, 63306389, 63306399, 63308300, 63308310, 63308330, 63308340, 63308350, 63308360, 63308370, 63308380, 63308399
Lester Nos: 12026
Terminal ID: Red D+, Green DF, Case D-



IX4004
(Ref# 35-9307)
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Marelli ER/EF Alternators
Used On: (1977-70) Fiat, Lancia
Replaces: Fiat 4074763, 4095889, 4095898, 4191122, 4202969, 4296100, 5011933;
Marelli 63408004, 63408005, 63408007, 63472000, 64808020, 64808101, 64808103, RTT110B
Unit Nos: Marelli 63300515, 63303001, 030, 041, 3061, 191, 213, 220, 222, 223, 240, 280, 300, 311, 320, 331, 350, 360, 380, 391, 420, 429, 520, 530, 550, 570;, 63304800, 830, 840, 870, 880, 890; 63305020
Lester Nos: 13075, 13092, 13131, 13132, 13136, 14045
WAI Ref. Nos: 1-1337-01MM, 1-1339-01MM, 1-1340-01MM, 1-1345-01MM



IX4005
(Ref# 35-9308)
Regulator
24 Volt, B-Circuit, 27.5 Vset

For: Marelli ER/EF Alternators
Used On: Fiat-Allis
Replaces: Fiat 4087071, 4112453, 4205243, 4215948, 4288170, 4296659, 4474531, 4701050, 4754010;
Marelli 63408305, 63408306, 64808102, 64808108, RTT110C, J
Unit Nos: Fiat 4152610;
Marelli 63301001, 031; 63304002, 003, 020, 021, 022, 023, 040, 050, 075, 079, 081, 082, 083, 087, 090, 100, 120, 201, 202, 221, 222, 231, 400, 401, 420, 430, 431, 440, 460, 490
Lester Nos: 12027

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

External Regulated



IM951
Regulator
12 Volt, B-Circuit, IG-F-L-A-N-E (A) Terminals, 14.3 Vset
For: Mitsubishi ER/EF Alternators
Used On: (1981-72) Ford, Mazda
Replaces: Ford D27Z-10316-A, GRE-301;
Mazda 0259-18-391, 0259-18-391B;
Mitsubishi Motors MD001810, MD601810
Unit Nos: Ford D47Z-10346-A;
Mazda 0453-18-300; 0483-18-300, A; 0527-18-300, A;
0707-18-300, 3936-18-300, 8317-18-300;
Mitsubishi A1T20572, A1T20574, A1T21377, A1T30471,
A1T30477, A2T11173, A2T20971, AG2050T, AG2050T15,
AH2035H7, AH2035T, AH2035T2, AH2035T4, AH2040H1,
AH2040H7, AP2040T
Lester Nos: 14194, 14196
WAI Ref. Nos: 1-1147-01MI, 1-1148-01MI
Features:
• Solid state

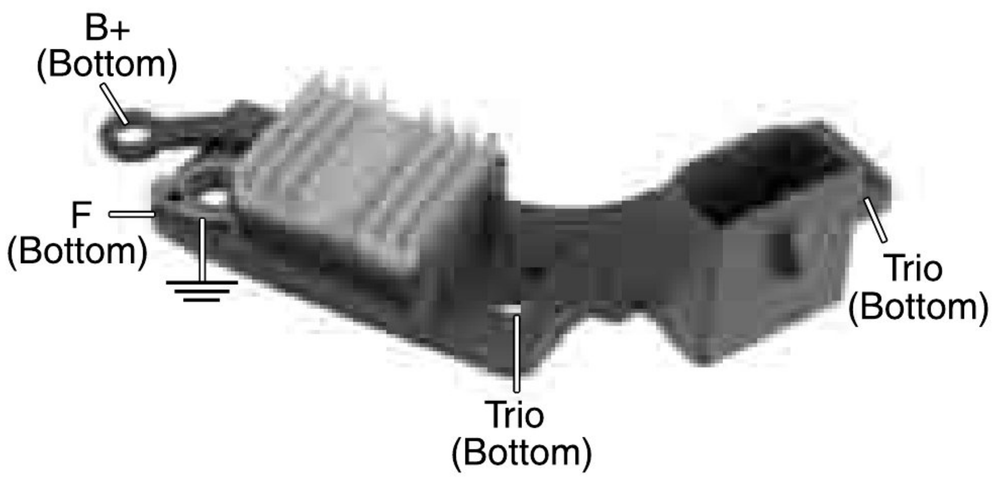


IM952
Regulator
12 Volt, B-Circuit, IG-F-L-A-N-E Terminals, 14.3 Vset
For: Mitsubishi ER/EF Alternators
Used On: (1978-71) Dodge, Plymouth
Replaces: Mazda 0259-18-391AB, 8242-18-391, 8424-18-391,
D272-10-316A;
Mitsubishi Motors MD001811, MD001812, MD001821,
MD009080, MD011810, MD011811, MD011812
Unit Nos: Mitsubishi A1T00872, A1T00873, A1T22074,
A2T12271, A2T15371, A2T15372, A2T15871, A2T16071,
A2T16171, A2T21571, A2T22171, A2T22177, AH2035M4,
AH2045G1, AH2045K, AH2045K1, AH2050G1, AH2240L1,
AH2250M1, AH2250M7, AR2115, AR2115Z3;
Mitsubishi Motors MD003512, MD003513, MD007516,
MD017645, MD021651, MD021652, MD021660, MD021668,
MD021669, MD025651, MM317660
Lester Nos: 12132, 12137, 14199, 14234, 14237
WAI Ref. Nos: 1-1480-01MI, 1-1481-01MI, 1-1482-01MI
Features:
• Solid state

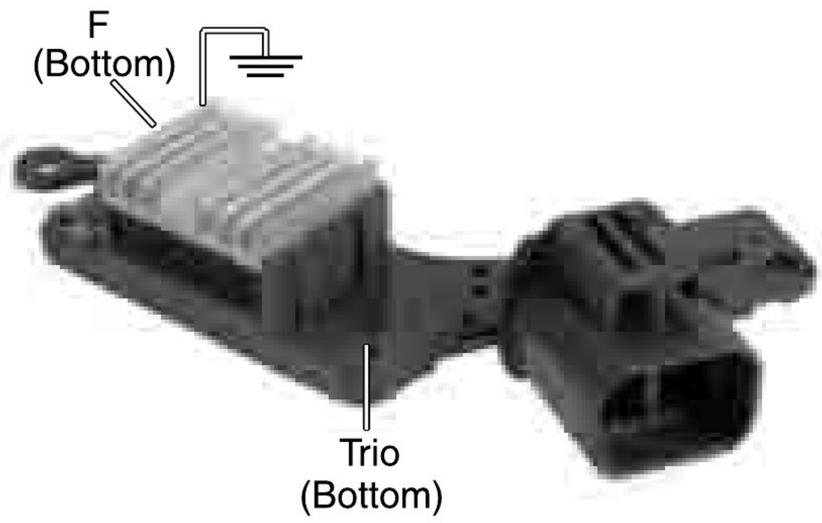


IM954
Regulator
12 Volt, B-Circuit, IG-F-L-A-N-E (A) Terminals, 14.3 Vset
For: Mitsubishi ER/EF Alternators
Used On: (1981-72) Ford, Mazda
Replaces: Ford D79Z-10316-A, D97Z-10316-A, GRE-542;
Mazda 0259-18-391B, 0453-18-391
Unit Nos: Ford D47Z-10346-A;
Mazda 0453-18-300, A; 0483-18-300, A; 0527-18-300, A;
0707-18-300; 1011-18-300, A; 1757-18-300, A; 3590-18-300A,
3936-18-300, 8248-18-300, 8317-18-300, 8527-18-300,
8735-18-300, 8871-18-300, 8914-18-391;
Mitsubishi A1T20572, A1T20574, A1T21377, A1T30471,
A1T30477, A2T11173, A2T20971, A2T20972, A2T22077,
A2T30571, A2T30591, A3T31071, A3T31074, A3T31091,
A4T15171, AG2050T, AG2050T15, AG2050T16, AH2035H7,
AH2035T, AH2035T2, AH2035T4, AH2040H1, AH2040H7,
AH2063H1, AH2063H21, AH2063H4, AH2063T, AH2250H7,
AH2255H1, AH2255H21, AP2040T
Lester Nos: 14194, 14196, 14207
WAI Ref. Nos: 1-1147-01MI, 1-1148-01MI, 1-1158-01MI
Features:
• Solid state

Internal Regulated



IM840
(Ref# 35-8350)
Regulator
12 Volt, A-Circuit, I-D(S)-A Terminals, 14.5 Vset
For: Mitsubishi 215A IR/EF Alternators
Used On: Ford Ambulance, EMV
Replaces: Ford F5PZ-10334-A (regulator stamped 304)
Unit Nos: Ford F5UU-10300-CA, F5UZ-10346-CA;
Mitsubishi A8TU0091
Lester Nos: 12075
WAI Ref. Nos: 1-1929-01MI

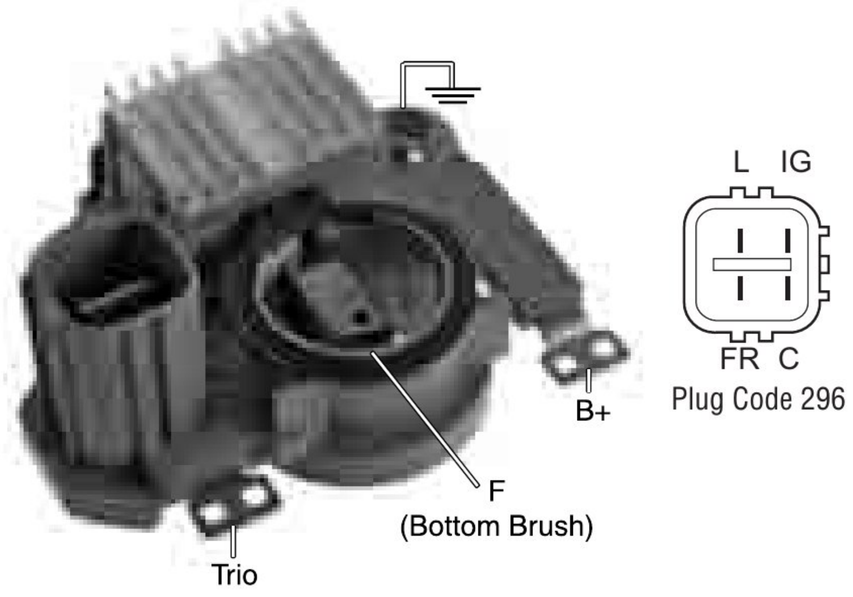


IM843

Regulator

24 Volt, A-Circuit, S-L Terminals, 28.5 Vset

For: Mitsubishi IR/EF Alternators
Used On: Mitsubishi Motors Industrial, Fuso Truck
Replaces: Mitsubishi Motors ME701302; Mitsubishi A866X26070, A866X26072
Unit Nos: Mitsubishi A4T40289, A4T40386, A4T40389, A4T70078, A4T70086, A4T70099, A4T70186, A4T70189, A4T95099, A4TU3085, A4TU3088, A4TU3186, A4TU3586, A9TU3099, A9TU3199; Mitsubishi Motors ME011886, ME017632, ME077788, ME077789, ME077790, ME077869, ME092899, ME093245, ME093246, ME093256, ME151217, ME151974, ME160917, ME160918, ME163230
Components:
TRI843 Repair Circuit



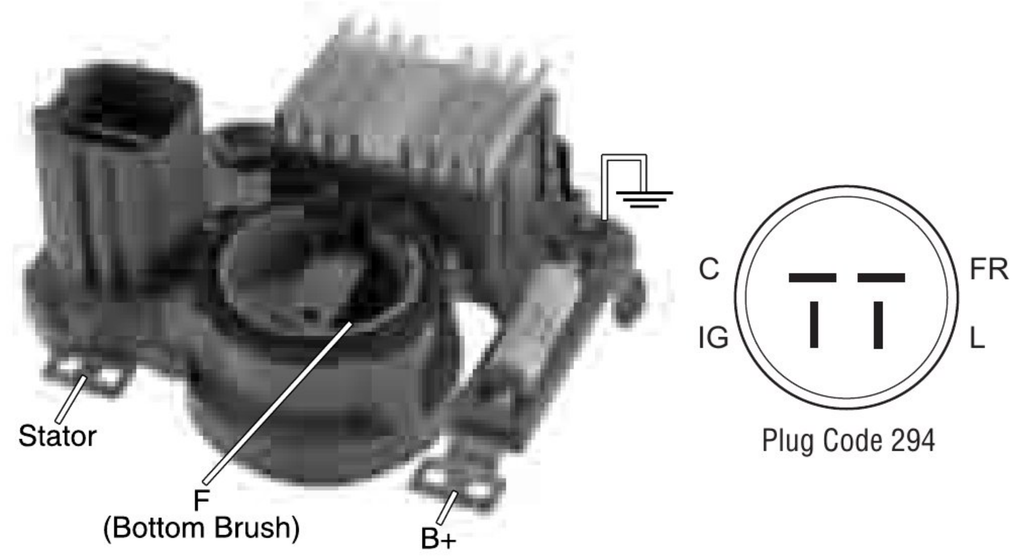
IM850

(Ref# 35-8348)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, IG-C-L-FR Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2001-96) Acura, Honda
Replaces: Honda 31150-P2E-A01; Mitsubishi 3177203J
Unit Nos: Honda 31100-P2E-A01, 31100-P2E-A02, 31100-P73-A01; Mitsubishi A5TA0991, ZC; A5TA3591; Mitsubishi Motors ME10997D
Lester Nos: 13649, 13762
WAI Ref. Nos: 1-2094-01MI, 1-2195-01MI
Dim: 24mm ID Slip Ring Cover
Note: For stator activated version use IM853.
Features:
• Trio activated

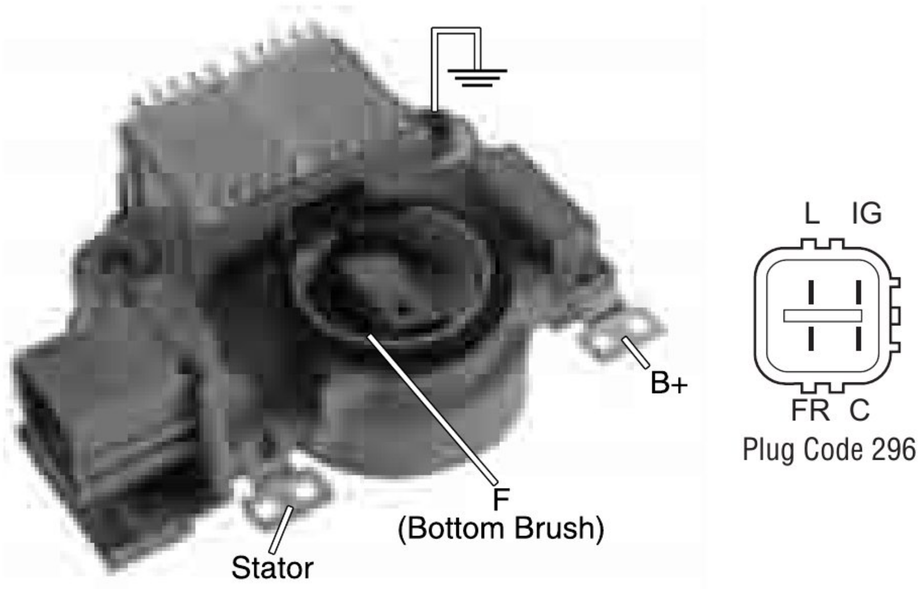


IM853

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, IG-C-L-FR Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2000-99) Honda
Replaces: (regulator stamped 438)
Unit Nos: Honda 31000-PEJ-004, 31100-PEJ-004, AHGA35; Mitsubishi A5TA4591
Lester Nos: 13649
WAI Ref. Nos: 1-2094-01MI
Dim: 24mm ID Slip Ring Cover
Note: For trio activated version use IM850.
Features:
• Stator activated



IM851

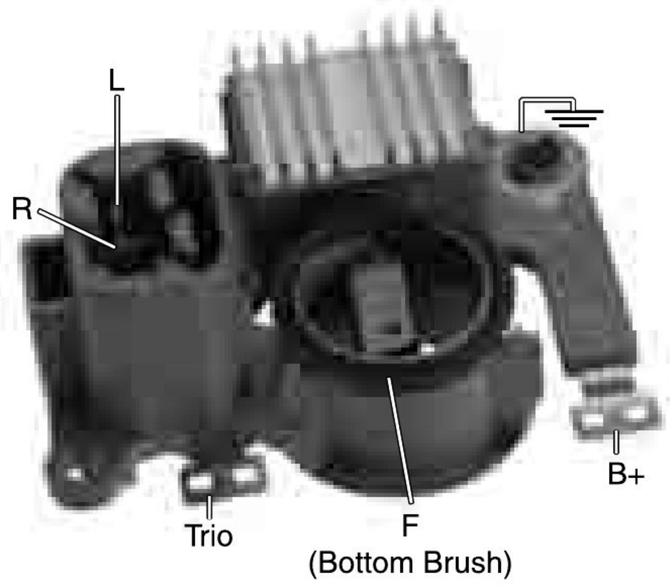
Regulator / Brush Holder Assy.

12 Volt, A-Circuit, IG-C-L-FR Terminals, 14.6 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2005-01) Acura, Honda
Replaces: (regulator stamped 487, 495)
Unit Nos: Honda 31100-PLM-A01, -A02; 31100-PND-004; Mitsubishi A2TB7591; A5TA7091, ZC
Lester Nos: 13893, 13966
WAI Ref. Nos: 1-2509-01MI, 1-2530-01MI
Dim: 24mm ID Slip Ring Cover
Note: With capacitor
Components:
TRI851 Repair Circuit
Features:
• Soft start
• Stator activated

MITSUBISHI

Internal Regulated (cont'd.)





Plug Code 192

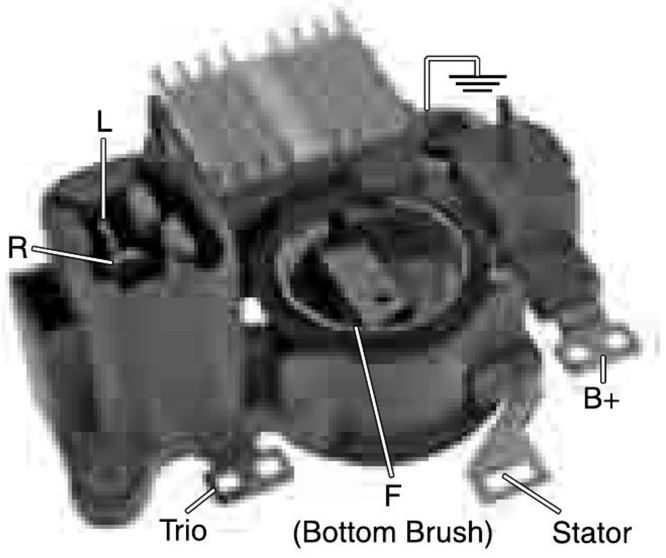
IM290

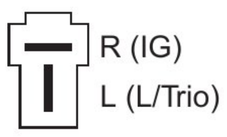
(Ref# 35-8351)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L-R Terminals, 14.7 Vset

For: Mitsubishi IR/IF Alternators
Used On: Hyster, Sumitomo Yale, Yale Lift Trucks
Replaces: Mazda S5SN-18-W70, Mitsubishi A866X26172, Mitsubishi Motors MD618845
Unit Nos: Mitsubishi A1T06391, A1T06672, A1T06791, A1T06891, A1TA0091, A1TA0291, A1TA0491, A1TA0591, A1TA0691, A1TA0791, A7T03277
Lester Nos: 12138
WAI Ref. Nos: 1-1960-01MI
Dim: 24mm ID Slip Ring Cover





Plug Code 192

IM293

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L-R Terminals, 14.7 Vset

For: Mitsubishi IR/IF Alternators
Used On: Clark Forklifts, Ford New Holland Tractors
Replaces: Mitsubishi Heavy Ind 32A68-10200 (regulator stamped 284)
Unit Nos: Ishikawajima 185046320; Mitsubishi Heavy Ind 32A68-0030L; Mitsubishi A7T03877, A7TA0477
Lester Nos: 12077
WAI Ref. Nos: 1-2480-01MI
Dim: 24mm ID Slip Ring Cover

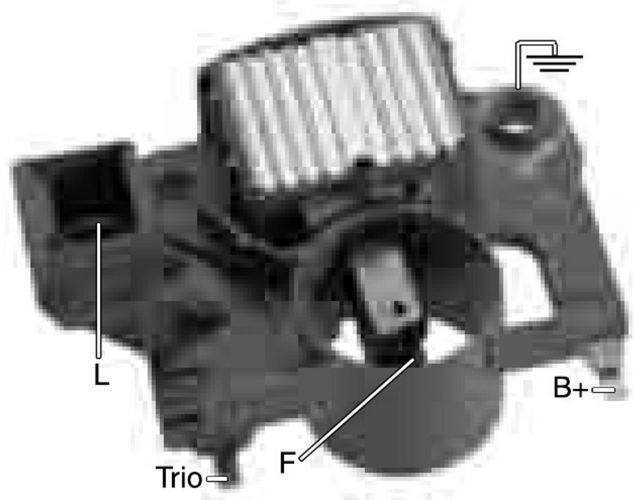


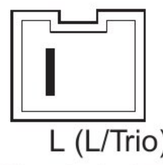
IM401

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, S-L Terminals, 28.5 Vset

For: Mitsubishi IR/EF Alternators
Used On: Kubota
Replaces: (regulator stamped 401)
Unit Nos: Mitsubishi A2TA8277
Features:
- Trio excited
- Lamp activated





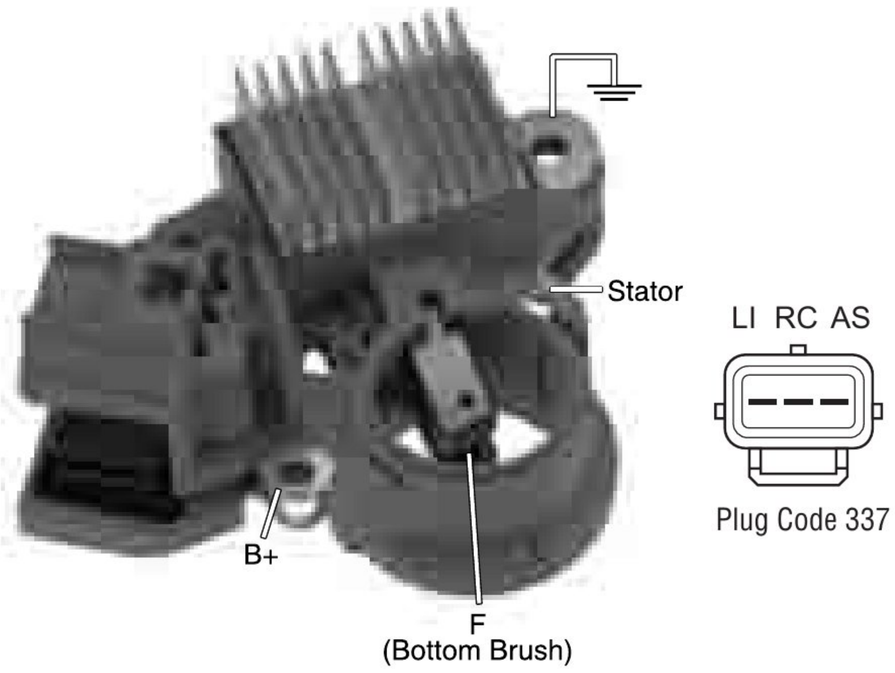
Plug Code 272

IM211

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L Terminals, 14.5 Vset

For: Mitsubishi IR/EF Alternators
Used On: Peugeot (Europe)
Replaces: Mitsubishi A866X14370
Unit Nos: Citroen 95624961, 95632024, 95632727, 95638817; Mitsubishi A1T02674, D; Peugeot 57052J
Dim: 26mm ID Slip Ring Cover
Components:
TRI211 Repair Circuit

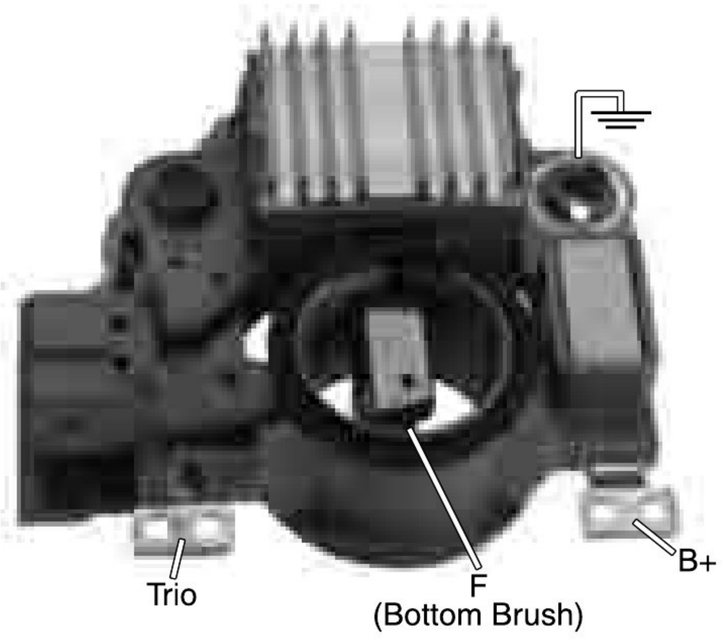


IM529

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, AS-RC-LI Terminals, 14.0 Vset

For: Mitsubishi 200A IR/IF Alternators
Used On: (2005-03) Ford w/ Police Option
Replaces: Mitsubishi A866T52970 (regulator stamped 529)
Unit Nos: Ford 4W73-10300-AC, 4W7Z-10346-AC; Mitsubishi A4TJ0181, ZC
Lester Nos: 11026
WAI Ref. Nos: 1-2514-11MI
Dim: 24mm ID Slip Ring Cover
Note: PCM controlled regulation voltage

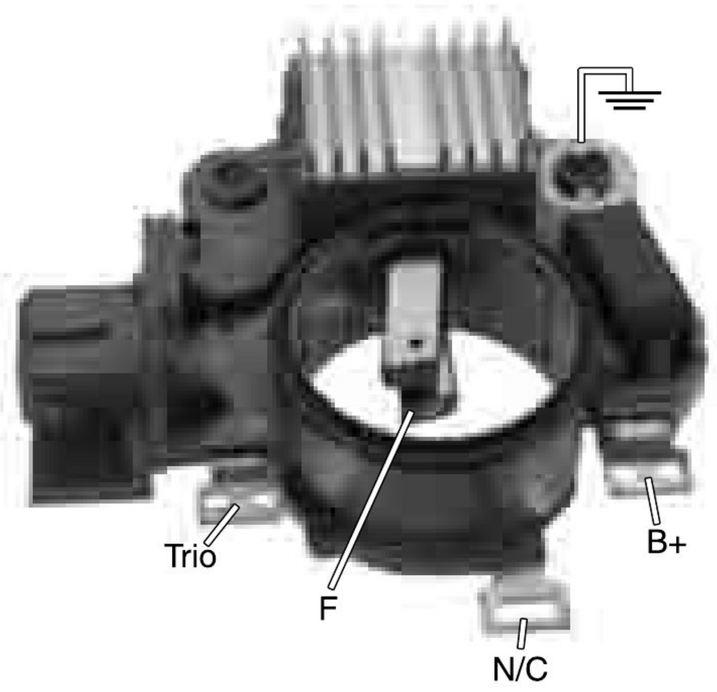


IM358

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, DF-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators
Used On: Ford (Europe)
Unit Nos: Ford 97MF-10300-AA, -AB; Mitsubishi A5TA2591
Features:
• Trio activated

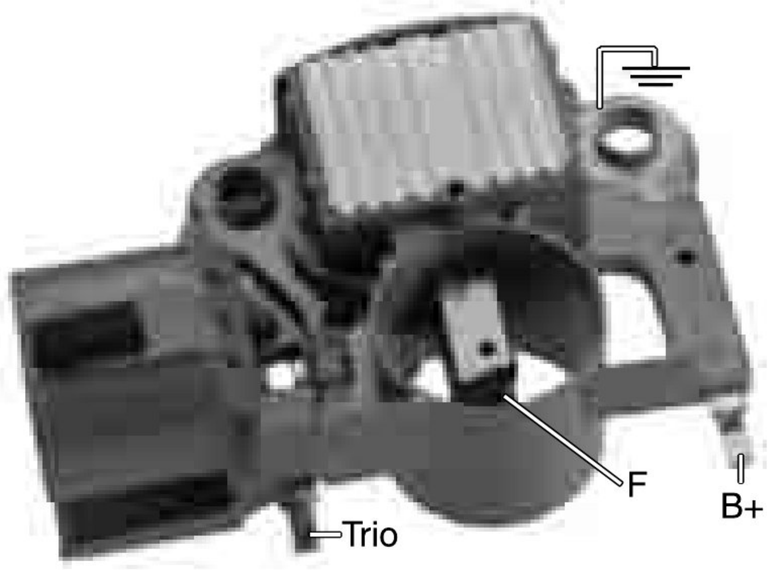


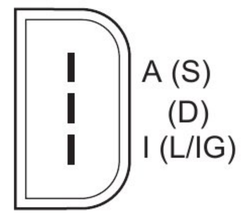
IM757

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, D-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: Ford Transit (Europe)
Replaces: Mitsubishi A866X40371
Unit Nos: Ford 98VB-10K359-BA, -BB, -BC; Mitsubishi A3TN1791
WAI Ref. Nos: 1-2613-01MI
Dim: 36mm ID Slip Ring Cover





IM268-1

(Ref# 35-8313)

Regulator / Brush Holder Assy.

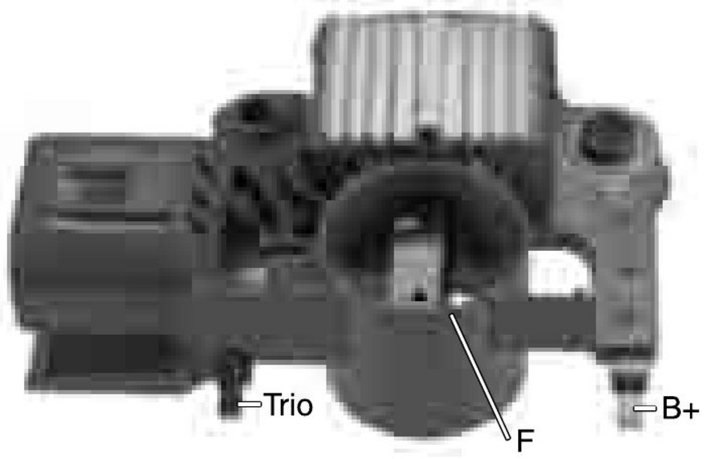
12 Volt, A-Circuit, I-D(S)-A Terminals, 14.5 Vset

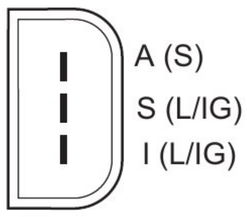
For: Mitsubishi IR/IF Alternators
Used On: (1990-88) Ford, Mercury
Replaces: Ford E8PZ-10316-B, GRE-793; Mitsubishi A866X13970, A866X13971 (regulator stamped: 13970, 13971)
Unit Nos: Mitsubishi A3T01596, A3T01598
Lester Nos: 13188, 13190
WAI Ref. Nos: 1-1180-01MI, 1-1180-02MI
Dim: 26mm ID Slip Ring Cover
Note: Similar to IM272 except IM272 has 30mm ID slip ring cover.
Components:
TRI268 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)





Plug Code 333

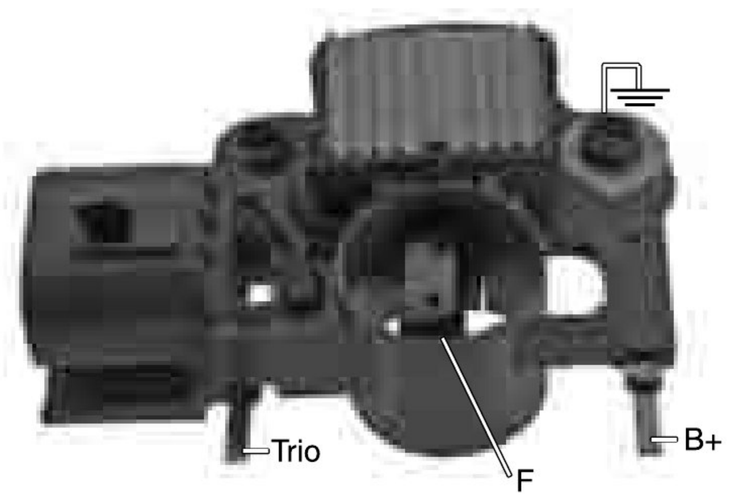
IM270

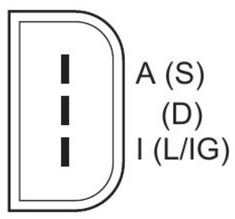
(Ref# 35-8316)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, I-D(S)-A Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1988) Ford
Replaces: Ford E8PZ-10316-A, GRE-792;
Mitsubishi A866X14070, A866X14072 (regulator stamped: 14070)
Unit Nos: Mitsubishi A3T01496
Lester Nos: 13189
WAI Ref. Nos: 1-1182-01MI
Dim: 26mm ID Slip Ring Cover
Components:
38-8305 Brush
TRI270 Repair Circuit





Plug Code 331

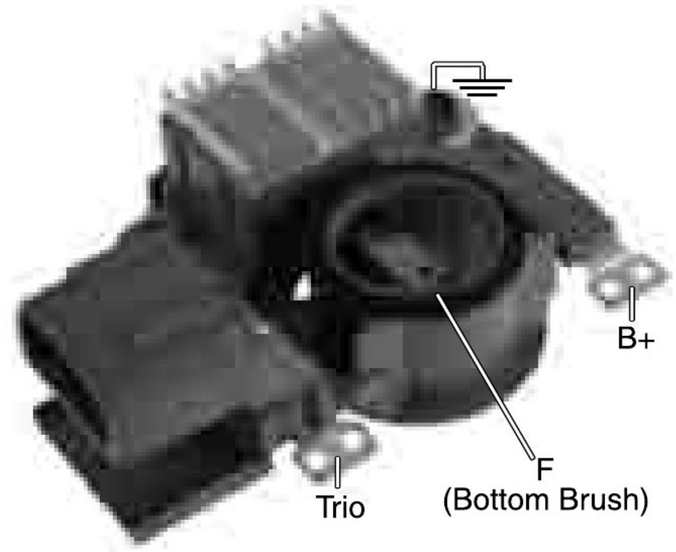
IM272

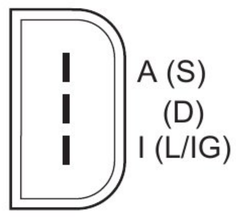
(Ref# 35-8319)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, I-D(S)-A Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1995-89) Ford, Mercury
Replaces: Ford E9PZ-10316-B, GRE-797;
Mitsubishi A866X15471 (regulator stamped: 154)
Unit Nos: Mitsubishi A4T00796, A4T03591
Lester Nos: 13212
WAI Ref. Nos: 1-1184-01MI
Dim: 30mm ID Slip Ring Cover
Note: 30mm ID slip ring cover. Similar to IM268-1 except IM268-1 has 26mm ID slip ring cover.
Components:
38-8305 Brush
TRI276 Repair Circuit





Plug Code 331

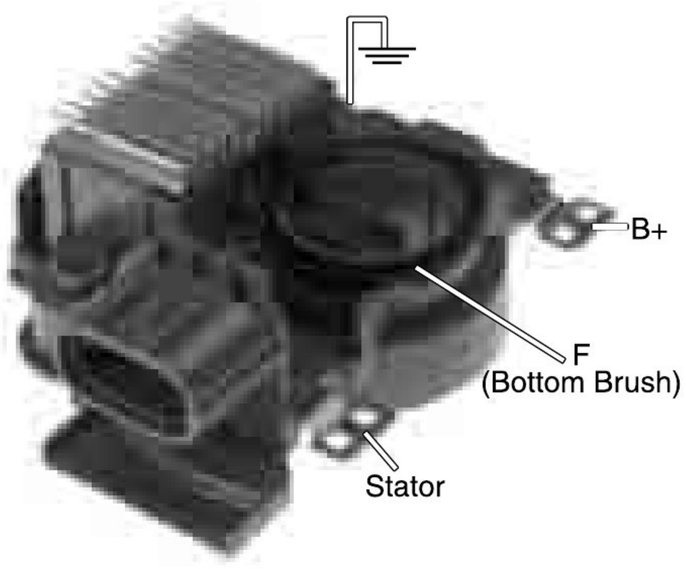
IM836

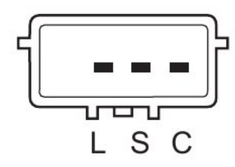
(Ref# 35-8337-1)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, I-D(S)-A Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1995-93) Ford, Lincoln
Replaces: Ford F3LY-10316-A, GRE-812;
Mitsubishi A866X24272 (regulator stamped: 242)
Unit Nos: Mitsubishi A6T41491, A6T41591
Lester Nos: 13447, 13448
WAI Ref. Nos: 1-1589-01MI, 1-1590-01MI
Dim: 24mm ID Slip Ring Cover
Components:
TRI836 Repair Circuit





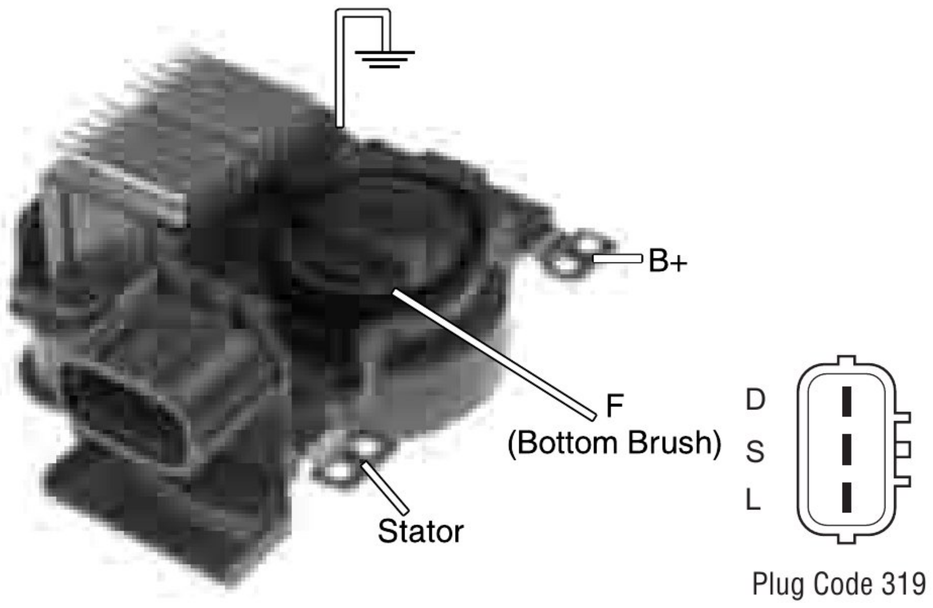
Plug Code 305

IM472

Regulator / Brush Holder Assy.

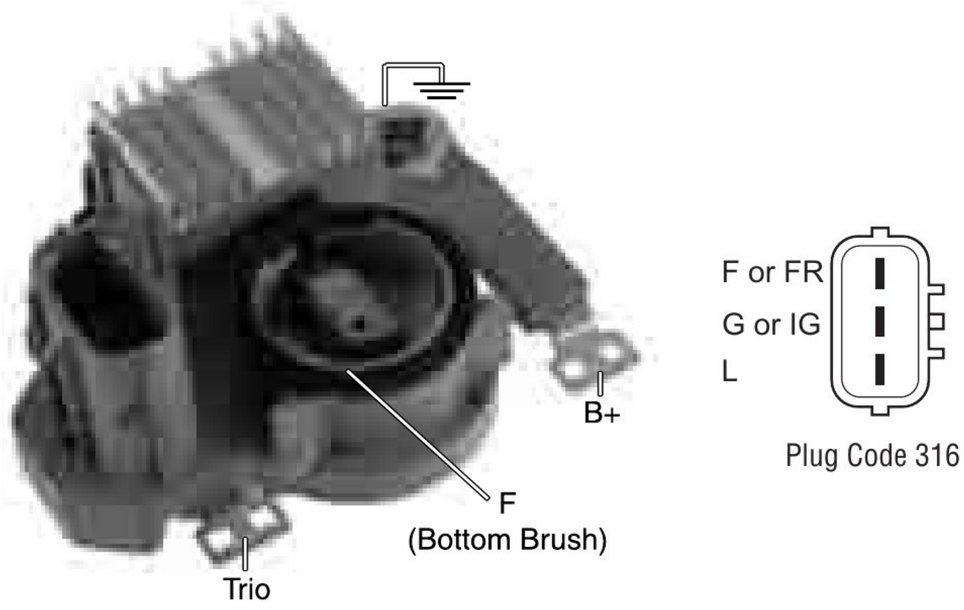
12 Volt, A-Circuit, C-S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2005-01) Subaru
Replaces: Subaru 23815-AA160
Unit Nos: Mitsubishi A3TB1891; Subaru 23700-AA401
Lester Nos: 13888
Features:
- Stator activated



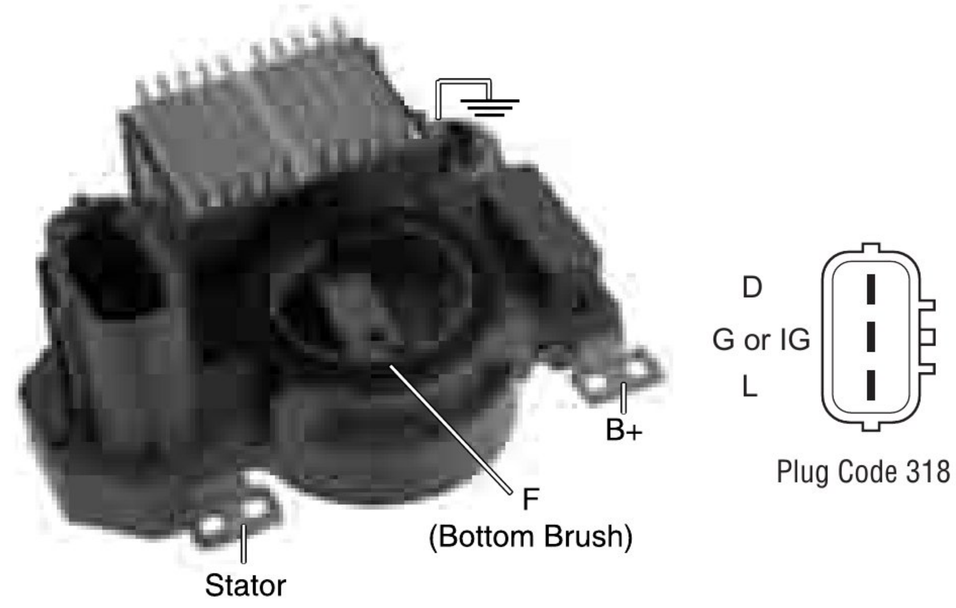
IM848
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, D-S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2005-99) Subaru
Replaces: Subaru 23815AA140 (regulator stamped 427)
Unit Nos: Mitsubishi A2TB2891, A2TB2991;
Subaru 23700-AA370, -AA390
Lester Nos: 13820, 13889
WAI Ref. Nos: 1-2232-01MI, 1-2499-01MI
Dim: 24mm ID Slip Ring Cover
Components:
TRI848 Repair Circuit
Features:
• Stator activated



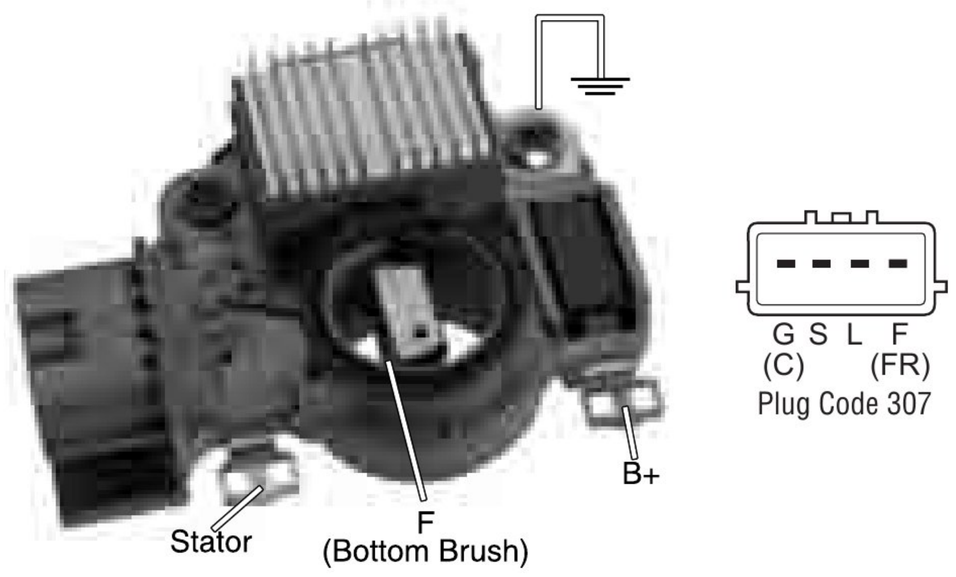
IM318
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, L-IG-FR Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2000-97) Acura, Honda
Replaces: (regulator stamped 318)
Unit Nos: Honda 31100-P2F-C01, 31100-P2F-C02, AHGA27, AHGA39; Mitsubishi A5TA1191
Lester Nos: 13330
WAI Ref. Nos: 1-2517-01MI
Dim: 24mm ID Slip Ring Cover



IM381
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, L-IG-D Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2003-99) Chevrolet, Suzuki
Replaces: GM 91174657 (regulator stamped 425)
Unit Nos: GM 30020754, 30021755, 30026055, 30026056, 30027273;
Mitsubishi A5TA3891, A; A5TA4291;
Suzuki 31400-65D00, -65D01, -66D00, -66D01, -67D01
Lester Nos: 13780, 13781
WAI Ref. Nos: 1-2223-01MI, 1-2241-01MI
Dim: 24mm ID Slip Ring Cover
Components:
IM381 Repair Circuit
Features:
• Stator activated

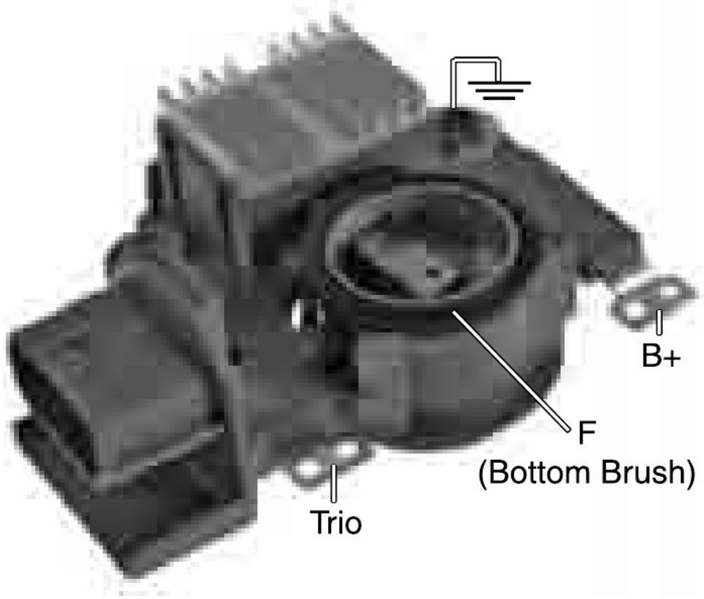


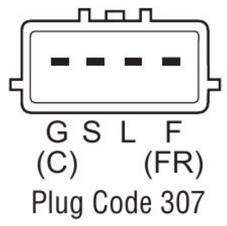
IM341
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, C(G)-S-L-FR Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2005-97) Chrysler, Dodge, Mitsubishi
Replaces: Mitsubishi Motors MD619268
Unit Nos: Mitsubishi A2TA4991, A2TA5191, A2TA5391, A2TA5394, A3TB3491
Lester Nos: 13750, 13751, 13787, 13840, 13886
WAI Ref. Nos: 1-2118-01MI, 1-2118-02MI; 1-2204-01MI, -02MI; 1-2355-02MI
Dim: 24mm ID Slip Ring Cover
Note: Stator activated
Components:
TRI341 Repair Circuit

MITSUBISHI

Internal Regulated (cont'd.)





Plug Code 307

IM845

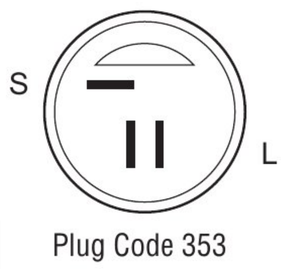
(Ref# 35-8346)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, C(G)-S-L-FR Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1999-95) Eagle, Mitsubishi
Replaces: Mitsubishi A866X28572, Mitsubishi Motors MD618957
Unit Nos: Mitsubishi A2T82791, A2T82792, A2TA0891, A2TA0892, A5TA0291
Lester Nos: 13585, 13586, 13587
WAI Ref. Nos: 1-2023-01MI, 1-2023-02MI, 1-2101-01MI, 1-2101-02MI, 1-2113-01MI
Dim: 24mm ID Slip Ring Cover
Components:
TRI845 Repair Circuit





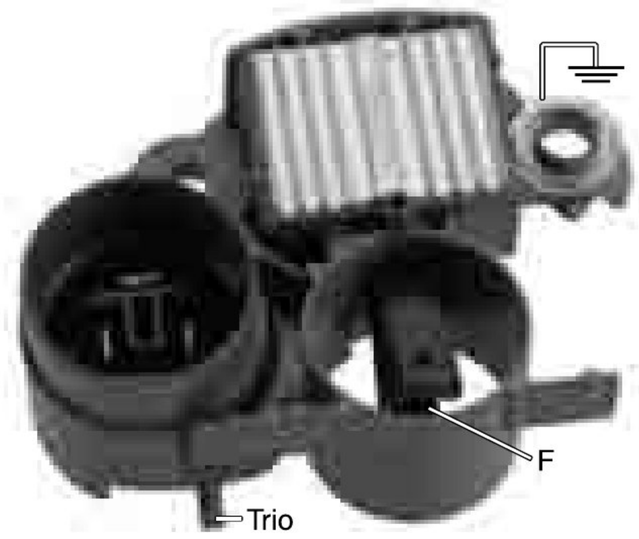
Plug Code 353

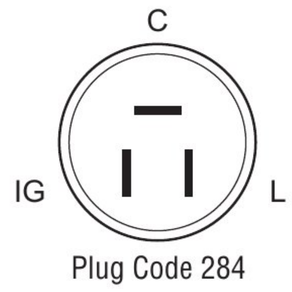
IM852

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators
Used On: Subaru
Replaces: Mitsubishi A866X17272
Unit Nos: Mitsubishi A2T09591; Subaru 23700-AA180
WAI Ref. Nos: 1-2331-01MI
Dim: 26mm ID Slip Ring Cover





Plug Code 284

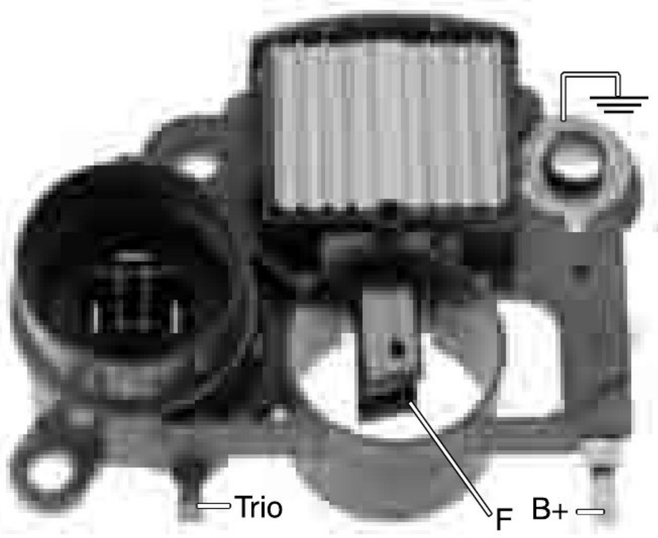
IM267

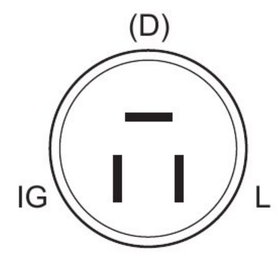
(Ref# 35-8312)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, C-IG-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1987-84) Honda
Replaces: Honda 31150-PE0-927; Mitsubishi A866X08270, A866X08271
Unit Nos: Honda 31100-PE0-906, 31100-PE0-927; Mitsubishi A1T01691
Dim: 26mm ID Slip Ring Cover
Components:
TRI267 Repair Circuit
Features:
• Choke / relay driver circuit





Plug Code 282

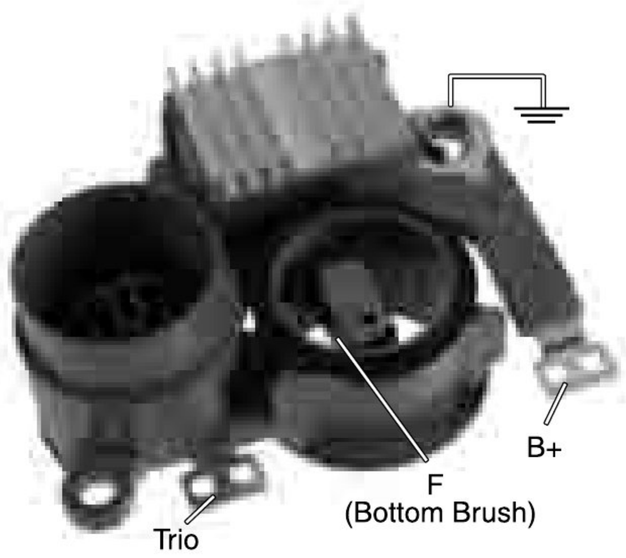
IM275

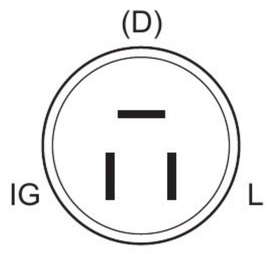
(Ref# 35-8321)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, D-IG-L Terminals, 14.7 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1998-89) Chevrolet, Geo, Suzuki
Replaces: Mitsubishi A866X11870, A866X11872; Suzuki 32500-60A10 (regulator stamped: 118)
Unit Nos: Mitsubishi A1T03191, A1T03195
Lester Nos: 13213, 13416
WAI Ref. Nos: 1-1229-01MI, 1-1229-02MI
Dim: 26mm ID Slip Ring Cover
Components:
TRI275 Repair Circuit





Plug Code 282

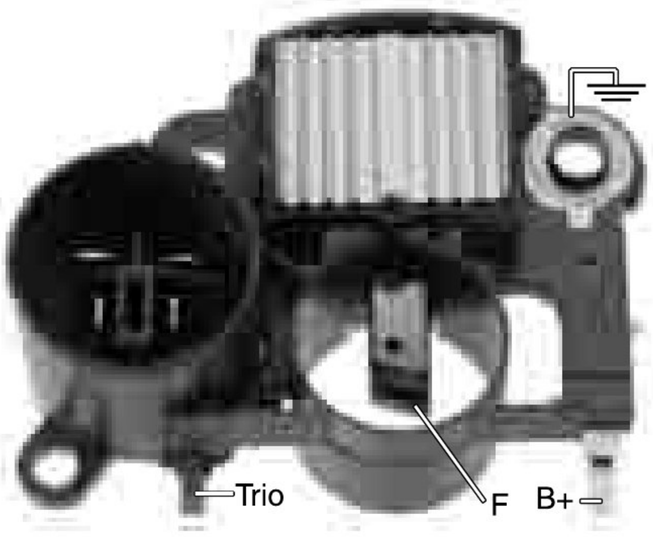
IM834

(Ref# 35-8342)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, D-IG-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2000-90) Chevrolet, Geo, Suzuki
Replaces: GM 96059547, Mitsubishi A866X23773 (regulator stamped: 237
Unit Nos: Mitsubishi A5T07091, A5T07092, A5TA0791
Lester Nos: 13336, 13415
WAI Ref. Nos: 1-1537-01MI, 1-1537-02MI
Dim: 24mm ID Slip Ring Cover
Components:
38-8307 Brush





Plug Code 294

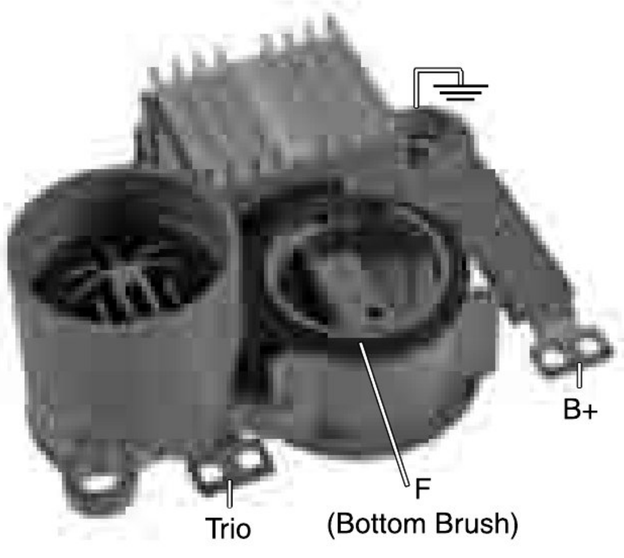
IM273

(Ref# 35-8317)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1989-88) Honda
Replaces: Honda 31150-PM5-0040; Mitsubishi A866X13670, 13671 (regulator stamped: 13670)
Unit Nos: Mitsubishi A1T02291, A1T02292, A1T04892
Lester Nos: 13266
WAI Ref. Nos: 1-1017-01MI
Dim: 26mm ID Slip Ring Cover
Note: L-terminal is an output terminal.
Similar to IM839 except IM839 L-terminal is not output terminal.
Components:
TRI273 Repair Circuit





Plug Code 294

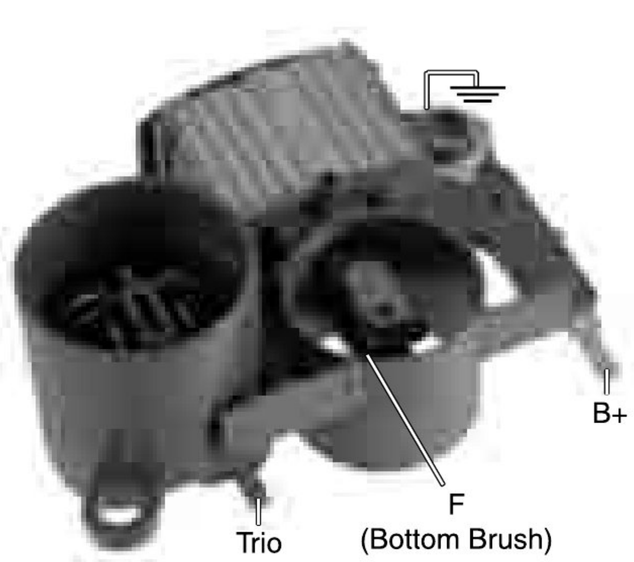
IM835

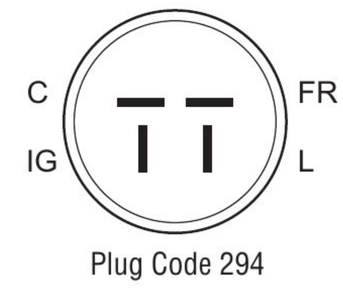
(Ref# 35-8354)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.7 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1995-92) Honda
Replaces: Honda 04314-P08-004, Mitsubishi A866X26641 (regulator stamped: 266)
Unit Nos: Honda 31100-P08-004, 31100-P08-024; Mitsubishi A5T06391, A5T06491, A7T00891
Lester Nos: 13608, 13700
WAI Ref. Nos: 1-1831-01MI, 1-1876-01MI
Note: L-terminal is an output terminal.
Components:
TRI835 Repair Circuit





Plug Code 294

IM839

(Ref# 35-8340)

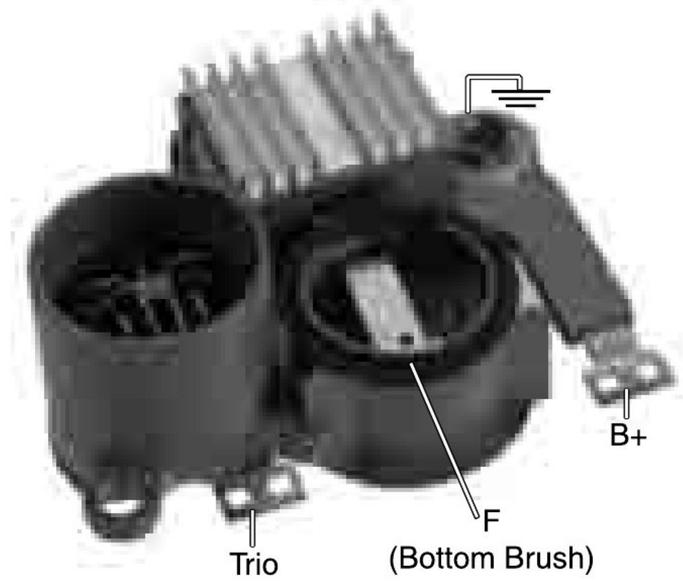
Regulator / Brush Holder Assy.

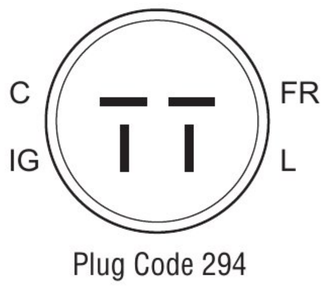
12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1995-92) Honda
Replaces: Honda 04314-P08-014, Mitsubishi A866X22081 (regulator stamped: 220)
Unit Nos: Mitsubishi A5T04292
Lester Nos: 13608
WAI Ref. Nos: 1-1831-01MI
Dim: 26mm ID Slip Ring Cover
Note: L-terminal is not an output terminal.
Similar to IM273 except IM273 L-terminal is an output terminal.
Components:
38-8305 Brush
TRI839 Repair Circuit

MITSUBISHI

Internal Regulated (cont'd.)





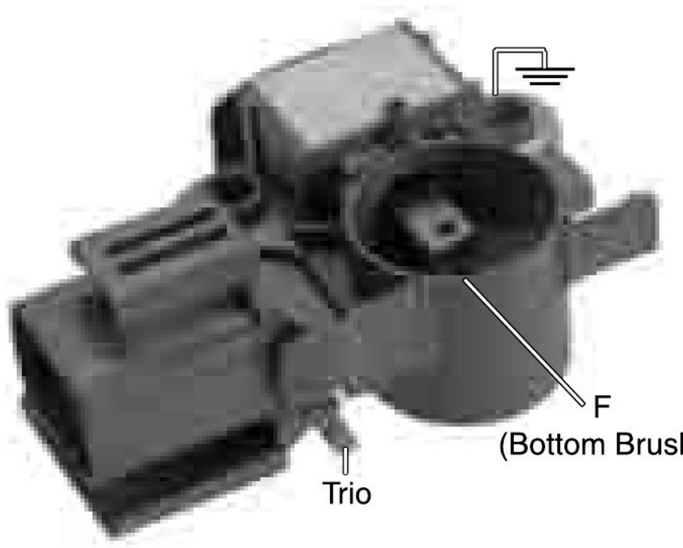
Plug Code 294

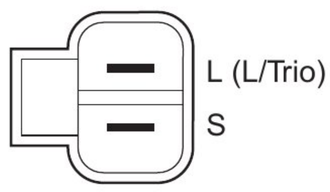
IM844

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.7 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1997-95) Honda
Replaces: Honda 04314-P0G-A02
Unit Nos: Honda 31100-P0G-A02, 31100-P0G-A03, AHGA21; Mitsubishi A2TA2191
Lester Nos: 13648
WAI Ref. Nos: 1-2095-01MI
Dim: 24mm ID Slip Ring Cover
Note: L-terminal is not an output terminal





Plug Code 300

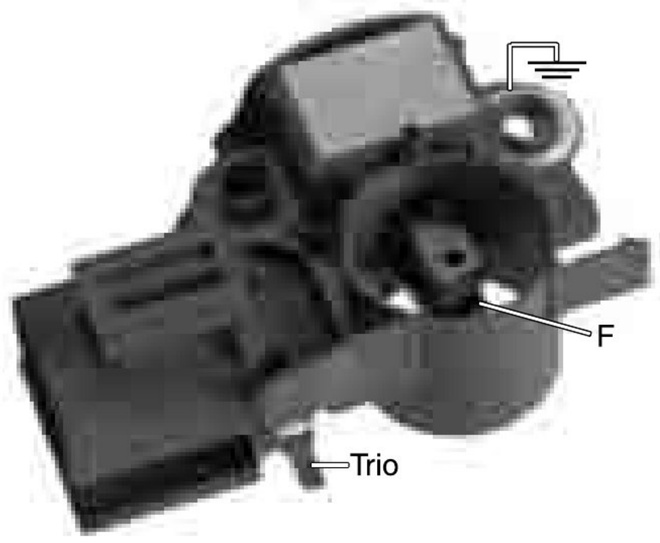
IM262

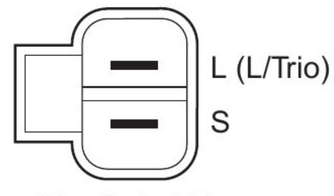
(Ref# 35-8309)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: Nissan Bluebird (non-USA)
Replaces: Mitsubishi A866X06471; Nissan 23133-08E15
Unit Nos: Mitsubishi A2T45771A, A2T45799A; Nissan 23100-08E11, 23100-08E16
Dim: 26mm ID Slip Ring Cover
Components:
TRI405 Repair Circuit





Plug Code 300

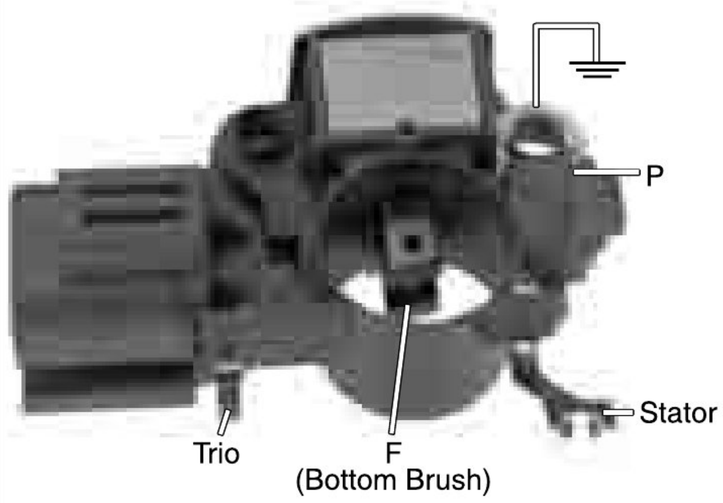
IM263

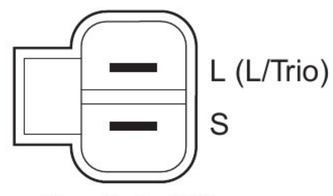
(Ref# 35-8310)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1989-86) Nissan
Replaces: Mitsubishi A866X08071, 08072; Nissan 23215-17B10, 23215-51S10 (regulator stamped: 08070)
Unit Nos: Mitsubishi A2T02394, B; A2T46395, B; A2T47794, B; A2T48292, A2T48298, A2T48472, A5T22997B
Lester Nos: 14243, 14720, 14723, 14724, 14979
WAI Ref. Nos: 1-1098-01MI, 1-1101-01MI, 1-1126-01MI, 1-1126-02MI
Dim: 26mm ID Slip Ring Cover
Components:
38-8300 Brush
TRI406 Repair Circuit





Plug Code 300

IM265-1

(Ref# 35-8308)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals w/ P-Terminal

14.5 Vset

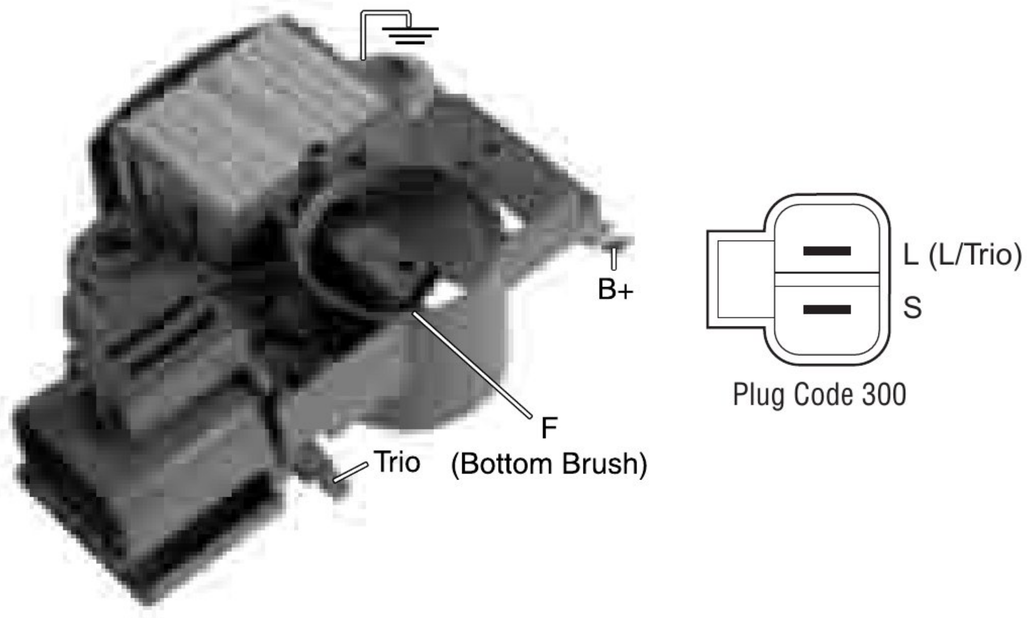
For: Mitsubishi IR/IF Alternators
Used On: (1989-88) Ford, Mazda, Mercury
Replaces: Ford E8GY-10316-B, E8GZ-10316-A; Mazda B675-18-W70, -W70A; Mitsubishi A866X12770, A866X12772, A866X12782 (regulator stamped: 12770, 12780)
Unit Nos: Mitsubishi A2T05772, A2T05772X, A2T05892, A2T05893
Lester Nos: 13183, 13196, 14905
WAI Ref. Nos: 1-1136-01MI, 1-1142-01MI
Dim: 26mm ID Slip Ring Cover
Components:
38-8300 Brush
TRI406 Repair Circuit

IM265HD-1

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals w/ P-Terminal
14.5 Vset

Same as IM265-1 except...

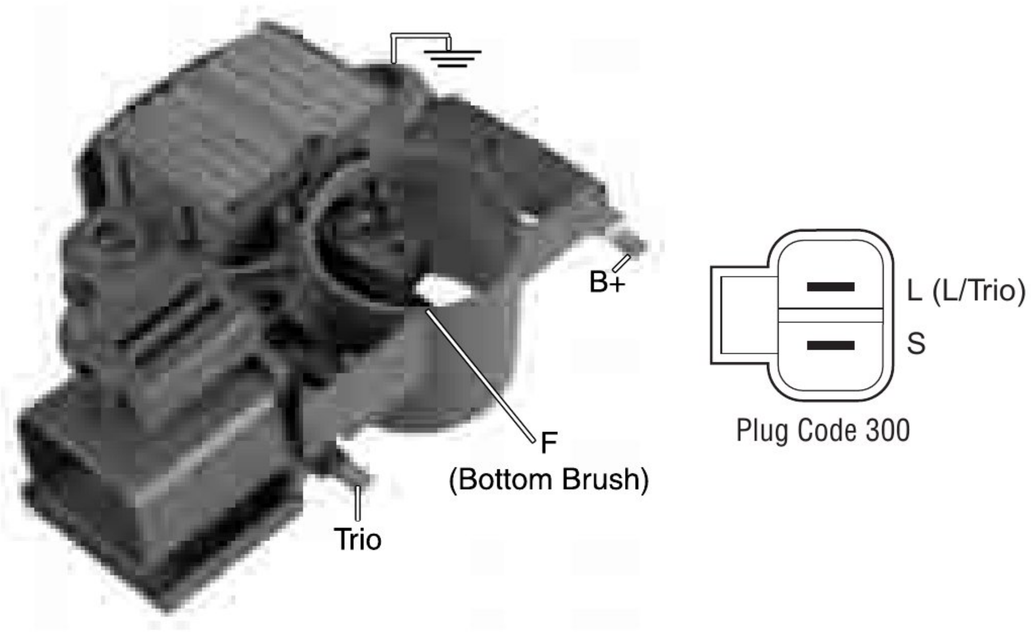
Features:
- Heavy Duty
- Field effect transistor (FET)
- Very low saturation voltage
- Superior loading performance



IM277

(Ref# 35-8322)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

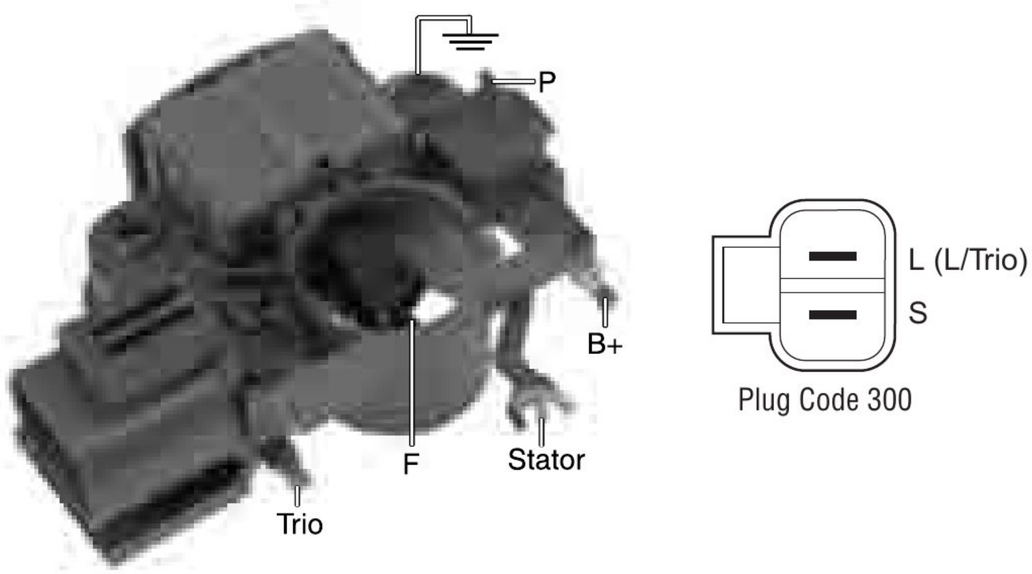
For: Mitsubishi IR/IF Alternators
Used On: (1997-89) Ford, Mazda, Mercury, Subaru
Replaces: Ford F02Z-10316-A, GRE-799;
Mazda F285-18-W70, N350-18-W70;
Mitsubishi A866X00179, 17972, 17982 (regulator stamped: 179)
Unit Nos: Mitsubishi A2T17574, A2T19991, A2T20091, A2T20191, A2T34477, A3T08891, A5T01577, A5T01977
Lester Nos: 13227, 13237, 13297, 13299, 13350, 13406, 13432
WAI Ref. Nos: 1-1143-01MI, 1-1145-01MI, 1-1160-01MI, 1-1164-01MI, 1-1177-01MI, 1-1428-01MI, 1-1875-01MI
Dim: 26mm ID Slip Ring Cover
Components:
38-8305 Brush
TRI268 Repair Circuit



IM278

(Ref# 35-8326)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1990-89) Nissan
Replaces: Mitsubishi A866X14570, 14572;
Nissan 23215-77A10 (regulator stamped: 145)
Unit Nos: Mitsubishi A5T00192
Lester Nos: 13251
WAI Ref. Nos: 1-1128-01MI
Dim: 26mm ID Slip Ring Cover
Components:
TRI278 Repair Circuit



IM279

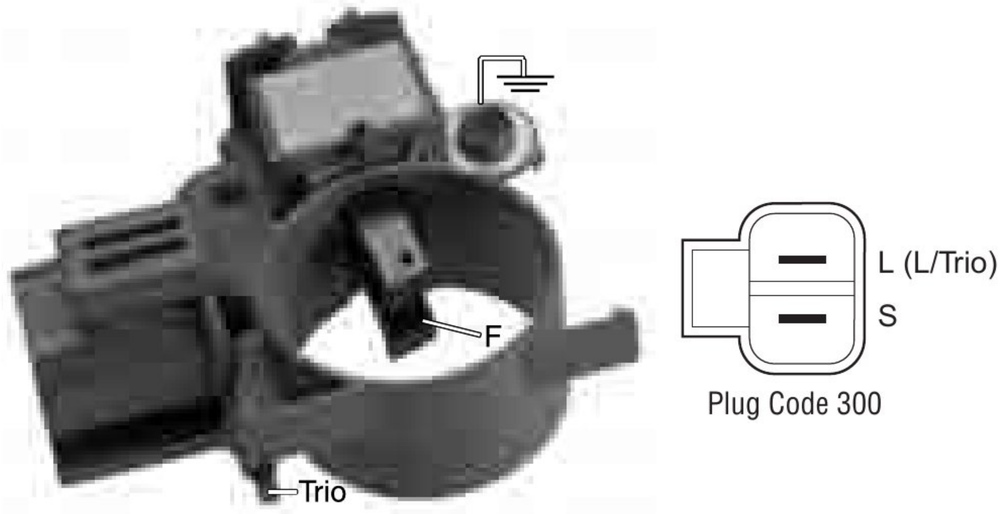
(Ref# 35-8327)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1993-90) Ford, Mazda, Mercury
Replaces: Ford F0BZ-10316-A, GRE-800;
Mazda B366-18-W70; Mitsubishi A866X17170, 17172 (regulator stamped: 171)
Unit Nos: Mitsubishi A5T00877, A5T00972, A5T01271, A5T02777
Lester Nos: 13295, 13314, 13350
WAI Ref. Nos: 1-1137-01MI, 1-1176-01MI, 1-1177-01MI
Dim: 26mm ID Slip Ring Cover
Components:
38-8305 Brush
TRI268 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)



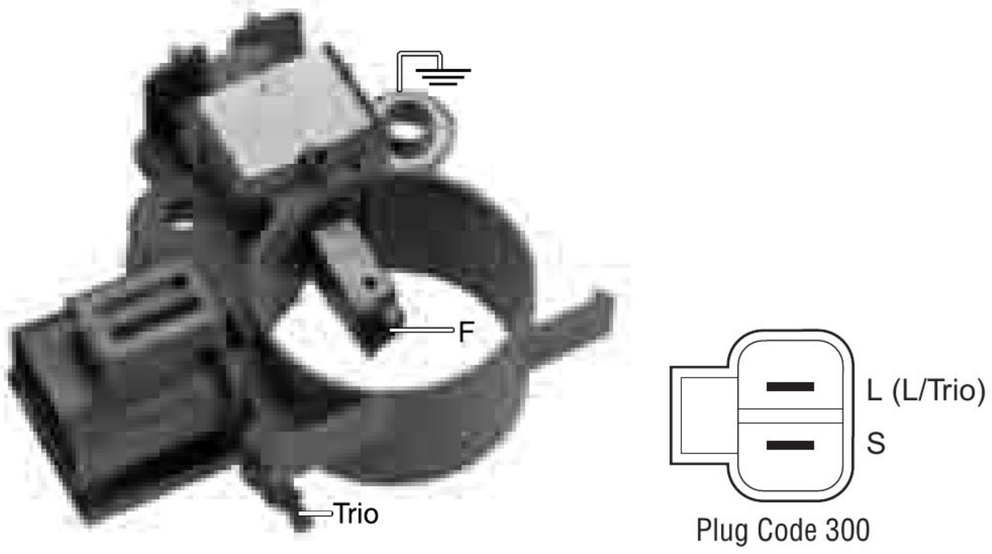
IM281

(Ref# 35-8355)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: Mitsubishi Diesel
Replaces: Mitsubishi A866X09171, Mitsubishi Motors MD611481
Unit Nos: Mitsubishi A2T01384, A2T01483, A2T01583, A2T01683, A2T01783, A2T02084, A2T06384, A2T09884, A2T10083, A2T14376, A2T14876, A2T27883, A2T49377
Dim: 39mm ID Slip Ring Cover
Note: Not interchangeable with IM282

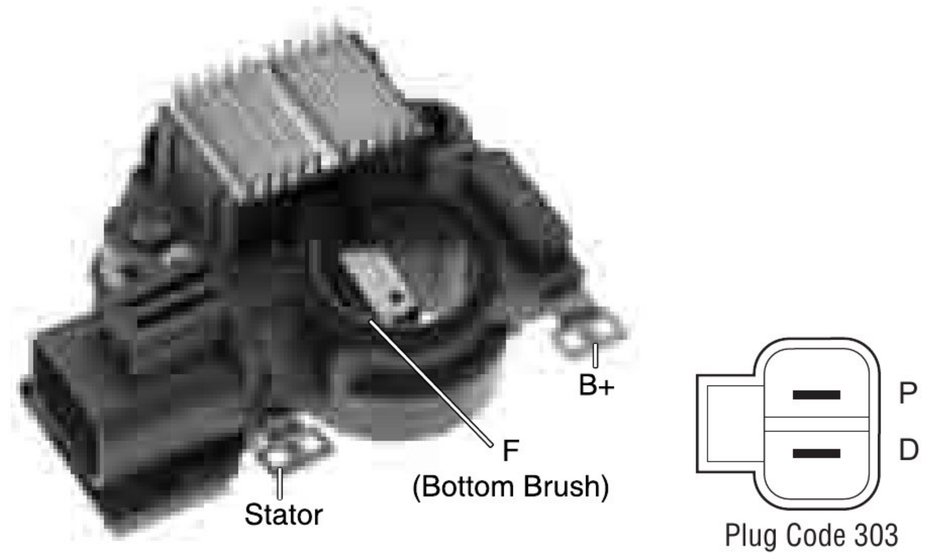


IM282

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: Mazda Capella, Mitsu Pajero (Diesel) (non-USA)
Replaces: Mazda RF71-18-W70, RF71-18-W70A; Mitsubishi Motors MD160671; Mitsubishi A866X12682
Unit Nos: Mazda RF71-18-300E, G, H; RF92-18-300A, C, D; S5A2-18-300B; Mitsubishi A3T01877, A, B; A3T04177, A3T04178, A3T04199, A3T05676
Dim: 39mm ID Slip Ring Cover
Note: Not interchangeable with IM281



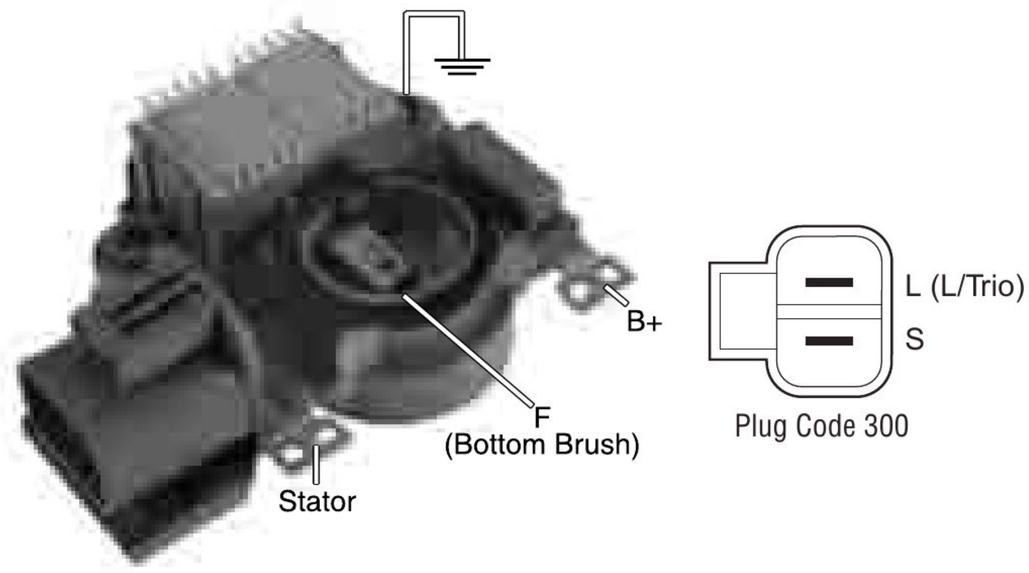
IM345

(Ref# 35-8347)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, D-P Terminals, 14.3 Vset

For: Mitsubishi ED/IF Alternators
Used On: (2001-97) Kia, Mazda
Replaces: Mitsubishi A866X35472
Unit Nos: Mazda Z599-18-300A, C; Z5A1-18-300; Mitsubishi A2TB0091, A2TB2391
Lester Nos: 13718
WAI Ref. Nos: 1-2061-01MI
Caution: IM345 is NOT a traditional regulator, but a field control unit that works with the vehicle's computer (PCM) to control the voltage and output. Traditional test methods will immediately damage D-P Type regulators. See VRC101-26 regulator test adapter.
Components:
TRI345 Repair Circuit

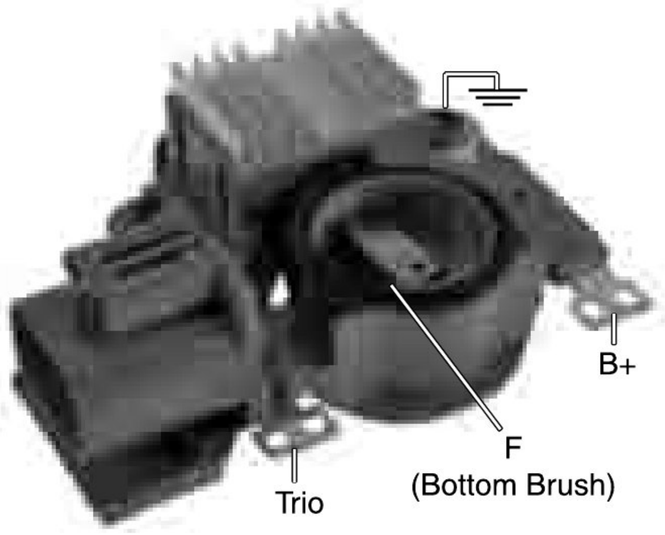


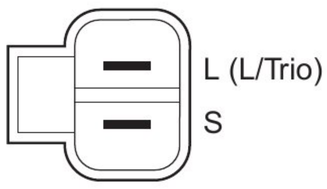
IM350

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1998-97) Subaru
Replaces: Subaru 23815-AA090 (regulator stamped 350)
Unit Nos: Mitsubishi A2TA7691; Subaru 23700-AA290
Lester Nos: 13752
WAI Ref. Nos: 1-2097-01MI
Dim: 24mm ID Slip Ring Cover
Note: With capacitor
Components:
TRI350 Repair Circuit
Features:
• Stator activated





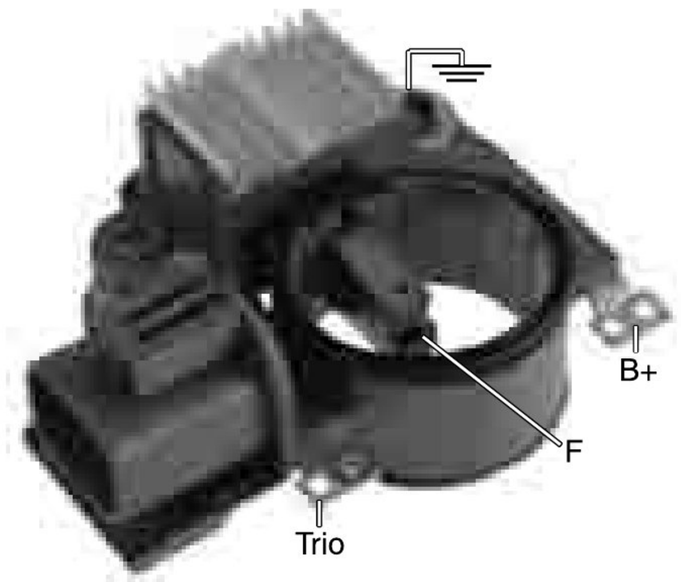
IM830

(Ref# 35-8333)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset, wo/ LRC

For: Mando, Mitsubishi IR/IF Alternators
Used On: (2001-91) Ford, Mazda, Mercury, Subaru
Replaces: Ford F1CZ-10316-A, F4BZ-10316-A;
Mando TA500C02001, TA500C04401;
Mazda B64J-18-W70, -W70A; JE48-18-W70, MJE48-18-W70;
Mitsubishi A866X20472, A866X20972, A866X22772
Unit Nos: Mando AB160044; Mitsubishi A2T33191, A2T33891, A2T33892, A2T33991, A2T35177, A2T36578, A2T38977, A2T39091, A2T39291, A2T39391, A2T80391, A2T83491, A2TA3991, A2TA5891, A3T07592, A3T08491, A3T08591, A5T03391, A5T03677, A5T03777
Lester Nos: 13227, 13350, 13432, 13445, 13446, 13460, 13479, 13511, 13523, 13559, 13574, 13614, 13650, 13698
WAI Ref. Nos: 1-1160-01MI, 1-1177-01MI, 1-1428-01MI, 1-1598-01MI, 1-1599-01MI, 1-1600-01MI, 1-1828-01MI, 1-1873-01MI, 1-1891-01MI, 1-1952-01MD, 1-1956-01MI, 1-1957-01MI, 1-2096-01MI
Dim: 24mm ID Slip Ring Cover
Components:
38-8307 Brush
TRI830 Repair Circuit

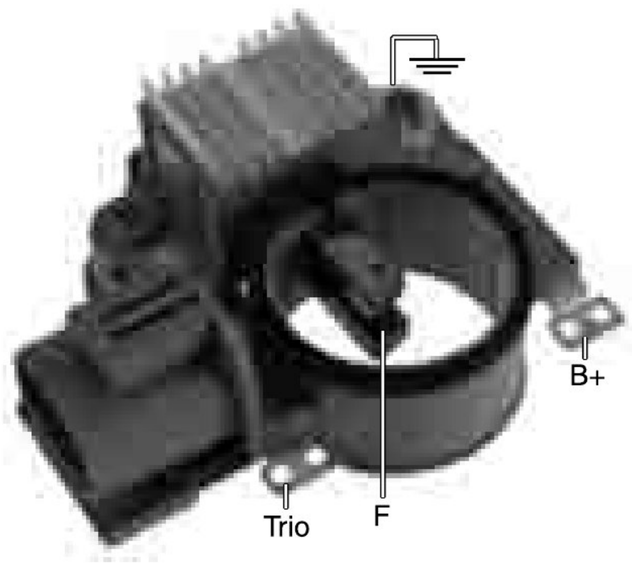


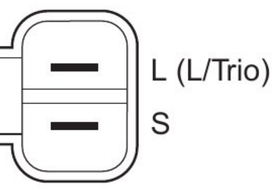
IM846

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, R (IGN)-L Terminals, 28.6 Vset

For: Mitsubishi IR/IF Alternators
Used On: Mitsubishi Fuso Canter Truck
Replaces: Mitsubishi A866X28372,
Mitsubishi Motors ME701399
Unit Nos: Mitsubishi A3T75883, A3TN5188, A3TN5288, A3TN5883; Mitsubishi Heavy Ind. 32B68-00200,
Mitsubishi Motors ME017615
Dim: 35mm ID Slip Ring Cover
Components:
TRI846 Repair Circuit



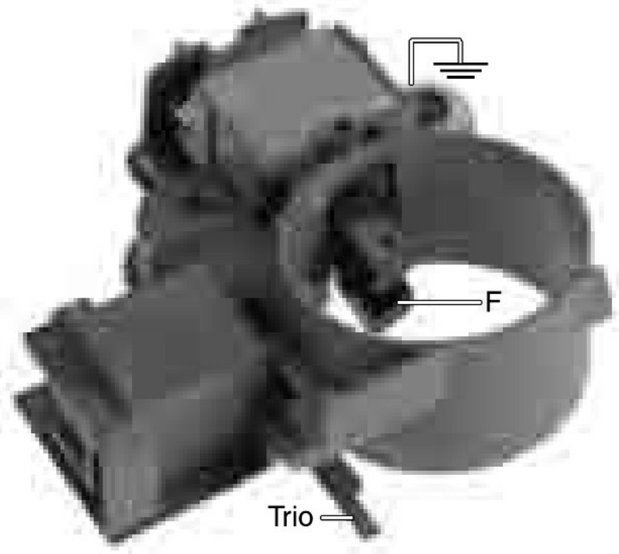


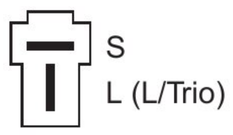
IM847

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators
Used On: Mitsubishi Fuso Canter Truck
Replaces: Mitsubishi Motors MD618735, MD619167;
Mitsubishi A866X25572
Unit Nos: Mitsubishi A2T37976, A2TN0076, A2TN0199, A2TN0299, A2TN0399, A2TN0499, A2TN0599, A3T11678, A3TN0078, A3TN0199, A3TN0299, A3TN0399, A3TN0499, A3TN0699; Mitsubishi Motors MD304129
WAI Ref. Nos: 1-2636-01MI
Dim: 35mm ID Slip Ring Cover





IM287

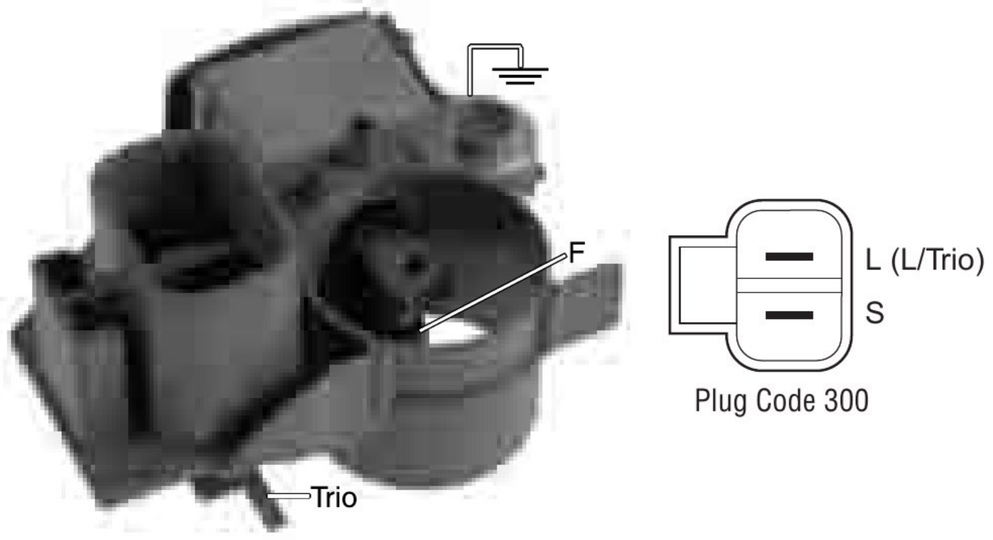
Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/EF Alternators
Used On: Mitsubishi (Diesel) (non-USA)
Replaces: Mitsubishi Motors MD611502;
Mitsubishi A866X09270, A866X09271
Unit Nos: Mitsubishi A2T01976, A2T49577;
Mitsubishi Motors MD099621, MD105606
Dim: 39mm ID Slip Ring Cover

MITSUBISHI

Internal Regulated (cont'd.)

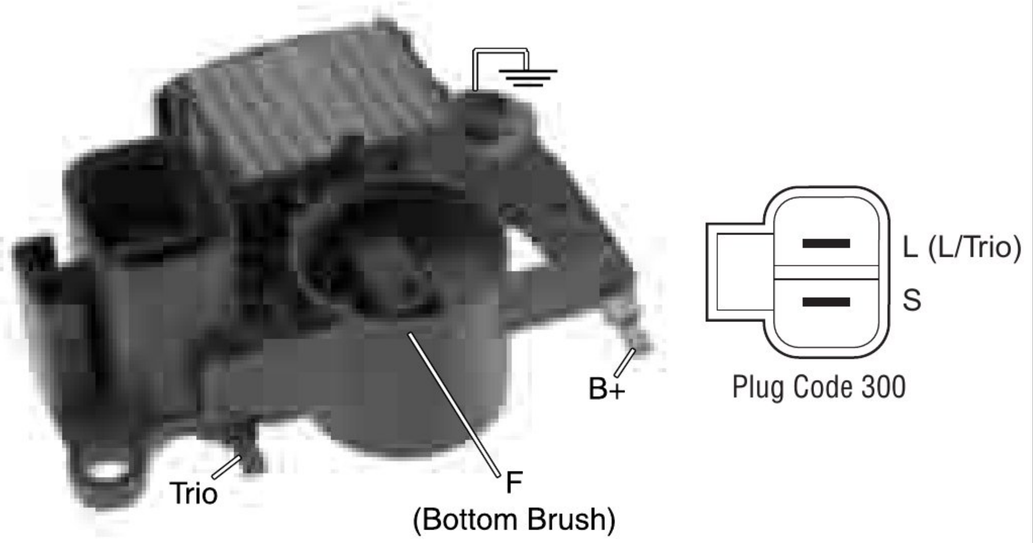


IM217-1
(Ref# 35-8302)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mando, Mitsubishi IR/IF Alternators
Used On: (1996-84) Dodge, Eagle, Hyundai, Mitsubishi, Nissan, Plymouth
Replaces: Mitsubishi A866X05270, 05272, 09070, 09071, 09072, 09770, 09771, 09780, 09782, 12472 (regulator stamped: 05270, 09770, 09780, 09782)
Unit Nos: Mando AB175015, AB175019, AB175020, AB190012; Mitsubishi A2T02271, A2T02471, A2T03471, A2T03477, A2T03972, A2T04271, A2T06871, A2T09392, A2T09493, A2T09691, A2T09792, A2T14792, A2T17692, A2T48176, A2T48176A, A2T48176B, A2T48195, A2T48195A, A2T48195B, A2T48691, A2T48791, A2T49972, A2T49977, A2T49992, A3T00692, A3T00792, A3T02193, A3T03392, A3T03393, A3T03471, A3T03492, A3T03493, A3T04292, A3T04493, A3T08293, A3T41876, A3T45693, A3T45694, A5T41094
Lester Nos: 13197, 13238, 13249, 13257, 13271, 13272, 13289, 13290, 13332, 13352, 13701, 14427, 14428, 14429, 14430, 14432, 14433, 14436, 14437, 14438, 14655, 14656, 14725
Dim: 26mm ID Slip Ring Cover
Components:
38-8300 Brush
TRI400S Repair Circuit

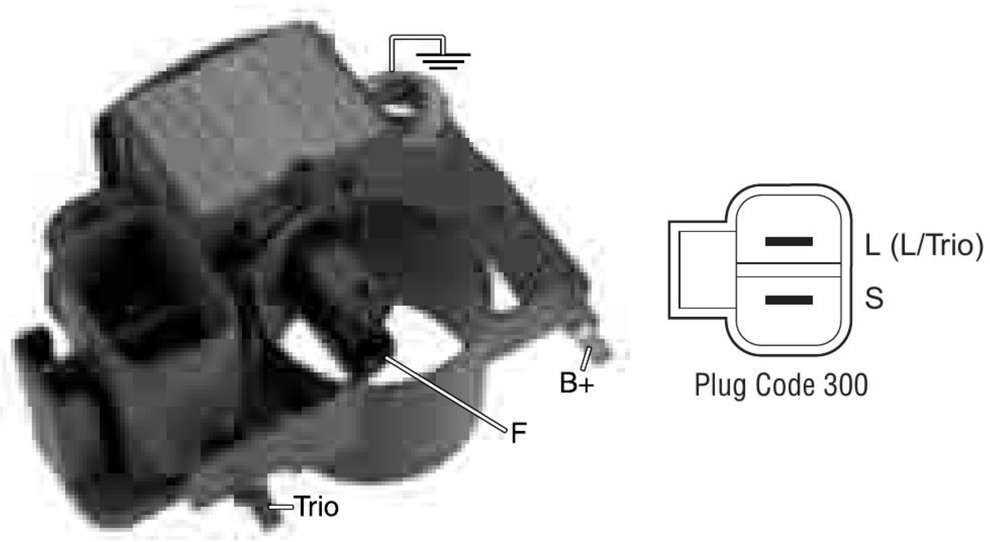
IM217HD-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

Same as IM217-1 except...
Features:
• Heavy Duty



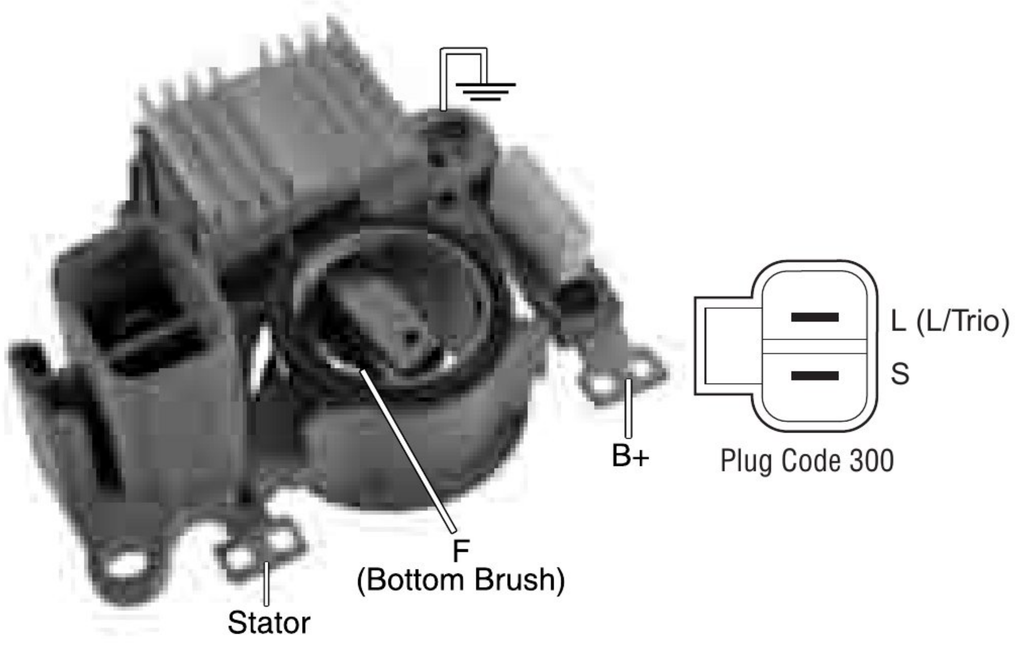
IM280
(Ref# 35-8324)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1998-89) Mazda
Replaces: Mazda JE15-18-W70A; Mitsubishi A866X17072 (regulator stamped: 170)
Unit Nos: Mitsubishi A2T13977, A2T18874, A2T19677, A2T19877, A5T00777
Lester Nos: 13231, 13253, 13282, 13337
WAI Ref. Nos: 1-1150-01MI, 1-1157-01MI, 1-1165-01MI
Dim: 26mm ID Slip Ring Cover
Note: Similar to IM285 except IM285 has 30mm ID slip ring cover.
Components:
TRI268 Repair Circuit



IM285
(Ref# 35-8330)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

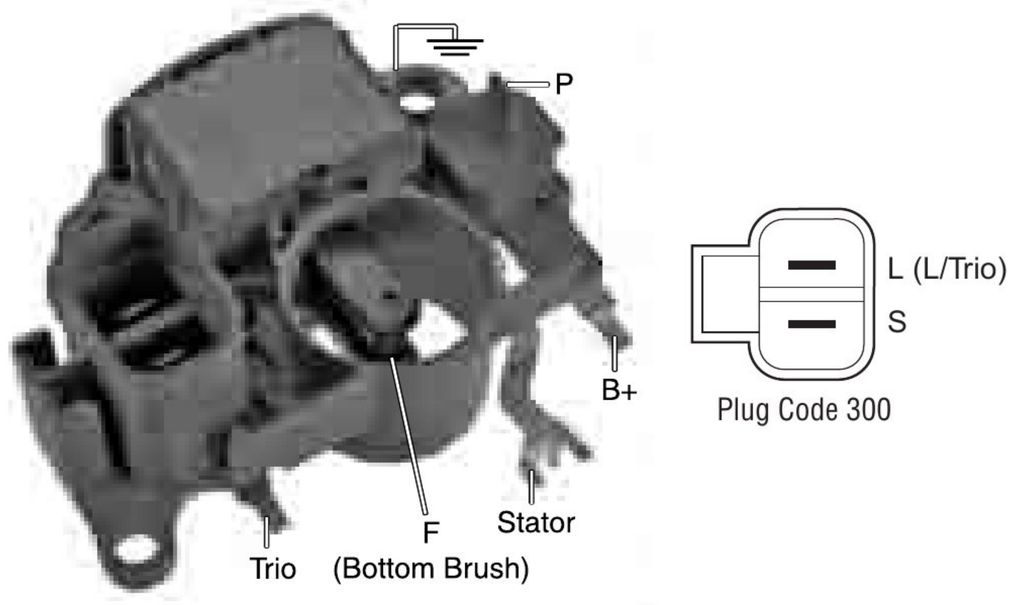
For: Mitsubishi IR/IF Alternators
Used On: (1995-91) Dodge, Mitsubishi
Replaces: Mitsubishi A866X11772, Mitsubishi Motors MD611743
Unit Nos: Mitsubishi A4T01493, A4T01793, A4T01893, A4T02991, A4T03091, A4T03191, A4T30593
Lester Nos: 13351, 13435, 13449, 13703
WAI Ref. Nos: 1-1595-01MI, 1-2430-01MI
Dim: 30mm ID Slip Ring Cover
Note: Similar to IM837 except IM837 has 26mm ID slip ring cover.



IM369

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2002-99) Mercury, Nissan
Replaces: (regulator stamped 369)
Unit Nos: Ford XF52-10300-AC, XF5Z-10346-AA; Mitsubishi A3TA5691; Nissan 23100-7B000
Lester Nos: 13821
WAI Ref. Nos: 1-2269-01MI
Dim: 24mm ID Slip Ring Cover
Features:
• Stator activated

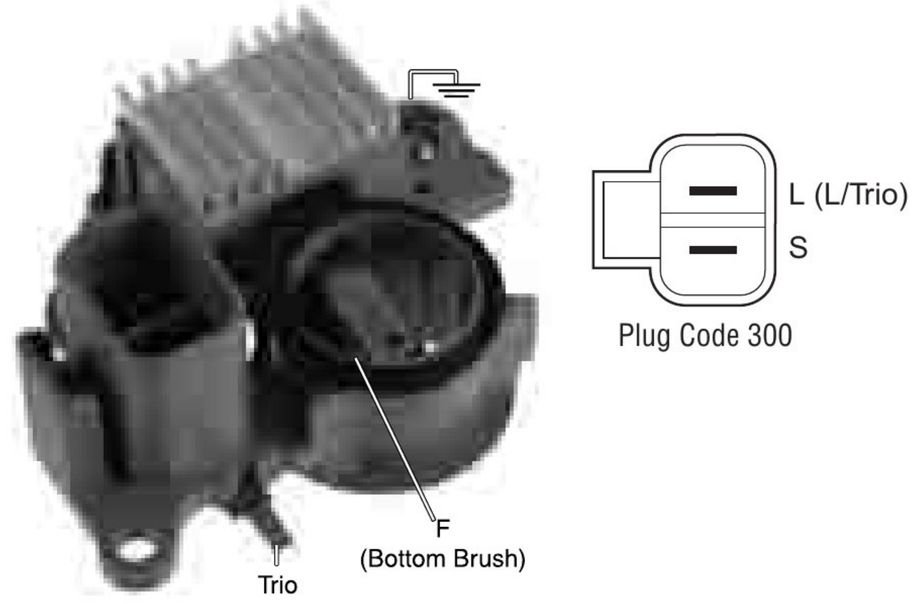


IM829

(Ref# 35-8332)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1993-90) Mazda
Replaces: Mazda F2G8-18-W70; Mitsubishi A866X18972 (regulator stamped: 189)
Unit Nos: Mitsubishi A5T02377
Lester Nos: 13211
WAI Ref. Nos: 1-1430-01MI
Dim: 26mm ID Slip Ring Cover
Components:
38-8305 Brush
TRI268 Repair Circuit



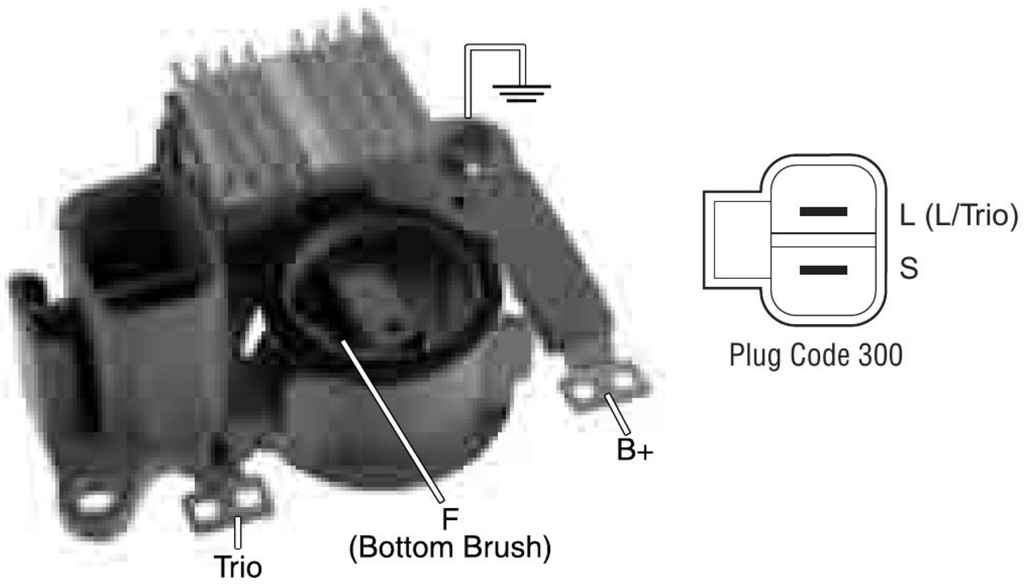
IM831

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1998-94) Hyundai; Mando Marine
Replaces: Mitsubishi A866T09780, A866T09782
Unit Nos: Hyundai 37300-33013, -33103; Mando AB175020, AB190025, AB190130, AB190374
Lester Nos: 13249, 13289
WAI Ref. Nos: 1-1227-01MD, 1-1434-01MD
Dim: 24mm ID Slip Ring Cover
Components:
TRI278 Repair Circuit

MITSUBISHI

Internal Regulated (cont'd.)



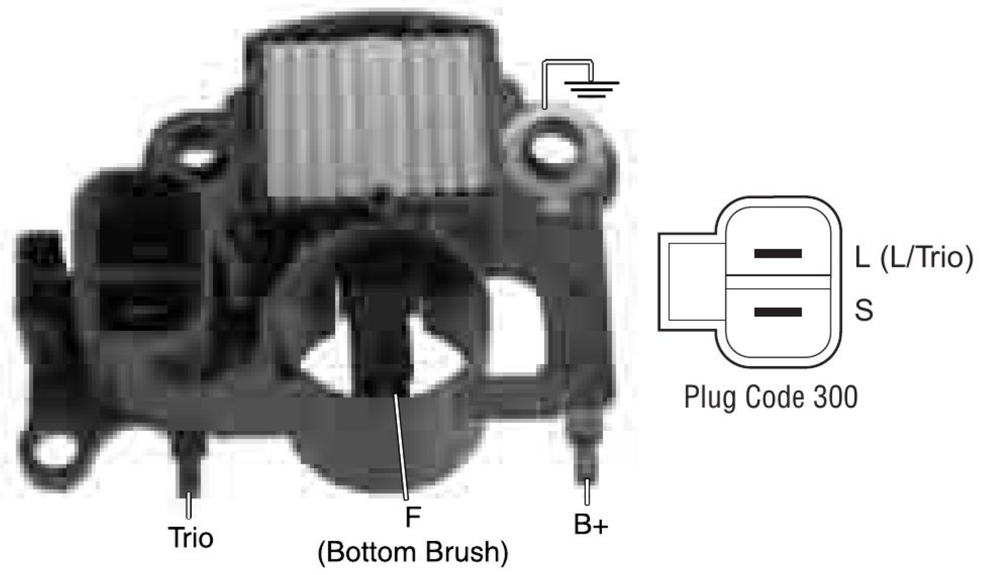
IM832

(Ref# 35-8336)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1998-92) Eagle, Mercury, Mitsubishi, Nissan, Plymouth; Nissan Forklift
Replaces: Ford F3XY-10316-A, GRE-808; Mitsubishi A866X23182, A866X25472; Mitsubishi Motors MD618696 (regulator stamped 231)
Unit Nos: Mitsubishi A2T38391, A2T80591, A2T81791, A2TA0991, A2TA3491, A3T11591, A3T13091, A3T13291, A3T14491, A3TA0791, A3TA1091, A3TA1191, A4T01192, A4T02591, A5T05091, A5T07592, A7T03371
Lester Nos: 12136, 13451, 13473, 13584, 13615, 13616, 13692, 13786
WAI Ref. Nos: 1-1601-01MI, 1-1829-01MI, 1-1955-01MI, 1-1958-01MI, 1-1959-01MI, 1-2062-01MI, 1-2147-01MI, 1-2147-01MI
Dim: 24mm ID Slip Ring Cover
Note: With loss of sense indication.
M832 is similar to IM222 except IM222 has different circuitry wo/ loss of sense indication.
Components:
38-8307 Brush
TRI271 Repair Circuit
Features:
• Trio excited



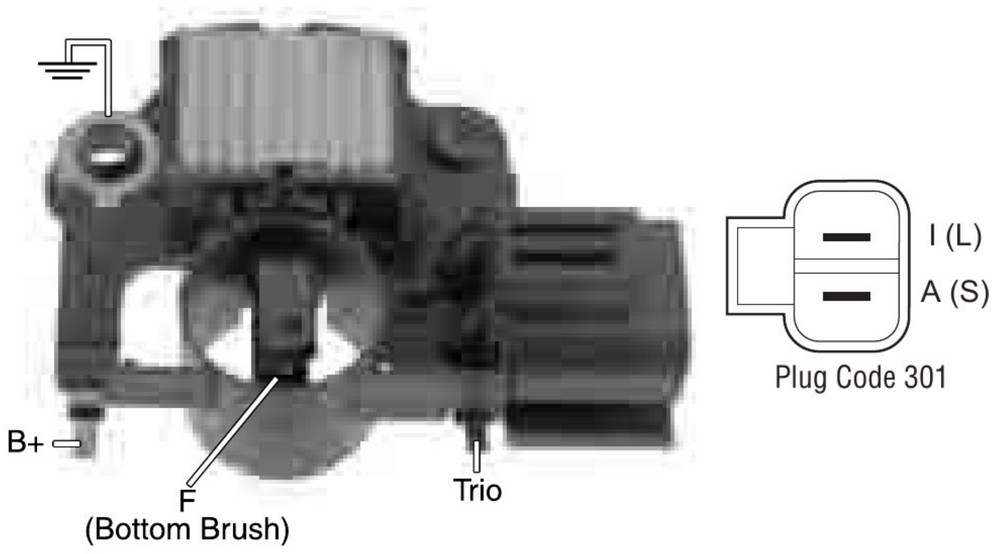
IM837

(Ref# 35-8334)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1994-91) Mercury Capri
Replaces: Ford F0JY-10316-A, GRE-805; Mitsubishi A866X21072 (regulator stamped: 210)
Unit Nos: Ford F0JY-10346-A, F2JY-10346-A; Mitsubishi A2T32899
Lester Nos: 13282
WAI Ref. Nos: 1-1150-02MI
Dim: 26mm ID Slip Ring Cover
Note: Similar to IM280 except IM280 has different circuitry. Similar to IM285 except IM285 has 30mm ID slip ring cover.
Components:
TRI271 Repair Circuit



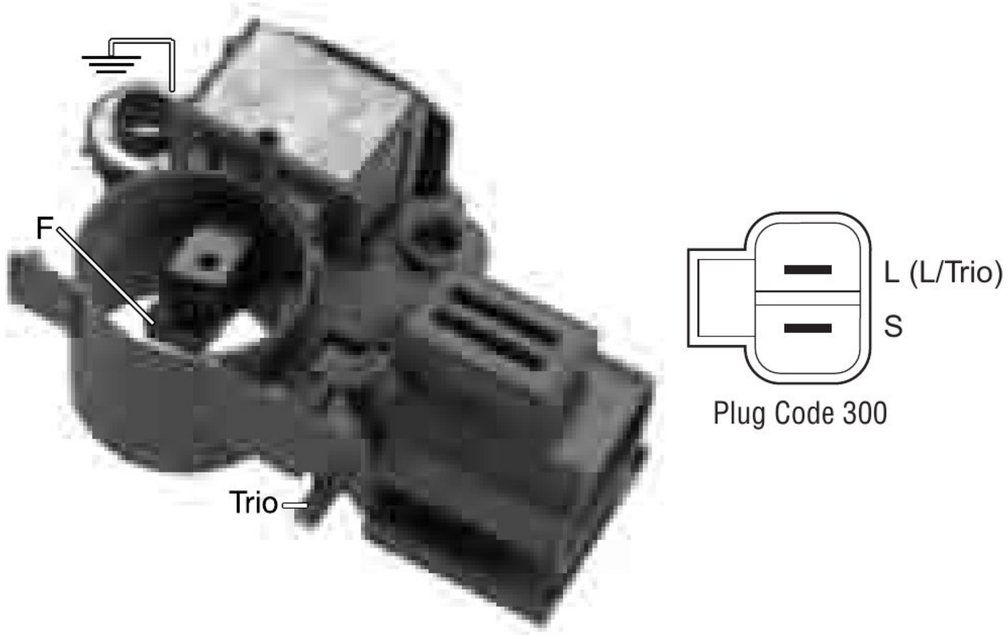
IM271

(Ref# 35-8318)

Regulator / Brush Holder Assy.

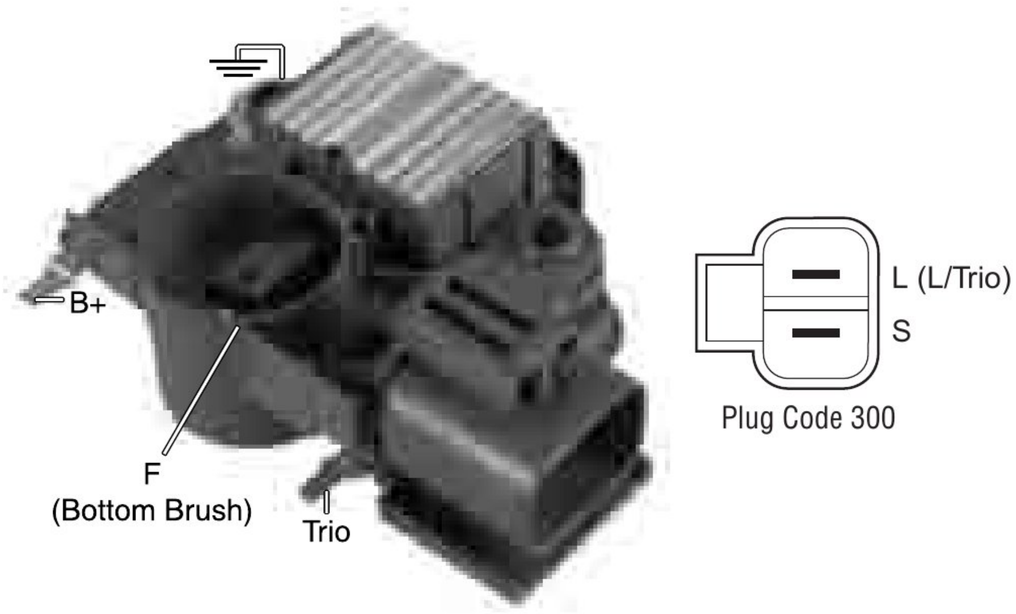
12 Volt, A-Circuit, A(S)-I(L) Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1994-89) Ford, Mercury
Replaces: Ford E9PZ-10316-A, F02Z-10316-B, GRE-796, GRE-804; Mitsubishi A866X15171, A866X17471 (regulator stamped: 151, 174)
Unit Nos: Mitsubishi A3T00491, A3T00896, A3T12691, A3T12792
Lester Nos: 13230, 13298
WAI Ref. Nos: 1-1175-01MI, 1-1183-01MI
Dim: 26mm ID Slip Ring Cover
Components:
TRI271 Repair Circuit



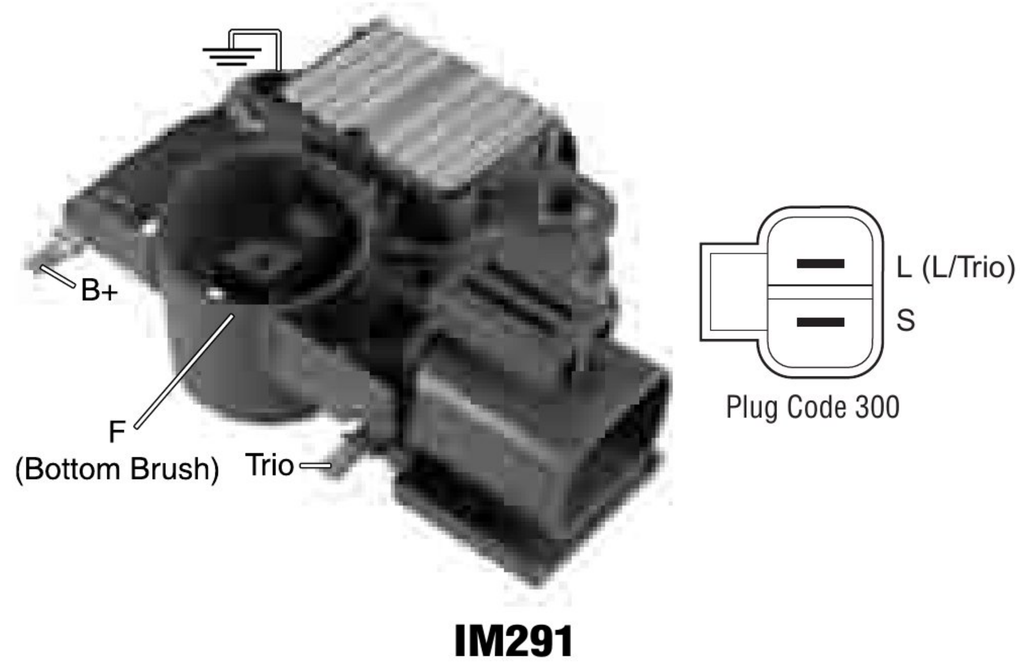
IM274
(Ref# 35-8320)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1988-86) Nissan
Replaces: Mitsubishi A866X08470, A866X08472; Nissan 23215-58S10 (regulator stamped: 08470)
Unit Nos: Mitsubishi A5T41592, B; Nissan 23100-53A10, -53A11, -63A10, -63A11
Lester Nos: 14718
WAI Ref. Nos: 1-1125-01MI
Dim: 26mm ID Slip Ring Cover
Components:
38-8300 Brush
TRI405 Repair Circuit



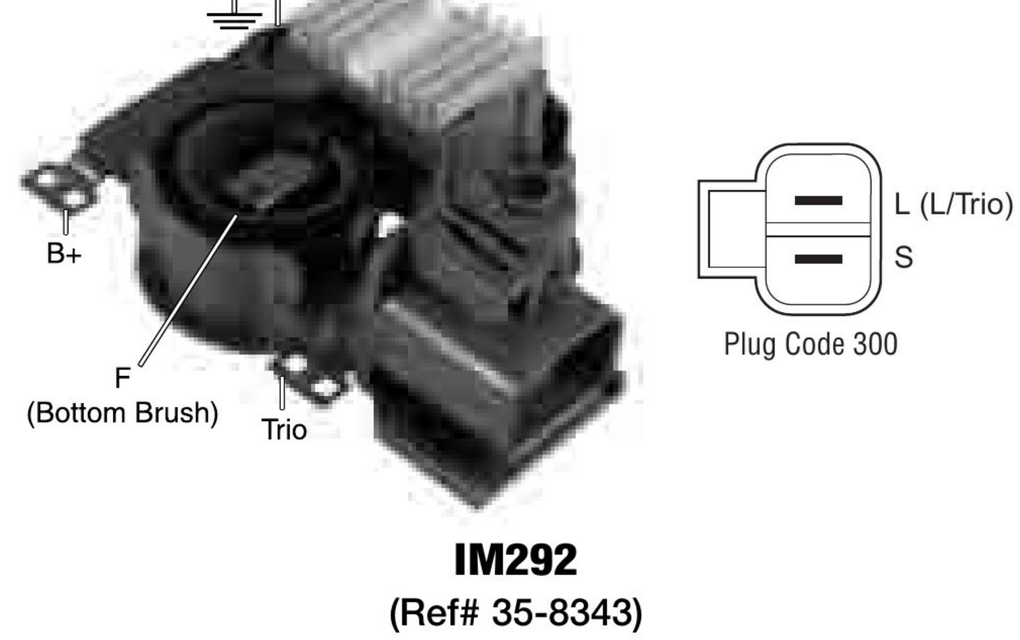
IM284
(Ref# 35-8329)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1993-90) Nissan
Replaces: Mitsubishi A866X13272, Nissan 23215-35F10 (regulator stamped: 132)
Unit Nos: Mitsubishi A2T14694, A2T18792, A3T05192
Lester Nos: 13286, 13293
WAI Ref. Nos: 1-1108-01MI, 1-1120-01MI, 1-2164-01MI
Dim: 26mm ID Slip Ring Cover
Note: Similar to IM291 except IM291 has different circuitry
Components:
38-8305 Brush



IM291
(Ref# 35-8338)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1993-92) Infiniti
Replaces: Mitsubishi A866X20782, 21482; Nissan 23215-64J12 (regulator stamped: 214)
Unit Nos: Mitsubishi A2T13894
Lester Nos: 13549
WAI Ref. Nos: 1-1427-01MI
Dim: 26mm ID Slip Ring Cover
Note: Similar to IM284 except IM284 has different circuitry.
Components:
TRI276 Repair Circuit

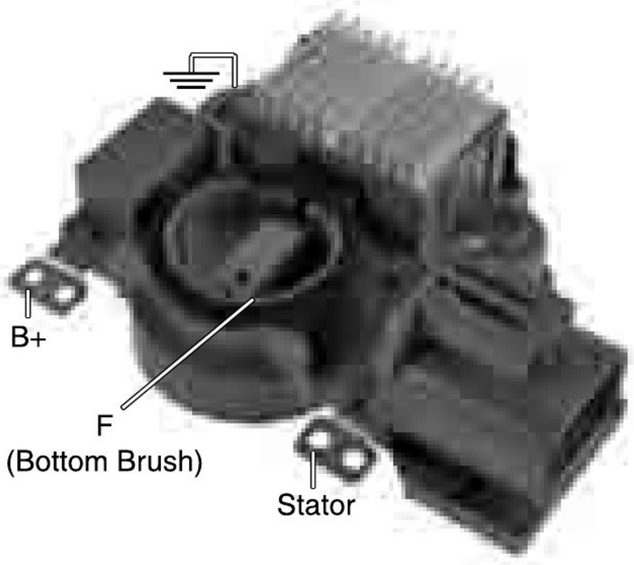


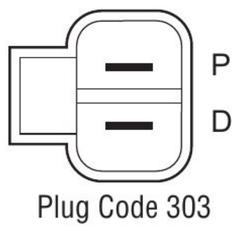
IM292
(Ref# 35-8343)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1999-93) Infiniti, Nissan
Replaces: Mitsubishi A866X22472, A866X23072 (regulator stamped: 224, 230); Nissan 23215-0P611, 23215-64J13
Unit Nos: Mitsubishi A2Q33593, A2T33493A; A2T33593, A, B; A2T35791; A2T82491, A,
Nissan 23100-0M810, -0P513, -0P515, -0P516
Lester Nos: 13478, 13723
WAI Ref. Nos: 1-1830-01MI, 1-2093-01MI
Dim: 24mm ID Slip Ring Cover
Components:
38-8307 Brush

MITSUBISHI

Internal Regulated (cont'd.)





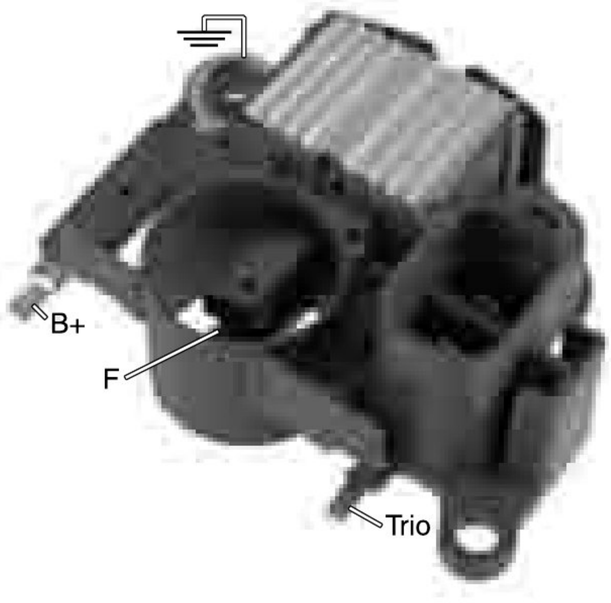
Plug Code 303

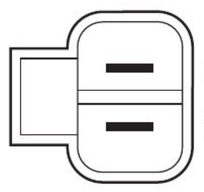
IM465

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, D-P Terminals, 14.4 Vset

For: Mitsubishi ED/IF Alternators
Used On: (2005-00) Mazda
Replaces: Mazda GY01-18-W70, GY01-18-W9XA, LF18-18-300; Mitsubishi A866X46572
Unit Nos: Mazda GY01-18-300E, Mitsubishi A3TB1081, A; A3TG0081
Lester Nos: 13883, 13996
WAI Ref. Nos: 1-2377-01MI
Dim: 24mm ID Slip Ring Cover
Caution: Avoid damage by using Transpo VRC101-26 test adapter.
Components:
TRI345 Repair Circuit
Features:
- Works with vehicle PCM
- Field controlled unit





Plug Code 300

IM276

(Ref# 35-8323)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1994-89) Subaru
Replaces: Mitsubishi A866X15770, 15772; Subaru 23815-KA030 (regulator stamped: 157)
Unit Nos: Mitsubishi A1T03391, A1T03791
Lester Nos: 13303, 13480
WAI Ref. Nos: 1-1255-01MI, 1-1256-01MI
Dim: 26mm ID Slip Ring Cover
Components:
TRI276 Repair Circuit

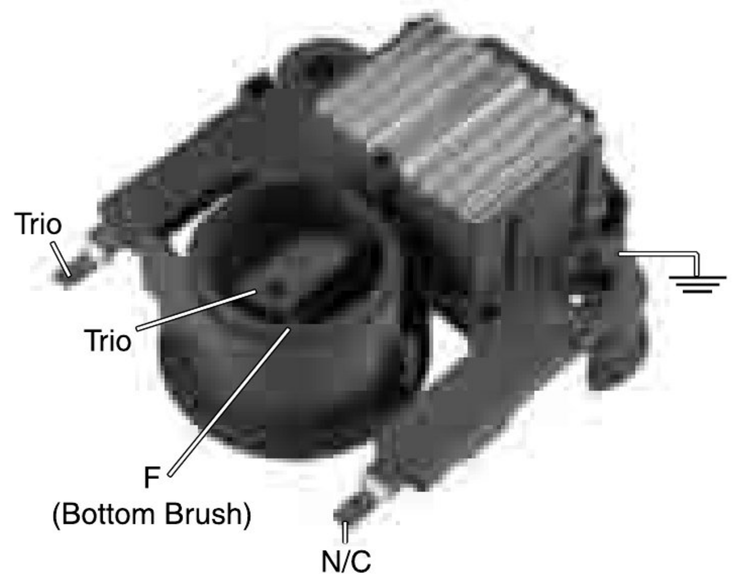


IM854

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.7 Vset

For: Mitsubishi IR/IF Alternators
Used On: Mitsubishi Canter, Pajero (non-USA)
Replaces: Mitsubishi A866X27572, Mitsubishi Motors ME701363 (regulator stamped 275)
Unit Nos: Mitsubishi A3T09198, A3T09199, A3T09698, A3T09699, A3T09799, A3TA3098, A3TA4298, A3TA6098
Dim: 24mm ID Slip Ring Cover



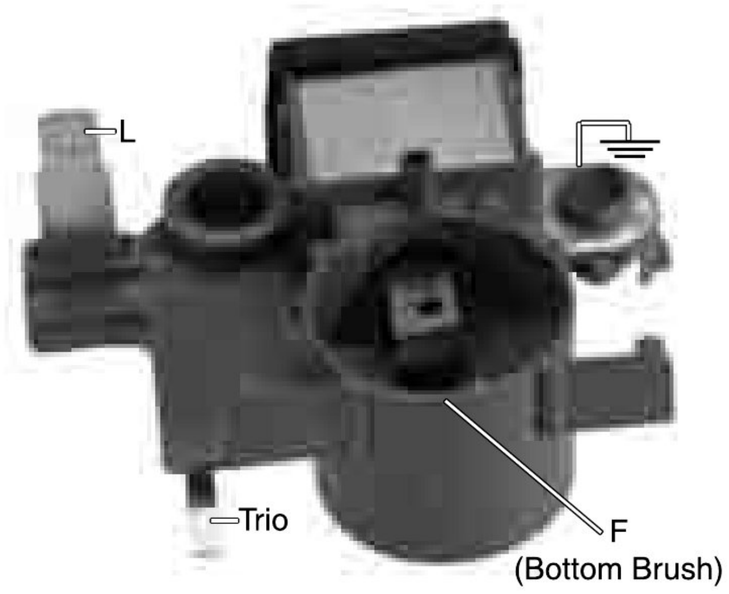
IM232

(Ref# 35-8353)

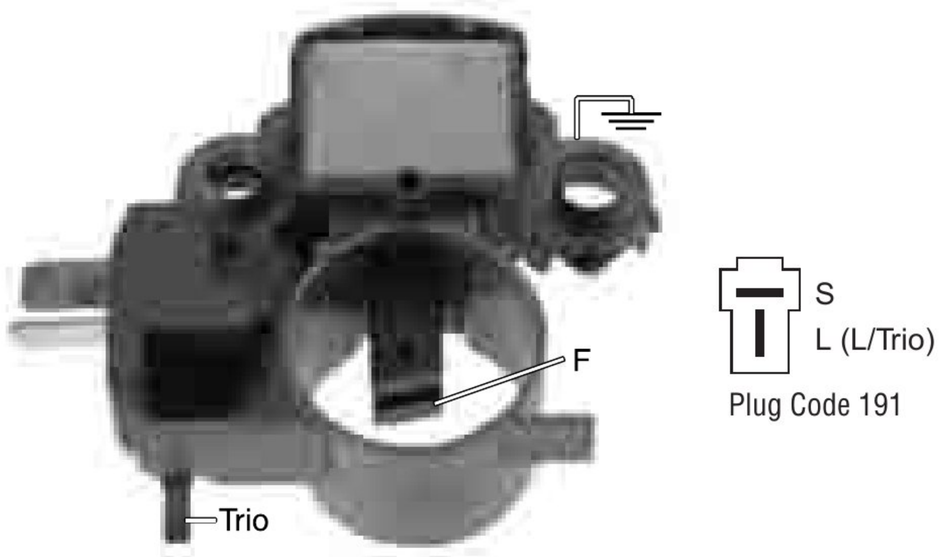
Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.3 Vset

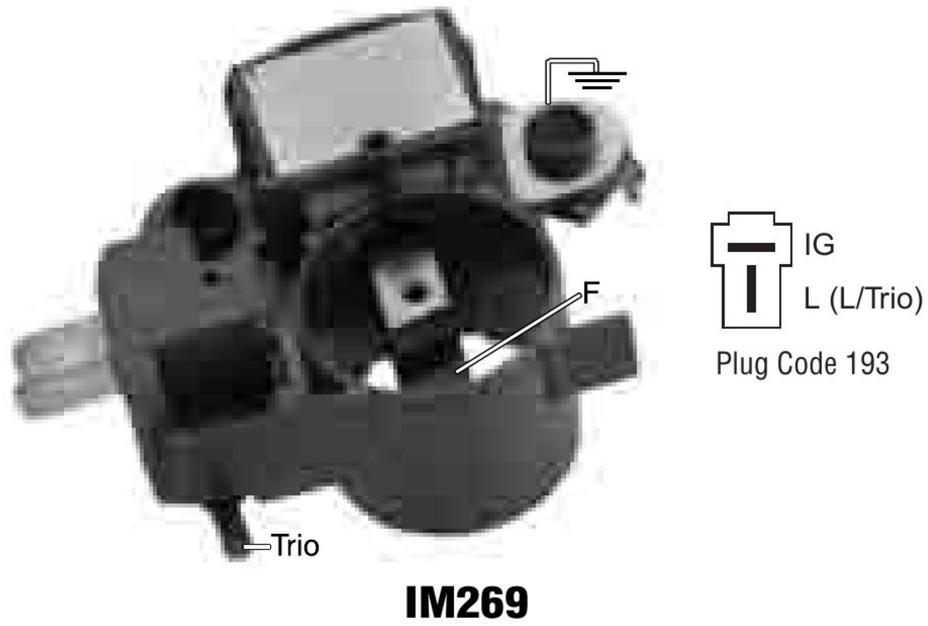
For: Mitsubishi IR/IF Alternators
Used On: Ford (Europe)
Replaces: Mitsubishi A866X23200
Unit Nos: Ford 92AB-10300-FA, -JA; Mitsubishi A2T14591, A2T14592, A2T28792, A2T32692
Dim: 24mm ID Slip Ring Cover
Components:
TRI232 Repair Circuit



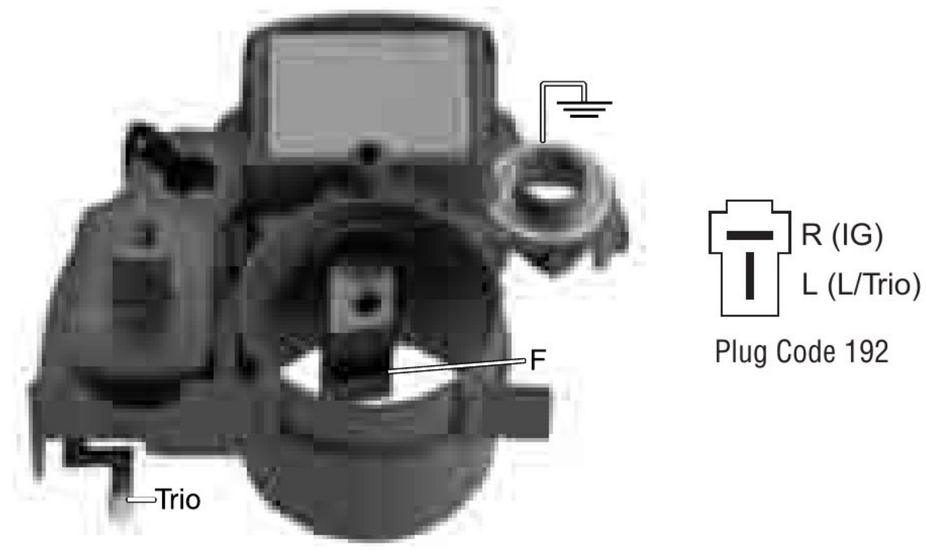
IM283
(Ref# 35-8352)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, L-Terminal, 14.5 Vset
For: Mitsubishi IR/EF Alternators
Used On: Ford (Europe)
Replaces: Mitsubishi A866X07470
Unit Nos: Mitsubishi A5T31772
Dim: 26mm ID Slip Ring Cover



IM261
(Ref# 35-8305)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-L Terminals, 14.5 Vset
For: Mitsubishi IR/IF Alternators
Used On: (1991-84) Nissan, Subaru
Replaces: Mitsubishi A866X06272, Nissan 23133-04F10 (regulator stamped: 06270)
Unit Nos: Mitsubishi A2T45272, A2T45272A, A3T01691, A3T03891
Lester Nos: 13263, 14657
WAI Ref. Nos: 1-1099-01MI, 1-1259-01MI
Dim: 26mm ID Slip Ring Cover
Components:
38-8300 Brush
TRI400S Repair Circuit



IM269
(Ref# 35-8314)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, R-L Terminals, 14.5 Vset
For: Mitsubishi IR/IF Alternators
Used On: (1988-87) Subaru
Replaces: Mitsubishi 14170, A866X06772, A866X14170, A866X14172; Subaru 23815-KA020, 49575-6404
Unit Nos: Mitsubishi A1T02592, A1T02595, A1T02952, A7T30492, A7T30674, A7T30692;
Subaru 23700-KA130, -KA140, -KA170, -KA190, -KA191; 42990-6400, -6500
Lester Nos: 13318, 14967
WAI Ref. Nos: 1-1254-01MI
Dim: 26mm ID Slip Ring Cover
Components:
TRI400R Repair Circuit

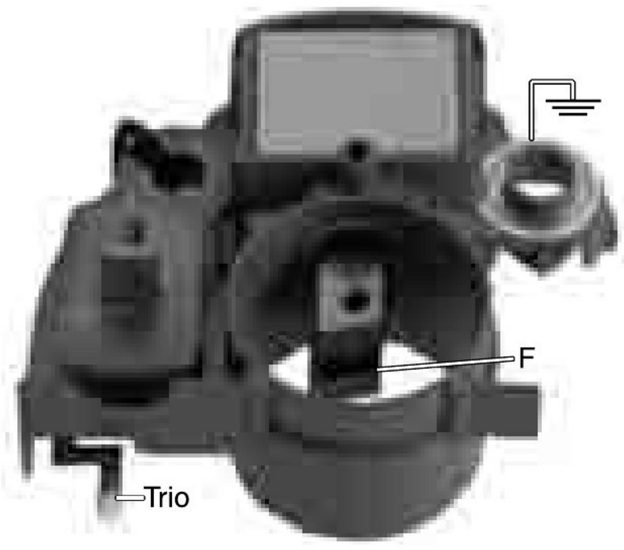


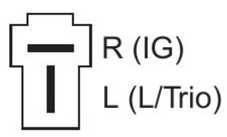
IM216-1
(Ref# 35-8301)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, R-L Terminals, 14.5 Vset
For: Mando, Mitsubishi IR/IF Alternators
Used On: (1989-84) Dodge, Ford, Hyundai, Mazda, Mitsubishi
Replaces: Ford E8GY-10316-A, GRE-789;
Mitsubishi A866X04870, 04872, 05470, 05471, 05472;
Mitsubishi Motors MD611032, MD611146
(regulator stamped: 04870, 05470)
Unit Nos: Mando AB155001, AR160A;
Mitsubishi A1T01991, A1T34672, A1T40391, A1T40491, A1T40791, A1T40891, A2T00991, A2T03072, A2T03691, A2T03792, A2T03892, A2T04474, A2T07577, A2T13571, A2T13571A, A2T17872, A2T41677, A2T41791, A2T41991, A2T42777, A2T43791, A2T43891, A2T43892, A2T44991, A2T47371, A2T47371A, A2T47474, A2T47974, A2T49891, A5T30574, A5T30871, A5T40374, A5T41474, A5T41477
Lester Nos: 13182, 13259, 13292, 14431, 14434, 14435, 14445, 14447, 14693, 14694, 14697, 14699, 14706, 14708, 14709, 14876, 14903, 14906, 14908, 14910, 14917, 14950
WAI Ref. Nos: 1-1135-01MI, 1-1141-01MI, 1-1149-01MI, 1-1162-01MI, 1-1173-01MI, 1-1186-01MI, 1-1188-01MI, 1-1193-01MD, 1-1193-01MI, 1-1194-01MI, 1-1195-01MI, 1-1198-01MI, 1-1205-01MI, 1-1217-01MI, 1-2162-01MI, 1-2342-01MI
Dim: 26mm ID Slip Ring Cover
Components:
38-8300 Brush
TRI400R Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)

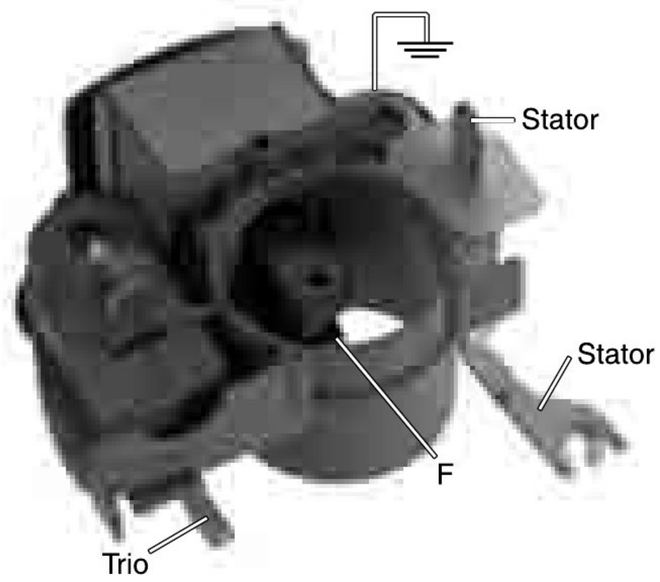




Plug Code 192

IM216HD-1
(Ref# 35-8301-1)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, R-L Terminals, 14.5 Vset

Same as IM216-1 except...
Features:
- Heavy Duty
- Field effect transistor
- Very low saturation voltage
- Superior loading performance

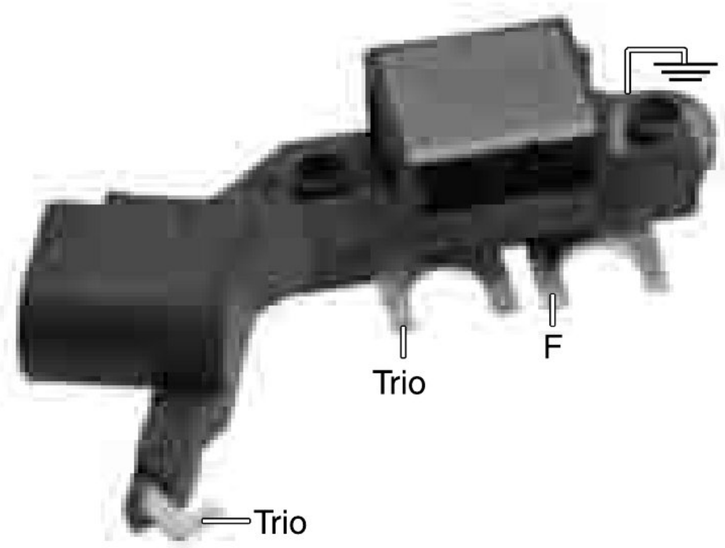




Plug Code 192

IM266
(Ref# 35-8311)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, R-L Terminals w/ P-Terminal
14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1989-86) Ford, Mazda
Replaces: Ford E7GZ-10316-A, GRE-788; Mazda FE65-18-W70; Mitsubishi A866X07572 (regulator stamped: 07570)
Unit Nos: Mitsubishi A5T16471, A5T30977, A5T31177, A5T31971, A5T31971A, A5T32571
Lester Nos: 14902, 14916, 14943
WAI Ref. Nos: 1-1153-01MI, 1-1171-01MI, 1-1172-01MI, 1-1944-01MI
Dim: 26mm ID Slip Ring Cover
Components:
38-8300 Brush
TRI400R Repair Circuit

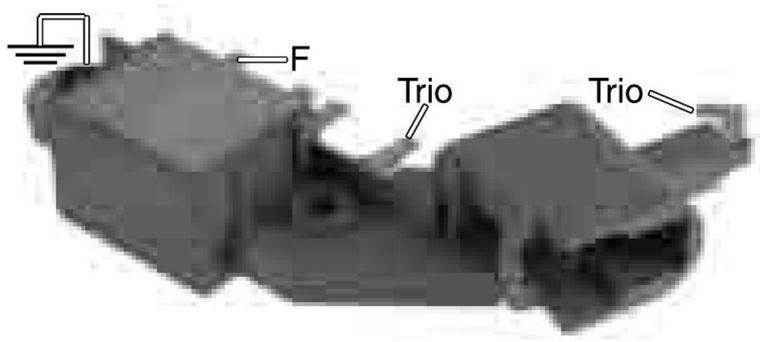


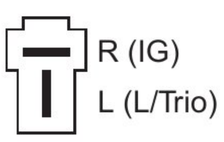


Plug Code 192

IM286
Regulator
24 Volt, A-Circuit, R-L Terminals, 28.7 Vset

For: Mitsubishi 24V Brushless IR/EF Alternators
Used On: Caterpillar
Replaces: Mitsubishi Motors ME700783, ME701196; Mitsubishi A866X08871, A866X19972
Unit Nos: Mitsubishi A4M75586, A4M75589, A4T58289, A4T58686, A4T58689, A4T58699, A4T58786, A4T58799, A4T58986, A4T58989, A4T58999, A4T59086, A4T59199, A4T59786, A4T59986, A4T59989, A4T60086, A4T60089, A4T66486, A4T66786, A4T75586, A4T75589, A6T55186, A6T55189;
Mitsubishi Motors ME057701, ME060076, ME077137, ME077138, ME077404, ME077574, ME087566, ME087567, ME087630, ME087643, ME090198, ME090592, ME091136, ME091535, ME093221, ME093222, ME093474, ME150001, ME150093, ME150142, ME150143, ME150650, ME150651, ME150963
Lester Nos: 12315, 12316

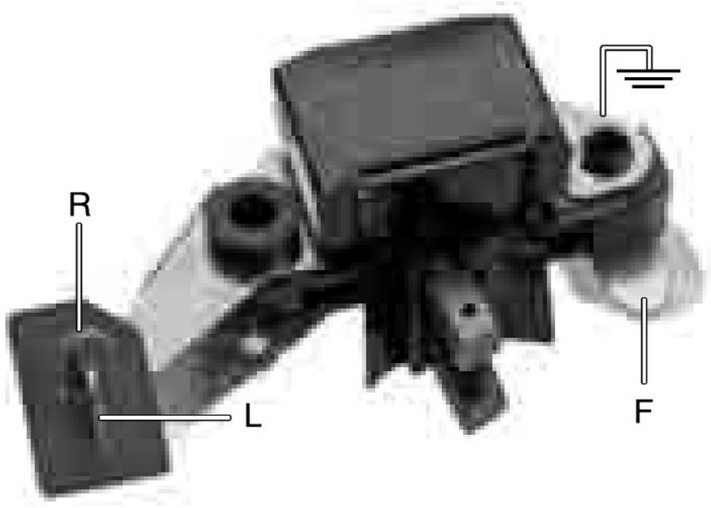


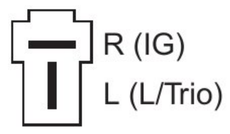


Plug Code 192

IM294
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, R-L Terminals, 14.6 Vset

For: Mitsubishi Brushless IR/EF Alternators
Used On: Mitsubishi-Fuso Trucks (Diesel)
Replaces: Mitsubishi Motors ME700799, ME701260; Mitsubishi A866X08971, A866X23972
Unit Nos: Mitsubishi A4T25599, A4T25699, A4T25788, A6T25188; Mitsubishi Motors ME015164, ME017599, ME077046, ME087651
Lester Nos: 12227, 12232
Components:
TRI400R Repair Circuit





Plug Code 192

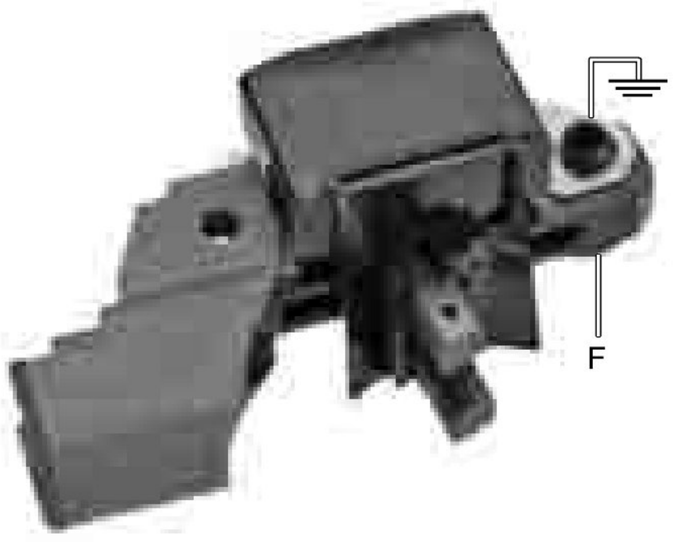
IM205-1

(Ref# 35-8304)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.6 Vset

For: Mitsubishi IR/EF Alternators
Used On: (1986-83) Dodge, Mitsubishi
Replaces: Mazda SE21-24-520; Mitsubishi A866T03070, A866T03470 (regulator stamped: 03070, 03470)
Unit Nos: Mitsubishi A1T32084, A2T43583, A5T15584, A5T20484, A5T22484
Lester Nos: 14690, 14692
WAI Ref. Nos: 1-1208-01MI
Components:
38-8304 Brush





Plug Code 192

IM208-1

(Ref# 35-8344)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.5 Vset

For: Mitsubishi IR/EF Alternators
Used On: Fuso Truck
Replaces: Mitsubishi A866T08570, Mitsubishi Motors ME700755 (regulator stamped: 08570)
Unit Nos: Mitsubishi A2T32386, A2T32583





Plug Code 192

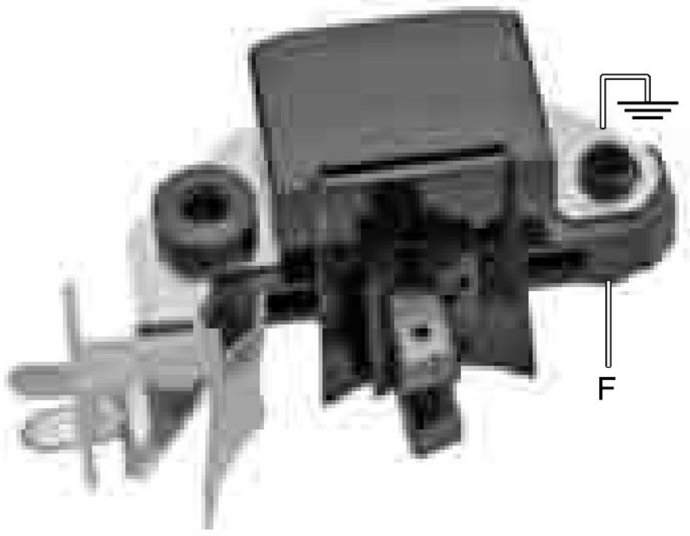
IM212-1

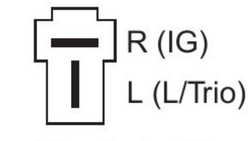
(Ref# 35-8359)

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, R-L Terminals, 28.6 Vset

For: Mitsubishi IR/EF Alternators
Used On: Caterpillar, Mitsubishi Fuso, Mitsubishi Lift Trucks
Replaces: Mitsubishi A866T06870, Mitsubishi Motors ME700635
Unit Nos: Mitsubishi A2T72186, A2T72483, A2T72986, A2T72987, A2T72999, A2T73387, A4T57789, A4T57986, A4T57987; Mitsubishi Heavy Industries 34468-25100
Lester Nos: 12308, 12314, 12317





Plug Code 192

IM207-1

(Ref# 35-8360)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.5 Vset

For: Mitsubishi IR/EF Alternators
Used On: Mitsubishi Fuso Trucks
Replaces: Mitsubishi A866T06570
Unit Nos: Mitsubishi A5T22578, A5T22583

MITSUBISHI

Internal Regulated (cont'd.)

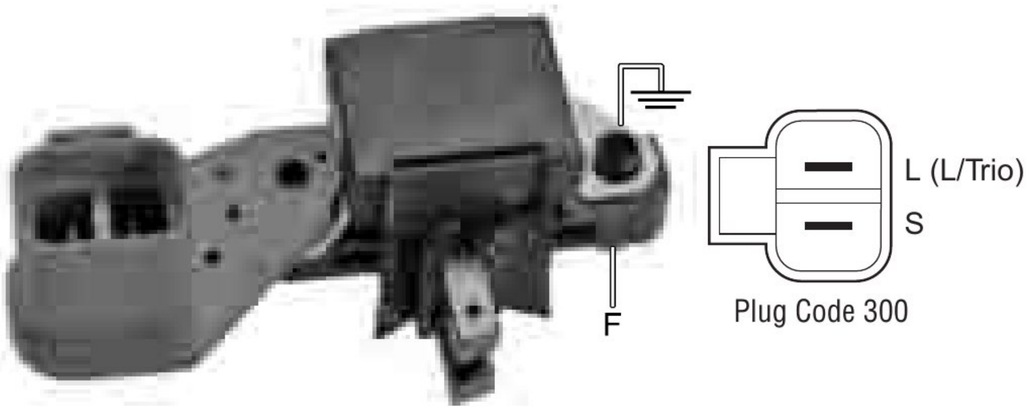


IM213-1

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, R-L Terminals, 28.6 Vset

For: Mitsubishi IR/EF Alternators
Used On: Mitsubishi Canter (Australia, UK)
Replaces: Mitsubishi Motors ME700571; Mitsubishi A866T06670
Unit Nos: Mitsubishi Motors ME007578, ME017560, ME017561, ME049165; Mitsubishi A5T70178, A5T70183, A5T70283, A5T70380, A5T70383

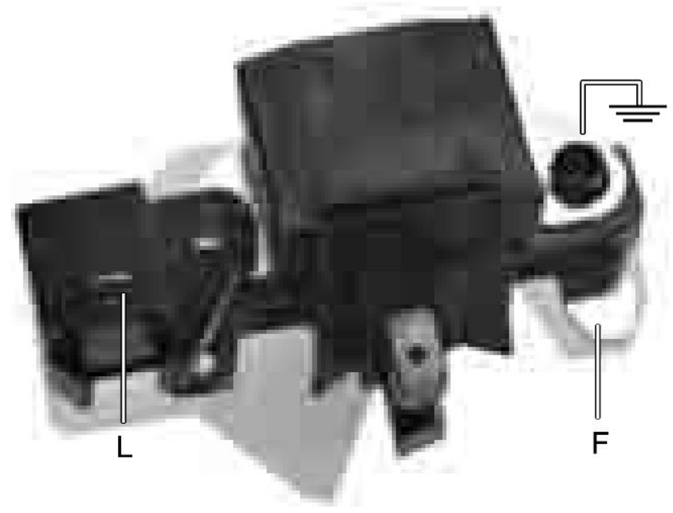


IM209

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi 60A IR/EF Alternators
Used On: Nissan Bluebird 2000 (Diesel)
Replaces: Mitsubishi A866X05870; Nissan 23125-05E16, 23215-05E16
Unit Nos: Mitsubishi A3T35278; A3T35299, A; Nissan 23100-05E17, -05E18, -05E70



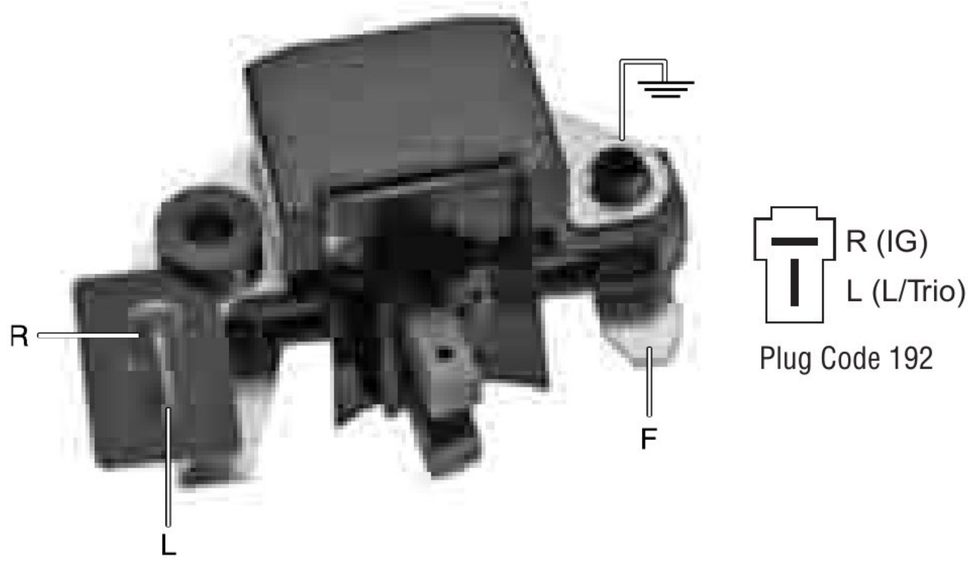
IM210

(Ref# 35-8345)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L-Terminal, 14.5 Vset

For: Mitsubishi IR/EF Alternators
Used On: (1991-89) Peugeot
Replaces: Mitsubishi A866T13370 (regulator stamped: 13370)
Unit Nos: Mitsubishi A3T03291, A3T03291B, A3T03298
Lester Nos: 13254, 13429
WAI Ref. Nos: 1-1326-01MI, 1-1326-02MI
Components:
38-8304 Brush



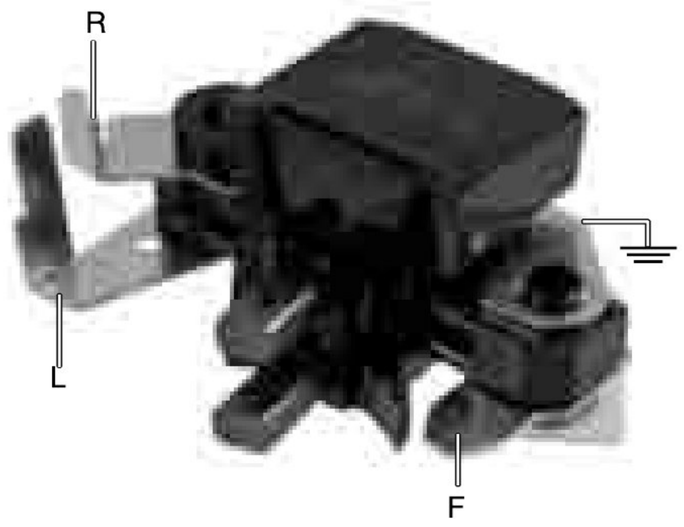
IM203-1

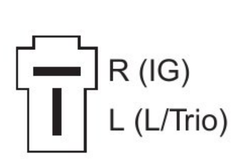
(Ref# 35-8358)

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, R-L Terminals, 27.5 Vset

For: Mitsubishi IR/EF Alternators
Used On: Mitsubishi Lift Trucks
Replaces: Mitsubishi A866T02070
Unit Nos: Mitsubishi A1T70783, Mitsubishi Heavy Industries 34468-26100
Lester Nos: 12309
Note: Similar to IM204, except IM204 is 12 volt version.





Plug Code 192

IM204-1

(Ref# 35-8300)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.6 Vset

For: Mitsubishi IR/EF Alternators
Used On: (1987-79) Chrysler, Dodge, Ford, Mazda, Mitsubishi, Plymouth
Replaces: Ford E27Z-10316-A, GRE-545;
Mazda 8173-24-520, N221-24-520;
Mitsubishi A866T00470, 00670, 01970, 02570, 02770, 03270, 04370; Mitsubishi Motors MD607372, MD60757 (regulator stamped: 00470, 00670, 01970, 02570, 02770, 03270, 04370)
Unit Nos: Mitsubishi A1T23377, 31371, 31374, 31377, 31699; A2T12371, 16371, 16371A, 16471, 16471A, 16871, 16874, 23171, 23271, 23277, 23471, 23474, 23477, 24771, 25071, 25171, 25271, 26072, 26172, 31677, 40377, 41191, 41371, 41377, 46172; A3T21278, 21371, 32772, 32877, 34572, 34672, 34677; A4T25172, 25191, 25199, 30399; A5T15171, 15371, 15471, 20374, 20377, 20571, 21071, 21077, 21471, 23277; AQ2240K1, 2245G1, 2245K1, 2250G1, 2250G7, 2250K1
Lester Nos: 14267, 14268, 14307, 14533, 14550, 14557, 14571, 14596, 14597, 14598, 14600, 14646, 14650, 14696, 14698, 14701, 14702, 14704
WAI Ref. Nos: 1-1138-01MI, 1-1139-01MI, 1-1152-01MI, 1-1159-01MI, 1-1185-01MI, 1-1204-01MI, 1-1209-01MI, 1-1210-01MI, 1-1222-01MI, 1-1223-01MI, 1-1499-01MI, 1-1578-01MI
Components:
38-8304 Brush
Features:
- Self activating circuit
- Superior loading

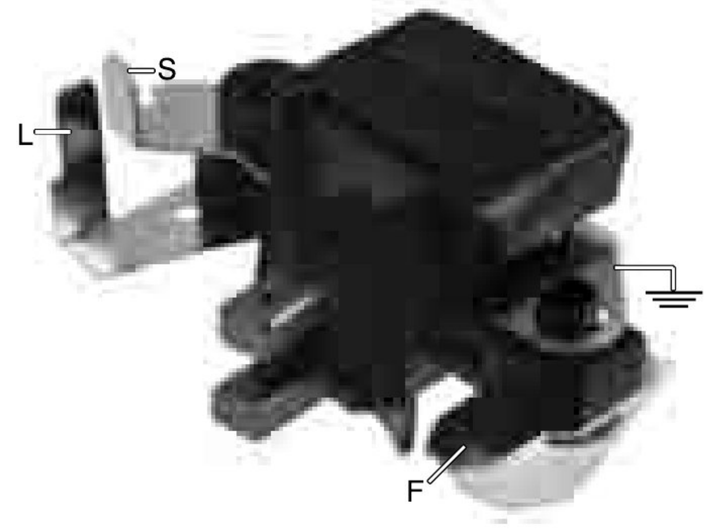
IM204HD-1

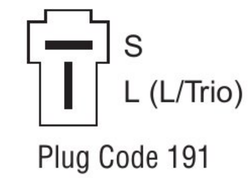
(Ref# 35-8300-1)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.6 Vset

Same as IM204-1 except...
Features:
- Heavy Duty
- Anti-Feedback Diode
- Self activating circuit
- Superior loading
- Larger heat sink for better heat transfer





Plug Code 191

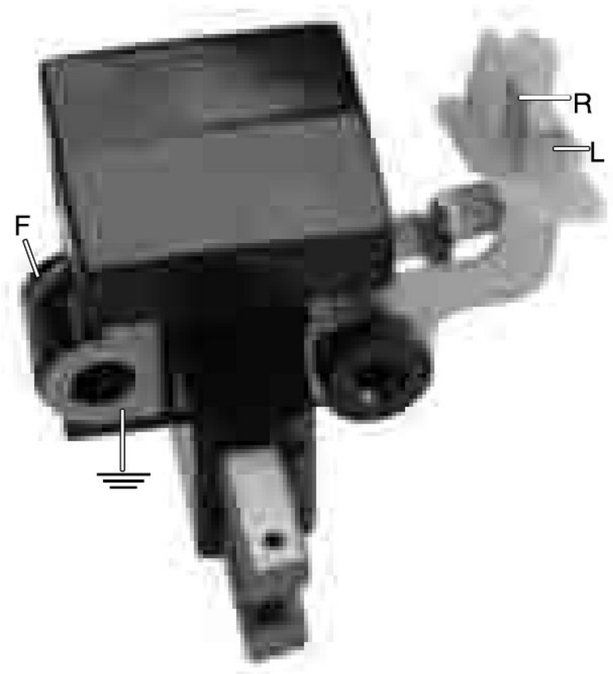
IM225

(Ref# 35-8306)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/EF Alternators
Used On: (1986-78) Nissan
Replaces: Mitsubishi A866T00870, A866T02970;
Nissan 23215-P3017, 23215-W7110
(regulator stamped: 00870, 02970)
Unit Nos: Mitsubishi A1T22971, A2T24971, A2T40971, A3T33772, A3T40672, A5T20972
Lester Nos: 14231, 14982
WAI Ref. Nos: 1-1097-01MI, 1-1112-01MI
Components:
38-8304 Brush



IM206

(Ref# 35-8307)

Regulator / Brush Holder Assy.

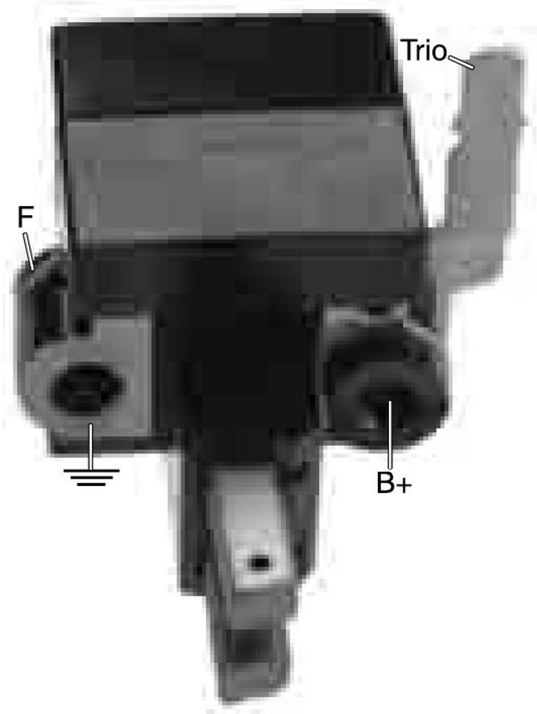
12 Volt, A-Circuit, R-L Terminals, 14.4 Vset

For: Mitsubishi IR/EF Alternators
Used On: Mitsubishi (non-USA)
Replaces: Mitsubishi Motors MD607500;
Mitsubishi A866X01671
Unit Nos: Mitsubishi A2T24884, A3T21584;
Mitsubishi Motors MD050190

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)

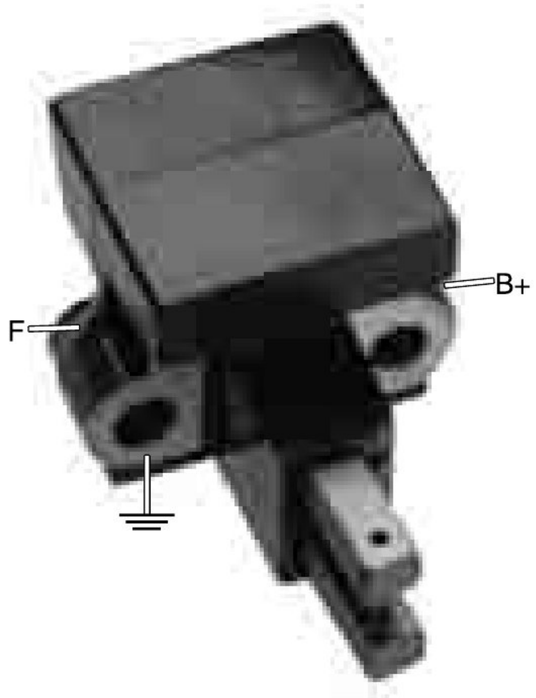


IM214

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, 28.5 Vset

For: Mitsubishi IR/EF Alternators
Used On: Mazda Trucks (Diesel)
Replaces: Mazda SE01-24-520; Mitsubishi A866X02370
Unit Nos: Mazda SE01-18-300, C, D;
Mitsubishi A1T70379, A2T70879



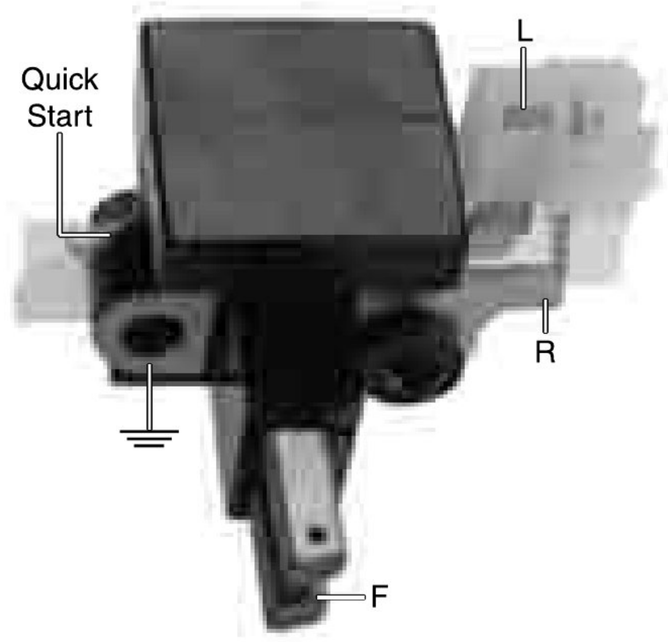
IM215

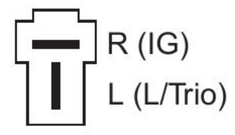
(Ref# 35-8328)

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, 28.5 Vset

For: Mitsubishi IR/EF Alternators
Used On: Fuso Truck
Replaces: Mitsubishi A866X01070,
Mitsubishi Motors ME700091 (regulator stamped: 01070)
Unit Nos: Mitsubishi A2T70772, A2T70774, A2T71183,
A2T71683
Components:
38-8306 Brush





Plug Code 192

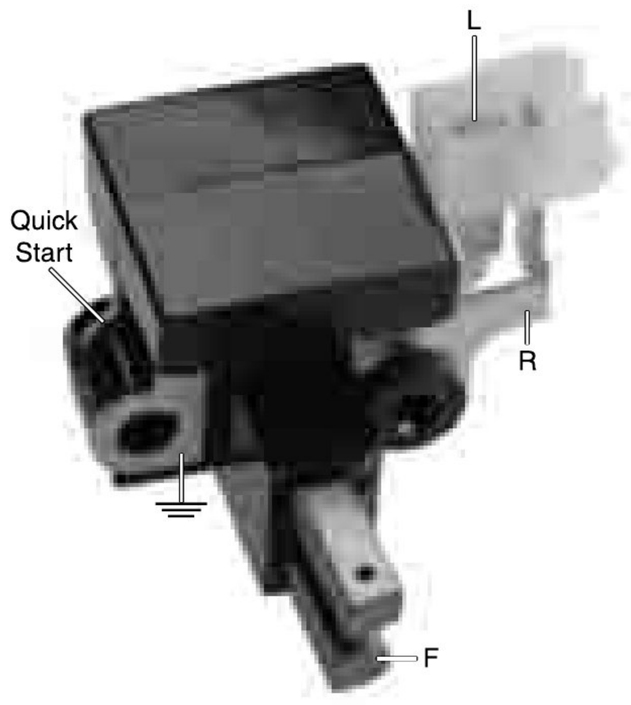
IM224

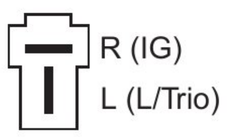
(Ref# 35-8303)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.4 Vset

For: Mitsubishi IR/EF Alternators
Used On: (1984-82) Mazda (Diesel)
Replaces: Mazda 8599-24-520, Mitsubishi A866X02170 (regulator stamped: 02170)
Unit Nos: Mitsubishi A1T23479, A1T32779, A2T25479
Lester Nos: 14601, 14705
WAI Ref. Nos: 1-1155-01MI
Components:
38-8306 Brush





Plug Code 192

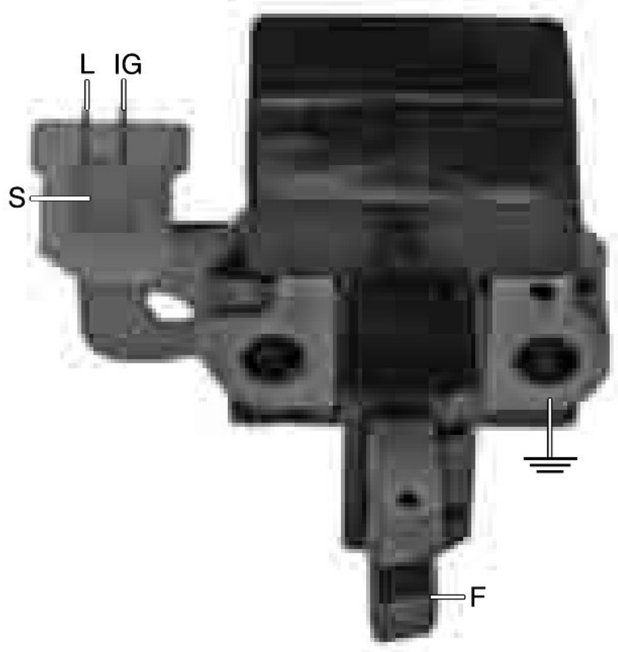
IM226

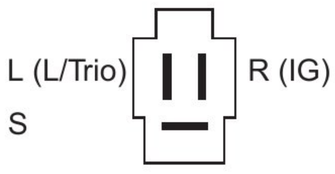
(Ref# 35-8357)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.4 Vset

For: Mitsubishi IR/EF Alternators
Used On: Mazda Diesel
Replaces: Mazda S501-24-520, Mitsubishi A866X02470
Unit Nos: Mazda S202-18-300A, S509-18-300C;
Mitsubishi A1T23579, A1T31179, A1T31579, A2T25679
Lester Nos: 14601, 14705
WAI Ref. Nos: 1-1155-01MI





Plug Code 221

IM227

(Ref# 35-8356)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-IG-L Terminals, 14.4 Vset

For: Mitsubishi IR/EF Alternators
Used On: Nissan Diesel
Replaces: Mitsubishi A866T01871, Nissan 23215-W1710
Unit Nos: Mitsubishi A2T25377, A2T25378, A2T25578, A2T25584, A2T25598, A3T32977, A3T32989, A3T33678, A3T33684, A3T33698, A3T33698

MOTOROLA

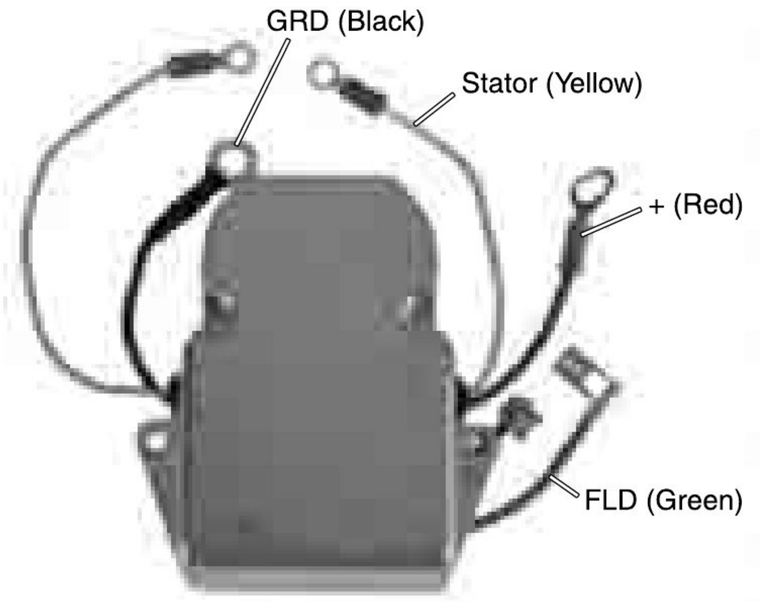


M5-251

Regulator

24 Volt, A-Circuit, 26.5 Vset

For: Motorola / Prestolite 8SC Series Alternators
Replaces: Motorola / Prestolite 8RL3013, A; 105-251, -383,
Unit Nos: Motorola / Prestolite 8SC3017V, 8SC3018V, 8SC3021V, 8SC3022V, 8SC3110V; 110-306, -308, -568
Features:
- Ignition activated
- Accommodates 5-amp rotor
- Externally adjustable voltage set



M5-224A

Regulator

12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Prestolite 8LHA, 8SA Alternators
Replaces: Motorola / Prestolite 8RG2023, 8RG2023A, 105-224
Unit Nos: Motorola / Prestolite 8HC2021K, 8LHA2022, 8LHA2022R, 8SA2022R; 110-250, -267
Lester Nos: 8055
Terminal ID: Plug-Type K-3 & L; Wiring Code 10
Red Positive (+), Black Ground, Green Field, Yellow Stator
Features:
- Adjustable voltage



M5-237A

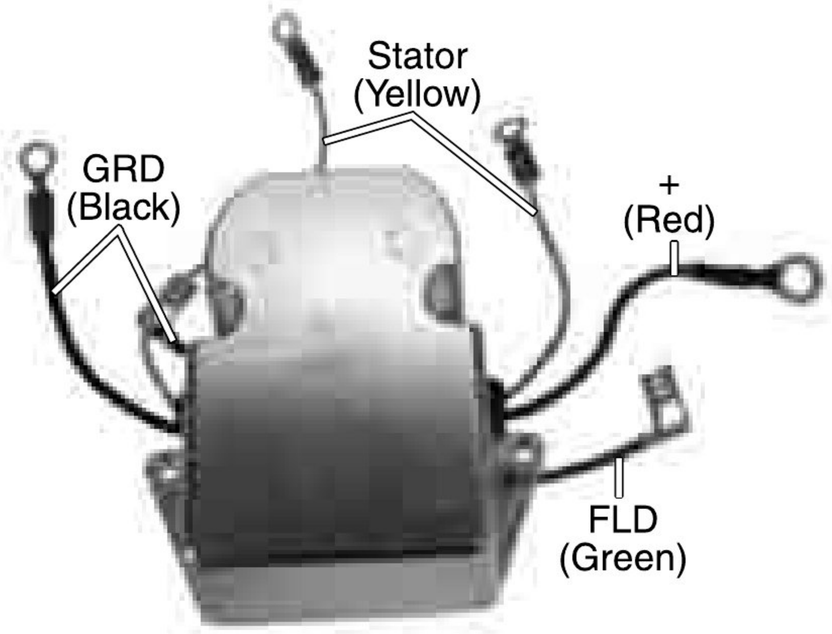
(Ref# 35-411)

Regulator

12 Volt, B-Circuit, 14.4 Vset

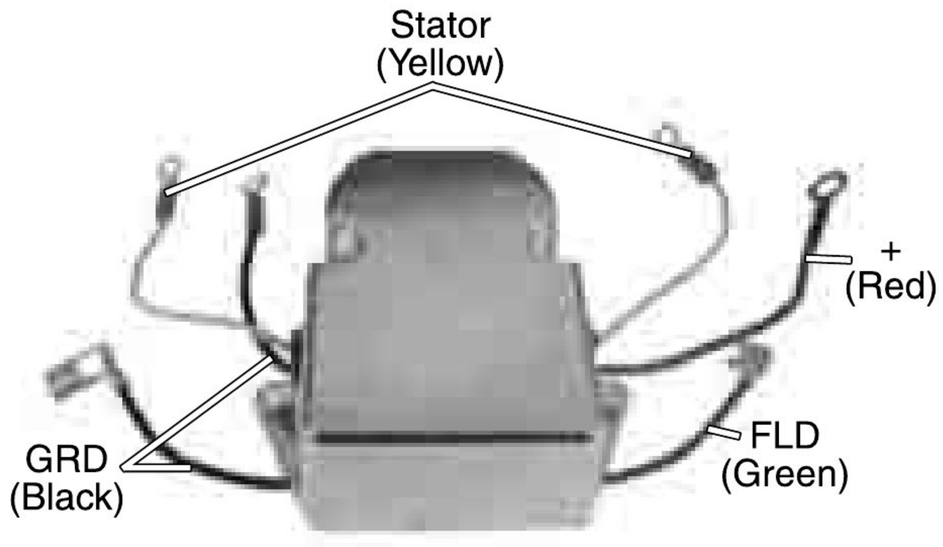
For: Motorola / Prestolite 8SA, Load Handler LHA Series Alternators
Replaces: Motorola / Prestolite 8RG2026, 105-237
Terminal ID: Plug Type: K3 & L; Wiring Code: 10
Red Positive (+), Black Ground, Green Field, Yellow Stator.
Features:
- Adjustable voltage

MOTOROLA (cont'd.)



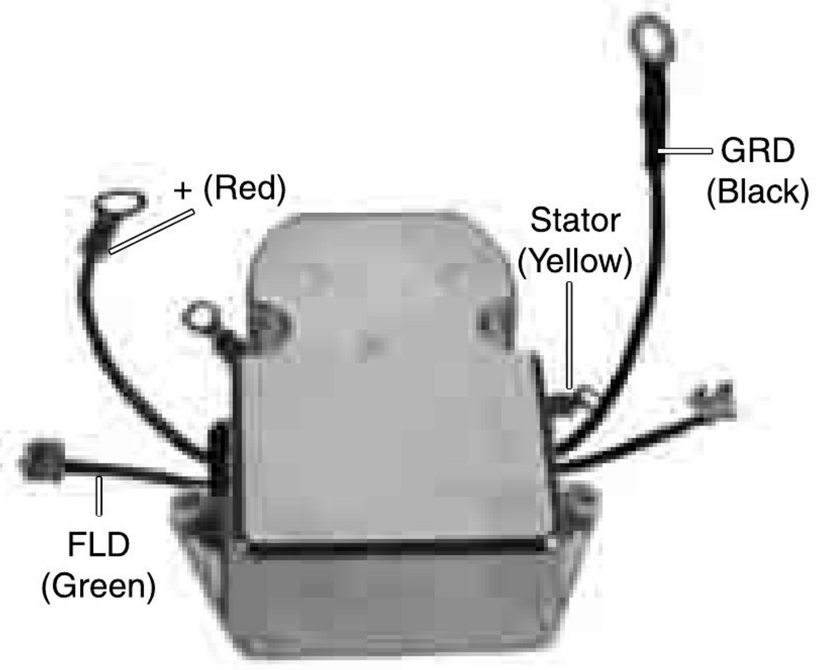
M5-245A
Regulator
12 Volt, B-Circuit, 13.8 Vset

For: Motorola / Prestolite 8HC Series Alternators
Replaces: Motorola / Prestolite 8RG2031, 105-245
Unit Nos: Caterpillar 6T1396, 7T2096;
Motorola / Prestolite 8HC2023K, 8HC2024K; 110-284, -312
Lester Nos: 8049, 8077
Terminal ID: Plug-Type K-3 & L; Wiring Code 10
Red Positive (+), Black Ground, Green Field, Yellow Stator
Features:
- Adjustable voltage



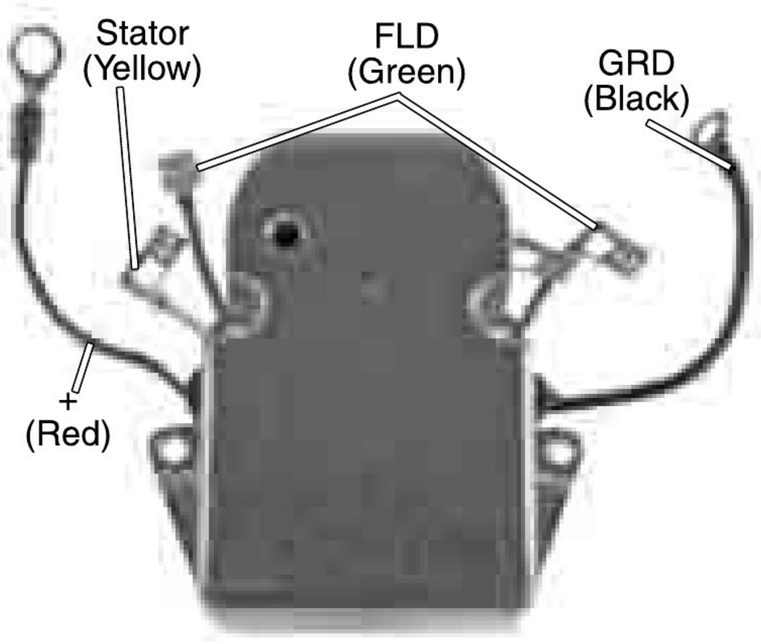
M5-247A
Regulator
24 Volt, B-Circuit, 27.6 Vset

For: Motorola / Prestolite 8HC Series Alternators
Replaces: Motorola / Prestolite 8RG3029, 105-247
Unit Nos: Caterpillar 6T1395;
Motorola / Prestolite 8HC3022F, 8HC3025F; 110-285, -313
Lester Nos: 8050, 8051
Terminal ID: Plug-Type K3 & L; Wiring Code 10
Red Positive (+), Black Ground, Green Field, Yellow Stator
Features:
- Adjustable voltage



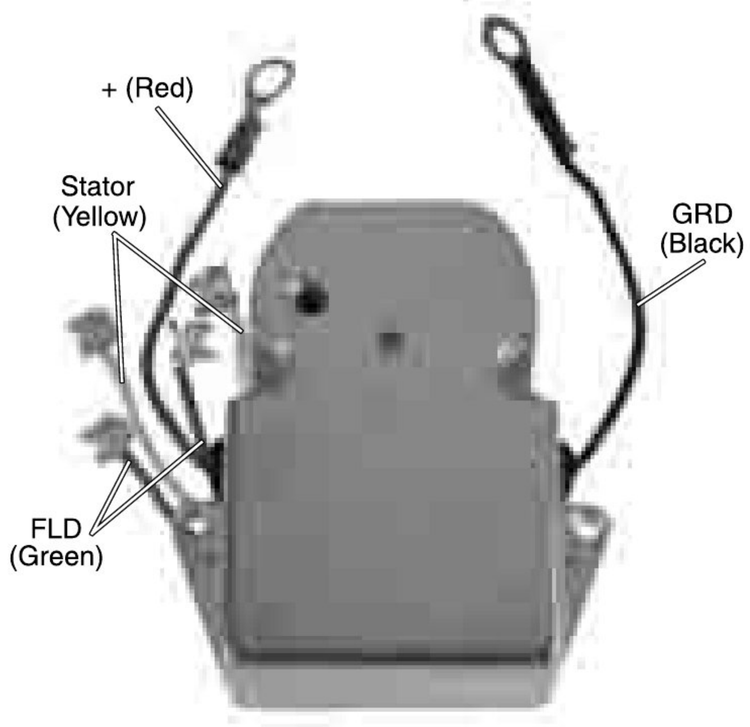
M5-249A
Regulator
24 Volt, B-Circuit, 28.0 Vset

For: Motorola / Prestolite 8LHA Series Alternators
Replaces: Motorola / Prestolite 8RG3032, 105-249
Unit Nos: Motorola / Prestolite 8LHA3025PA, 110-296
Terminal ID: Plug-Type K3 & L; Wiring Code 10
Red Positive (+), Black Ground, Green Field, Yellow Stator
Features:
- Adjustable voltage



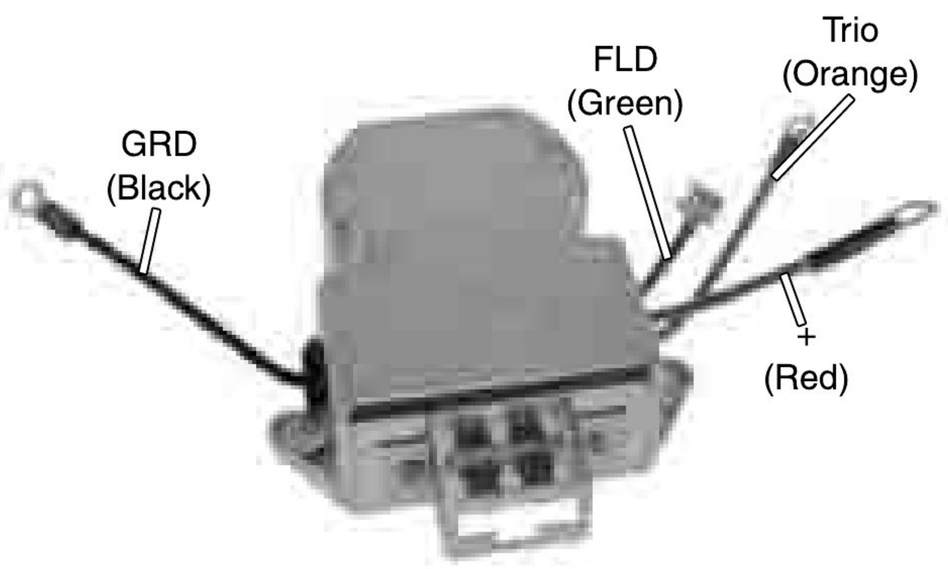
M5-292A
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Motorola / Prestolite 8LHA Series Alternators
Replaces: Ford F3HZ-10316-B, GR-810;
Motorola / Prestolite 8RG2029A, 105-292
Unit Nos: Motorola / Prestolite 8LHA2027, 8LHA2050VA,
8LHA2050VC, 8LHA2070V, 8LHA2081V, 8LHA2096VA,
8LHA8073V; 110-434, -555, -916
Lester Nos: 8058, 8059
WAI Ref. Nos: 1-2126-40MO, 1-2429-00MO
Note: 5 amp field.
For 7 amp field version use M5-329A.
Terminal ID: Plug-Type: K-3 & L; Wiring Code 10
Red Positive (+), Black Ground, Green Field, Yellow Stator
Features:
- Adjustable voltage



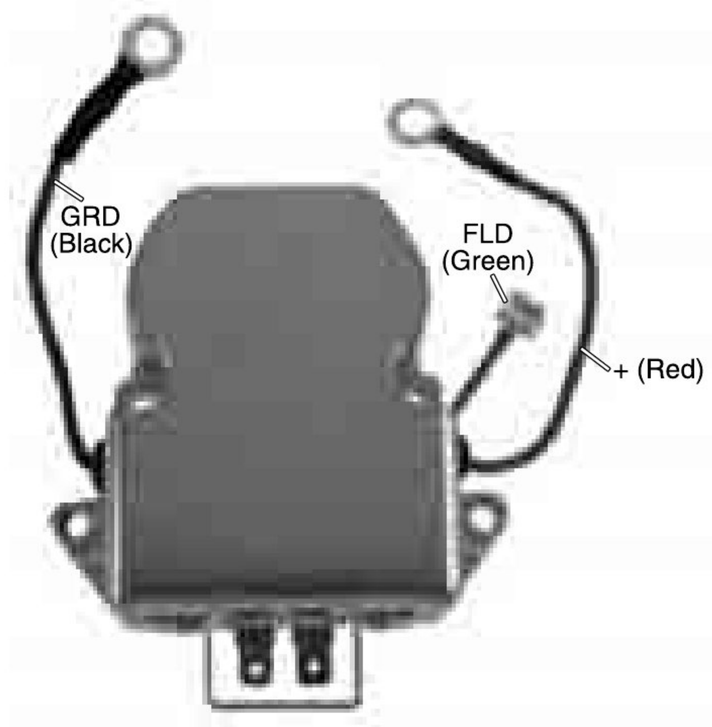
M5-329A
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Motorola / Prestolite 8LHA Series Alternators
Replaces: Motorola / Prestolite 8RG2101A, 8RG2112; 105-329, -360,
Unit Nos: IHC 3582185C91;
Motorola / Prestolite 8LHA2070VB, VE; 8LHP2170E, V, VE, VH; 110-555HD, -555JHO, -555P, -555PHO
Lester Nos: 8058, 8410
WAI Ref. Nos: 1-2429-00MO, 1-2532-00MO, 1-2564-00MO
Note: 7 amp field.
For 5 amp field version use M5-292A.
Terminal ID: Plug-Type K-3 & L; Wiring Code 10
Red Positive (+), Black Ground, Green Field, Yellow Stator
Features:
• Adjustable voltage



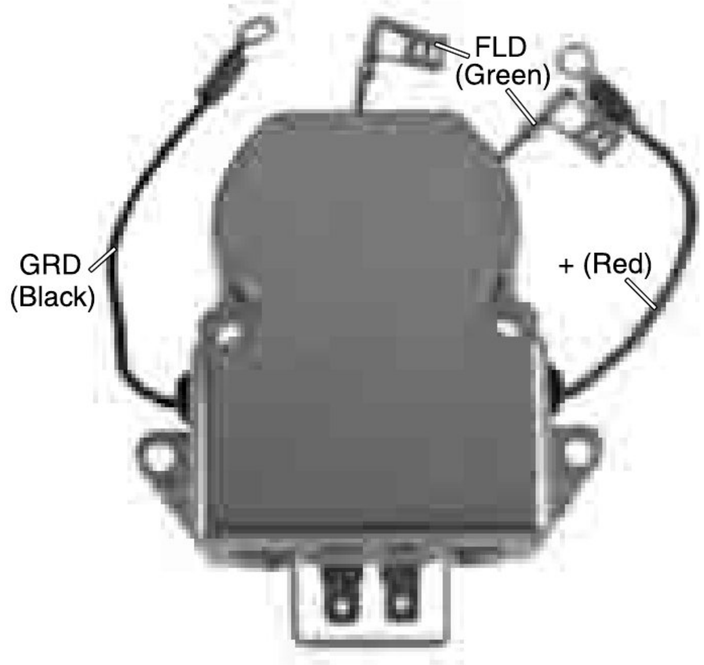
M5-149A
Regulator
24 Volt, B-Circuit, 28.4 Vset

For: Motorola / Prestolite 8HC Series Alternators
Replaces: Motorola / Prestolite 8RG3008, 105-149
Unit Nos: Motorola / Prestolite 8HC3010G, 8HC3017G; 110-196, -222
Lester Nos: 7458, 8042
Terminal ID: Plug-Type Q-1; Wiring Code 13
Red Positive (+), Black Ground, Green Field, Orange Trio (+)
Features:
• Adjustable voltage



M5-172A
Regulator
12 Volt, B-Circuit, 14.2 Vset

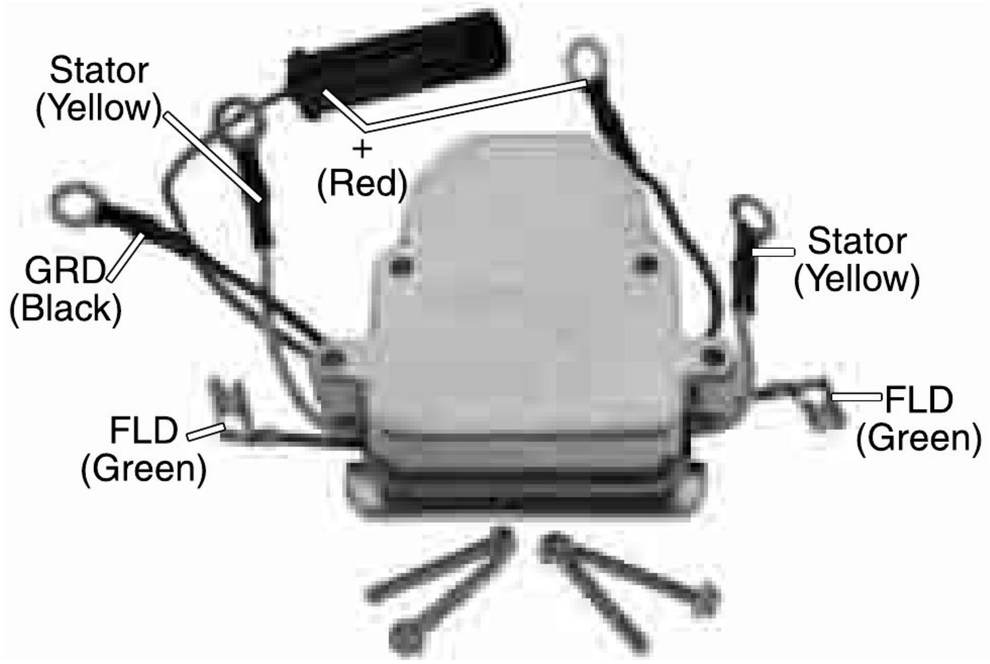
For: Motorola / Prestolite 8HC Series Alternators
Replaces: Motorola / Prestolite 8RG2011, 8RG2012; 105-169, -172
Unit Nos: Motorola / Prestolite 8HC2012F, 8HC2013P, 8HC2014K, 8HC2015L, 8HC2018L, 8SA2016R; 110-208, -209, -210, -212, -213, -230
Lester Nos: 7457, 7459
Terminal ID: Plug-Type Q; Wiring Code 2
Red Isolation Diode (+), Black Ground, Green Field
Features:
• Adjustable voltage



M5-215A
Regulator
12 Volt, B-Circuit, 14.4 Vset

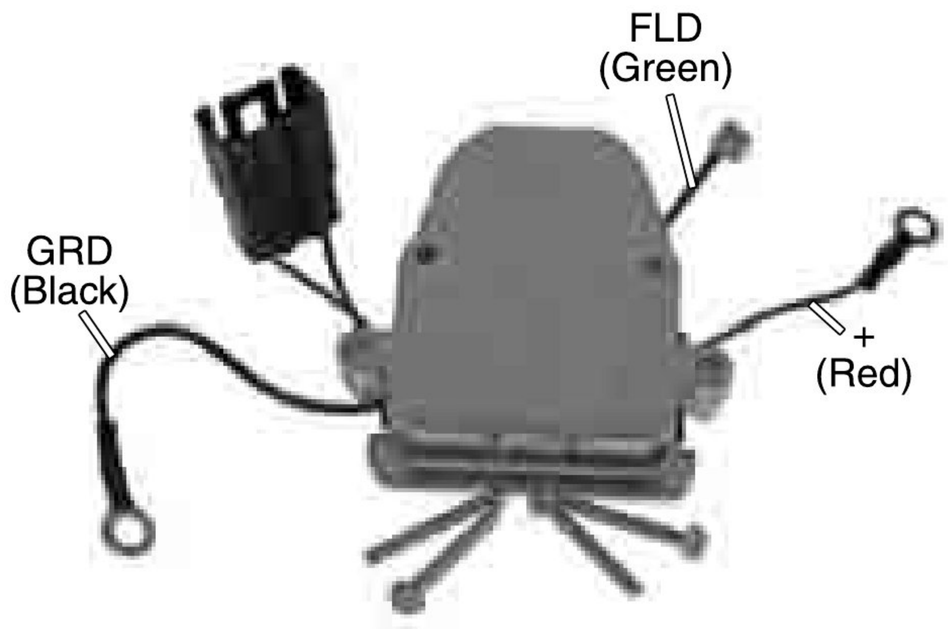
For: Motorola / Prestolite 8MR Series Alternators
Replaces: Motorola / Prestolite 8RG2019, 105-215
Unit Nos: Motorola / Prestolite 8MR2025T, 8MR2027T, 8MR2028T, 8MR2034L, 8MR2035T; 110-238, -243, -244
Terminal ID: Plug-Type Q-2; Wiring Code 1
Red Trio (+), Black Ground, Green Field
Features:
• Adjustable voltage

MOTOROLA (cont'd.)



M5-050A
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8MR Series Alternators
Used On: Carrier Thermocold
Replaces: Carrier 30-00409-29, 30-00409-44, 30-70158-00; Motorola / Prestolite 8RG2050, 8RG2050A, 8RG2115A, 105-36
Unit Nos: Motorola / Prestolite 8MR2118F, FA; 8MR2122U, UA; 8MR2125L, LA; 8MR2126U, UA; 8MR2127L, LA, LB; 8MR2128F, FA; 110-607, -608, -610
Lester Nos: 8619, 8620, 8621, 8622
Terminal ID: Plug-Type K-3, L & X
Red Positive (+), Black Ground, Green Field, Yellow Stator
Features:
• Adjustable voltage

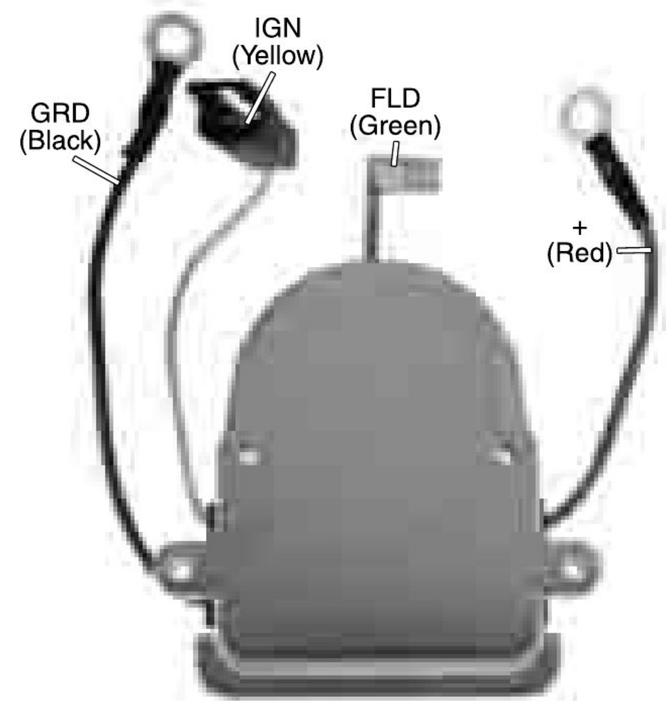


M5-181
Regulator
12 Volt, B-Circuit, 15.0 Vset

For: Motorola / Prestolite 8HC, 8MR Series Alternators w/ Isolation Diode
Replaces: Motorola / Prestolite 8RG2010C; 105-69, -181
Terminal ID: Plug Type M; Wiring Code 2
Red Isolation Diode (+), Black Ground, Green Field
Note: For adjustable voltage use M5-181A.

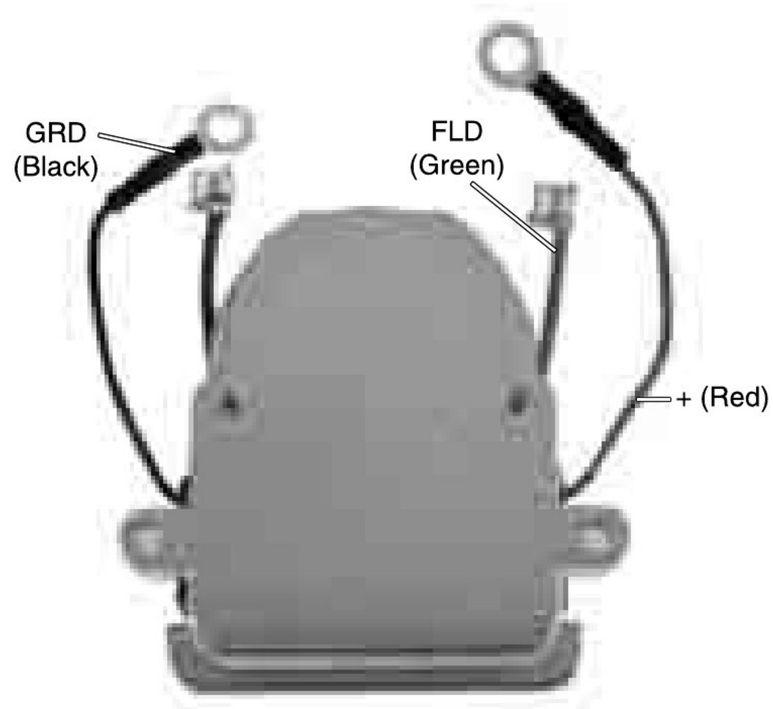
M5-181A
(Ref# 35-409)
Regulator
12 Volt, B-Circuit, 15.0 Vset

Same as M5-181 except...
Features:
• Adjustable voltage



M5-197A
(Ref# 35-406)
Regulator
12 Volt, B-Circuit, 15.0 Vset

For: Motorola / Prestolite MR/8MR Series Alternators w/ Isolation Diode
Replaces: Motorola / Prestolite 8RG2010A; 105-64, -197
Terminal ID: Plug Type: K, Wiring Code: 3
Red Isolation Diode (+), Black Ground, Green Field, Yellow Ignition
Features:
• Adjustable voltage

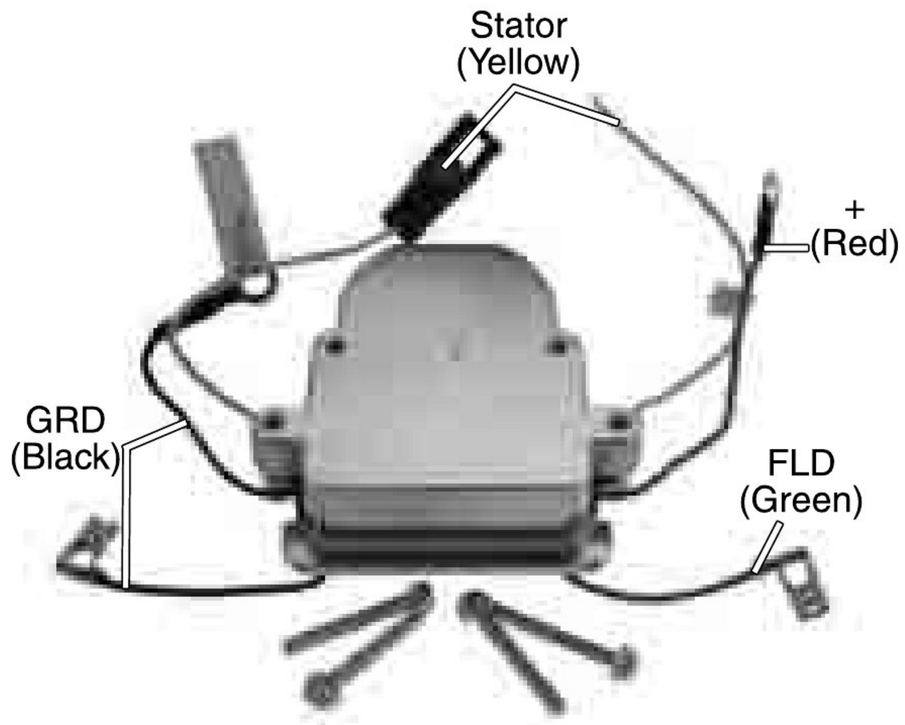


M5-200
(Ref# 35-403)
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8SA, 12SA, Load Handler LHA Series Alternators
Replaces: Motorola / Prestolite 8RG2009B, 8RG2009D; 105-23, -200, -202
Unit Nos: Motorola / Prestolite 8HC2027P, 8LHA2012R, 8SA2001N, 8SA2002N, 8SA2007R, 8SA2012R, 12SA113A, 12SA113B, 12SA115A, 12SA115B, 12SA202; Prestolite 110-93, -95, 105, -106, -125, -138
Lester Nos: 7386, 7388, 7411, 7413
Terminal ID: Plug-Type: K-1; Wiring Code 1
Red Trio (+), Black Ground, Green Field.
Note: Short key hole case style.
For adjustable voltage use M5-200A.

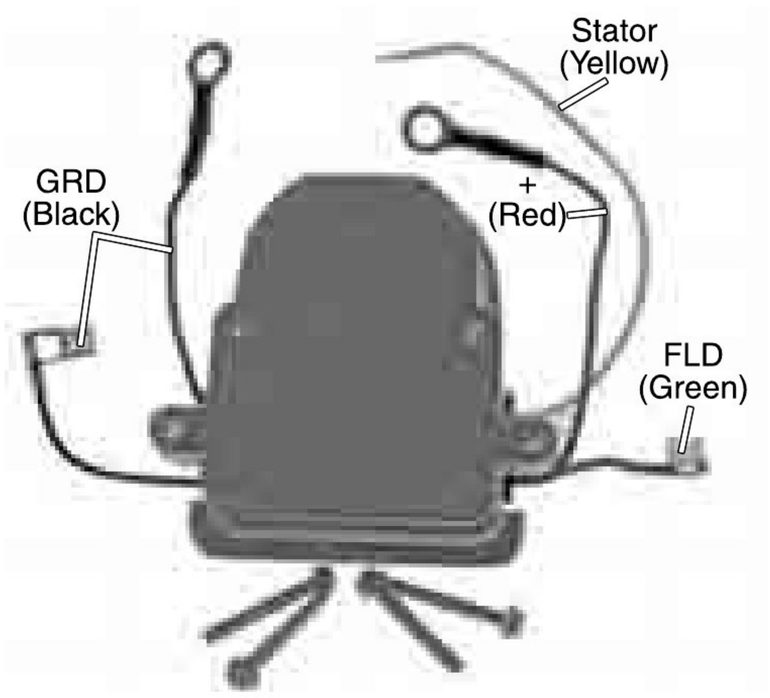
M5-200A
Regulator
12 Volt, B-Circuit, 14.2 Vset

Same as M5-200 except...
Features:
• Adjustable voltage



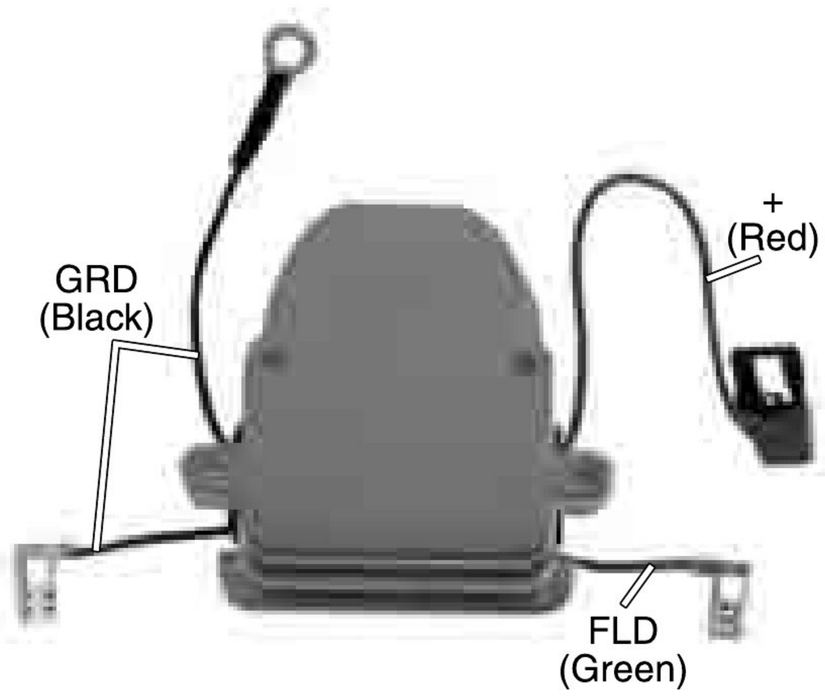
M5-200SA12
Regulator
12 Volt, B-Circuit, 14.2 Vset

Same as M5-200 except...
Terminal ID: Plug-Type: K-1; Wiring Code 9
Red Positive (+), Black Ground, Green Field, Yellow Stator, Yellow (Plug) Light.
Note: Stator activated version of M5-200.
For 24 volt version use M5-200SA24
Features:
• Adjustable voltage
• Converts to 1-wire hook-up
• Fast cut-in
• Indicator light



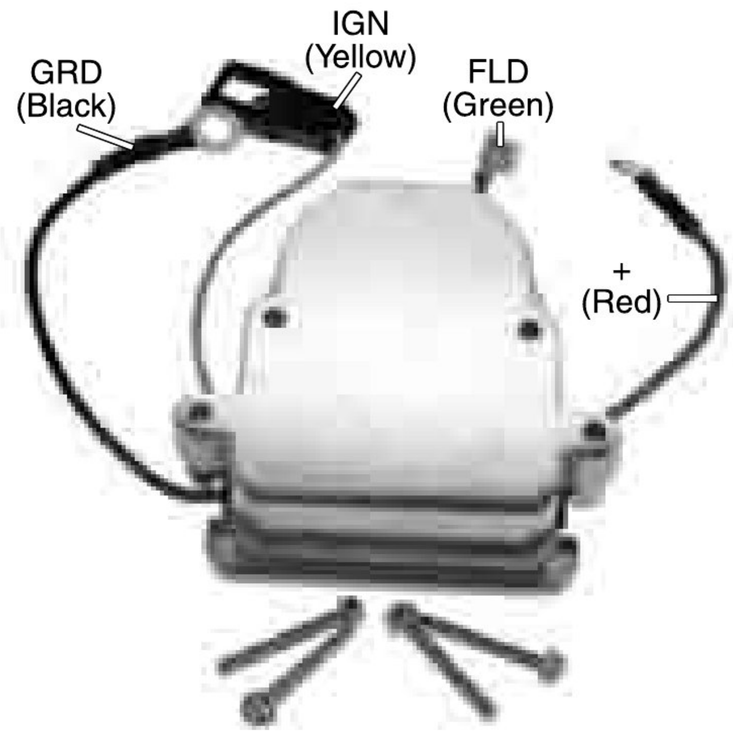
M5-200SA24
Regulator
24 Volt, B-Circuit, 27.5 Vset

Same as M5-200 except...
Terminal ID: Plug-Type: K-1; Wiring Code 9
Red Positive (+), Black Ground, Green Field, Yellow Stator, Yellow (Plug)
Note: 24 volt version of M5-200SA12.
Features:
• Adjustable voltage
• Converts to 1-wire hook-up
• Fast cut-in



M5-203A
Regulator
12 Volt, B-Circuit, 14.2 Vset

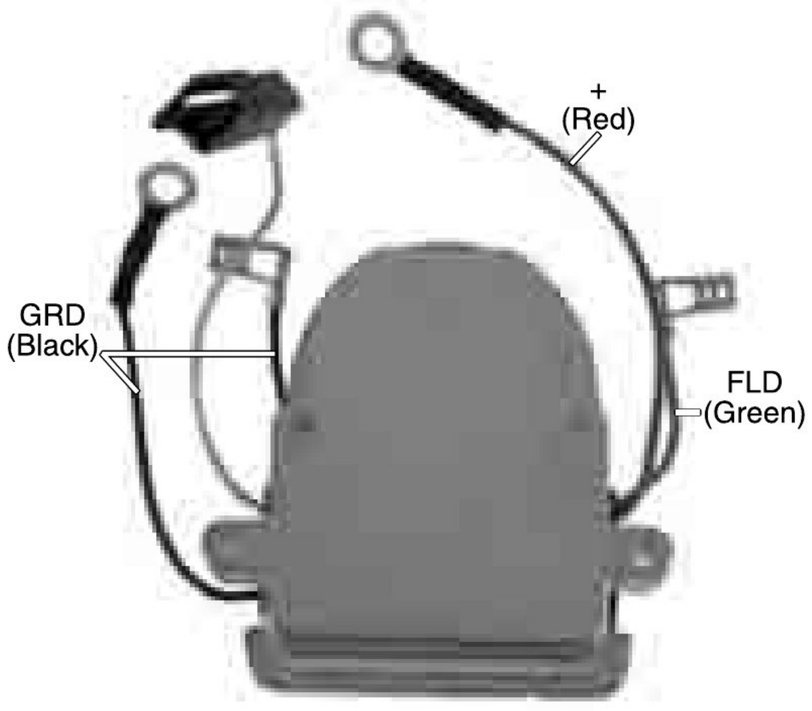
For: Motorola / Prestolite 8SA Series Alternators
Replaces: Motorola / Prestolite 8RG2009E, 8RG2009H; 105-203, -217
Unit Nos: Motorola / Prestolite 8HC2009P, 8SA2017R, 8SA2019R; 110-205, -229, -236
Lester Nos: 8048
Terminal ID: Plug-Type K-2; Wiring Code 1
Red Trio (+), Black Ground, Green Field
Features:
• Adjustable voltage



M5-207A
Regulator
12 Volt, B-Circuit, 14.2 Vset

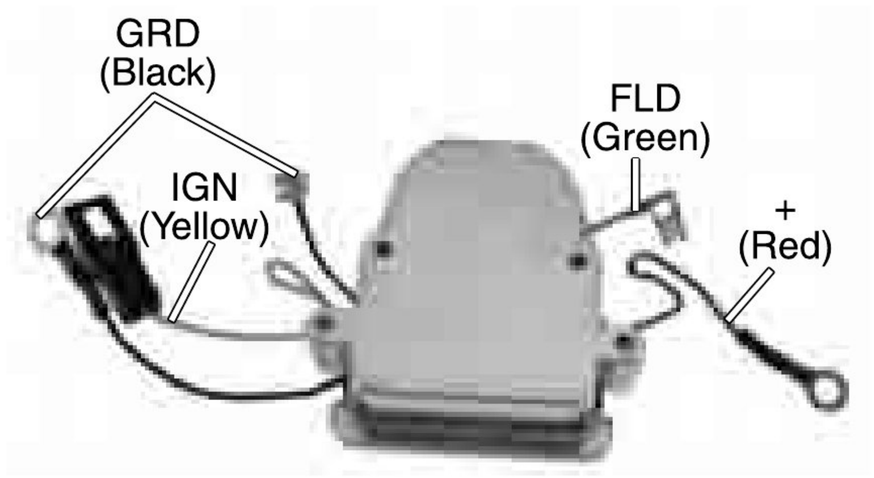
For: Motorola / Prestolite 8MR Series Alternators
Replaces: Motorola / Prestolite 8RG2009A, 8RG2035A; 105-207, -250; Thermo King 44-7012
Unit Nos: Motorola / Prestolite 8MR2022K, 8MR2023F, 8MR2024F, 8MR2026P, 8MR2048K, 8MR2049K, 8MR2050F, 8MR2051F, 8MR2058P; 110-223, -224, -259, -269, -270, -271, -272, -292, -307
Lester Nos: 7466, 7489, 7495, 7497, 7499, 8044
Terminal ID: Plug-Type: K; Wiring Code 4
Red Trio (+), Black Ground, Green Field, Yellow Ignition
Note: Short key hole case style.
Features:
• Adjustable voltage

MOTOROLA (cont'd.)



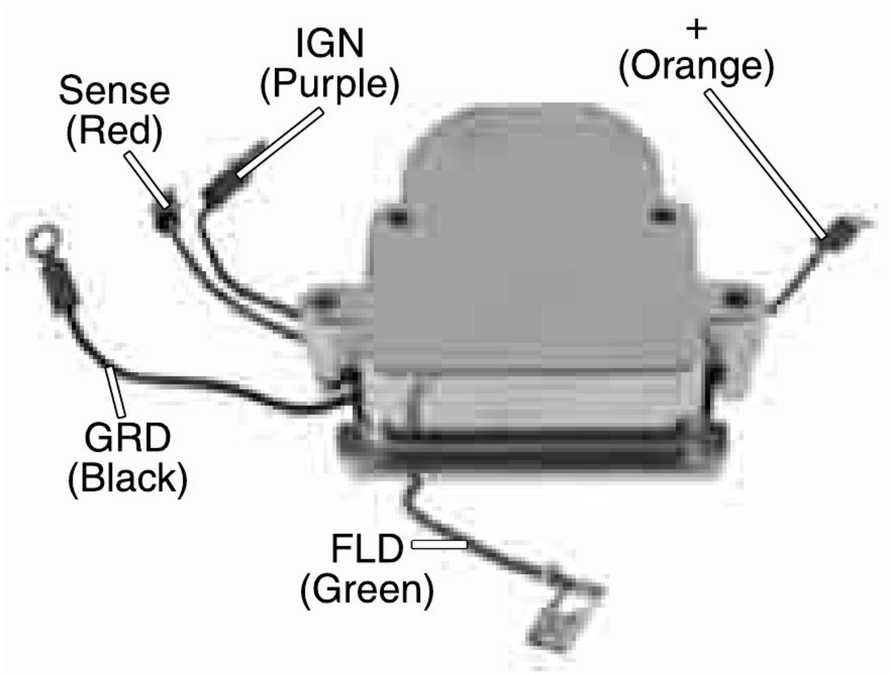
M5-208A
Regulator
24 Volt, B-Circuit, 29.9 Vset

For: Motorola / Prestolite Alternators
Replaces: Motorola / Prestolite 8RG3016G, 105-208
Terminal ID: Plug-Type: K-1 & X; Wiring Code 3
Red Isolation Diode (+), Black Ground, Green Field
Features:
- Adjustable voltage



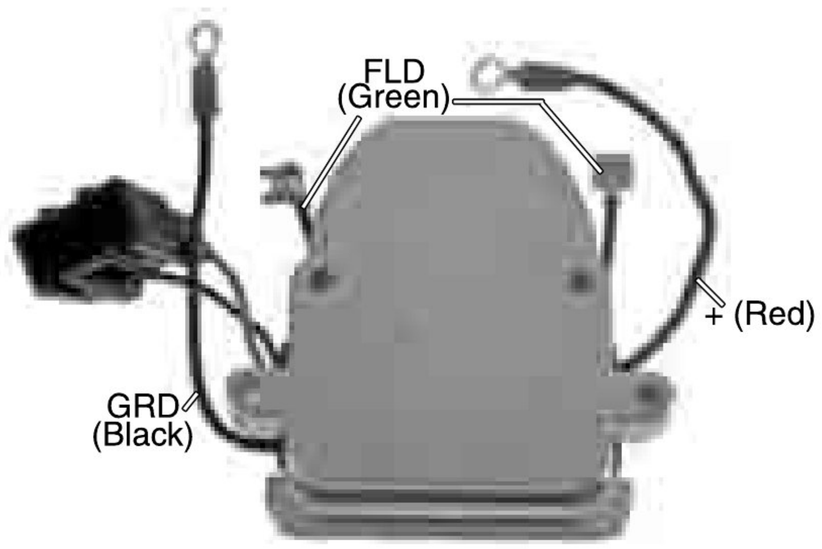
M5-209A
Regulator
24 Volt, B-Circuit, 28.0 Vset

For: Motorola / Prestolite 8SA Series Alternators
Replaces: Motorola / Prestolite 8RG3017G, 105-209
Unit Nos: Motorola / Prestolite 8SA3008P, 8SA3033P; 110-126, -319
Lester Nos: 7585
Terminal ID: Plug-Type: K-1 & X; Wiring Code 4
Red Trio (+), Black Ground, Green Field, Yellow Ignition
Features:
- Adjustable voltage



M5-214A
(Ref# 35-407)
Regulator
12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Prestolite 8MR Series Alternators wo/ Isolation Diode
Replaces: Motorola / Prestolite 8RG2015, 8RG2018, 8RG2027; 105-193, -214, -240
Terminal ID: Plug Type: W-1, Wiring Code: 14
Red Sense (+), Black Ground, Green Field, Orange Trio (+), Purple Ignition
Features:
- Adjustable voltage

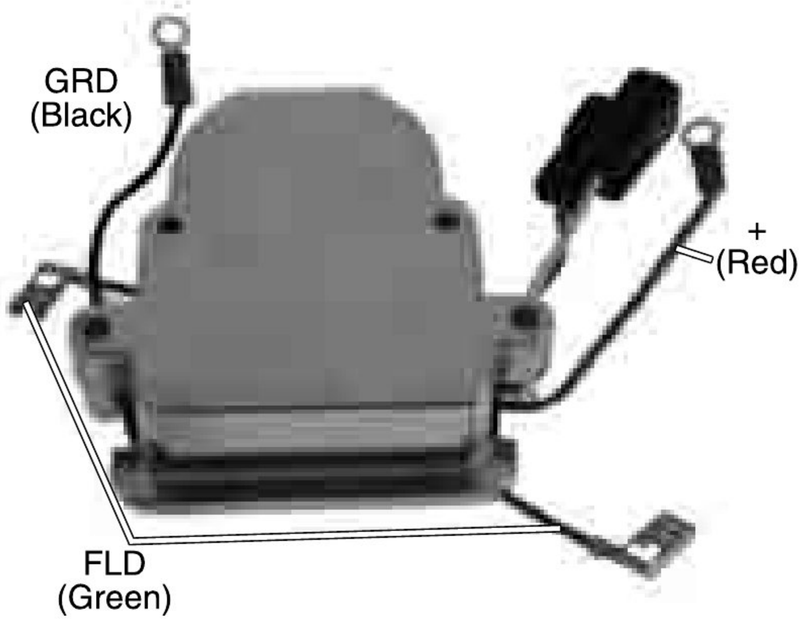


M5-225
Regulator
12 Volt, A-Circuit, 14.4 Vset

For: Motorola / Prestolite 8MR Series Alternators
Replaces: Motorola / Prestolite 8RG2021, 105-225
Unit Nos: Motorola / Prestolite 8MR2030T, 110-242
Lester Nos: 8045
Terminal ID: Plug-Type: K-1 & Y; Wiring Code 1
Red Trio (+), Black Ground, Green Field
Note: For adjustable voltage use M5-225A.

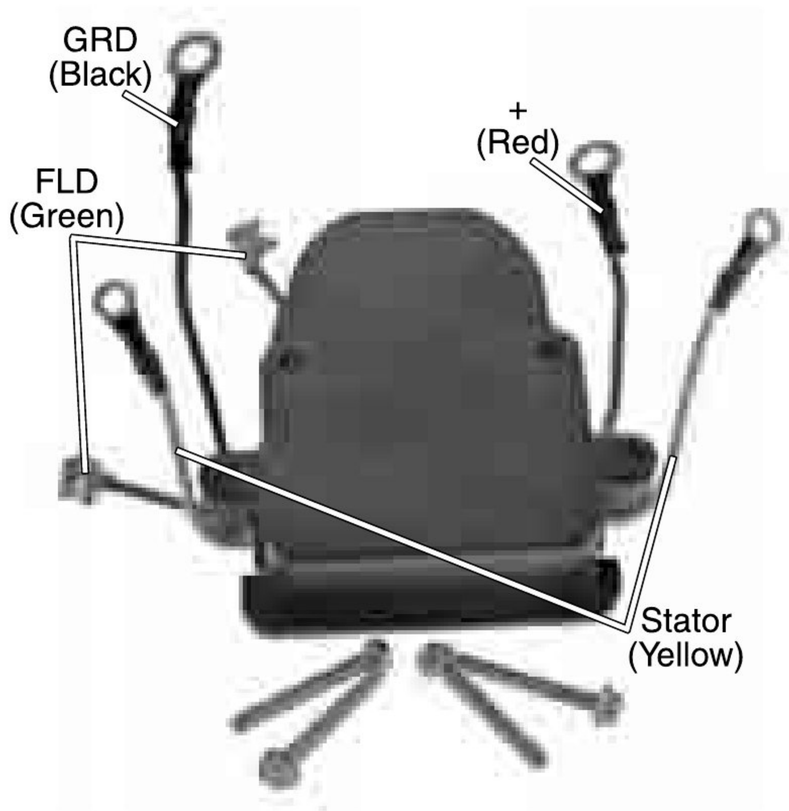
M5-225A
Regulator
12 Volt, A-Circuit, 14.4 Vset

Same as M5-225 except...
Features:
- Adjustable voltage



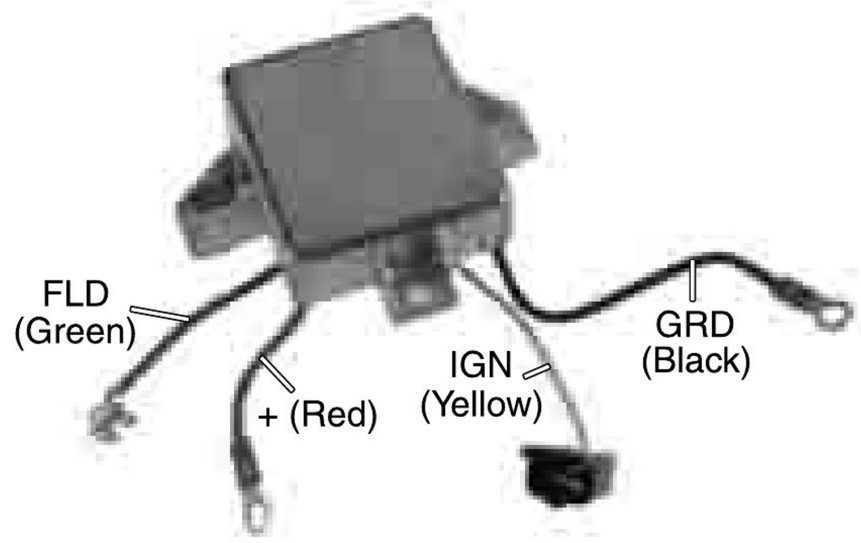
M5-226A
Regulator
12 Volt, A-Circuit, 14.4 Vset

For: Motorola / Prestolite 8MR Series Alternators
Replaces: Motorola / Prestolite 8RG2022, 105-226
Unit Nos: Motorola / Prestolite 8MR2033T, 110-252
Lester Nos: 7471
Terminal ID: Plug-Type K-1 & P; Wiring Code 1
Red Trio (+), Black Ground, Green Field
Features:
- Adjustable voltage



M5-280A
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Motorola / Prestolite 8MR Series Alternators
Replaces: Motorola / Prestolite 8RG2043, 105-280
Unit Nos: Motorola / Prestolite 8MR2069T, 8MR2070T; 110-402, -403
Lester Nos: 8370
Terminal ID: Plug-Type K3 & L; Wiring Code 10
Red Positive (+), Black Ground, Green Field, Yellow Stator
Features:
- Adjustable voltage

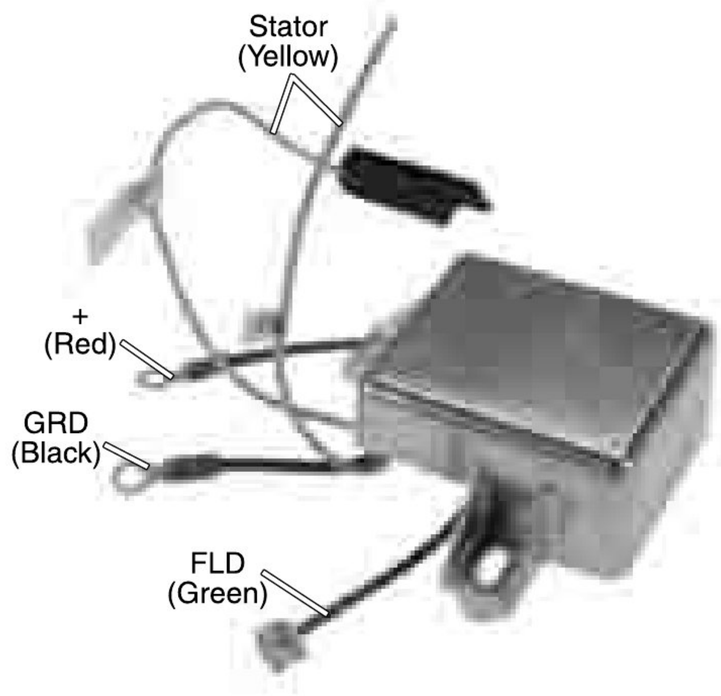


M5-151
(Ref# 35-402)
Regulator
12 Volt, B-Circuit, 15.0 Vset

For: Motorola / Prestolite RA/8AR Series Alternators w/ Isolation Diode
Replaces: Motorola / Prestolite 8RF2011A; 105-29, -43, -63, -151
Terminal ID: Plug Type: K; Wiring Code: 3
Red Isolation Diode (+), Black Ground, Green Field, Yellow Ignition
Note: For adjustable voltage use M5-151A.

M5-151A
Regulator
12 Volt, B-Circuit, 15.0 Vset

Same as M5-151 except...
Features:
- Adjustable voltage

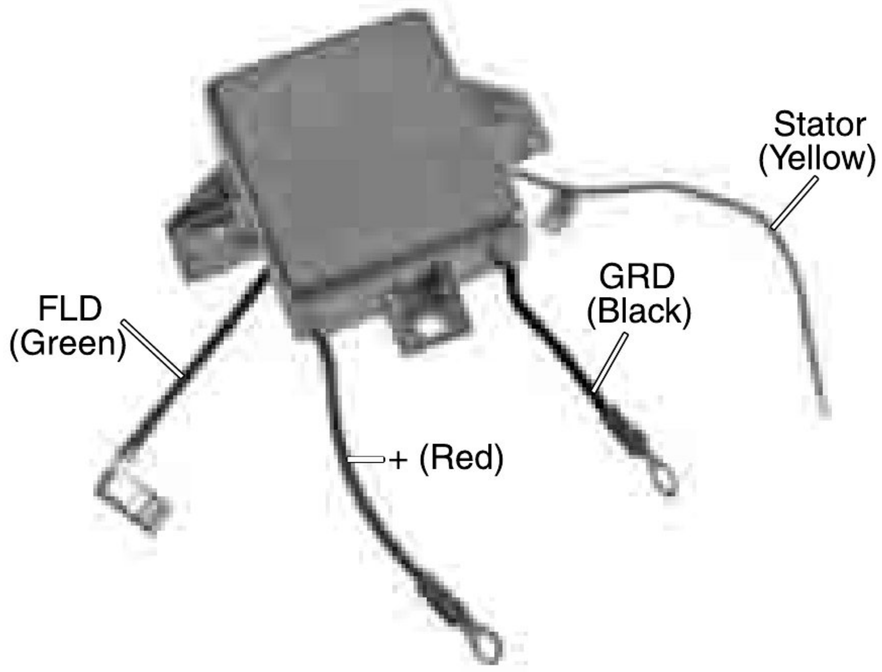


M5-151SA12
Regulator
12 Volt, B-Circuit, 14.2 Vset

Same as M5-151 except...
Terminal ID: Plug-Type: K; Wiring Code 9
Red Positive (+), Black Ground, Green Field, Yellow Stator, Yellow (Plug) Light
Note: Stator activated version of M5-151.
For 24 volt version use M5-151SA24
Features:
- Adjustable voltage
- Eliminates excitation resistors & isolation diode
- Converts to 1-wire hook-up
- Fast cut in
- Indicator light

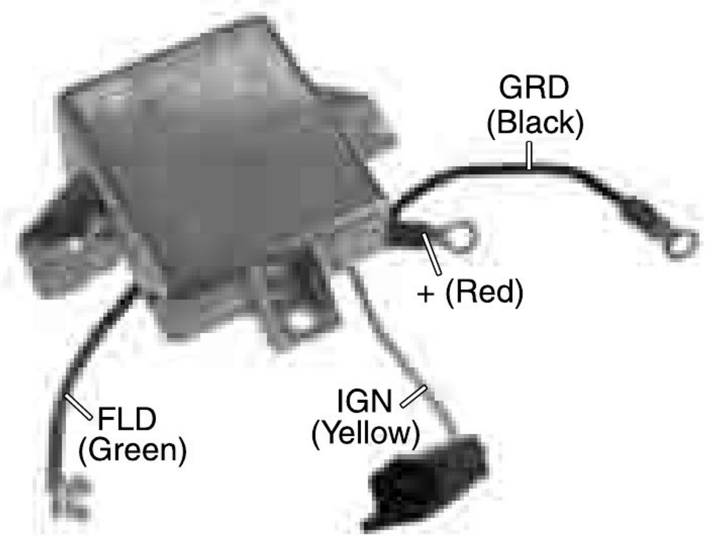
ALTERNATOR - REGULATORS (TRANSPO)

MOTOROLA (cont'd.)



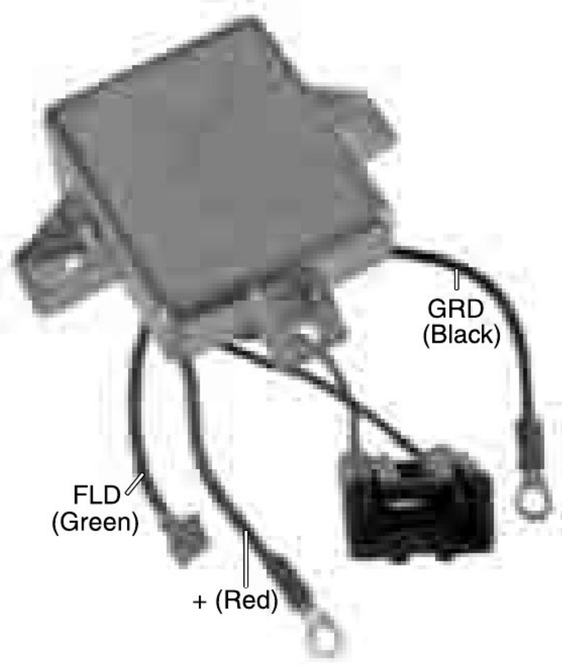
M5-151SA24
Regulator
24 Volt, B-Circuit, 27.5 Vset

Same as M5-151 except...
Terminal ID: Plug-Type: K; Wiring Code 9 (wo/ Light)
Red Positive (+), Black Ground, Green Field, Yellow Stator
Note: 24 volt version of M5-151SA12.
Features:
- Adjustable voltage
- Eliminates excitation resistors & isolation diode
- Converts to 1-wire hook-up
- Fast cut in



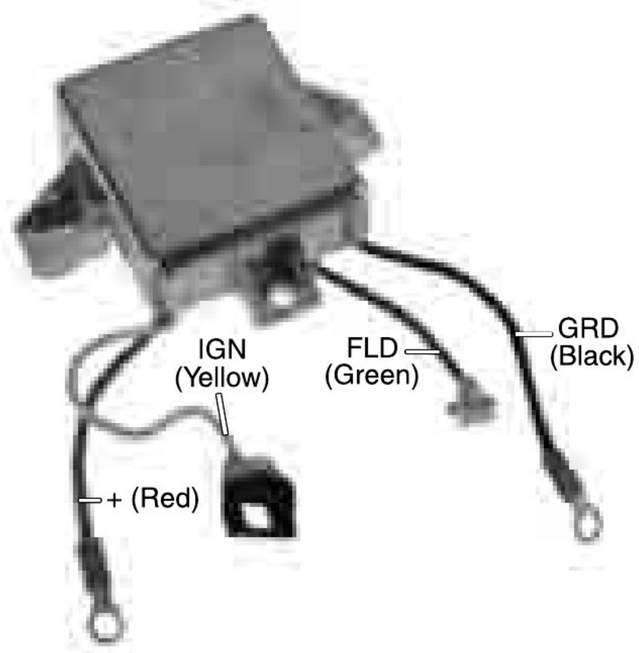
M5-152A
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8AR Series Alternators
Replaces: Motorola / Prestolite 8RF2012A, 8RF2021A; 105-152, -242
Unit Nos: Carrier 30-00351; Motorola / Prestolite 8AR2021K, 8AR2028F, 8AR2033F, 8AR2037F, 8AR2041F, 8AR2043F, 8AR2060F, 8AR2062K, 8AR2066F, 8AR2067L, 8AR2068F, 8AR2068FM, 8AR2069F, 8AR2070K, 8AR2072F, 8AR2073F, 8AR2075F, 8AR2081F; 110-178, -261, -262, -263, -273, -274, -283, -287, -288, -289, -291, -315
Lester Nos: 7380, 7435, 7461, 7475, 8056
Terminal ID: Plug-Type K; Wiring Code 4
Red Trio (+), Black Ground, Green Field, Yellow Ignition
Features:
- Adjustable voltage



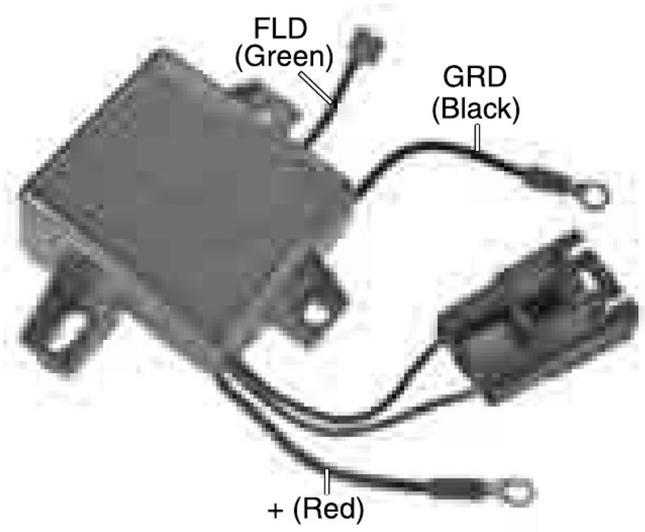
M5-153A
(Ref# 35-408)
Regulator
12 Volt, B-Circuit, 15.0 Vset

For: Motorola / Prestolite RA/8AR Series Alternators w/ Isolation Diode
Replaces: John Deere AR78298; Motorola / Prestolite 8RF2014C, 8RF2023C; 105-153, -256
Unit Nos: Motorola / Prestolite 8AR2006, 8AR2012K, 8AR2013F, 8AR2025K, 8AR2044F, 8AR2045K, 8AR2048F, 8AR2049K, 8AR2050F, 8AR2051K, 8AR2076K, RA12N35JD1, RA12N5105-JD1, RA12N5105-JD5, RA12N5105-JD6, RA12N5105-JD7, RA12N5105-JD8, RA12N55-JD6, RA12NJD453, RA12NJD604; 110-38, -39, -194, -240, -241, -325;
Lester Nos: 7356, 7357, 7364, 7369
Terminal ID: Red D+, Black D-, Green DF
Features:
- Adjustable voltage



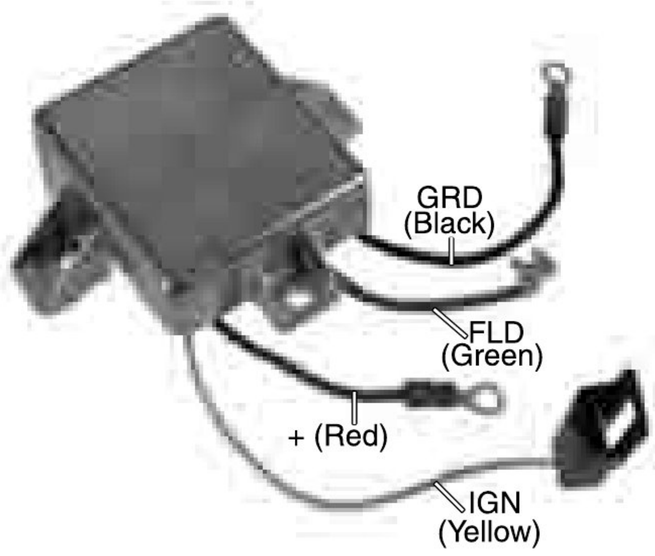
M5-182A
Regulator
24 Volt, B-Circuit, 29.2 Vset

For: Motorola / Prestolite RA24 Series Alternators
Replaces: Motorola / Prestolite 8RF3016A, 105-182
Unit Nos: Motorola / Prestolite RA24-900, RA24N900, RA24N900D, RA24N901; 110-62, -111
Lester Nos: 7399
Terminal ID: Plug-Type K; Wiring Code 3
Red Isolation Diode (+), Black Ground, Green Field, Yellow Ignition
Features:
- Adjustable voltage



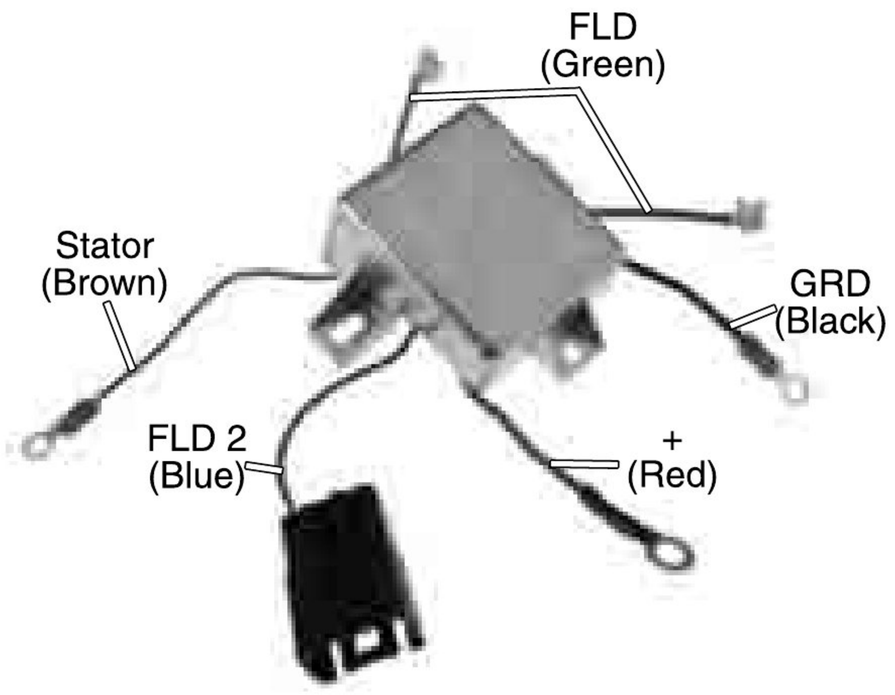
M5-183A
Regulator
24 Volt, B-Circuit, 29.2 Vset

For: Motorola / Prestolite 8AR, RA24 Series Alternators
Replaces: Motorola / Prestolite 8RF3017C, 105-183
Unit Nos: Motorola 8AR3010, RA24JD902; 110-40
Lester Nos: 7358
Terminal ID: Plug-Type M; Wiring Code 2
Red Isolation Diode (+), Black Ground, Green Field
Features:
• Adjustable voltage



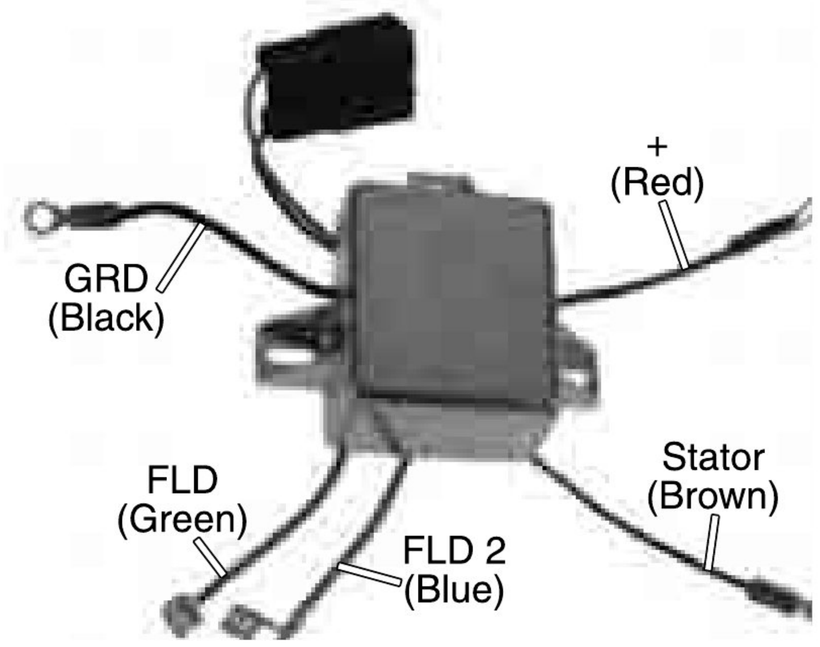
M5-248A
Regulator
24 Volt, B-Circuit, 28.4 Vset

For: Motorola / Prestolite 8AR Series Alternators
Replaces: Motorola / Prestolite 8RF3022, 105-248
Unit Nos: Motorola / Prestolite 8AR3077F, 8AR3080F; 110-295, -301
Terminal ID: Plug-Type K; Wiring Code 4
Red Trio (+), Black Ground, Green Field, Yellow Ignition
Features:
• Adjustable voltage



M5-104A
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Motorola / Prestolite 8TA Series Alternators
Replaces: Motorola / Prestolite 8RF2001, 105-104
Unit Nos: Motorola / Prestolite 8TA2003D, 8TA2005D, 8TA2019E, 8TA2024D; 110-204, -220
Lester Nos: 7447, 7456
Terminal ID: Plug-Type V; Wiring Code 15
Red Positive (+), Black Ground, Green Field, Brown Stator, Blue Field 2
Features:
• Adjustable voltage

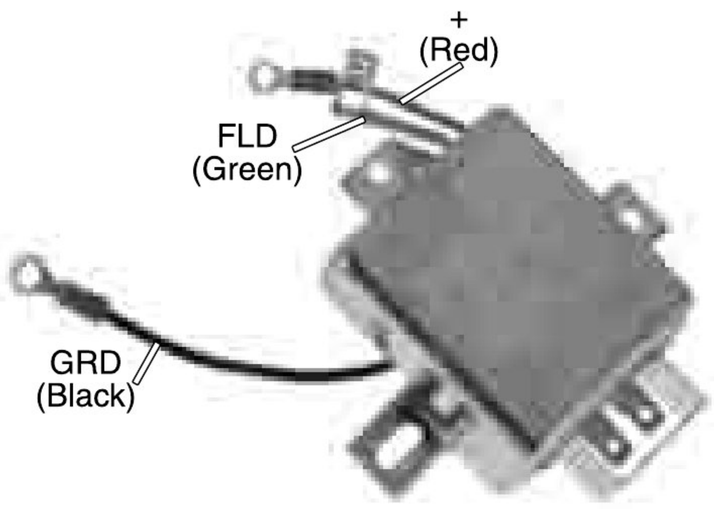


M5-121A
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Motorola / Prestolite 8TA Series Alternators
Replaces: Motorola / Prestolite 8RF2003, 105-121
Unit Nos: Motorola / Prestolite 8TA2009E, 8TA2021E, 8TA2023D, 8TA2026E; 110-166, -231
Lester Nos: 8052
Terminal ID: Plug-Type O; Wiring Code 15
Red Positive (+), Black Ground, Green Field, Brown Stator, Blue Field 2
Features:
• Adjustable voltage

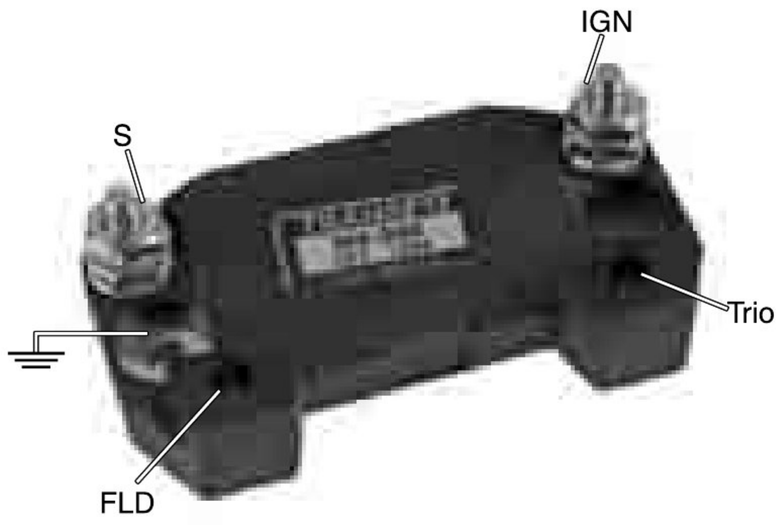
ALTERNATOR - REGULATORS (TRANSPO)

MOTOROLA (cont'd.)



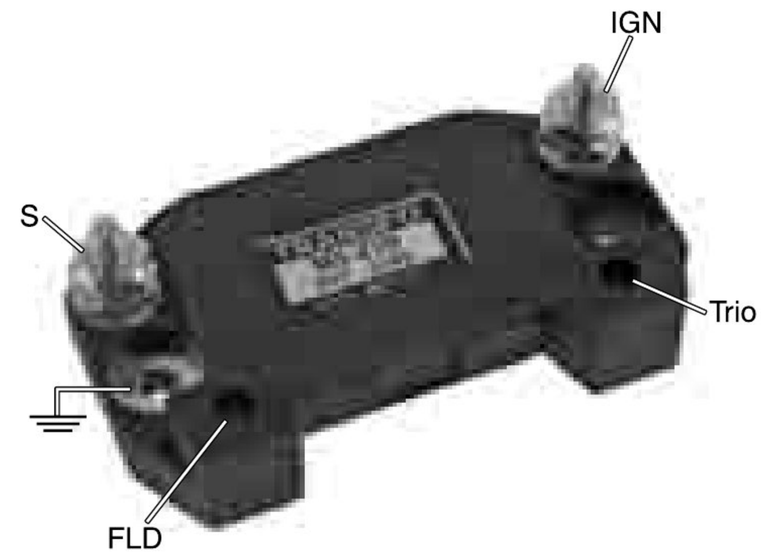
M5-164A
Regulator
24 Volt, B-Circuit, 28.4 Vset

For: Motorola / Prestolite 8TA Series Alternators
Replaces: Motorola / Prestolite 8RF3013, 105-164
Unit Nos: Motorola / Prestolite 8TA3020C, 8TA3025C, 8TA3052C; 110-202, -221, -227
Lester Nos: 7455, 8043
Terminal ID: Plug-Type Q; Wiring Code 1
Red Trio (+), Black Ground, Green Field
Features:
• Adjustable voltage



M5-265
(Ref# 35-412)
Regulator
12 Volt, A-Circuit, 14.4 Vset, Battery Sense

For: Motorola / Prestolite 8E Series Alternators
Replaces: Motorola / Prestolite 8RC2008A, 105-265; Thermo King 44-7322
Unit Nos: Motorola / Prestolite 8EA2003FA, 8EA2003FB, 8EA2005K, 8EA2006K, 8EA2016F, 8EA2016FA, 8EA2017N, 8EA2017NA, 8EA2019DA, 8EA2020NA, 8EA2020NB, 8EA2023N, 8EK2003FA, 8EK2003FB, 8EK2004DA, 8EK2005NA, 8EK2006FA, 8EK2007NA, 8EK2008FA, 8EK2009FA, 8EK2010NA, 8EM2003K, 8EM2004K, 8EM2004KB, 8EM2009NA, 8EM2009ND, 8EM2014K, 8EM2015N, 8EM2017K, 8EM2019F, 8EM2020NA; 110-345, -346, -354, -355, -372, -380, -382, -386, -387, -389, -393, -395, -399, -400 ; Thermo King 44-7155, 44-7156, 44-7376, 44-7925
Note: Plug Type MM



M5-270
Regulator
24 Volt, A-Circuit, 28.4 Vset

For: Motorola / Prestolite 8EA, 8EM Series Alternators
Replaces: Motorola / Prestolite 8RC3011A, 105-270
Unit Nos: Motorola / Prestolite 8EA3003G, 8EA3004G, 8EM3002GA, 8EM3002GB, 8EM3002GC, 8EM3004G; 110-376, -394, -396
Lester Nos: 7483
Note: Plug-Type MM



M5-276
(Ref# 35-414)
Regulator
12 Volt, A-Circuit, 14.0 Vset, Battery Sense

For: Motorola / Prestolite 8E Series Alternators
Replaces: Motorola / Prestolite 8RC2013, 105-276, Thermo King 44-7928
Unit Nos: Motorola / Prestolite 8EK2003FB, 8EK2004DC, 8EK2005NB, 8EK2006FB, 8EK2007NB, 8EK2008FB, 8EK2009FB, 8EK2010NB, 8EM2020NB; 110-393, -399, -400; Thermo King 44-7926, 844-7924, 844-7925, 844-7927
Note: Plug Type MM



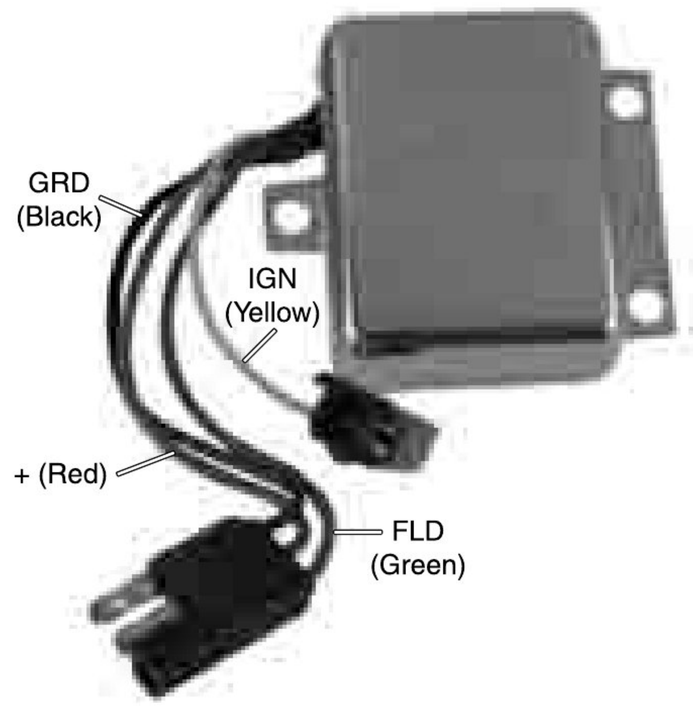
M5-266
(Ref# 35-413)
Regulator
12 Volt, A-Circuit, 14.4 Vset, Diode Trio Sense

For: Motorola / Prestolite 8E Series Alternators
Replaces: Carrier 30-00363-02;
Motorola / Prestolite 8RC2009, 8RC2009A, 105-266
Unit Nos: Motorola / Prestolite 8EA2001F, 8EA2002F, 8EA2004F, 8EA2005K, 8EA2007K, 8EA2008K, 8EA2009K,8EA2010K, 8EA2011N, 8EA2012N, 8EA2013N, 8EA2014F, 8EA2015F, 8EA2018N, 8EA2021F, 8EA2022F, 8EA2024N, 8EA2026F, 8EA37N12, 8EA65N12, 8EH2001NA, 8EK2001F, 8EK2002N, 8EM2001F, 8EM2002F, 8EM2005KA, 8EM2005KB, 8EM2006K, 8EM2007K, 8EM2008N, 8EM2010K, 8EM2011N, 8EM2012N, 8EM2013N, 8EM2016K, 8EM2018G, 8EM2021KA, 8EM2021KB, 8EM2022F, 8EM2023N, 8EM2025K, 8EM37N12, 8EM65N12; 110-326, -329, -330, -331, -333, -342, -343, -345, -347, -348, -349, -356, -357, -358, -363, -365, -367, -368, -370, -373, -374, -375, -377, -379, -383, -385, -388, -390, -391, -396, -397, -405, -406
Note: Plug Type MM



M5-269
Regulator
24 Volt, A-Circuit, 28.4 Vset

For: Motorola / Prestolite 8EA, 8EM Series Alternators
Replaces: Motorola / Prestolite 8RC3012A, 105-269
Unit Nos: Motorola / Prestolite 8EA3002G, 8EM3001G, 8EM3001GA, 8EM3003G, 8EM3003GA, 8EM42N24; 110-371, -378, -384
Note: Plug-Type MM

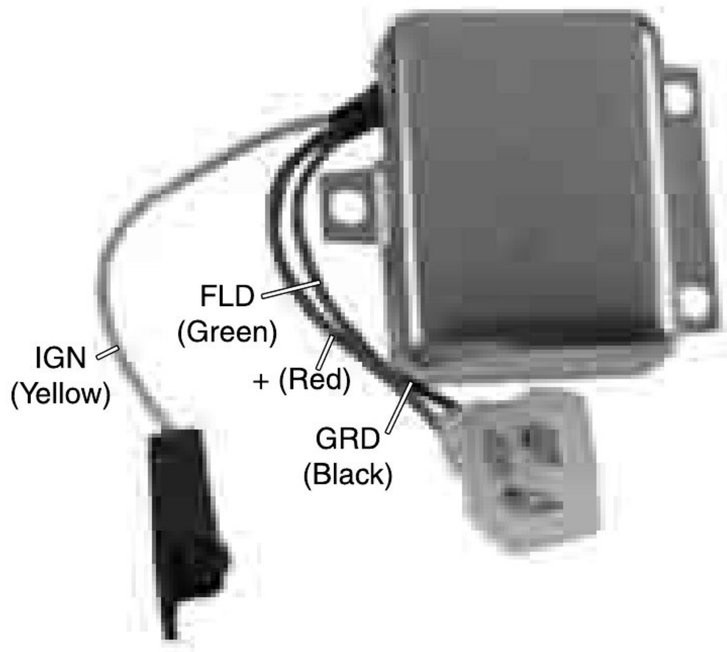


M5-130
Regulator
12 Volt, B-Circuit, 15.2 Vset

For: Motorola / Prestolite 12N, A/8AL, HA, MA Series Alternators w/ Isolation Diode
Replaces: Motorola / Prestolite 8RH2004A;
105-49, -62, -72, -130
Terminal ID: Plug Type A-1, Wiring Code 3
Red Isolation Diode (+), Black Ground, Green Field, Yellow Ignition.
Note: For adjustable voltage use M5-130A.

M5-130A
(Ref# 35-400)
Regulator
12 Volt, B-Circuit, 15.2 Vset

Same as M5-130 except...
Features:
- Adjustable voltage

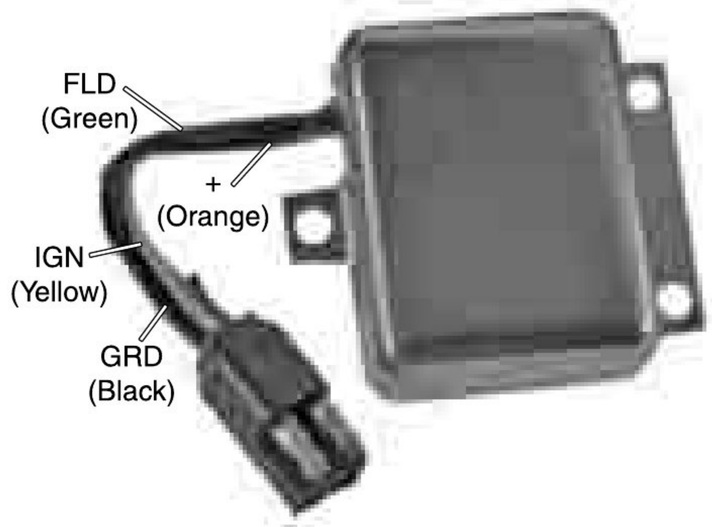


M5-137A
(Ref# 35-405)
Regulator
12 Volt, B-Circuit, 15.2 Vset

For: Motorola / Prestolite A12N, MA12N Series Alternators
Replaces: Motorola / Prestolite 8RH2004B;
105-13, -20, -36, -37, -137
Unit Nos: Motorola / Prestolite 8MA2001, A12NJD451, A12NJD452, A12NJD602, A12NJD603, MA12NJD451, MA12NJD601, MA12NJD602, MA12NJD603, MA12NJD604, Y3N3LE/A1, Y3N3LE/S, Y3N3S, Y3N3S-1, Y5N3S/A1, Y5N3S/D, Y5N3S-1, Y5N3SE/A1, Y5N3SE/S, Y5N3S-H;
110-27, -31, -41, -110
Lester Nos: 7353, 7354, 7423, 7432
Terminal ID: Plug-Type C-1; Wiring Code 3
Red Isolation Diode (+), Black Ground, Green Field, Yellow Ignition
Features:
- Adjustable voltage

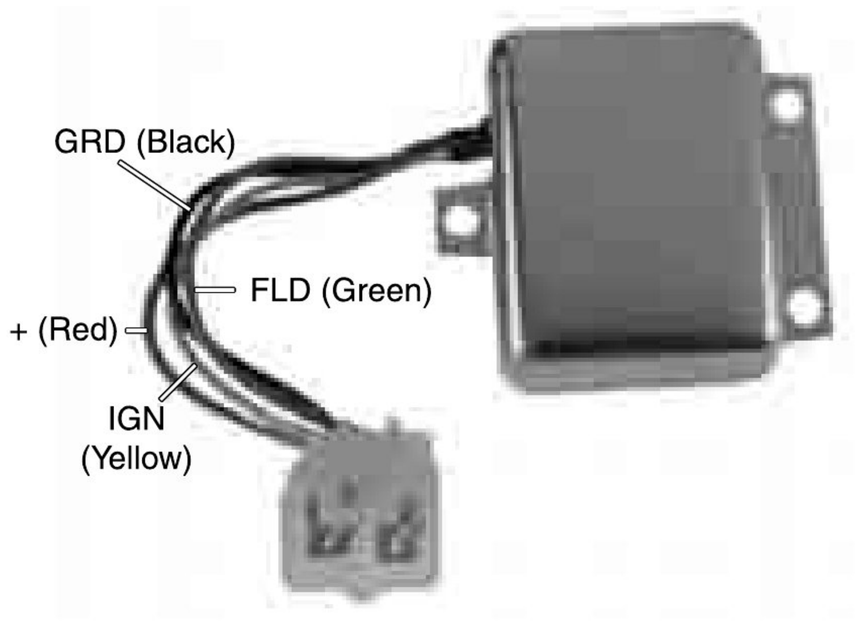
ALTERNATOR - REGULATORS (TRANSPO)

MOTOROLA (cont'd.)



M5-138A
Regulator
12 Volt, B-Circuit, 15.2 Vset

For: Motorola / Prestolite A12N Series Alternators
Replaces: Motorola / Prestolite 8RH2004C, 105-138
Unit Nos: Motorola / Prestolite A12NAM455, A12NAM552, A12NAM553, A12NAM604, A12NAM605; 110-36, -37, -45, -46, -49
Lester Nos: 7091, 7395
Terminal ID: Plug-Type E; Wiring Code 5
Orange Isolation Diode (+), Black Ground, Green Field, Yellow Ignition
Features:
• Adjustable voltage

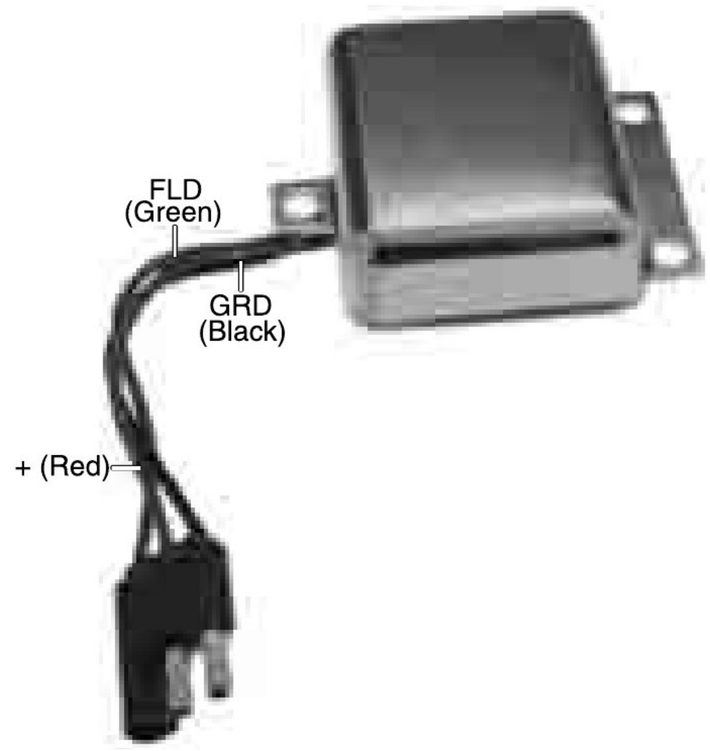


M5-146
Regulator
12 Volt, B-Circuit, 15.2 Vset

For: Motorola / Prestolite 8AL, A12N Series Alternators
Replaces: Motorola / Prestolite 8RH2004D, E; 105-139, -146
Unit Nos: Motorola / Prestolite 8AL2004F, 2005F, 2006F, 2007F, 2008K, 2009K, 2020L; A12NAM456, 457, 606, 607; A12NJD454; 110-30, -101, -102, -118, -119, -120
Lester Nos: 7353, 7391, 7395
Terminal ID: Plug-Type N; Wiring Code 3
Red Isolation Diode (+), Black Ground, Green Field, Yellow Ignition.
Note: For adjustable voltage use M5-146A.

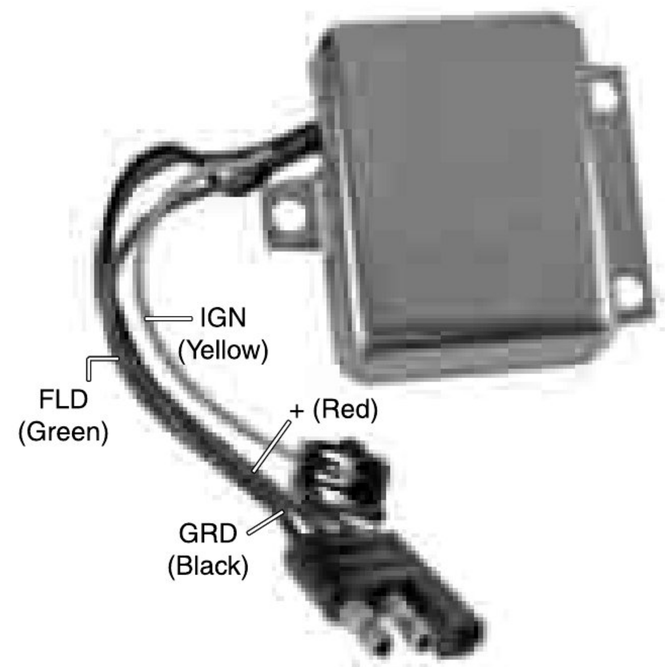
M5-146A
Regulator
12 Volt, B-Circuit, 15.2 Vset

Same as M5-146 except...
Features:
• Adjustable voltage



M5-148A
Regulator
24 Volt, B-Circuit, 28.0 Vset

For: Motorola / Prestolite 8MA, A24N, MA24N Series Alternators
Replaces: Motorola / Prestolite 8RD3019, 8RD3024A; 105-148, -157; Thermo King 44-2349
Unit Nos: Motorola / Prestolite 24/32SA104A, 24/32SA104B, 24/32SA107A, 24/32SA107B, 8MA3006F, 8MA3007F, 8MH3005F, A24N900, A24N900D, A24N901, A24N901D, A24NEB900, A24NWM901, HA24-900, HA24N900, MA24-900, MA24-902, MA24N900, MA24N900D, MA24NTK901R, MH24-902; 110-13, -24, -25, -64, -65, -70, -71, -131, -132, -245
Lester Nos: 7370, 7371, 7385, 7398, 7433, 7434, 7488, 7493
Terminal ID: Plug-Type A; Wiring Code 1
Red Trio (+), Black Ground, Green Field
Features:
• Adjustable voltage



M5-150A
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8MH Series Alternators
Replaces: Carrier 10-00265-01; Motorola / Prestolite 8RD2018, 8RD2023, 8RD2029; 105-136, -150, -191
Unit Nos: Motorola / Prestolite 8HA2001L, 8HR2002L, 8MA2005F, 8MH2002P, 8MH2003K, 8MH2004F, 8MH2006K, 8MH2007P, 8MH2008P, MA12-451, MH12-451, MH12N602; 110-72, -73, -84, -129, -130, -133, -134, -142, -200, -211
Lester Nos: 7372, 73; 7412, 16, 17, 18, 19, 74, 92
Terminal ID: Plug-Type A-1; Wiring Code 4
Red Trio (+), Black Ground, Green Field, Yellow Ignition
Features:
• Adjustable voltage



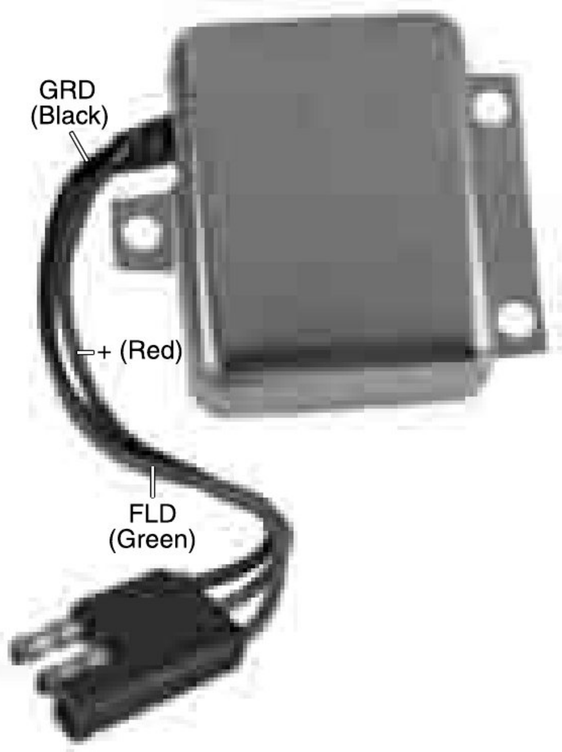
M5-156A
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8SA, 12SA Series Alternators
Replaces: Motorola / Prestolite 8RD2020, 8RD2022, 8RH2003K; 105-154, -156, -211
Unit Nos: Motorola / Prestolite 8MH2001P, 8SA2009R, 8SA2010R, 8SA2013N, 8SA2014R, 8SA2015R, 12SA101A, 12SA101B, 12SA102A, 12SA102B, 12SA105A, 12SA105B, 12SA106A, 12SA106B, 12SA109A, 12SA109B, 12SA201, MH12N601, MH12NJC551; 110-21, -22, -48, -63, -89, -135, -136, -191, -201
Lester Nos: 7350, 7402, 7409, 7412
Terminal ID: Plug-Type A; Wiring Code 1
Red Trio (+), Black Ground, Green Field
Features:
• Adjustable voltage



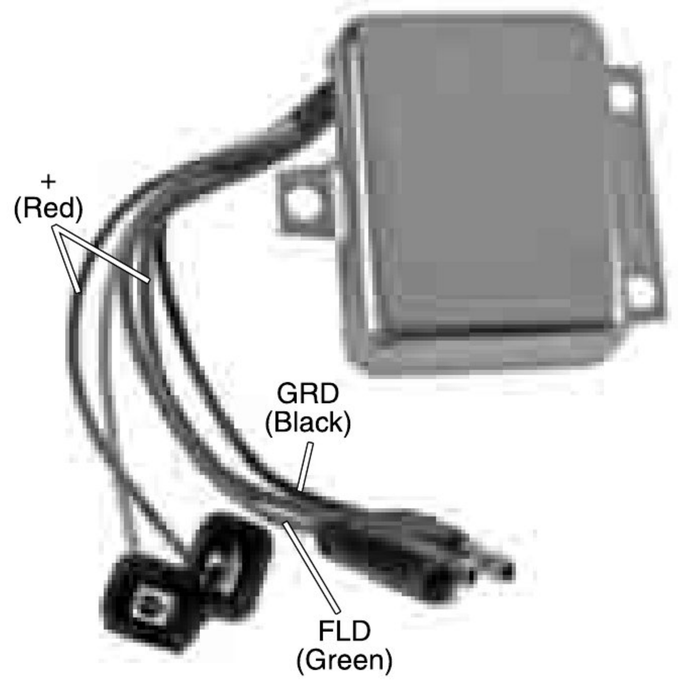
M5-174A
Regulator
12 Volt, B-Circuit, 14.1 Vset

For: Motorola / Prestolite 8AL Series Alternators
Replaces: Motorola / Prestolite 8RH2002, 105-174
Unit Nos: Motorola / Prestolite 8AL2046F, 8AL2047F, 8AL2048F, 8AL2049K
Lester Nos: 7394, 7443
Terminal ID: Plug-Type E; Wiring Code 6
Orange Trio (+), Black Ground, Green Field, Yellow Ignition
Features:
• Adjustable voltage



M5-177A
Regulator
24 Volt, B-Circuit, 28.0 Vset

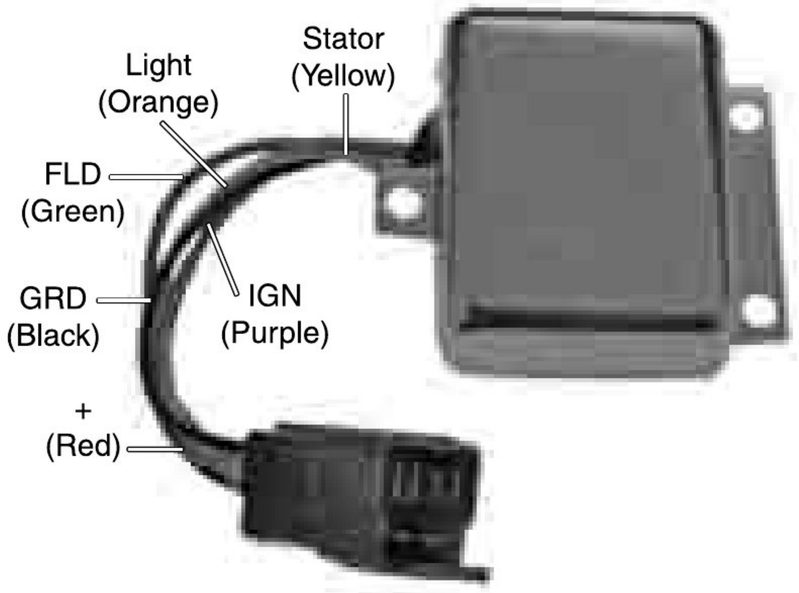
For: Motorola / Prestolite 8EB Series Alternators
Replaces: Motorola / Prestolite 8RD3025A, 8RH3016K; 105-161, -177; Thermo King 44-4932
Unit Nos: Motorola / Prestolite 8EB3001G, 8SA3005P, MH24N901; 110-59, -124, -338
Lester Nos: 7338, 7392
Terminal ID: Plug-Type A; Wiring Code 1
Red Trio (+), Black Ground, Green Field
Features:
• Adjustable voltage



M5-204A
Regulator
12 Volt, B-Circuit, 14.2 Vset

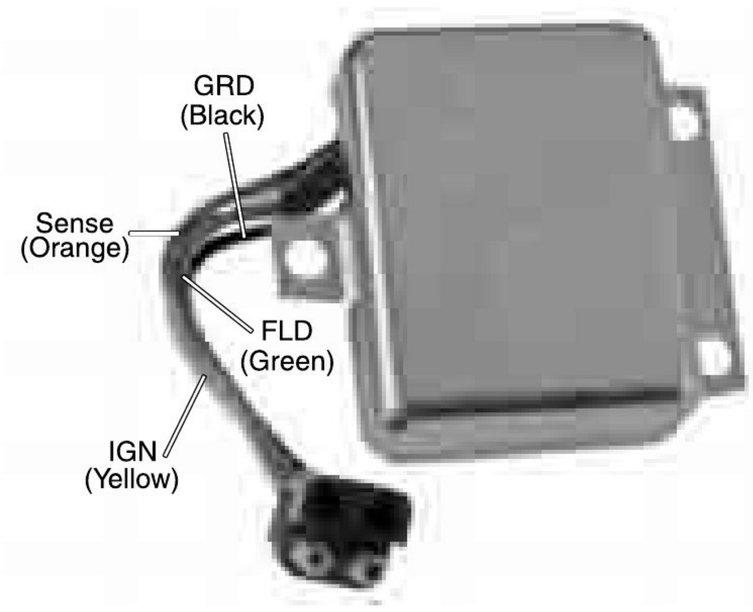
For: Motorola / Prestolite Alternators
Replaces: Motorola / Prestolite 8RD2031, 105-204
Terminal ID: Plug-Type: D-D; Wiring Code 1
Red Trio (+), Black Ground, Green Field.
Features:
• Adjustable voltage

MOTOROLA (cont'd.)



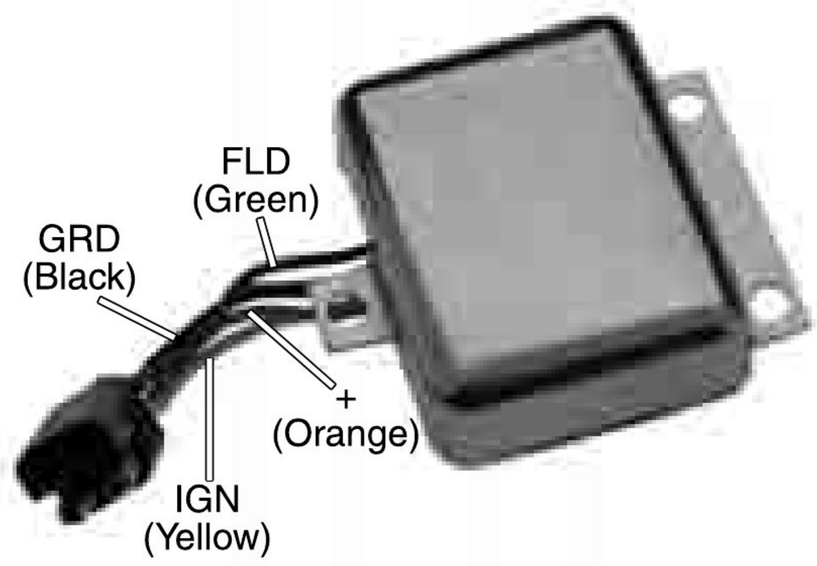
M5-216
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8TA, TA12N Series Alternators
Replaces: Motorola / Prestolite 8RD2008, 8RD2037; 105-113, -216
Unit Nos: Motorola / Prestolite 8MA2002K, 8TA2005D, 8TA2006D, 8TA2007D, TA12NJD325, TA12NJD327, TA12NJD400; 110-50, -98, -99, -170
Lester Nos: 7359, 7360, 7432, 7449, 7456, 8053
Terminal ID: Plug-Type: D; Wiring Code 11
Red Positive (+), Black Ground, Green Field, Yellow Stator, Orange Light, Purple Ignition



M5-223A
Regulator
12 Volt, B-Circuit, 13.8 Vset

For: Motorola / Prestolite 8LHA, 8SA Alternators
Replaces: Motorola / Prestolite 8RD2035, 8RG2025, 8RH2025, 8RH2029; 105-210, -223, -232, -233
Unit Nos: Motorola / Prestolite 8LHA2024R, 8SA2024R; 110-251
Terminal ID: Plug-Type E; Wiring Code 7
Orange Sense (+), Black Ground, Green Field, Yellow Ignition (+)
Features:
- Adjustable voltage



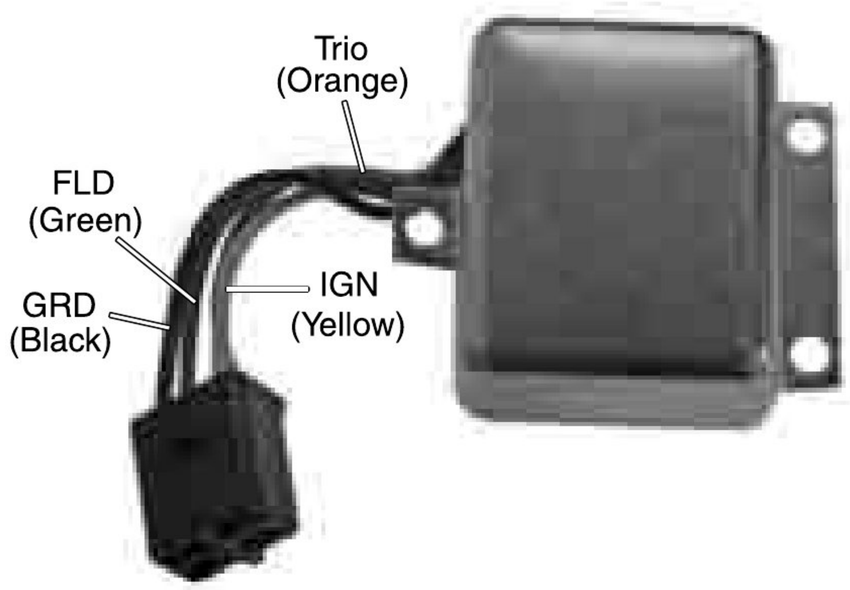
M5-228A
Regulator
12 Volt, B-Circuit, 14.1 Vset

For: Motorola / Prestolite 8AL Series Alternators
Replaces: Motorola / Prestolite 8RH2006, 8RH2023, 8RH2026, 8RH2032; 105-205, -228, -230
Unit Nos: Motorola / Prestolite 8AL2080K, 8AL2095K, 8AL2096K, 8AL2099K, 8AL2100L; 110-249, -746, -753, -778, -779
Terminal ID: Plug-Type E; Wiring Code 6
Orange Trio (+), Black Ground, Green Field, Yellow Ignition
Features:
- Adjustable voltage



M5-274A
Regulator
32 Volt, B-Circuit, 38.4 Vset

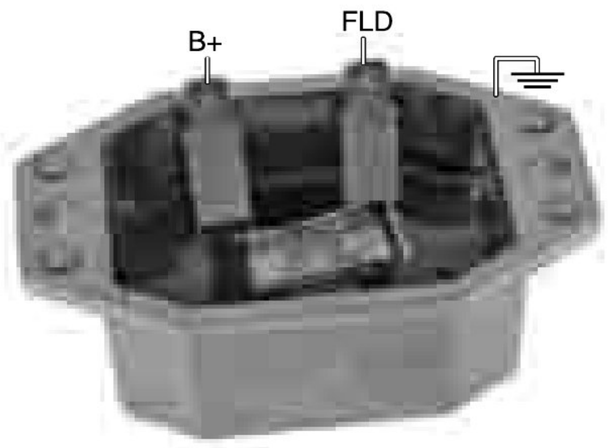
For: Motorola / Prestolite Alternators
Replaces: Motorola / Prestolite 8RD4039, 8RV4001, 8RV4010; 105-74, -94, -274
Terminal ID: Plug-Type A; Wiring Code 2
Red Isolation Diode (+), Black Ground, Green Field
Features:
- Adjustable voltage



M5-701
(Ref# 35-401)
Regulator
12 Volt, B-Circuit, 14.2 Vset

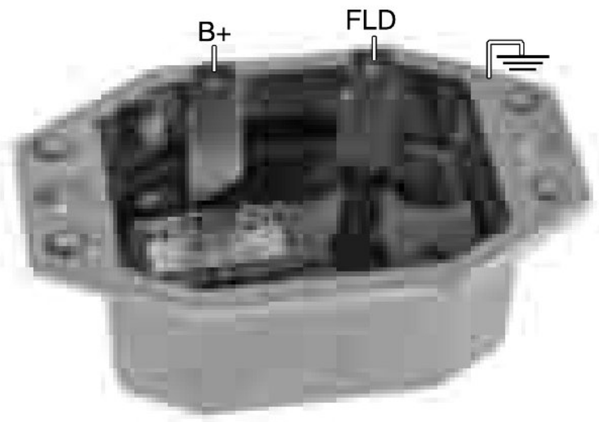
For: Motorola / Prestolite 8AL Series Alternators wo/ Isolation Diode
Replaces: Motorola / Prestolite 8RH2012; 105-76, -118, -134, -144, -701
Terminal ID: Plug Type: R, Wiring Code: 6
Orange Trio (+), Black Ground, Green Field, Yellow Ignition

NIKKO



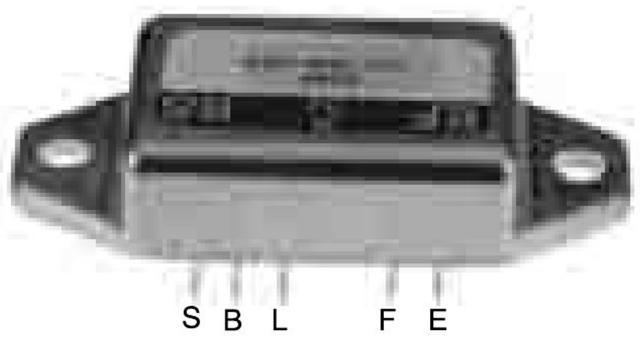
IZ226
(Ref# 35-8400)
Regulator
24 Volt, A-Circuit, 27.5 Vset

For: Nikko IR/EF Alternators
Used On: Isuzu Industrial, Komatsu
Replaces: Isuzu 1-81251-004-0, 1-81251-024-0, 1-81251-025-0, 5-81251-012-0;
Nikko 1-44000-0580, -0730, -0740
Unit Nos: Nikko 0-33000-2200, 0-33000-2280, 0-33000-2290, 0-33000-2841, 0-33000-2870, 0-33000-2871, 0-33000-2880, 0-33000-3070, 0-33000-3071, 0-33000-3111, 0-33000-3130, 0-33000-3700, 0-33000-3710, 0-33000-3760, 0-33000-3810, 0-33000-3970, 0-33000-4010, 0-33000-4670, 0-33000-4750, 0-33000-5100, 0-33000-5280, 0-39000-0060, 0-39000-0120
Terminal ID: B+, F
Features:
• Superior loading



IZ227
(Ref# 35-8402)
Regulator
12 Volt, A-Circuit, 14.7 Vset

For: Nikko 30-35A IR/EF Alternators
Used On: White
Replaces: Isuzu 5-81251-013-0; Nikko 1-44000-0660
Unit Nos: Isuzu 5-81200-291-0, 5-81200-300-0, 5-81200-322-0, 5-81200-332-0;
Nikko 0-33000-4050, 0-33000-4150, 0-33000-4330, 0-33000-4331
Lester Nos: 12269
Terminal ID: B+, FLD
Features:
• OE compliant circuit



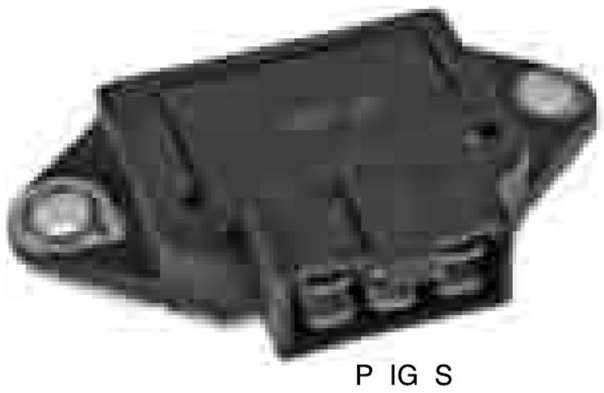
IZ228
(Ref# 35-8401)
Regulator
24 Volt, A-Circuit, S-B-L-F-E Terminals, 29.2 Vset

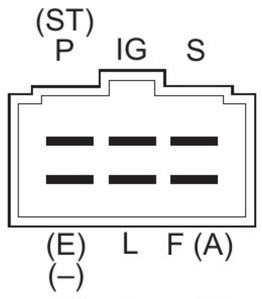
For: Nikko IR/EF Alternators
Used On: Isuzu, Komatsu, Nissan (Diesel)
Replaces: Isuzu 1-81260-004-0, 1-81260-005-0, 1-81270-001-0, 8-94173-052-0;
Nikko 1-44000-0900; 7-44000-0900,-0901, -0903, -0905, -0906, -0920; Nissan 23500-99009
Unit Nos: Nikko 0-35000-0290, 0-35000-3013, 0-35000-3020, 0-35000-3070
Dim: 50mm Mtg. Length

ALTERNATOR - REGULATORS (TRANSPO)

NIPPONDENSO

External Regulated





Plug Code 131

IN223

(Ref# 35-8207-1)

Regulator

12 Volt, A-Circuit, P-IG-S-F-L-E Terminals, 14.4 Vset

For: Nippondenso 60A ER/EF Alternators
Used On: (1987-82) Honda
Replaces: Honda 31400-SA5-004, 31400-SA5-671, 31400-SB0-004; Nippondenso 126000-0301, -0302, -0420
Unit Nos: Nippondenso 021000-977, 021000-983, 121000-032
Lester Nos: 14593, 14761
WAI Ref. Nos: 1-1006-01ND, 1-1021-01ND
Dim: 71mm Mtg. Length



IN550

Regulator

12 Volt, A-Circuit, E-F-IG Terminals, 14.2 Vset

For: Nippondenso ER/EF Alternators
Used On: Caterpillar
Replaces: Caterpillar 4N5110; Nippondenso 026000-2380
Unit Nos: Caterpillar 4N4540, 6N5460; Nippondenso 021000-303, 021000-497
Lester Nos: 12024, 12054



IN554

Regulator

12 Volt, B-Circuit, E-F-IG Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators
Used On: Toyota
Replaces: Nippondenso 026000-2370, -2371; Toyota 27700-16081, -16082, -16083, -16084, -60080, -60090
Lester Nos: 14130, 14163
WAI Ref. Nos: 1-1064-01ND



IN551-1

Regulator

12 Volt, B-Circuit, IG-N-F-E-L-B (IG) Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators
Used On: (1982-72) Toyota
Replaces: Nippondenso 026000-0400, -1140, -1142, -1202, -1321, -1341, -1720, -1730, -1740, -1741, -1742, -1750, -1751, -1800, -1801, -1810, -1871, -2430, -2431, -2432, -3190, -3231, -3240, -3250, -3330, -3340, -3350, -3591, -3700, -3701, -3810, -3860, -3861, -4120, -4130, -4190, -4200; Toyota 27700-10110, -13010, -13020, -13040, -13050, -15010, -15011, -15030, -22000, -22010, -22011, -22012, -24010, -31010, -31011, -33010, -33011, -34020, -36010, -36020, -38021, -40020, -40021, -40041, -41040, -44010, -44020, -51010, -51011, -51012, -51013
Unit Nos: Nippondenso 021000-160, -306, -505, -507, -508, -560, -664, -793, -799, -809, -101; Toyota 27020-13020, -13021, -13022, -13130, -16030, -18011, -23011, -23020, -23022, -24062, -24063, -31043, -31080, -61150
Lester Nos: 14129, 14130, 14163, 14338, 14339, 14342, 14343, 14366, 14385
WAI Ref. Nos: 1-1064-01ND, 1-1067-01ND, 1-1078-01ND



IN555

Regulator

12 Volt, B-Circuit, IG-N-F-E-L-B (IG) Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators
Used On: Toyota
Replaces: Nippondenso 026000-1650, -2121, -2310, -2550, -2680; Toyota 27700-41010, -41011, -41012, -41020
Lester Nos: 14131



IN558
Regulator
12 Volt, B-Circuit, IG-N-F-E-L-B (IG) Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators
Replaces: Hino 2770A-38020; Nippondenso 026000-2540; Toyota 27700-26020, -28010, -38010, -38020



IN560
Regulator
12 Volt, B-Circuit, F-IG-L-N-E Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators
Replaces: Honda 31400-611-024; 31400-634-671, -761; 31400-642-004; 31400-657-611, -671, -672, -673; 31400-659-003; 31400-SA0-671, -672; Nippondenso 026000-2340
Note: With choke drive



IN562
Regulator
12 Volt, B-Circuit, F-IG-L-N-E Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators
Used On: (1983-75) Honda
Replaces: Honda 31400-611-014, 31400-634-670; 31400-657-003, -004, -667; 31400-SAO-003, -013, -671, -672; Nippondenso 026000-2341, -2410, -2411, -2421, -2580, -2900, -3270, -3640
Unit Nos: Honda 31100-657-024; 31100-671-004, -024; 31100-689-004, -014, -910, -971; 31100-PA0-663; 31100-PA6-000, -004, -014, -901, -Y00; 31100-PB1-014; 31100-PB2-000, -004, -970; 31100-PB3-970, -971; 31100-PC0-004, -014; 38760-657-812; Nippondenso 021000-421, -541, -565, -755, -756, -841, -871, -872, -904, -909, -912, -913, -914, -915, -982, -991
Lester Nos: 14131, 14155, 14158, 14184, 14540, 14617, 14734, 14850
WAI Ref. Nos: 1-1005-01ND, 1-1014-01ND, 1-1014-02ND, 1-1018-01ND, 1-1056-01ND



IN567
Regulator
12 Volt, A-Circuit, IG-B-F-L-E Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators
Used On: (1984-78) Toyota
Replaces: Nippondenso 026000-3450, -3650, -7010; Toyota 27700-38110, -38113, -54020
Unit Nos: Nippondenso 021000-774, -857; Toyota 27020-35050, -38110, -38111
Lester Nos: 14274, 14552
WAI Ref. Nos: 1-1071-01ND, 1-1073-01ND



IN569-1
Regulator
12 Volt, B-Circuit, IG-B-F-L-E-N (IG) Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators
Used On: Toyota
Replaces: Nippondenso 026000-2960, -3210, -3310, -3420, -3430, -3500, -3610, -3660, -3680, -3721; Toyota 27700-24020, -26030, -27010, -27020, -27030, -27040, -27050, -28020, -31021, -31022, -38040, -38050, -38060, -38070, -38080, -38081, -38120, -54030
Lester Nos: 14181, 14273
WAI Ref. Nos: 1-1032-01ND, 1-1577-01ND

NIPPONDENSO

External Regulated (cont'd.)



IN578-1
Regulator
12 Volt, B-Circuit, IG-N-F-E-L-B Terminals, 14.3 Vset
For: Nippondenso ER/EF Alternators
Used On: (1982-80) Toyota
Replaces: Nippondenso 026000-3851; Toyota 27700-13060, 27700-35010
Unit Nos: Nippondenso 021000-615, -808, -820; Toyota 27020-13090, -15040, -26101, -26102
Lester Nos: 13171, 14273, 14342, 14343
WAI Ref. Nos: 1-1032-01ND, 1-1047-02ND, 1-1078-01ND



IN579
Regulator
12 Volt, B-Circuit, IG-N-F-E-L-B Terminals, 14.3 Vset
For: Nippondenso ER/EF Alternators
Used On: Suzuki (South America)
Replaces: Nippondenso 026000-3670; Suzuki 32500-56011



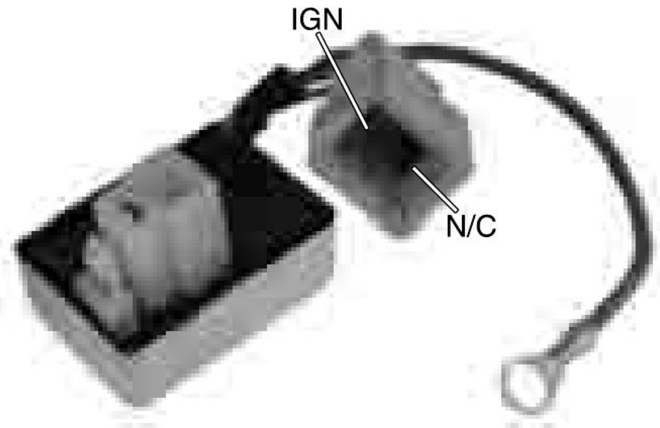
IN589-1
Regulator
12 Volt, B-Circuit, B-L-E-F-N-IG Terminals, 14.3 Vset
For: Nippondenso ER/EF Alternators
Used On: (1988-83) Toyota
Replaces: Nippondenso 026000-4050, -4051, -4070, -4180; Toyota 27700-13090, -63010, -63040, -72030
Unit Nos: Nippondenso 021000-826, -829; Toyota 27020-15100, -15110, -15120
Lester Nos: 14450, 14644, 14673
WAI Ref. Nos: 1-1047-01ND



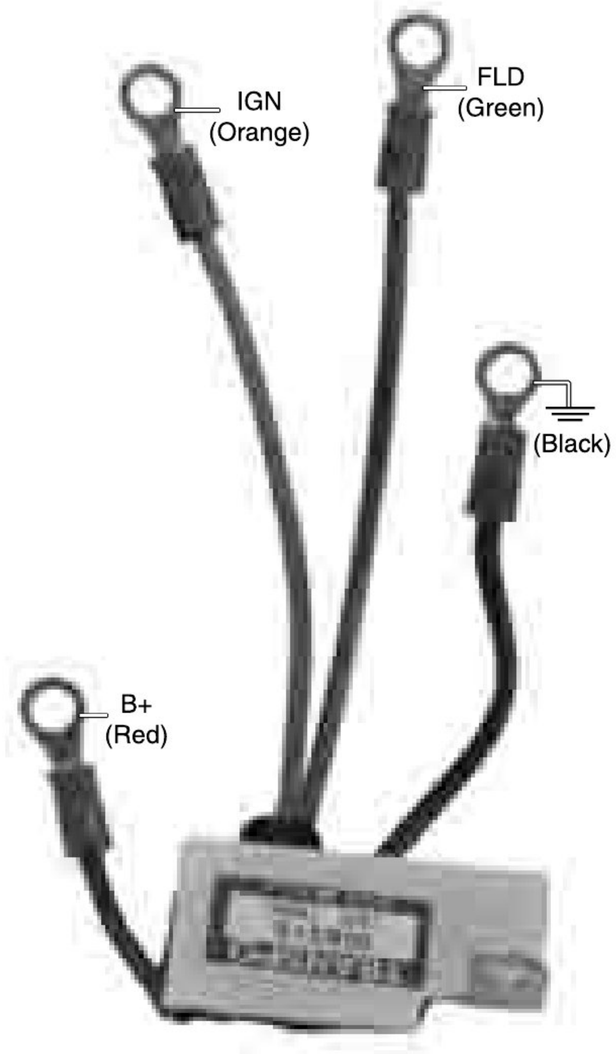
IN821
Regulator
12 Volt, B-Circuit, N-IG-L-E-F-B (IG) Terminals, 14.3 Vset
For: Nippondenso ER/EF Alternators
Used On: (1981) Isuzu; (1979-76) Opel
Replaces: GM 940225811; Isuzu 8-94205-960; Nippondenso 026000-2510
Unit Nos: GM 94201052, 94211350; Isuzu 8-94200-720-0, 8-94201-052-0, 8-94211-350-0, 8-94211-350-1; Nippondenso 021000-411, -420, -703
Lester Nos: 14131, 14155, 14540, 14734
WAI Ref. Nos: 1-1056-01ND



IN822-1
Regulator
12 Volt, B-Circuit, N-IG-L-B-F-E (IG) Terminals, 14.3 Vset
For: Nippondenso ER/EF Alternators
Replaces: GM 94208462; Isuzu 9-84221-129-0; Nippondenso 026000-2700



IN601
Conversion Regulator
12 Volt, B-Circuit, 14.3 Vset
For: Nippondenso ER/EF Alternators
Note: Converts externally regulated alternators to internally regulated:
Lester 14153 to 13140
Lester 14130 to 13140



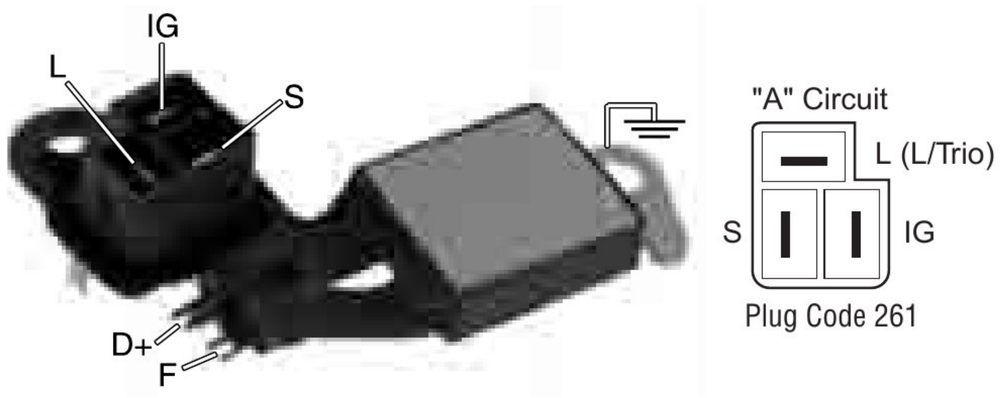
IN8315

Conversion Regulator

12 Volt, A-Circuit, 14.2 Vset

For: Nippondenso 40/90A ER/IF Alternators
Used On: (1992-85) Chrysler, Dodge, Plymouth
Unit Nos: Chrysler 4419338, 4491986, 5227349, 5227672, 5227673, 5233418, 5233449, 5233672, 5233949, 5234028, 5234029, 5252539;
Nippondenso 121000-243, -266, -268, -300, -330, -331, -333, -337, -339
Lester Nos: 13184, 13185, 13220, 13256, 13305, 13306, 13312, 14869
WAI Ref. Nos: 1-1490-01ND, -02ND, -03ND; 1-1503-01ND, -03ND; 1-1506-01ND, -03ND; 1-1507-01ND
Note: Attach to SRE Frame to bypass defective regulator in vehicle PCM/ECU.
Caution: NOT to be used on Chrysler Vehicles with Electronic Fuel Injection.
Terminal ID:
Red B+, Black Ground, Green Field, Orange Ignition.

Internal Regulated / External Fan



IN229

(Ref# 35-8202)

Regulator

12 Volt, A-Circuit, L-S-IG Terminals, 14.1 Vset

For: Nippondenso IR/EF Alternators
Used On: (1984-81) Toyota
Replaces: Nippondenso 126000-0170, -0450, -0490; Toyota 27700-43010, -44040
Unit Nos: Nippondenso 100211-050, 100211-053, 100211-054, 100211-055, 100211-056, 100211-059, 100211-060, 100211-061, 100211-063, 100211-064, 100211-065, 100211-066, 100211-067, 100211-070, 100211-071, 100211-075
Lester Nos: 14336, 14341, 14347, 14574
WAI Ref. Nos: 1-1035-01ND, 1-1048-01ND, 1-1048-02ND, 1-1061-01ND
Dim: 86mm Mtg. Length
Note: For heavy duty version use IN229HD
Components:
TRI300 Repair Circuit

IN229HD

(Ref# 35-8202-1)

Regulator

12 Volt, A-Circuit, L-S-IG Terminals, 14.1 Vset

Same as IN229 except...
Features:
• Heavy Duty



IN230

(Ref# 35-8222)

Regulator

12 Volt, A-Circuit, L-S-IG Terminals, 14.1 Vset

For: Nippondenso IR/EF Alternators
Used On: (1987-83) Isuzu
Replaces: Isuzu 8-94239-099-0, Nippondenso 126000-0270
Unit Nos: Isuzu 8-94231-307-0, 8-94231-307-2, 8-94232-081-1; Kubota 15451-99371;
Nippondenso 100211-042, 100211-058, 100211-099
Lester Nos: 14630
WAI Ref. Nos: 1-1241-01ND
Dim: 86mm Mtg. Length
Components:
TRI300 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

NIPPONDENSO

Internal Regulated / External Fan (cont'd.)



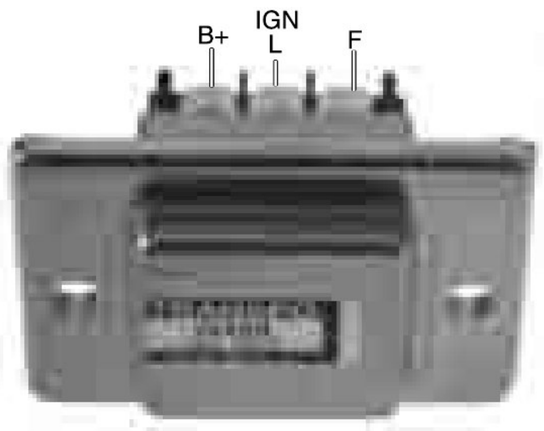
IN235

(Ref# 35-8208)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.1 Vset

For: Nippondenso IR/EF Alternators
Used On: (1992-84) Toyota
Replaces: Nippondenso 126000-0360, -0460, -0500, -0670; Toyota 27700-63030, 27700-72050
Unit Nos: Nippondenso 100211-068, 100211-073, 100211-076, 100211-078, 100211-087, 100211-093, 100211-257, 100211-263, 100211-298, 100211-299, 100211-576, 100211-593
Lester Nos: 14461, 14672
WAI Ref. Nos: 1-1049-01ND, 1-1416-01ND
Dim: 86mm Mtg. Length
Components:
TRI300 Repair Circuit

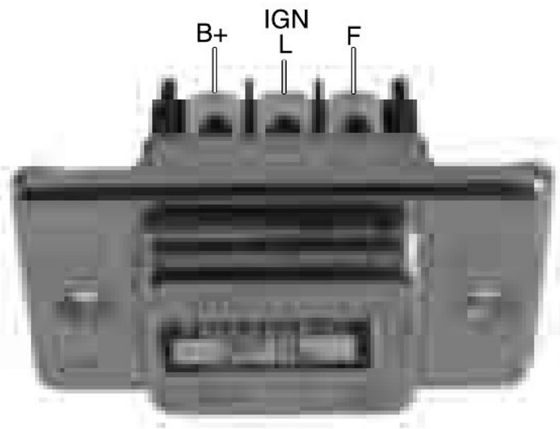


IN209

Regulator

12 Volt, A-Circuit, S-IG-F Terminals, 14.5 Vset

For: Nippondenso IR/EF Alternators
Used On: (1981-79) Toyota
Replaces: Nippondenso 126000-0101, -0120, -0141, -0310; Toyota 27700-28030, -38100, -41050, -45021
Unit Nos: Nippondenso 100211-004, -013, -019, -024, -030, -031, -033, -034, -036;
Toyota 27060-28010, -28011, -28012, -28020, -28040, -38032, -41012, -45020, -45050, -70010, -70020
Lester Nos: 13169, 14275, 14337, 14936
WAI Ref. Nos: 1-1034-01ND, 1-1059-01ND, 1-2174-01ND
Dim: 49mm Mtg. Length



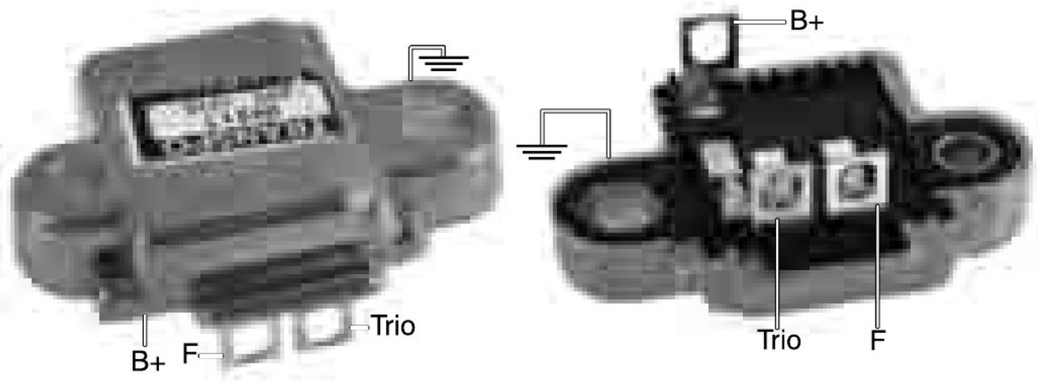
IN210

(Ref# 35-8201)

Regulator

12 Volt, A-Circuit, S-L-F Terminals, 14.5 Vset

For: Nippondenso IR/EF Alternators
Used On: (1981-78) Toyota
Replaces: Nippondenso 126000-0030, -0060, -0100, -0140; Toyota 27700-26050, -38100, -41050, -45020
Unit Nos: Nippondenso 021000-651, 021000-652, 021000-783, 021000-785, 100211-003, 100211-009, 100211-010, 100211-013, 100211-015, 100211-018, 100211-027
Lester Nos: 13140, 13169, 14275, 14337, 14340, 14375, 14384, 14573, 14936
WAI Ref. Nos: 1-1033-01ND, 1-1034-01ND, 1-1046-01ND, 1-1059-01ND, 1-1060-01ND, 1-1083-01ND, 1-2174-01ND
Dim: 49mm Mtg. Length



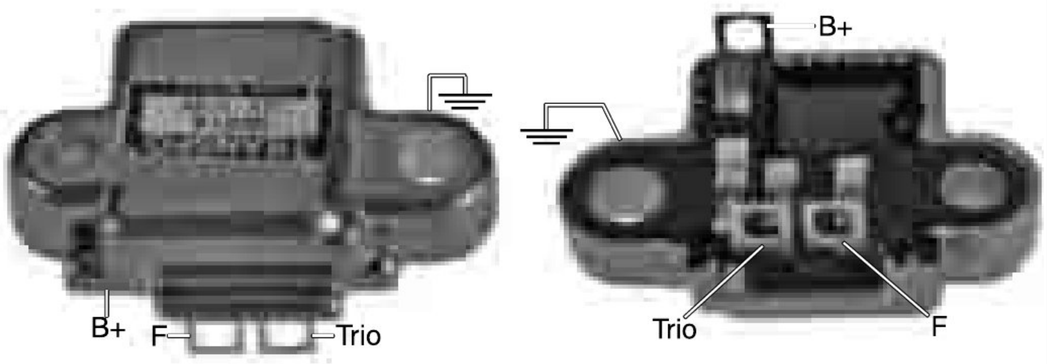
IN217

(Ref# 35-8223)

Regulator

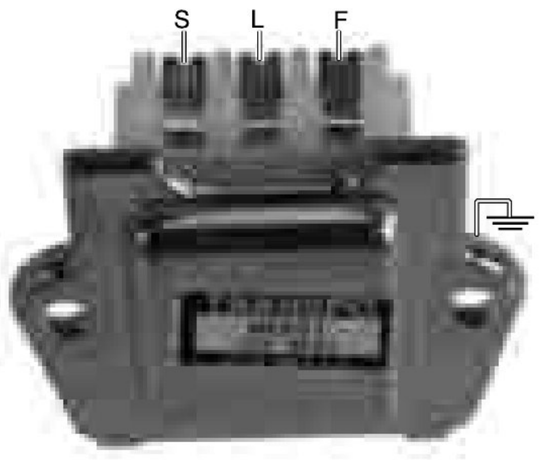
24 Volt, A-Circuit, S-G-F Terminals, 27.5 Vset

For: Nippondenso IR/EF Alternators
Used On: Toyota
Replaces: Nippondenso 126000-0200, -0260, -0790; Toyota 27700-57050
Unit Nos: Isuzu 1-81200-273-1; Nippondenso 100211-170
Dim: 44mm Mtg. Length



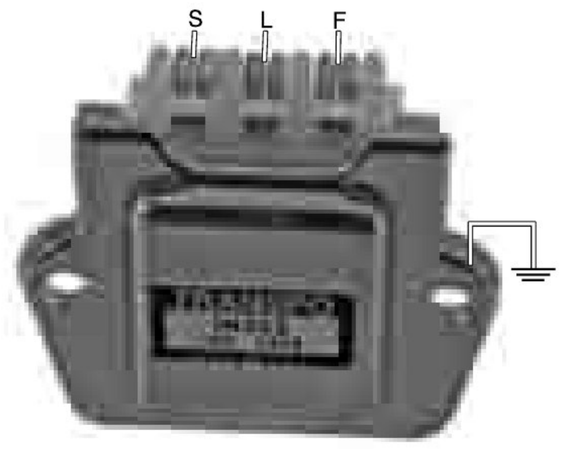
IN218
(Ref# 35-8203)
Regulator
12 Volt, A-Circuit, S-G-F Terminals, 14.2 Vset

For: Nippondenso IR/EF Alternators w/ Vacuum Pump
Used On: (1986-84) Toyota
Replaces: Nippondenso 126000-0180, -0520, -0770, -0820; Toyota 27700-57060, -64030
Unit Nos: Nippondenso 021000-940, 100211-172, 100211-173, 100211-275, 100211-571, 100213-008, 100213-013, 100213-020, 100213-022, 100213-023, 100213-025, 100213-026, 100213-029, 100213-030, 100213-033, 100213-037, 100213-061, 121000-029, 121000-064, 121000-073, 121000-094, 121000-097, 121000-116, 121000-129, 121000-139, 121000-174, 121000-236
Lester Nos: 14463, 14666, 14667, 14676, 14681
WAI Ref. Nos: 1-1027-01ND, 1-1072-01ND, 1-1074-01ND, 1-1942-01ND
Dim: 44mm Mtg. Length



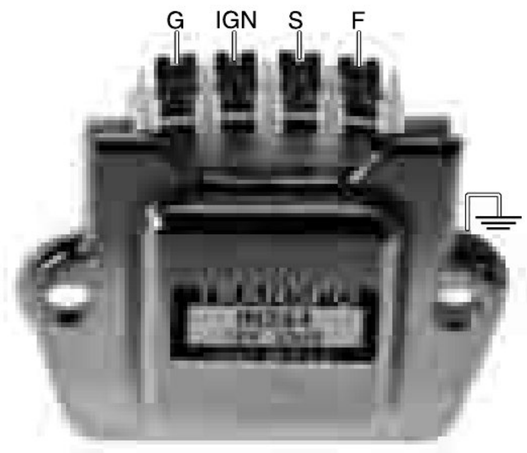
IN231
(Ref# 35-8200)
Regulator
12 Volt, A-Circuit, S-L-F Terminals, 14.4 Vset

For: Nippondenso IR/EF Alternators
Used On: Chrysler
Replaces: Nippondenso 126000-0070, Mitsubishi Motors MD604309
Unit Nos: Nippondenso 100211-012, 100211-014, 100211-032
Lester Nos: 14268, 14269
WAI Ref. Nos: 1-1223-01ND
Dim: 46mm Mtg. Length
Note: Not interchangeable w/ IN232



IN232
(Ref# 35-8211)
Regulator
12 Volt, A-Circuit, S-IG-F Terminals, 14.3 Vset

For: Nippondenso IR/EF Alternators
Used On: Caterpillar
Replaces: Caterpillar 7N5961, Nippondenso 126000-0020
Unit Nos: Nippondenso 021000-736, 021000-842, 021000-846, 100211-001, 100211-023, 100211-025
Lester Nos: 12001
WAI Ref. Nos: 1-2287-01ND
Dim: 46mm Mtg. Length
Note: Not interchangeable w/ IN231



IN234
(Ref# 35-8206)
Regulator
12 Volt, A-Circuit, G-IG-S-F Terminals, 14.4 Vset

For: Nippondenso IR/EF Alternators
Used On: John Deere
Replaces: John Deere AR88018, RE28438; Nippondenso 126000-0050, -0870
Unit Nos: Nippondenso 100211-007, 100211-008, 100211-0081, 100211-028, 100211-029
Lester Nos: 13143
WAI Ref. Nos: 1-2236-10ND
Dim: 47.5mm Mtg. Length

ALTERNATOR - REGULATORS (TRANSPO)

NIPPONDENSO

Internal Regulated / External Fan (cont'd.)

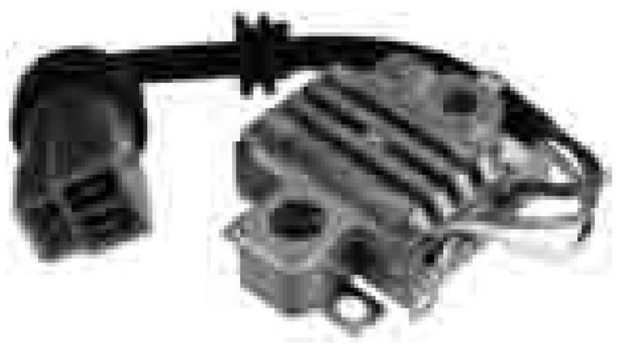


IN233

Regulator

24 Volt, A-Circuit, 28.0 Vset

For: Nippondenso IR/EF Alternators
Used On: Caterpillar
Replaces: Caterpillar 7T2798, Nippondenso 126000-0380
Unit Nos: Nippondenso 100211-086, 100211-089
Lester Nos: 12059, 12060
Dim: 56mm Mtg. Length
Components:
TRI233 Repair Circuit



IN920

(Ref# 35-8245)

Regulator

12 Volt, A-Circuit, L-S-IG Terminals, 14.3 Vset

For: Nippondenso IR/EF Alternators
Used On: Hino, Toyota Industrial
Replaces: Nippondenso 126000-0920, -1421, -1460; 27000-64040, -64110
Unit Nos: Nippondenso 100213-075, -076, -081, -092, -095, -096, -098, -121, -142, -145, -150, -275; 121000-275, -502
Lester Nos: 12214
Dim: 43mm Mtg. Length
Note: IN920 is similar to IN921 except:
IN920: rectangular 3-terminal plug
IN921: round 3-terminal plug



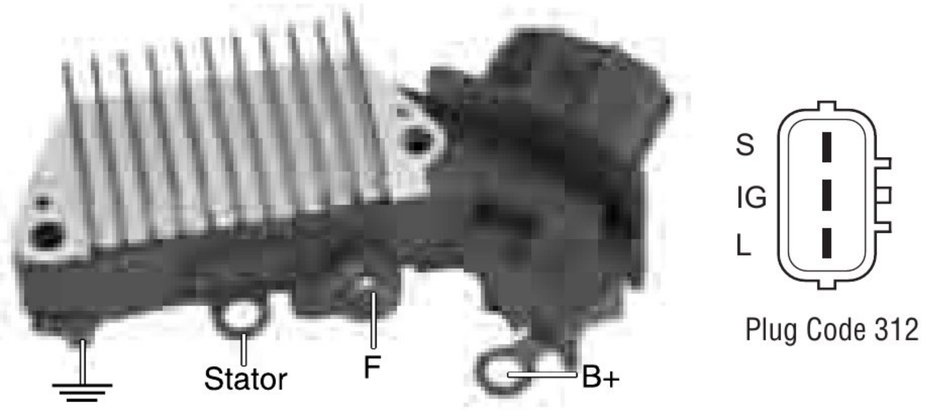
IN921

Regulator

12 Volt, A-Circuit, S-L-IG Terminals, 14.0 Vset

For: Nippondenso IR/EF Alternators
Used On: Hino, Isuzu, Toyota Industrial
Dim: 43mm Mtg. Length
Note: IN921 is similar to IN920 except:
IN920: rectangular 3-terminal plug
IN921: round 3-terminal plug

Internal Regulated / Internal Fan



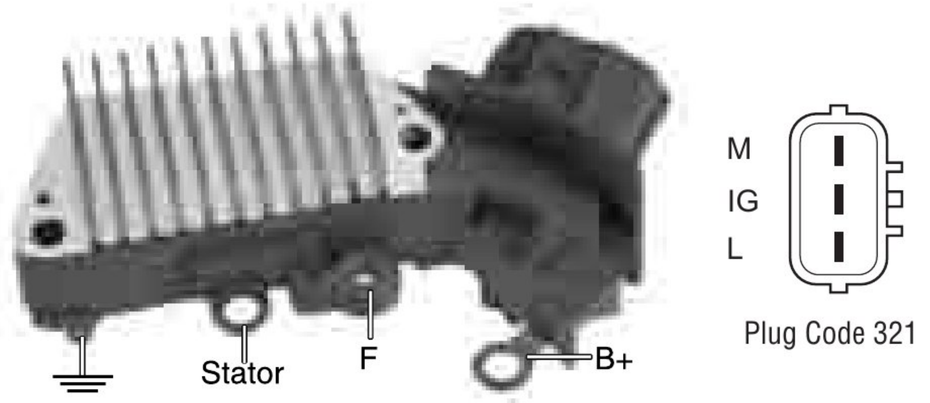
IN441

(Ref# 35-8234-1)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset, w/ LRC

For: Nippondenso IR/IF Alternators
Used On: (2005-93) Lexus, Mazda, Pontiac, Toyota
Replaces: Mazda KJ01-18-W70, KL47-18-W51; Nippondenso 126000-1810, -1850*, -1870, -2000, -2260**; Toyota 27700-20050, -46060, -62010, -64130
Unit Nos: Nippondenso 101211-545, -556, -562, -571, -702, -707, -709, -712, -717, -752, -767, -775, -780, -784, -906, -910, -916, -935, -941, -960, -971, -978; 102211-059, -065, -162, -190, -192, -199, -200, -248
Lester Nos: 13545, 547, 552, 558, 687, 688, 706, 732, 747, 748, 755, 791, 806, 844, 878, 879, 958
WAI Ref. Nos: 1-1843-01ND, 1-1864-01ND, 1-1934-01ND, 1-1934-02ND, 1-1975-01ND, 1-2050-01ND, 1-2085-01ND, 1-2086-01ND, 1-2138-01ND, 1-2138-02ND, 1-2140-01ND, 1-2144-01ND, 1-2181-01ND, 1-2181-02ND, 1-2190-01ND, 1-2277-01ND, 1-2277-02ND, 1-2367-01ND, 1-2371-01ND, 1-2372-01ND, 1-2373-01ND, 1-2543-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.
*126000-1850 wo/ LRC
**126000-2260 14.1 Vset

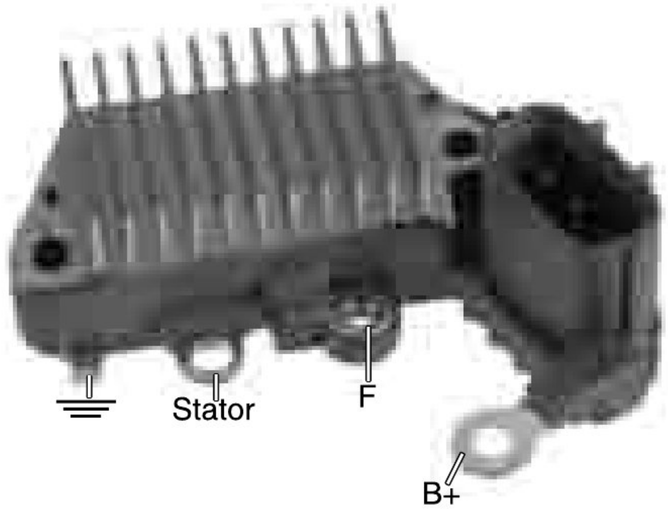


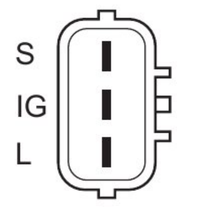
IN447

Regulator

12 Volt, A-Circuit, M-IG-L (M-Terminal is 'Frequency') Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (2004-00) Toyota
Replaces: Nippondenso 126000-3130, -3131, -3170, -3171; Toyota 27700-21020
Unit Nos: Nippondenso 102211-196, -526, -538; Toyota 27060-21010, -21020, -21040
Lester Nos: 13857, 13896
WAI Ref. Nos: 1-2359-01ND, 1-2368-01ND, 1-2408-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.





Plug Code 312

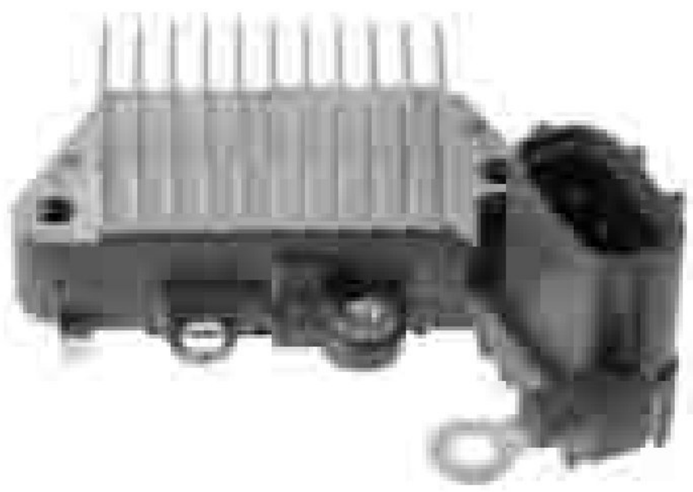
IN257

(Ref# 35-8242)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1998-93) Toyota
Replaces: Nippondenso 126000-1630, Toyota 27700-11060
Unit Nos: Nippondenso 101211-213, Toyota 27060-11250
Lester Nos: 13485
WAI Ref. Nos: 1-1840-01ND
Dim: 57.5mm Mtg. Length
Note: L-terminal is an output terminal.
Components:
TRI257 Repair Circuit

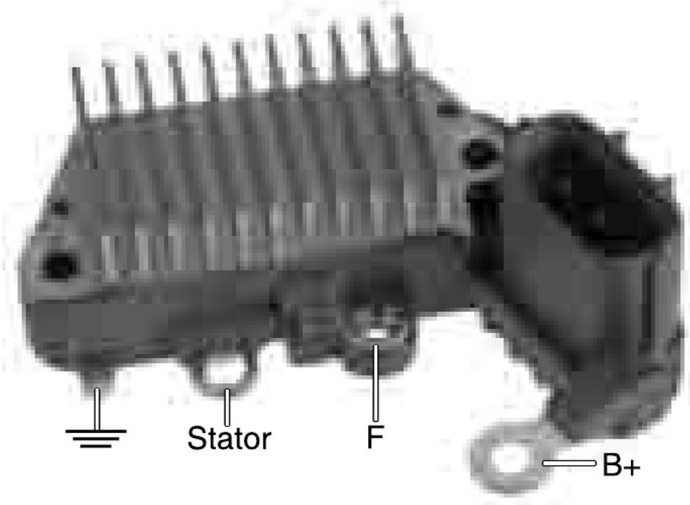


IN258

Regulator

12 Volt, A-Circuit, D-IG-L Terminals, 14.4 Vset

For: Nippondenso IR/IF Alternators
Used On: XiaLi Automobiles (China)
Replaces: Nippondenso 126000-2490
Unit Nos: Toyota 27060-87726
Dim: 57.5mm Mtg. Length
Note: L-terminal is not an output terminal, wo/ LRC, Ignition Activated.



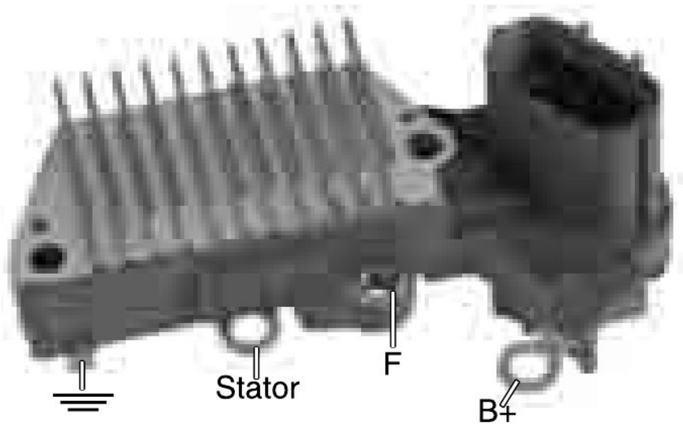
IN450

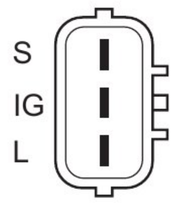
(Ref# 35-8246)

Regulator

12 Volt, A-Circuit, P-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: Caterpillar
Replaces: Nippondenso 126000-1800
Unit Nos: Caterpillar 105-2811, 2812;
Nippondenso 101211-224, -231
Lester Nos: 12346
Dim: 57.5mm Mtg. Length
Note: L-terminal is not an output terminal.





Plug Code 312

IN437

(Ref# 35-8235-1)

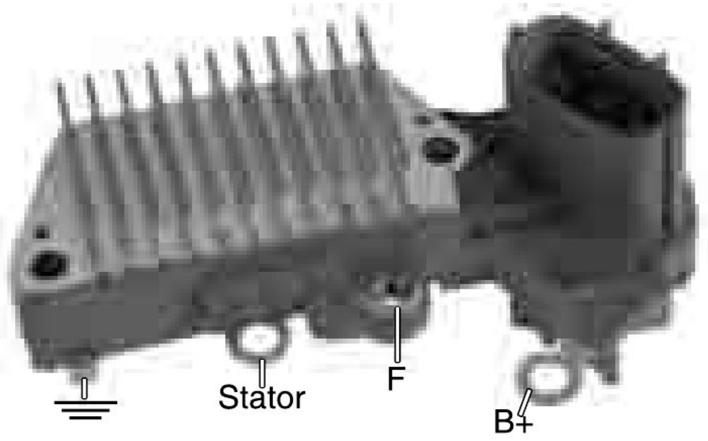
Regulator

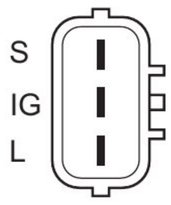
12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset, w/ LRC

For: Nippondenso IR/IF Alternators
Used On: (1999-93) Lexus, Toyota
Replaces: Nippondenso 126000-1520*, -1521*, -1730*, -1750, -1930, -2250*; Toyota 27700-11070, -11080, -66040*, -75020*
Unit Nos: Nippondenso 101211-020, -034, -035, -043, -045, -052, -053, -059, -074, -412, -515, -516, -527; 102211-505
Lester Nos: 13409, 13486, 13487, 13489, 13497, 13512, 13536, 13659, 13673
WAI Ref. Nos: 1-1839-01ND, 1-1865-01ND, 1-1885-01ND, 1-1930-01ND, 1-1935-01ND, 1-1936-01ND, 1-1977-01ND, 1-2051-01ND, 1-2081-01ND, 1-2183-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
*Nippondenso 126000-1520, -1521, -1730, -2250 wo/ LRC
Components:
TRI220 Repair Circuit

NIPPONDENSO

Internal Regulated / Internal Fan (cont'd.)





Plug Code 312

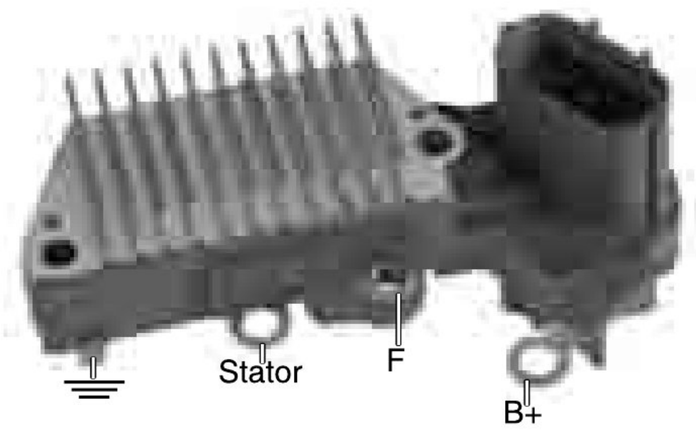
IN439

(Ref# 35-8238-1)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset, w/ LRC

For: Nippondenso IR/IF Alternators
Used On: (2002-93) Chevrolet, Geo, Lexus, Toyota
Replaces: GM 94854171, 94857219;
Nippondenso 126000-1580, -1640*, -1660, -1670**;
Toyota 27700-35040**, -46050*, -74030, -74040, -75030
Unit Nos: Nippondenso 100211-502, -511, -639, -644, -648, -899; 101211-005, -006, -007, -010, -012, -014, -019, -021, -027, -038, -039, -042, -051, -062, -500, -501, -502, -508, -509, -511, -512, -513, -517, -523, -524, -537, -538, -546, -554, -555, -561, -564, -566, -572, -575, -576, -577, -590, -597, -639, -706, -711, -716, -718, -751, -951, -996; 102211-124, -509
Lester Nos: 13457, 481, 482, 492, 495, 499, 500, 501, 502, 503, 537, 546, 551, 553, 556, 557, 668, 673, 711, 754, 756
WAI Ref. Nos: 1-1763-01ND, 1-1838-01ND, 1-1856-01ND, 1-1866-01ND, 1-1892-01ND, 1-1931-01ND, 1-1976-01ND, 1-1978-01ND, 1-1979-01ND, 1-1980-01ND, 1-1981-01ND, 1-1982-01ND, 1-1983-01ND, 1-1984-01ND, 1-2080-01ND, 1-2145-01ND, 1-2167-01ND, 1-2211-01ND, 1-2406-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.
*Nippondenso 126000-1640 14.1 Vset
**Nippondenso 126000-1670 wo/ LRC
Components:
TRI439 Repair Circuit





Plug Code 312

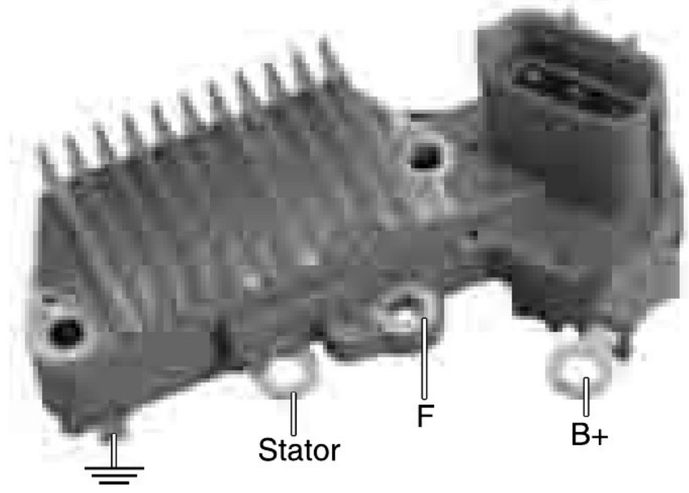
IN440

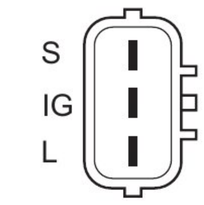
(Ref# 35-8236)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.0 Vset

For: Nippondenso IR/IF Alternators
Used On: (1995-93) Toyota
Replaces: Nippondenso 126000-7100, Toyota 27700-65010
Unit Nos: Nippondenso 101211-013, 101211-030, 101211-701; Toyota 27060-17180, 27060-65040
Lester Nos: 13496
WAI Ref. Nos: 1-1863-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.





Plug Code 312

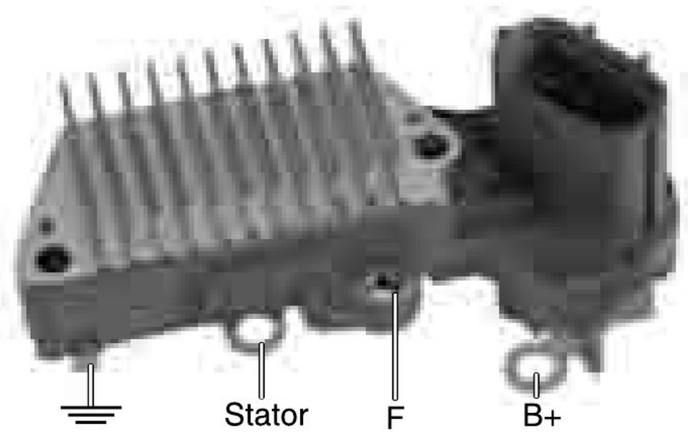
IN453

(Ref# 35-8240)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.4 Vset, wo/ LRC

For: Nippondenso IR/IF Alternators
Used On: (2004-95) Lexus, Toyota
Replaces: Nippondenso 126000-1960*, -2050, -2200;
Toyota 27700-50020, -50030, -62020
Unit Nos: Nippondenso 101211-073, -413, -730, -776, -915, -959, -963; 102211-061, -504
Lester Nos: 13669, 13670, 13671, 13715, 13794, 13859, 13885
WAI Ref. Nos: 1-2052-01ND, 1-2053-01ND, 1-2146-01ND, 1-2182-01ND, 1-2230-01ND, 1-2238-01ND, 1-2276-01ND, 1-2366-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.
*Nippondenso 126000-1960 14.6 Vset.

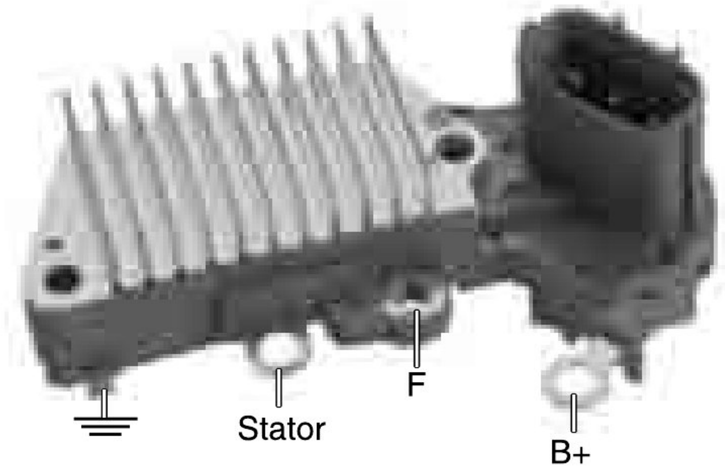


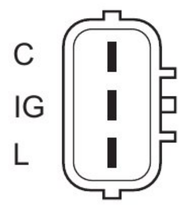
IN460

Regulator

24 Volt, A-Circuit, S-IG-L Terminals, 28.0 Vset

For: Nippondenso IR/IF Alternators
Used On: Toyota Coaster Bus (Diesel)
Replaces: Nippondenso 126000-7120, Toyota 27700-58040
Unit Nos: Nippondenso 100211-624, -625, -626, -627; Toyota 27060-17120, -58150, -58230, -58250
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.





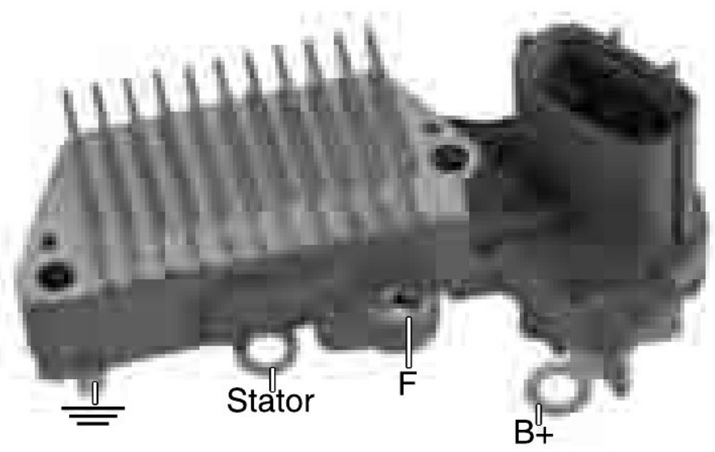
Plug Code 317

IN215

Regulator

12 Volt, A-Circuit, C-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1997-96) Acura, Isuzu
Replaces: Nippondenso 126000-2150, 126000-2151
Unit Nos: Isuzu 8-97109-780-0, 8-97109-780-1; Nippondenso 101211-422
Lester Nos: 13739
WAI Ref. Nos: 1-2120-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal

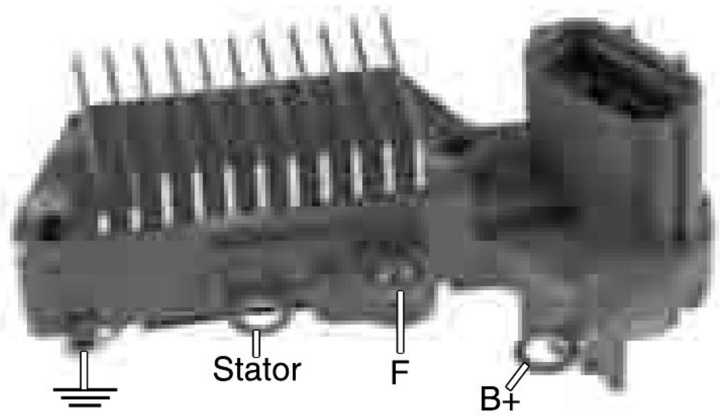


IN449

Regulator

12 Volt, A-Circuit, P-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: Caterpillar, Yanmar
Replaces: Nippondenso 126000-1940
Unit Nos: Caterpillar 105-2814; Nippondenso 101211-901, 101211-994; Yanmar 119773-77200
Lester Nos: 12192, 12355
WAI Ref. Nos: 1-2458-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.

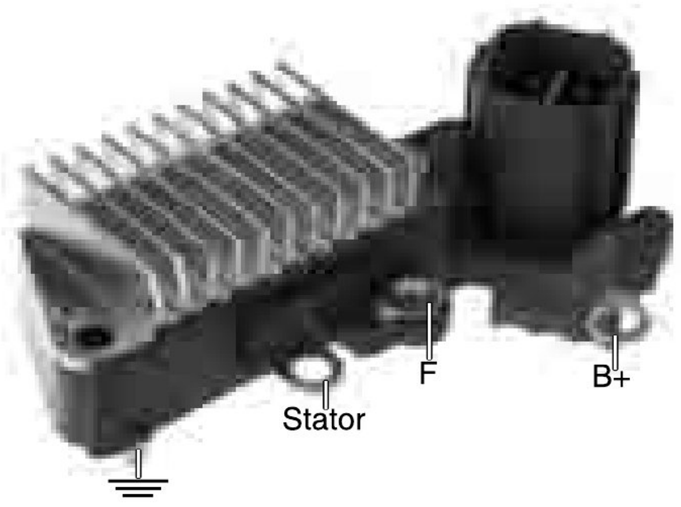


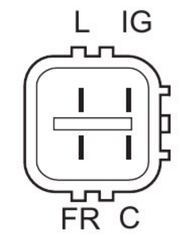
IN452

Regulator

12 Volt, A-Circuit, D-IG-L Terminals, 14.8 Vset, w/ LRC

For: Nippondenso IR/IF Alternators
Used On: (2000-95) Honda, Suzuki
Replaces: Nippondenso 126000-1970, -1971, -2470*; Suzuki 32500-60G10
Unit Nos: Honda 31100-P8F-A01; Nippondenso 101211-055, -072, -520, -785; 102211-502, -507, -528; Suzuki 31400-60G10, 31400-60G11, -60G12, -60G13, -77E20, -77E21, -77E22, -77E22
Lester Nos: 13679, 13680, 13753, 13769
WAI Ref. Nos: 1-2148-01ND, 1-2148-02ND, 1-2157-01ND, 1-2239-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.
*Nippondenso 126000-2470 wo/ LRC





Plug Code 296

IN445

(Ref# 35-8241)

Regulator

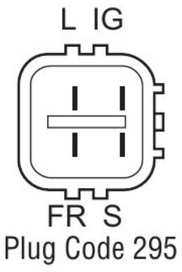
12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (2003-96) Acura, Honda, Isuzu
Replaces: Honda 31150-P2T-003, 31150-PEA-A01, 31150-PV4-003; Nippondenso 126000-2090, -2160, -2610, -3030
Unit Nos: Nippondenso 101211-785, -925, -931, -933, -981, -986, -997, -999; 102211-068, -069, 102211-101, -102, -126, -127
Lester Nos: 13674, 13677, 13737, 13743, 13767, 13769, 13776, 13835, 13836
WAI Ref. Nos: 1-2022-01ND, 1-2055-01ND, 1-2122-01ND, 1-2142-01ND, 1-2189-01ND, 1-2194-01ND, 1-2239-01ND, 1-2262-01ND, 1-2374-01ND, 1-2375-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.

NIPPONDENSO

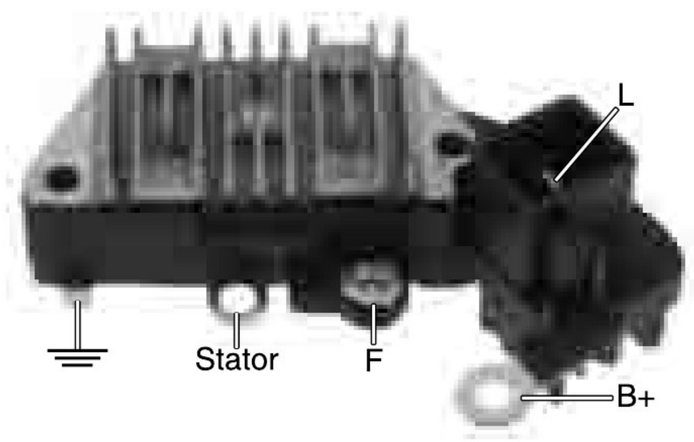
Internal Regulated / Internal Fan (cont'd.)



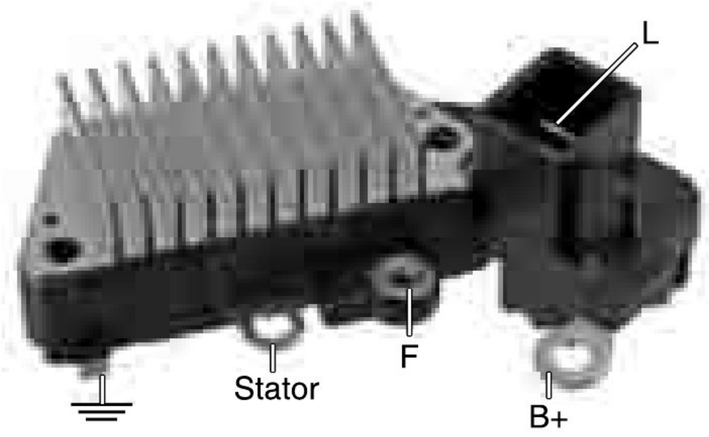


Plug Code 295

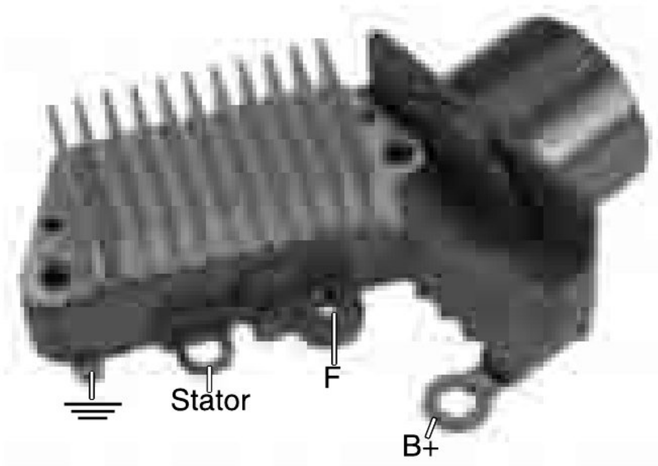
IN455
(Ref# 35-8243)
Regulator
12 Volt, A-Circuit, S-FR-IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: (2002-96) Acura
Replaces: Honda 31150-P5A-003, 31150-P5G-003; Nippondenso 126000-2190, 126000-2450
Unit Nos: Honda 31100-P5A-003, 31100-P5G-013; Nippondenso 101211-723, 101211-727
Lester Nos: 13675, 13738
WAI Ref. Nos: 1-2054-01ND, 1-2121-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
Components:
TRI226 Repair Circuit

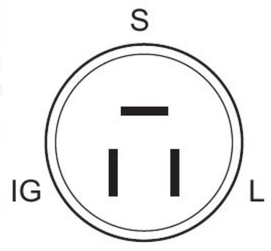


IN442
Regulator
12 Volt, A-Circuit, L-Terminal, 14.1 Vset, wo/ LRC
For: Nippondenso IR/IF Alternators
Used On: (1993-92) Volvo
Replaces: Nippondenso 126000-1130
Unit Nos: Nippondenso 100211-862, 100211-863; Volvo 3544118, 3544118-7, 3544119,
Lester Nos: 13519, 13548
WAI Ref. Nos: 1-1764-01ND, 1-1862-01ND
Dim: 63.5mm Mounting
Note: L-terminal is an output terminal. Similar to IN443 except:
IN442: wo / LRC
IN443: w/ LRC



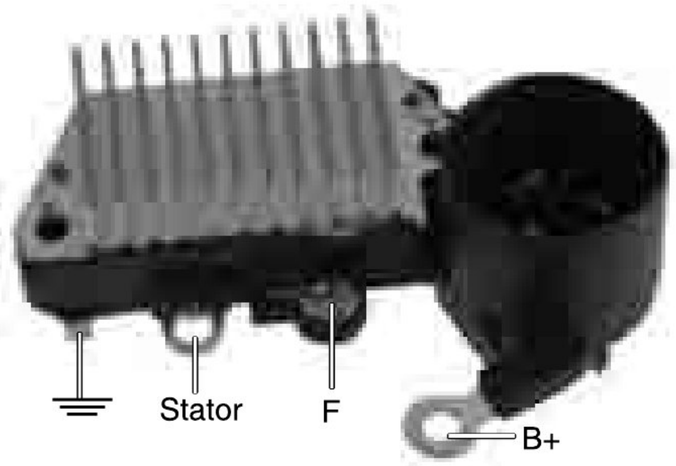
IN443
Regulator
12 Volt, A-Circuit, L-Terminal, 14.4 Vset, 5 sec. LRC
For: Nippondenso IR/IF Alternators
Used On: (1993-92) Volvo 940 Series
Replaces: Nippondenso 126000-1760
Unit Nos: Nippondenso 100211-862, 100211-863; Volvo 3544118, 3544118-7, 3544119,
Lester Nos: 13519, 13548
WAI Ref. Nos: 1-1764-01ND, 1-1862-01ND
Dim: 63.5mm Mounting
Note: L-terminal is an output terminal. Similar to IN442 except:
IN442: wo / LRC
IN443: w/ LRC
Features:
- Lamp activated w/ lamp latching feature
- Battery disconnect protection
- Shorted field & lamp circuit protection

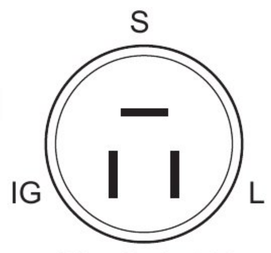




Plug Code 280

IN277
Regulator
12 Volt, A-Circuit, S-IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: Mercury Marine Outboard
Replaces: Nippondenso 126000-1770
Unit Nos: Mercury Marine 821663-1, 828506; Nippondenso 101211-302, 101211-338
Dim: 57.5mm Mtg. Length
Note: L-terminal is not an output terminal.





Plug Code 280

IN250

(Ref# 35-8217)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.5 Vset

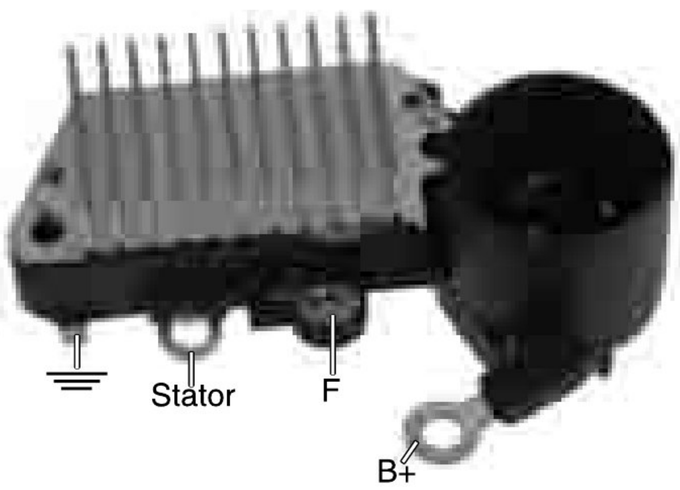
For: Nippondenso IR/IF Alternators
Used On: (1992-87) Daihatsu, Toyota
Replaces: Daihatsu 27700-87704-000;
Nippondenso 126000-0550, -0980, -1550, -1570;
Toyota 27700-10050, -10080, -66010
Unit Nos: Daihatsu 27060-87706-000, 27060-87710-000;
Nippondenso 100211-152, -156, -162, -416, -417, -432, -435, -441, -686, -687;
Toyota 27060-10070, -10071, -11080, -72080, -72081, -72110, -72111, -72140, -87710
Lester Nos: 13239, 13390, 14843
WAI Ref. Nos: 1-1085-01ND, 1-1260-01ND, 1-1261-01ND
Dim: 57.5mm Mtg. Length
Note: L-terminal is an output terminal.
Components:
TRI250 Repair Circuit

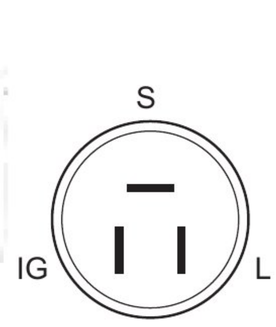
IN250SE

Regulator

12 Volt, A-Circuit, 14.9 Vset, Self Exciting

Same as IN250 except...
Note: Converts alternator to self exciting, 1-wire hook-up.
Features:
- Self exciting
- Stator activated
- Converts alternator to 1-wire hook-up





Plug Code 280

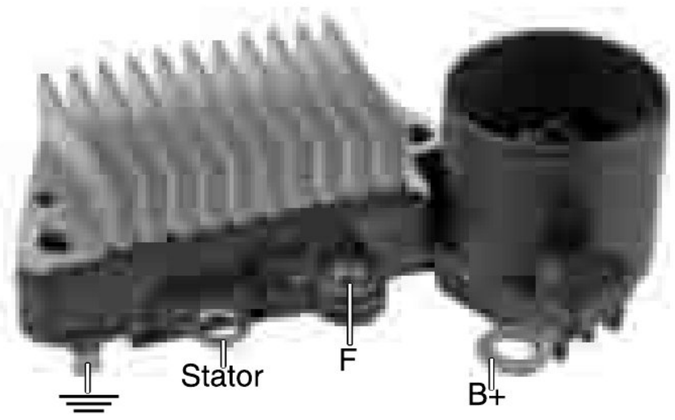
IN256

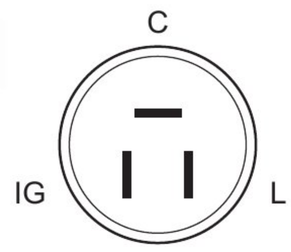
(Ref# 35-8237)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.0 Vset, w/ LRC

For: Nippondenso IR/IF Alternators
Used On: Toyota Lift Truck
Replaces: Nippondenso 126000-7040
Unit Nos: Nippondenso 100211-454, 100211-693, 100211-696
Lester Nos: 12187
WAI Ref. Nos: 1-2132-01ND
Dim: 57.5mm Mtg. Length
Note: L-terminal is an output terminal.





Plug Code 284

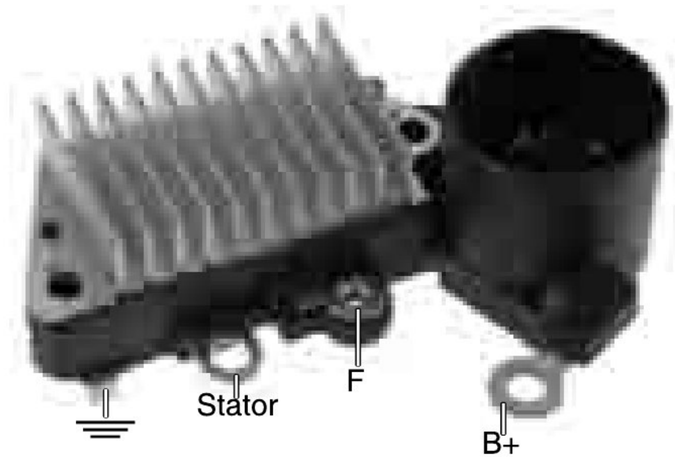
IN252

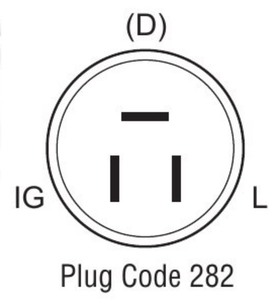
(Ref# 35-8218)

Regulator

12 Volt, A-Circuit, C-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1988-85) Chevrolet
Replaces: GM 96052000, Nippondenso 126000-0840
Unit Nos: Nippondenso 100211-411, 100211-415
Lester Nos: 14937
WAI Ref. Nos: 1-1519-01ND
Dim: 57.5mm Mtg. Length
Note: L-terminal is an output terminal.
Components:
TRI252 Repair Circuit





Plug Code 282

IN251

(Ref# 35-8216)

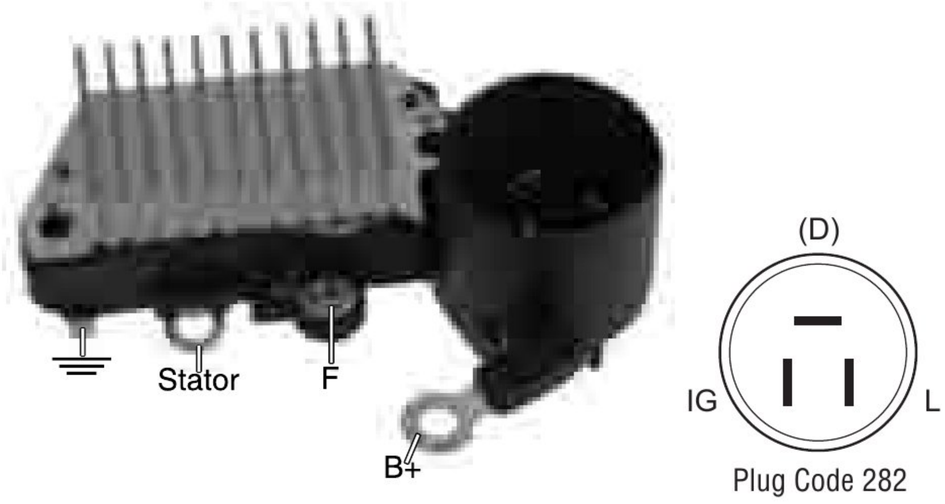
Regulator

12 Volt, A-Circuit, D-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1995-85) Chevrolet, Geo, Isuzu, Suzuki
Replaces: GM 94455160, Isuzu 8-94455-160-0;
Nippondenso 126000-0850, -0880, 1370
Unit Nos: Nippondenso 100211-413, 100211-426, 100211-660, 101211-202
Lester Nos: 13316, 13522, 14733, 14940
WAI Ref. Nos: 1-1238-01ND, 1-1881-01ND, 1-1968-01ND
Dim: 57.5mm Mtg. Length
Note: L-terminal is an output terminal.
Components:
TRI251 Repair Circuit

NIPPONDENSO

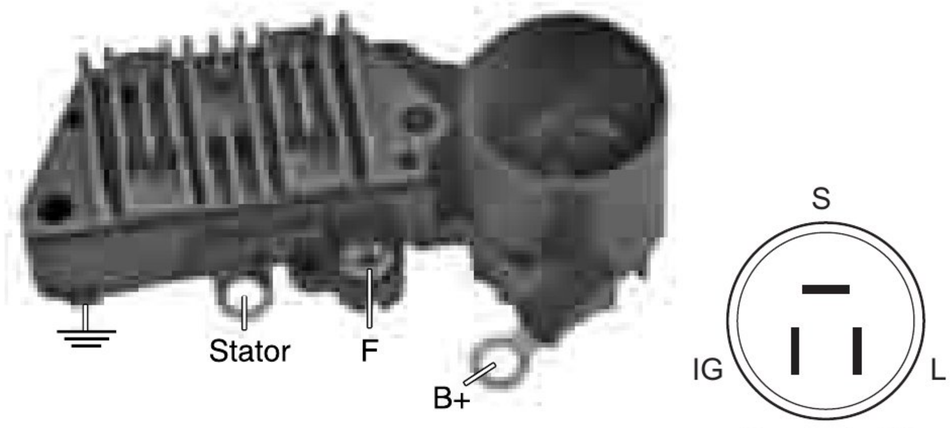
Internal Regulated / Internal Fan (cont'd.)



Plug Code 282

IN253
(Ref# 35-8215-1)
Regulator
12 Volt, A-Circuit, D-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1995-86) Daihatsu, Suzuki
Replaces: Daihatsu 27700-87601-000; Nippondenso 126000-0720, -0721, -1330; Suzuki 32500-86510, -86511
Unit Nos: Nippondenso 100211-155, 100211-157, 100211-407, 100211-414, 100211-671, 100211-672, 100211-699, 100211-919, 100211-932, 100211-93
Lester Nos: 13214, 13255, 13414, 14684, 14870
WAI Ref. Nos: 1-1228-01ND, 1-1230-01ND, 1-1230-02ND, 1-1969-01ND
Dim: 57.5mm Mtg. Length
Note: L-terminal is not an output terminal.
Components:
TRI253 Repair Circuit



Plug Code 280

IN220
(Ref# 35-8204)
Regulator
12 Volt, A-Circuit, S-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1993-84) Chevrolet, Honda, Lexus, Toyota; John Deere, Toyota Forklift
Replaces: GM 94840314; Honda 31150-PD1-004, 31150-PD2-014, 31150-PDJ-004; Nippondenso 126000-0340, -0510, -0650, -0700, -0731, -1190; Toyota 27700-01010, -10060, -11030, -63020, -70030, -72040, -72070
Unit Nos: Nippondenso 100211-101, -102, -113, -114, -115, -116, -117, -118, -125, -144, -184, -204, -205, -206, -208, -211, -215, -216, -219, -230, -239, -241, -242, -245, -247, -248, -249, -251, -277, -282, -284, -285, -286, -300, -304, -305, -306, -307, -308, -310, -312, -313, -314, -317, -318, -320, -321, -324, -325, -327, -328, -330, -332, -334, -335, -344, -354, -356, -361, -363,
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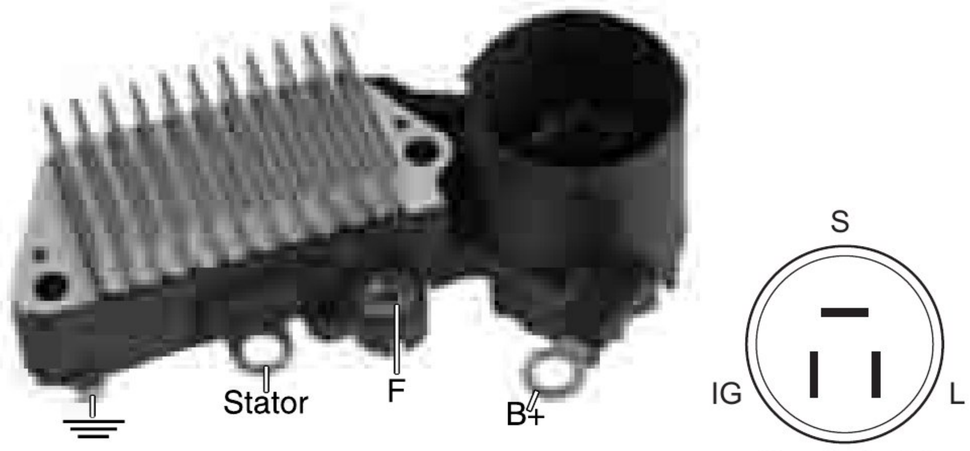
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-382, -396, -609, -706, -709, -713, -714, -728, -729, -739, -744, -745, -746, -757, -758, -780, -797, -803, -807, -809, -810, -830, -854, -971; 100213-042, -070, -071, -073, -074, -514; 100221-339
Lester Nos: 13229, 240, 277, 323, 331, 392, 394, 456; 14449, 454, 458, 460, 472, 611, 643, 668, 671, 678, 679, 682, 683, 847, 855
WAI Ref. Nos: 1-1007-02ND, 1-1022-01ND, 1-1026-01ND, 1-1028-01ND, 1-1029-01ND, 1-1037-01ND, 1-1039-02ND, 1-1050-02ND, 1-1053-01ND, 1-1062-01ND, 1-1062-02ND, 1-1077-01ND, 1-1081-01ND, 1-1088-01ND, 1-1090-01ND, 1-1166-01ND, 1-1166-02ND, 1-1415-01ND, 1-1588-01ND, 1-1858-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
Components:
TRI220 Repair Circuit

IN220E-1
Regulator
12 Volt, A-Circuit, S-IG-L Terminals, 14.5 Vset

Same as IN220 except...
Features:
- Best Value

IN220SE
Regulator
12 Volt, A-Circuit, 14.5 Vset, Self Exciting

Same as IN220 except...
Note: Converts alternator to self exciting, 1-wire hook-up.
Features:
- Self exciting
- Stator activated
- Converts alternator to 1-wire hook-up

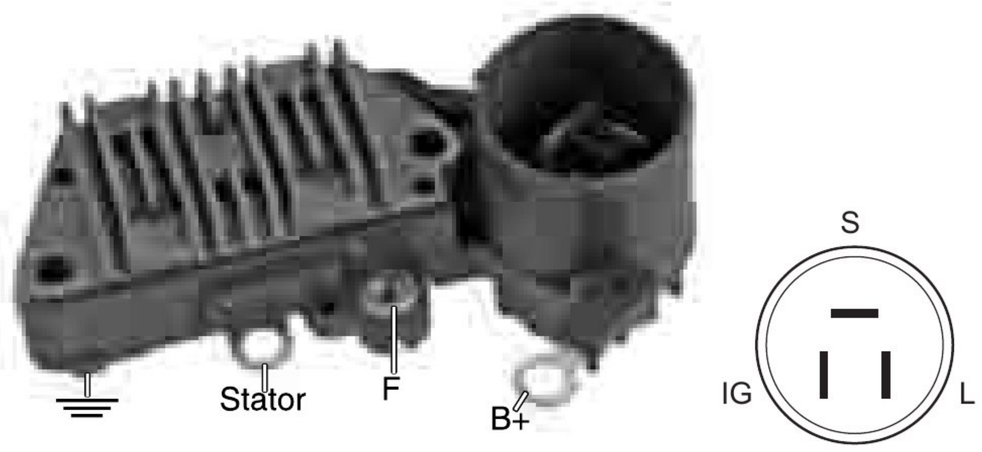


Plug Code 280

IN436
(Ref# 35-8229)
Regulator
12 Volt, A-Circuit, S-IG-L Terminals, 14.4 Vset, w/ LRC

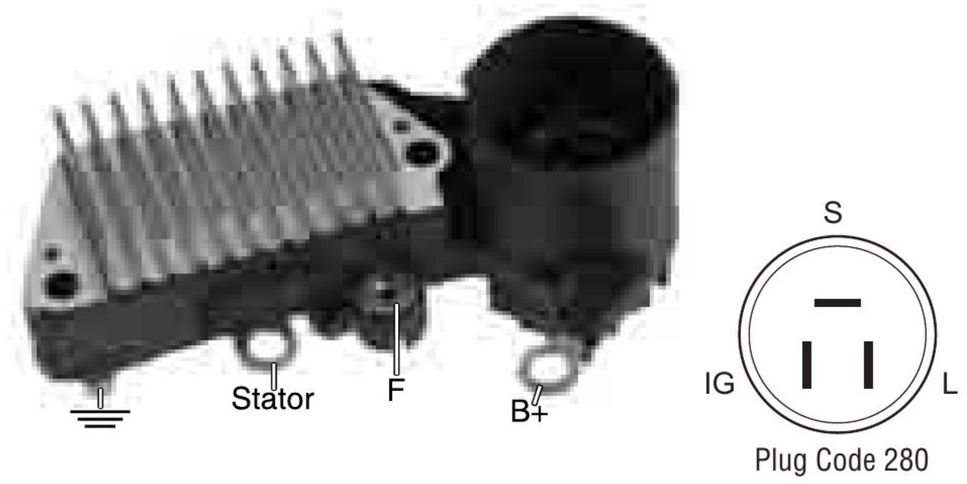
For: Nippondenso IR/IF Alternators
Used On: (1993-87) Geo, Toyota; John Deere
Replaces: John Deere TY6684; Nippondenso 126000-0931, -0932, -1400, -1450, -1530; Toyota 27700-11050, -70030, -76020
Unit Nos: Nippondenso 100211-100, -103, -104, -105, -106, -107, -108, -109, -110, -111, -118, -120, -121, -122, -123, -132, -134, -136, -200, -202, -203, -205, -206, -207, -210, -215, -216, -217, -225, -228, -237, -238, -240, -250, -273, -283, -284, -303, -304, -306, -309, -311, -3110, -312, -316, -317, -318, -322, -326, -330, -332, -335, -339, -343, -350, -351, -352, -353, -354, -355, -361, -363, -377, -382, -396, -700, -705, -706, -713, -726, -743, -745, -746, -757, -780, -803, -806, -807, -813, -830, -835, -864; 100213-045, -514
(cont'd.)

(cont'd.)
Lester Nos: 12066; 13252, 276, 277, 322, 323, 393, 408, 413, 562; 14449, 611, 679, 682
WAI Ref. Nos: 1-1026-01ND, 1-1028-01ND, 1-1039-01ND, 1-1039-02ND, 1-1041-01ND, 1-1090-01ND, 1-1417-01ND, 1-1421-01ND, 1-1837-01ND, 1-1967-01ND, 1-1973-01ND, 1-2009-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
For 24 volt version use IN461.
Components:
TRI220 Repair Circuit



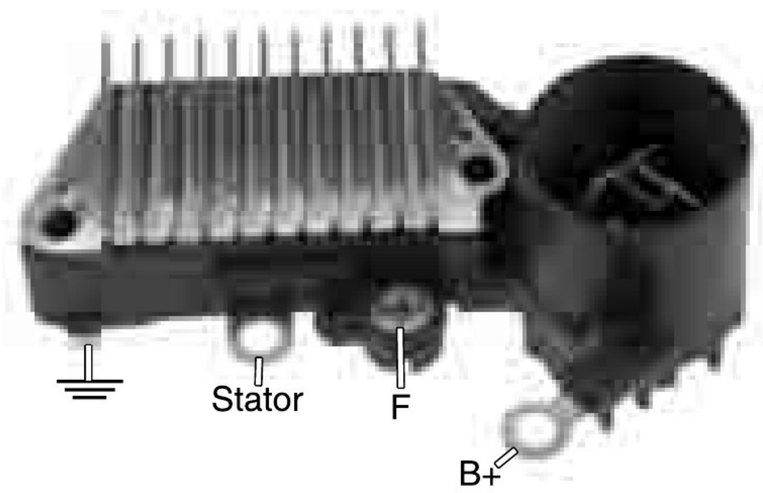
IN434
(Ref# 35-8225)
Regulator
12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset, w/ LRC

For: Nippondenso IR/IF Alternators
Used On: (1996-88) Dodge, Geo, Lexus, Toyota
Replaces: Nippondenso 126000-0610, -1110, -1440, -1441; Toyota 27700-16010, -50010, -74010
Unit Nos: Nippondenso 100211-340, -606, -611, -635, -637, -704, -710, -718, -778, -782, -796, -802, -805, -807, -811, -823, -832, -838, -839, -845, -847, -848, -850, -859, -884, -885, -984; 101211-521
Lester Nos: 13234, 252, 276, 278, 319, 321, 339, 384, 385, 393, 398, 455, 566; 14455, 849
WAI Ref. Nos: 1-1041-01ND, 1-1042-01ND, 1-1043-01ND, 1-1054-01ND, 1-1055-01ND, 1-1063-01ND, 1-1076-01ND, 1-1092-01ND, 1-1418-01ND, 1-1419-01ND, 1-1420-01ND, 1-1421-01ND, 1-1546-01ND, 1-1858-01ND, 1-1859-01ND, 1-1966-01ND, 1-1974-01ND, 1-2149-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.
Components:
TRI434 Repair Circuit



IN438
(Ref# 35-8227)
Regulator
12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset, w/ LRC

For: Nippondenso IR/IF Alternators
Used On: (1994-91) Lexus, Toyota
Replaces: Nippondenso 126000-1260, -1270; Toyota 27700-46030, -46040
Unit Nos: Nippondenso 100211-536, -618, -630, -633, -634, -636, -641, -642, -747, -791, -793, -856, -857, -866, -881, -882, -883, -887, -978, -979, -989; 101211-522, -536, -875
Lester Nos: 12195, 13338, 13389, 13396, 13397, 13407, 13410, 13411, 13440, 13454, 13498, 13525
WAI Ref. Nos: 1-1591-01ND, 1-1596-01ND, 1-1605-01ND, 1-1835-01ND, 1-1836-01ND, 1-1857-01ND, 1-1860-01ND, 1-1861-01ND, 1-1884-01ND, 1-1893-01ND, 1-1964-01ND, 1-1965-01ND, 1-2008-01ND, 1-2411-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.



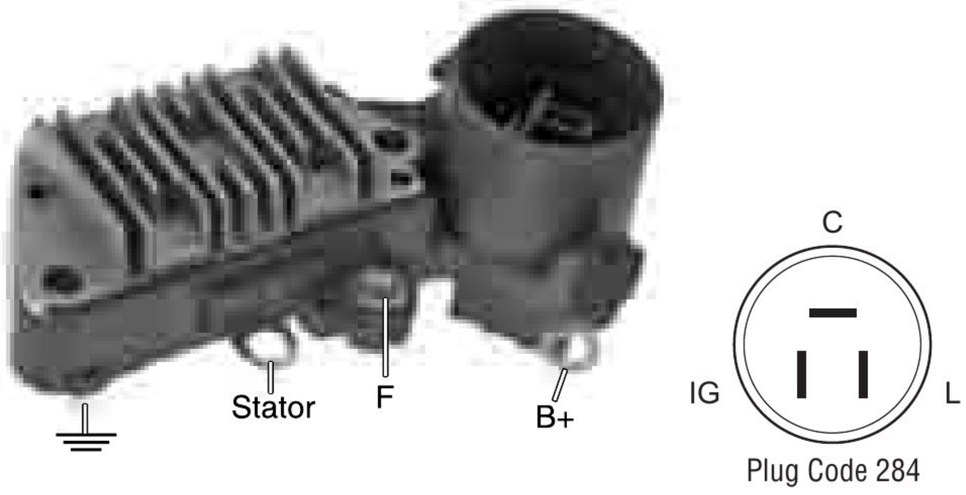
IN461
Regulator
24 Volt, A-Circuit, S-IG-L Terminals, 28.0 Vset

For: Nippondenso IR/IF Alternators
Used On: Toyota Dyna, Landcruiser (Diesel)
Replaces: Nippondenso 126000-7010, -7011; Toyota 27700-58020
Unit Nos: Nippondenso 100211-737, 100211-785
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.
For 12 volt version use IN436.

ALTERNATOR - REGULATORS (TRANSPO)

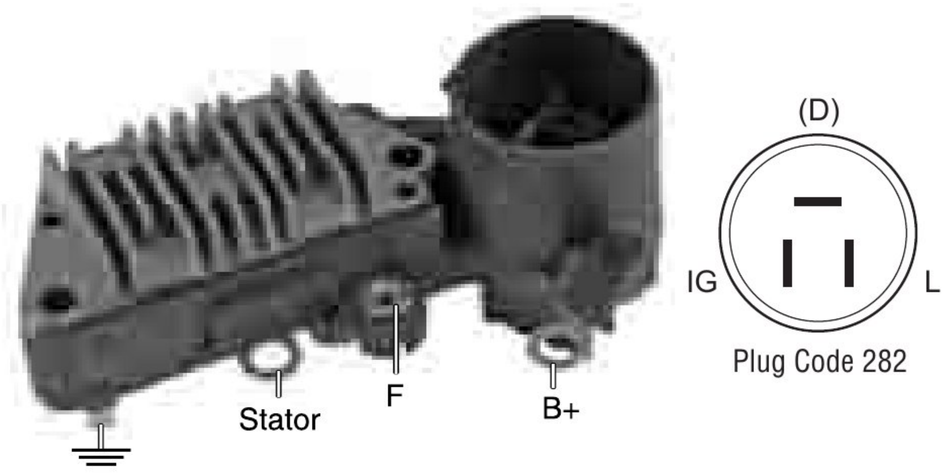
NIPPONDENSO

Internal Regulated / Internal Fan (cont'd.)



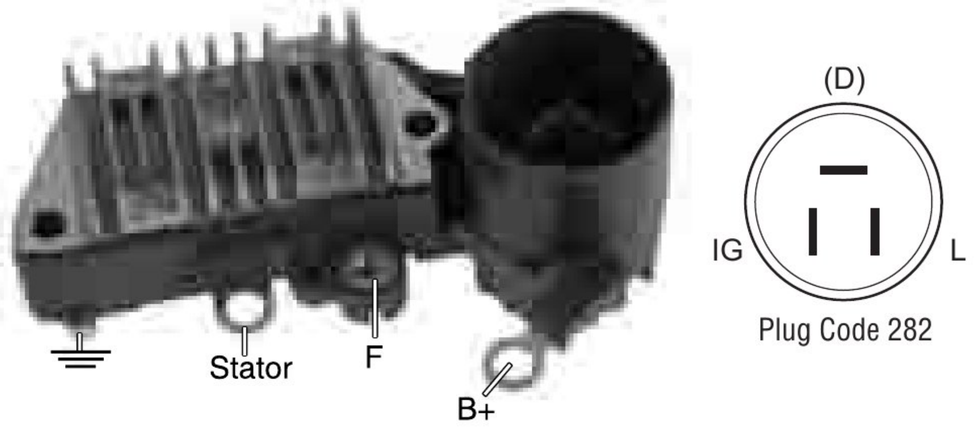
IN222
(Ref# 35-8209)
Regulator
12 Volt, A-Circuit, C-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1989-84) Honda, Isuzu
Replaces: Honda 31150-PE0-921, Isuzu 8-94337-585-0, Nippondenso 126000-0440
Unit Nos: Nippondenso 100211-126, 100211-221, 100211-372
Lester Nos: 14739, 14755, 14852
WAI Ref. Nos: 1-1019-01ND, 1-1240-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
Components:
TRI222 Repair Circuit



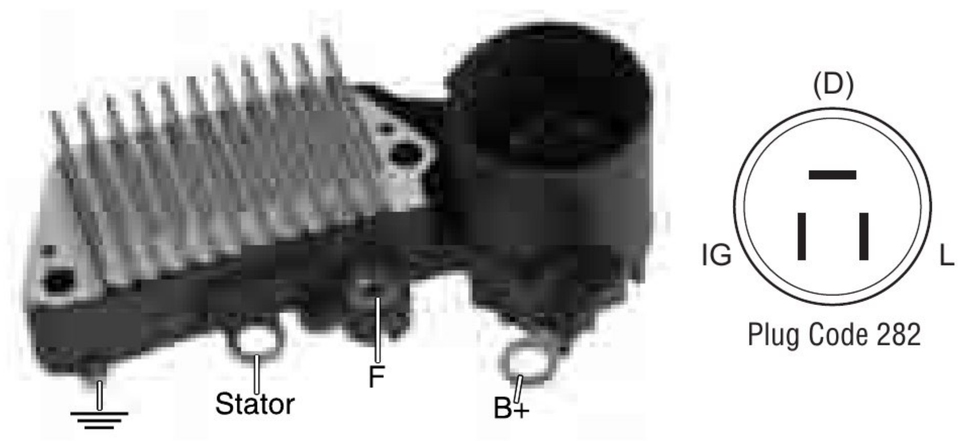
IN219
(Ref# 35-8210)
Regulator
12 Volt, A-Circuit, D-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1986) Suzuki
Replaces: Honda 31500-PEO-003; Nippondenso 126000-0410, 126000-0411, 126000-0470; Suzuki 32500-82610
Unit Nos: GM 96051973, 96054116; Nippondenso 100211-141, -229, -302, -338, -364, -528; Suzuki 31400-82611
Lester Nos: 14684, 14870
WAI Ref. Nos: 1-1228-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.
Not interchangeable with IN221-1 where L-terminal is an output terminal.
Components:
TRI219 Repair Circuit



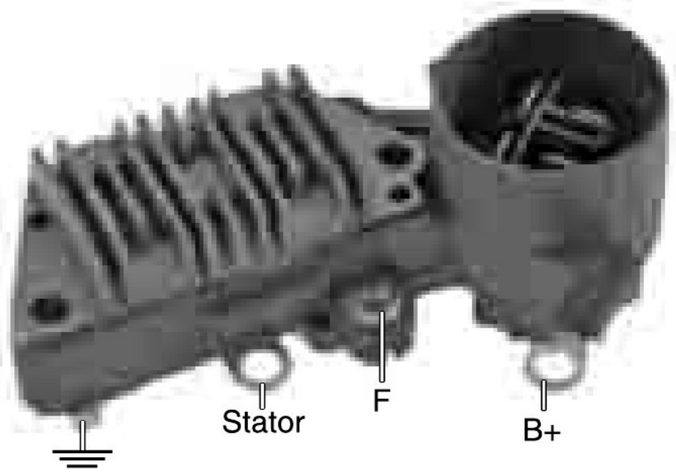
IN221-1
(Ref# 35-8205-3)
Regulator
12 Volt, A-Circuit, D-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1995-84) Chevrolet, Geo, Honda, Isuzu
Replaces: GM 94139012; Honda 31150-PE0-003; Isuzu 8-94139-012-0; Nippondenso 126000-0430
Unit Nos: Nippondenso 100211-016, 100211-127, 100211-133, 100211-138, 100211-143, 100211-222, 100211-223, 100211-795, 100211-973
Lester Nos: 13391, 13521, 13569, 14732, 14733, 14757, 14851, 14872, 14940
WAI Ref. Nos: 1-1015-01ND, 1-1237-01ND, 1-1238-01ND, 1-1436-01ND, 1-1883-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
Not interchangeable with IN219 where L-terminal is not an output terminal.
Similar to IN435 except IN435 w/ LRC feature.
Components:
TRI221 Repair Circuit



IN435
(Ref# 35-8226)
Regulator
12 Volt, A-Circuit, D-IG-L Terminals, 14.5 Vset, w/ LRC

For: Nippondenso IR/IF Alternators
Used On: (1997-90) Geo, Isuzu, Jaguar
Replaces: Isuzu 8-97032-091-0; Jaguar JLM-11144; Nippondenso 126000-1200
Unit Nos: Nippondenso 100211-631, 100211-795, 100211-799, 100211-853, 100211-868, 100211-898, 101211-016
Lester Nos: 13391, 13423, 13424, 13524, 13569, 137055
WAI Ref. Nos: 1-1436-01ND, 1-1436-02ND, 1-1882-01ND, 1-1889-01ND, 1-2133-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
Similar to IN221-1 except IN221-1 wo/ LRC feature.





Plug Code 290

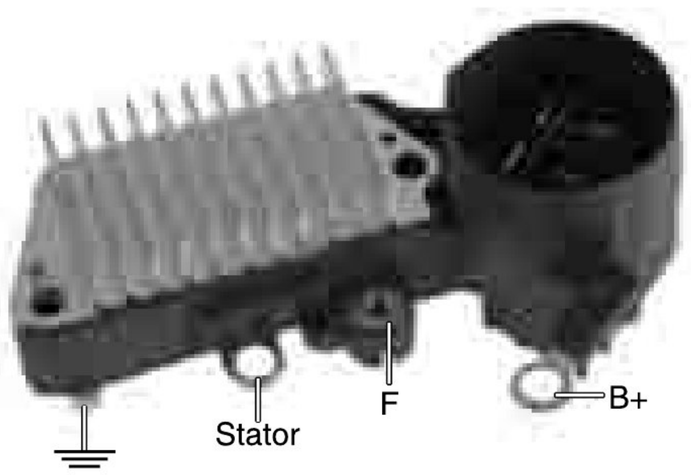
IN226

(Ref# 35-8213-3)

Regulator

12 Volt, A-Circuit, S-FR-IG-L Terminals, 14.4 Vset

For: Nippondenso IR/IF Alternators
Used On: (1995-85) Acura, Honda
Replaces: Honda 31150-PD6-004, 31150-PD6-014, 31150-PH3-013, 31150-PR7-A01; Nippondenso 126000-0540, 126000-1170
Unit Nos: Nippondenso 100211-201, 100211-615, 100211-617, 100211-724
Lester Nos: 13386, 13387, 14680
WAI Ref. Nos: 1-1008-01ND, 1-1410-01ND, 1-1411-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
Components:
TRI226 Repair Circuit





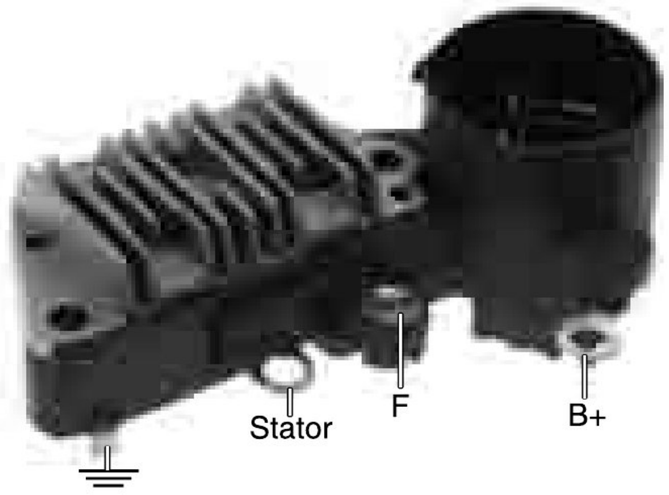
Plug Code 290

IN444

Regulator

12 Volt, A-Circuit, S-FR-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1991-85) Acura, Honda, Sterling
Replaces: Honda 31150-PD6-024, Nippondenso 126000-1060
Unit Nos: Nippondenso 100211-213, 100211-214, 100211-255, 100211-331, 100211-707, 100211-750, 100211-781
Lester Nos: 13294, 14680, 14931
WAI Ref. Nos: 1-1003-01ND, 1-1008-01ND, 1-1023-01ND, 1-1410-01ND, 1-1411-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.





Plug Code 294

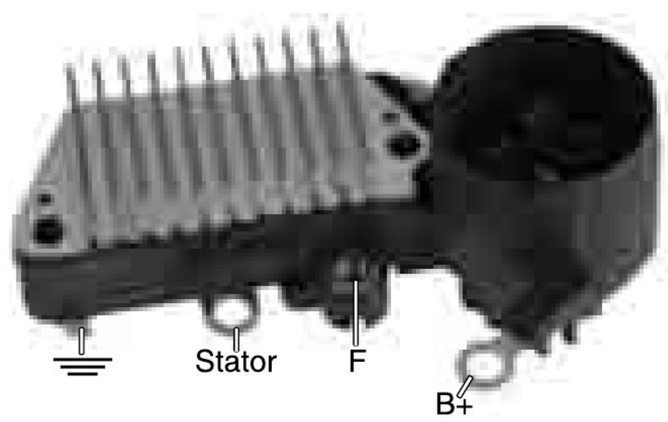
IN224

(Ref# 35-8214-2)

Regulator

12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1997-88) Acura, Honda
Replaces: Honda 31150-P08-013, 31150-PM4-003, 31150-PT2-003; Nippondenso 126000-0940, -1300, -1700
Unit Nos: Nippondenso 100211-359, 100211-366, 100211-369, 100211-389, 100211-815, 100211-819, 100211-828, 100211-855, 100211-871, 100211-875, 100211-877, 100211-977, 101211-025, 101211-549, 101211-550, 101211-569, 101211-584, 101211-585, 101211-914
Lester Nos: 13325, 13395, 13507, 13508, 13509, 13538, 13539, 13540, 13684, 14989
WAI Ref. Nos: 1-1001-01ND, 1-1011-01ND, 1-1011-02ND, 1-1017-01ND, 1-1726-01ND, 1-1831-01ND, 1-1854-01ND, 1-1854-02ND, 1-1932-01ND, 1-2082-01ND, 1-2353-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
Components:
TRI224 Repair Circuit





Plug Code 294

IN431

(Ref# 35-8232)

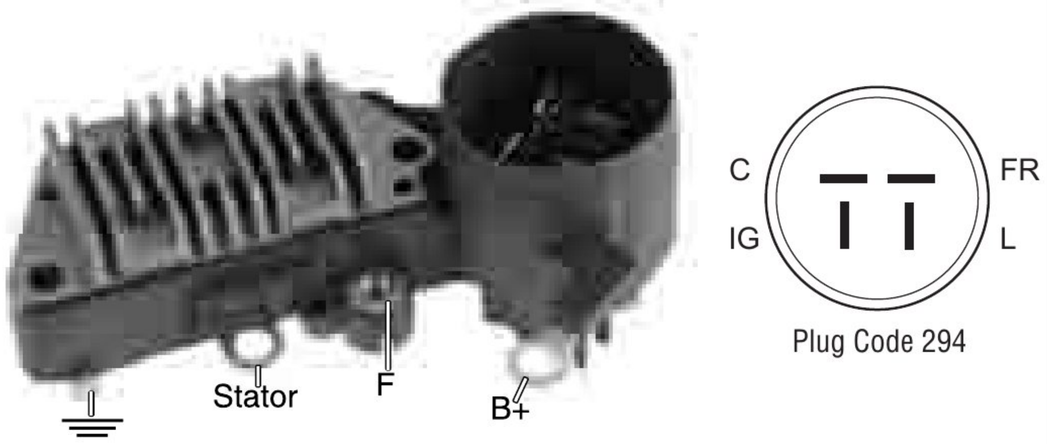
Regulator

12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.5 Vset

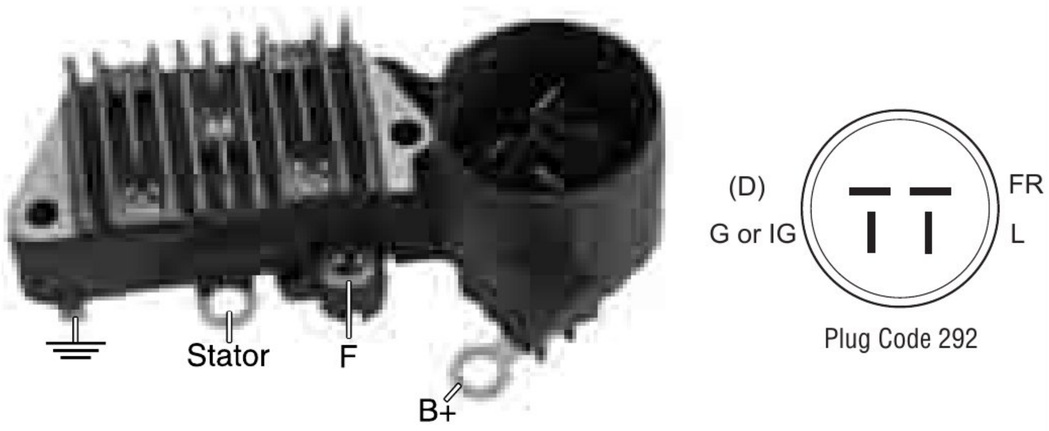
For: Nippondenso IR/IF Alternators
Used On: (1996-93) Honda
Replaces: Nippondenso 126000-1410
Unit Nos: Nippondenso 100211-874
Lester Nos: 13506
WAI Ref. Nos: 1-1970-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.

NIPPONDENSO

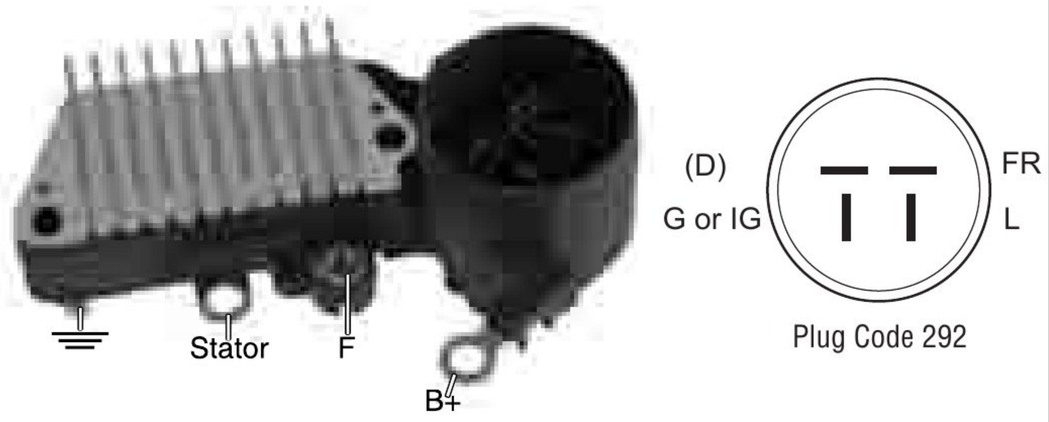
Internal Regulated / Internal Fan (cont'd.)



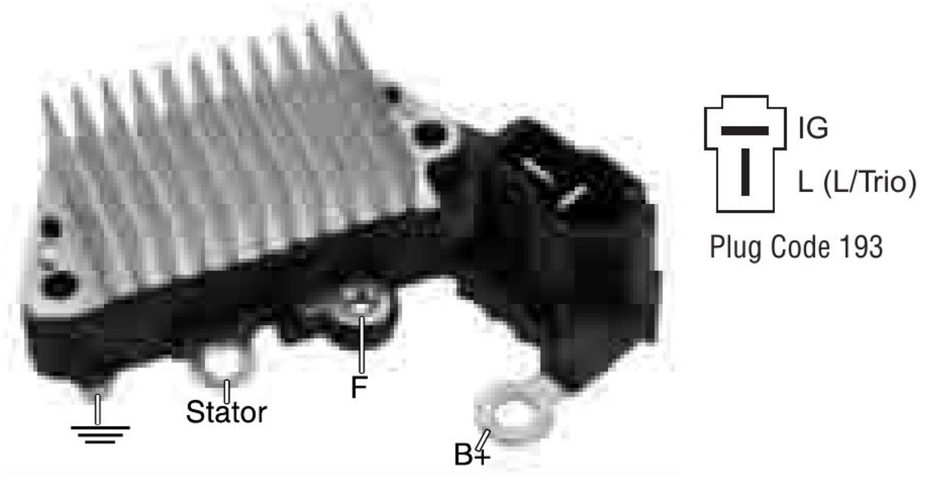
IN433
(Ref# 35-8244)
Regulator
12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: Honda
Replaces: Nippondenso 126000-1360
Unit Nos: Nippondenso 100211-860
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.



IN225
(Ref# 35-8212-2)
Regulator
12 Volt, A-Circuit, D-FR-IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: (1991-85) Acura, Honda
Replaces: Honda 31150-PE7-661, 31150-PE7-662;
Nippondenso 126000-0570
Unit Nos: Honda 31100-PE7-660, -661, -662, -663;
31100-PG7-013; 31100-PR4-A01, -A02;
Nippondenso 100211-135, -137, -393, -732, -733
Lester Nos: 13326, 14759, 14853, 14854, 14930
WAI Ref. Nos: 1-1000-01ND, 1-1002-01ND, 1-1905-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
Similar to IN429 except IN429 w/ LRC feature.
Components:
TRI225 Repair Circuit



IN429
(Ref# 35-8231-1)
Regulator
12 Volt, A-Circuit, D-FR-IG-L Terminals, 14.5 Vset, w/ LRC
For: Nippondenso IR/IF Alternators
Used On: (1993-92) Acura
Replaces: Nippondenso 126000-1470, 126000-1471
Unit Nos: Honda 31100-PR4-C01;
Nippondenso 100211-891, 100211-910
Lester Nos: 13433
WAI Ref. Nos: 1-1963-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
Similar to IN225 except IN225 wo/ LRC feature.



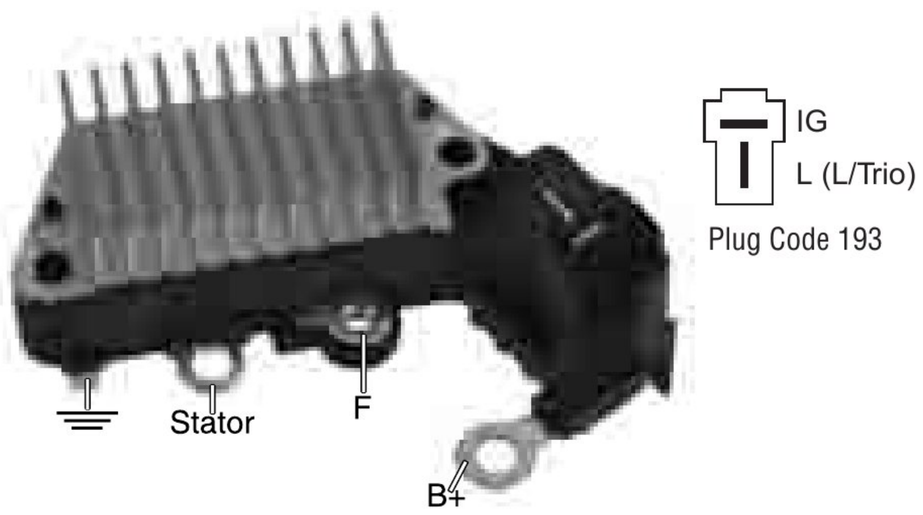
IN254
(Ref# 35-8221-1)
Regulator
12 Volt, A-Circuit, IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: Gehl, Komatsu, Kubota, Toyota Forklift, Yale
Replaces: Daihatsu 27700-87207-000, Kubota 15881-64601;
Nippondenso 126000-0600, -0970; Toyota 27700-96301
Unit Nos: Nippondenso 100211-151, -154, -158, -159, -161, -163, -165, -166, -167, -168, -169, -400, -405, -406, -408, -409, -418, -420, -421, -422, -423, -424, -425, -436, -438, -439, -446, -448, -452, -455, -456, -464, -465, -622, -664, -676, -677, -678, -688, -689, -690, -692
Lester Nos: 12179, 12180, 12182, 12189, 12190, 12196, 12198, 12199, 12204, 12207
WAI Ref. Nos: 1-1946-01ND, 1-2119-11ND, 1-2336-01ND, 1-2347-41ND, 1-2436-01ND, 1-2476-01ND, 1-2477-01ND, 1-2478-01ND
Dim: 57.5mm Mtg. Length
Note: L-terminal is not an output terminal.
Components:
TRI254 Repair Circuit

IN254SE

Regulator

12 Volt, A-Circuit, 14.9 Vset, Self Exciting

Same as IN254 except...
Note: Converts alternator to self exciting, 1-wire hook-up.
Features:
- Self exciting
- Stator activated
- Converts alternator to 1-wire hook-up



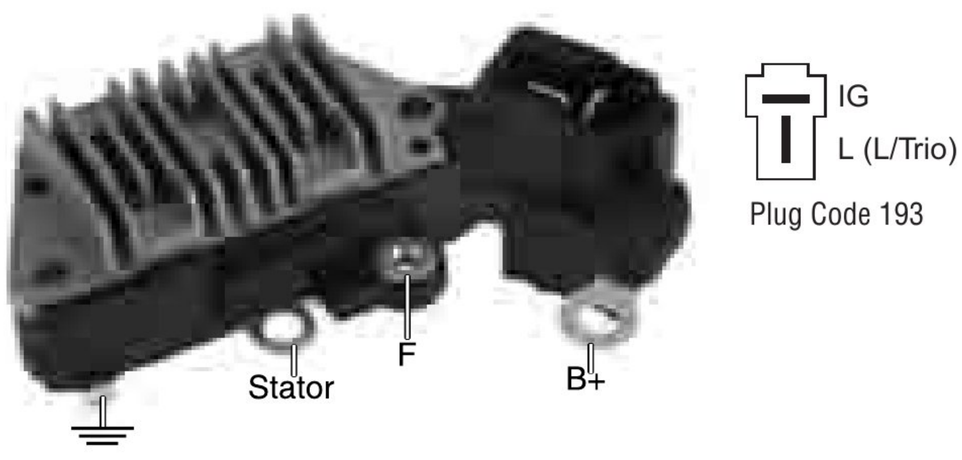
IN255

(Ref# 35-8220)

Regulator

12 Volt, A-Circuit, IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: John Deere, Massey Ferguson
Replaces: Daihatsu 27700-87209-000, Iseki 6281-271-002-0, Mitsubishi Motors MD604751, Nippondenso 126000-1160
Unit Nos: Daihatsu 27060-87212-000, Iseki 6281-200-004-0B, Kubota 16541-64011; Nippondenso 100211-444, 100211-453, 100211-463; Thermo King 5D36221G01, Yanmar 119620-77202
Lester Nos: 12188, 12270
WAI Ref. Nos: 1-2119-11ND
Dim: 57.5mm Mtg. Length
Note: L-terminal is an output terminal
Components:
TRI255 Repair Circuit



IN227

(Ref# 35-8230)

Regulator

12 Volt, A-Circuit, IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: Daihatsu, Toyota Forklift
Replaces: Daihatsu 27700-87702-000, Nippondenso 126000-0371
Unit Nos: Nippondenso 100211-140, 100211-233
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.
Components:
TRI227 Repair Circuit

PRESTOLITE



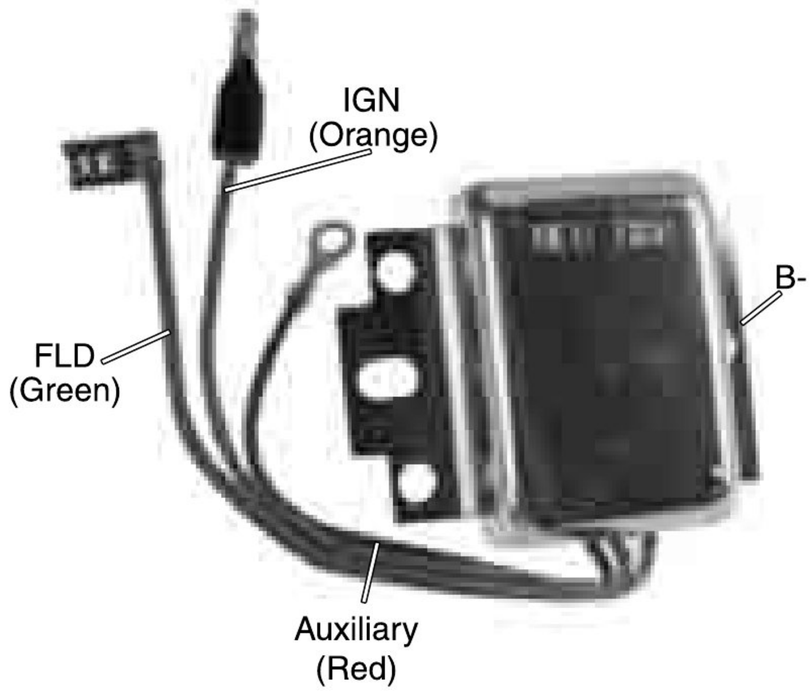
P8-328A

(Ref# 35-604)

Regulator

12 Volt, B-Circuit, Neg. Grd., 14.2 Vset

For: Prestolite ALK, ANC Series Alternators
Used On: Case, Continental, Eaton Industrial
Replaces: Prestolite 8-328A, VSH-6201A
Unit Nos: Prestolite 51-259, ALK-6220Y
Terminal ID: Green Field, Red Ignition, Case B-
Features:
- Adjustable voltage



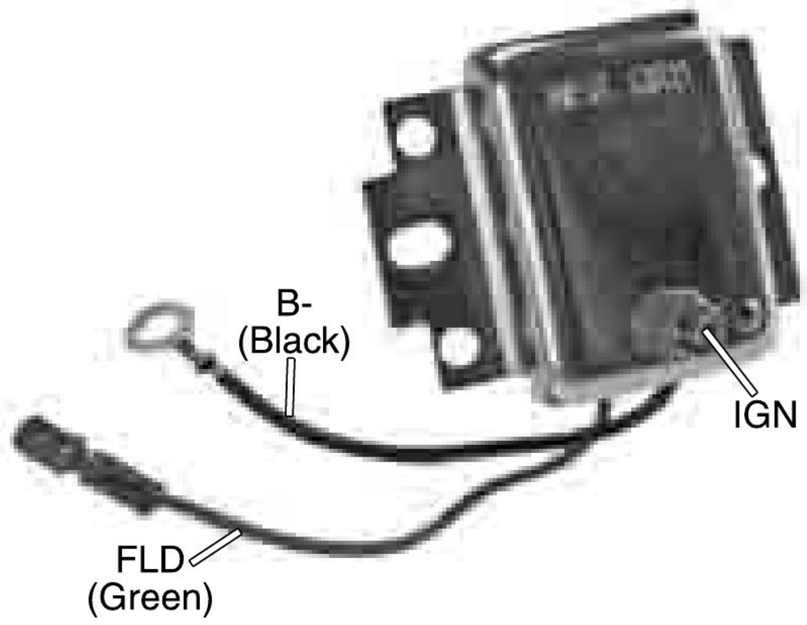
P8-343A

Regulator

12 Volt, B-Circuit, 15.0 Vset

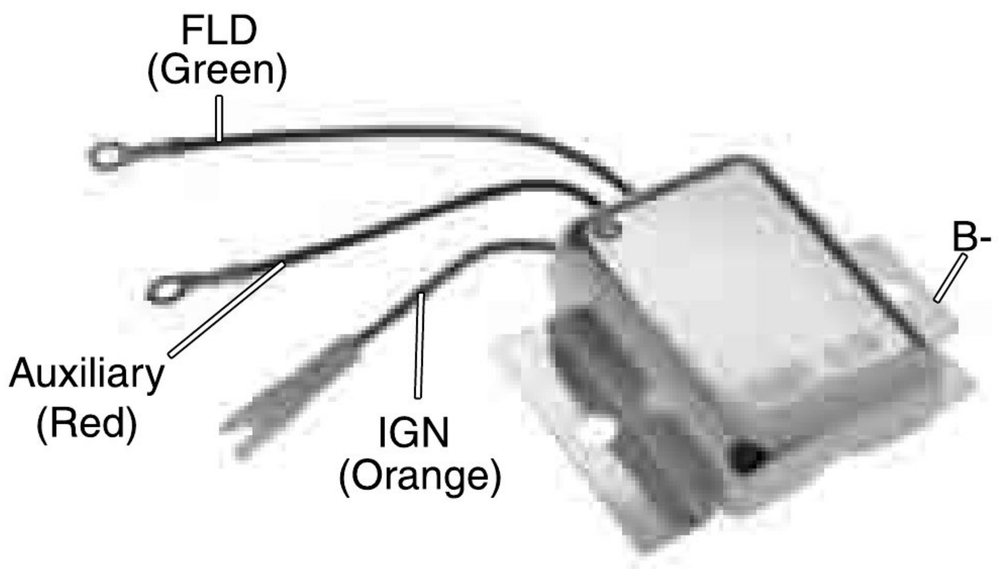
For: Prestolite ALK Series Alternators
Used On: Eaton, Hercules, Onan
Replaces: Prestolite 8-343, VSH-6201D
Unit Nos: ALK-6232S, -6305, -6306, -6306A, -6308, -6315S, -6320, -6321, -6321A, -7305, -7306A, -7306S, -7308, -7315S, -7320, -7321A, -7321S, -7323S
Lester Nos: 7042, 7306, 7336
Terminal ID:
Green Field, Red Auxiliary, Orange Ignition, Case B-
Features:
- Adjustable voltage

PRESTOLITE (cont'd.)



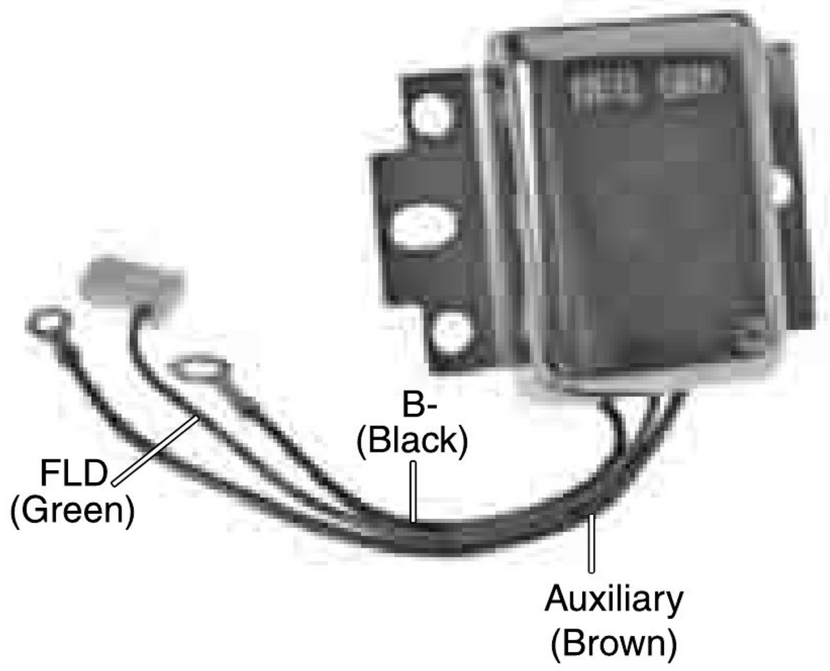
P8-352A
(Ref# 35-602)
Regulator
12 Volt, B-Circuit, Neg. Grd., 14.2 Vset

For: Prestolite ALE, ALK Series Alternators
Used On: Industrial, Marine Applications
Replaces: OMC 384537;
Prestolite 8-352, 8-354, VSH-6201G, VSH-6201N
Terminal ID: Green Field, Black B-, Stud Ignition
Features:
• Adjustable voltage



P8-368A
Regulator
12 Volt, B-Circuit, 15.0 Vset

For: Prestolite ALK Series Alternators
Used On: Eaton, Universal
Replaces: Prestolite 8-368, VSH-6201W
Unit Nos: Prestolite ALK-6211A, -6221A, -6221S, -7211A, -7211S, -7221A, -7221S
Lester Nos: 7335
Terminal ID:
Green Field, Red Auxiliary, Orange Ignition, Case B-
Features:
• Adjustable voltage



P8-379A
Regulator
12 Volt, B-Circuit, 15.0 Vset

For: Prestolite AHK, ALK Series Alternators
Used On: JI Case
Replaces: Prestolite 8-379, VSH-6201AB
Unit Nos: Prestolite ALH-6305, -6306, -6320, -6322, -7305, -7306, 7307, -7321, -7322; ALK-6307, -6314, -6322, -7314, -7322
Lester Nos: 7301, 7303
Terminal ID: Green Field, Black B-, Brown Auxiliary
Features:
• Adjustable voltage

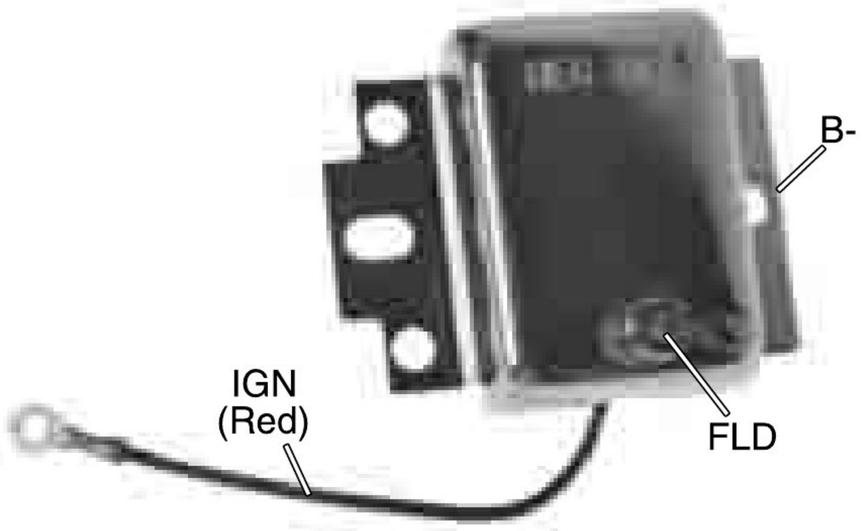


P8-393
(Ref# 35-600-1)
Regulator
24 Volt, B-Circuit, Neg. Grd., 27.5 Vset

For: Prestolite ANB Series Alternators
Replaces: Caterpillar 6N3821; Prestolite 8-393, 8-394, 8-426, VSH-6401C, VSH-6401CS, VSH-6401D, VSH-6401ES
Unit Nos: Case A44794, A47434; Caterpillar 2P1204, 2P1698, 2P5113, 2P7836, 5C8661, 6N5468, 9S4870;
Prestolite 51-212, ANB-6004, -7001, -7002, -7003, -7004
Lester Nos: 7331
Terminal ID: Green Field, Case B-, Orange Auxiliary

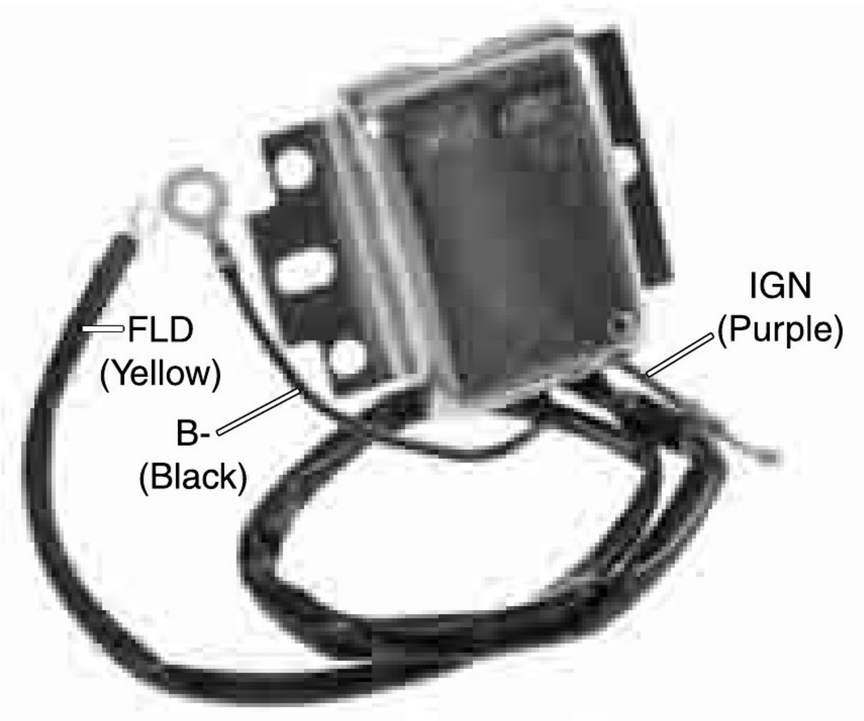
P8-393A
(Ref# 35-600)
Regulator
24 Volt, B-Circuit, Neg. Grd., 27.5 Vset

Same as P8-393 except...
Features:
• Adjustable Voltage



P8-403A
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Prestolite Alternators
Replaces: IHC 515927300; Prestolite 8-403, VSH-6201AE
Terminal ID: Stud Field, Red Ignition, Case B-
Features:
• Adjustable voltage

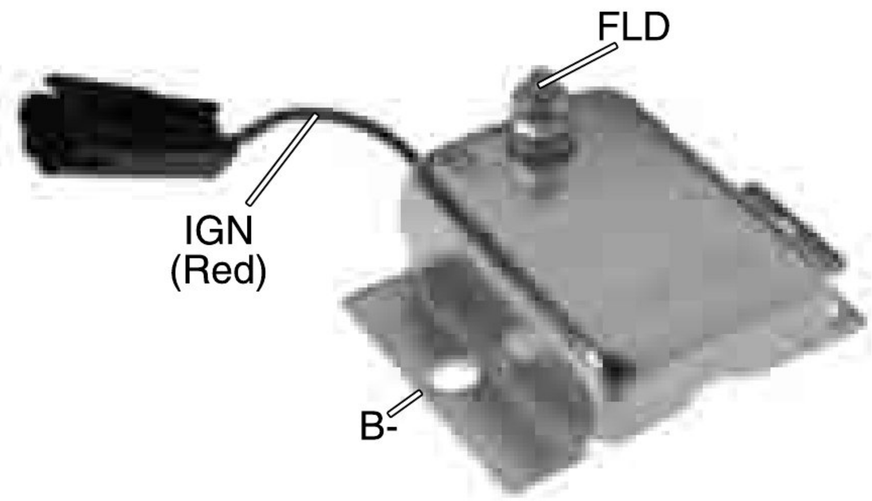


P8-404
(Ref# 35-601)
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Prestolite ALK Series Alternators
Used On: OMC Inboard
Replaces: OMC 383440; Prestolite 8-339, 8-404, VSH-6201AF, VSH-6201AFY, VSH-6204AFY
Unit Nos: Prestolite ALK-6222, A, AY, Y
Lester Nos: 7320
Terminal ID: Black B-, Purple Ignition, Yellow Field
Note: For adjustable voltage use P8-404A.

P8-404A
(Ref# 35-601)
Regulator
12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.

Same as P8-404 except...
Features:
• Adjustable voltage

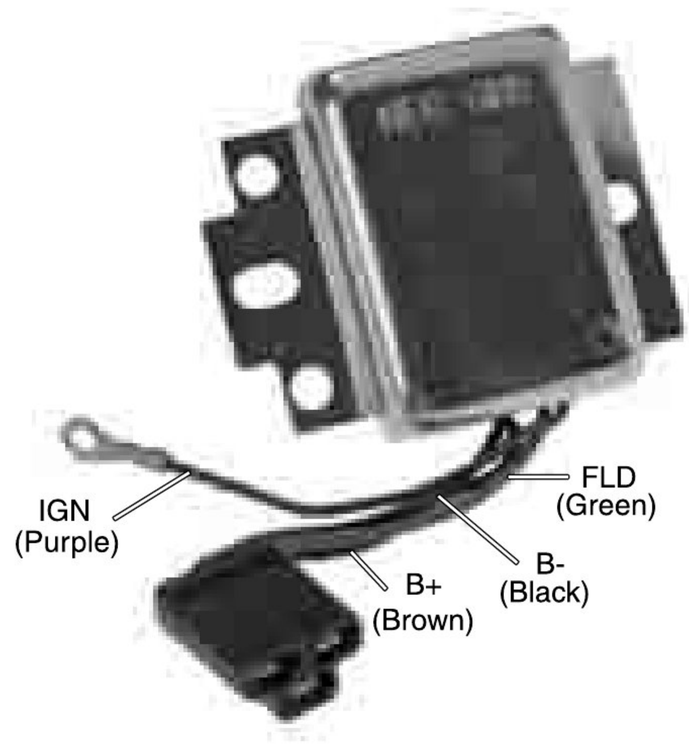


P8-405
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Prestolite ANE Series Alternators
Used On: Chrysler Marine
Replaces: Prestolite 8-356, 8-405, VSH-6201J, JY
Unit Nos: Prestolite 51-169, 51-266, ANE-5201S, ANE-5202S
Lester Nos: 7324
Terminal ID: Stud Field, Red Ignition, Case B-.
Note: For adjustable voltage use P8-405A.

P8-405A
Regulator
12 Volt, B-Circuit, 14.2 Vset

Same as P8-405 except...
Features:
• Adjustable voltage

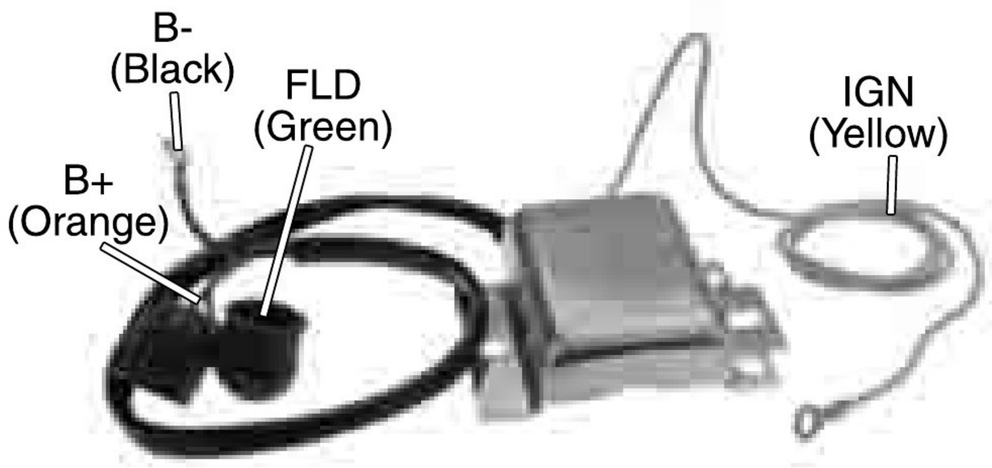


P8-406A
Regulator
12 Volt, B-Circuit, 15.0 Vset

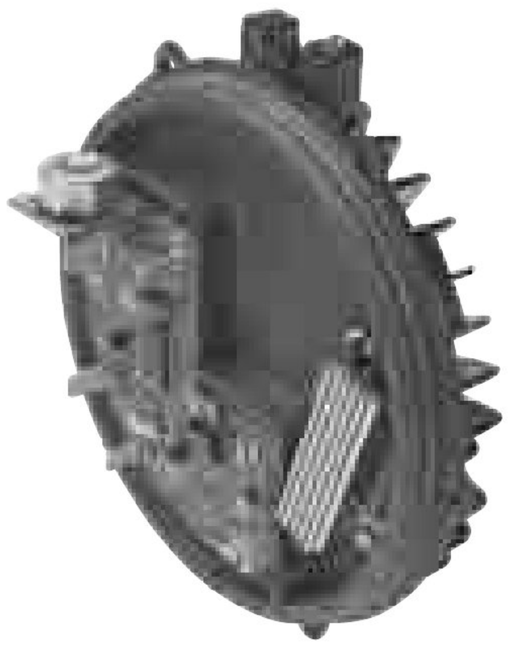
For: Prestolite ALK Series Alternators
Used On: Waukesha, Pleasure Craft Marine Applications
Replaces: Prestolite 8-406, VSH-6201ADY
Unit Nos: Prestolite 51-259, ALK-6220Y
Lester Nos: 7343
Terminal ID:
Green Field, Black B-, Brown (B+), Purple Ignition.
Features:
• Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)

PRESTOLITE (cont'd.)



P8-407A
(Ref# 35-603)
Regulator
12 Volt, B-Circuit, 15.1 Vset
For: Prestolite ALE, ALK Series Alternators
Used On: Chris Craft Marine, Flagship Marine, Owens
Replaces: Prestolite 8-350, 8-407, VSH-5204BY, VSH-6201ACY
Unit Nos: Prestolite ALE6207Y, ALE6221AY, ALK6209Y, ALK6225YS
Terminal ID:
Green Field, Black B-, Orange (B+), Yellow Ignition
Features:
• Adjustable voltage



35-605
Regulator
24 Volt
For: Prestolite Alternators
Used On: Hummer 6.5L, Cummins, Military Equipment, White
Replaces: Prestolite 35-790, AMA-2004AS
Unit Nos: Prestolite 51-281, AMA-5104AUT, AMA-5104BUT, AMA-5104CUT, AMA-5104UT
Features:
• 100% New



81-6901
(Ref# P1730)
Regulator
12 Volt, Neg. Grd., 14.2 Vset, Two-Unit Type
B-Circuit, 4-Terminal
For: Prestolite ALE, ALF, ALK Series Alternators
Used On: Automotive, Marine Applications
Replaces: Prestolite 8-124, 8-125, 8-127, 8-223, 8-228, 8-415, 8-726, VBV-6201A, C, D; VBV-6202B; VBV-6221A, C
Unit Nos: Prestolite 51-12, -17, -33, -38, -49; ALD-5006; ALE-5004, -5005, -5007, -5120, -5201A, -5201C, -5202, -5202B, -5202S, -5202Y; ALF-5101, -5101S, -5201, -5201S; ALH-5120; ALK-5201S, -5202, -5202-1, -5202Y, -6204A
Lester Nos: 7029, 7041, 7308, 7311, 7313, 7325
Terminal ID: IGN-ARM-FLD-BAT

SAWAFUJI



IW700
Regulator
24 Volt, A-Circuit, R-L-F-E-L-A-N Terminals, 28.5 Vset
For: Sawafuji Alternators
Used On: Hino, Nissan Truck
Replaces: Hino 27700-1700; Nissan 23500-Z9007; Sawafuji 1291-008-00X0
Unit Nos: Hino 27040-1321, -1571, -1641, -1652, -1670, -1731, -1761, -1811, -1821; 27050-1332, -1410, -1420; Nissan 23099-96510, -Z5615, -Z5665; 23100-97507, -Z5617; Sawafuji 0201-102-2910, -2921, -2963, -2973, -3110, -3112; 0201-152-0010, -0021, -0043, -0053; 0201-172-0012, -0013, -0121; 0201-202-0011, -0210; 0201-222-0013, -0023, -0113, -0220, -0262, -0272, -0312, -0412, -0421; 0202-102-1811, -1823, -1910, -1921, -1933, -1943; 0202-152-0010, -0021, -0033, -0043, -0123; 0202-202-0011; 0202-222-0012, -0110, -0142, -0152, -0211, -0222
Dim: 59mm Mounting



IW701
Regulator
12 Volt, A-Circuit, R-L-F-E-L-A-N Terminals, 14.2 Vset

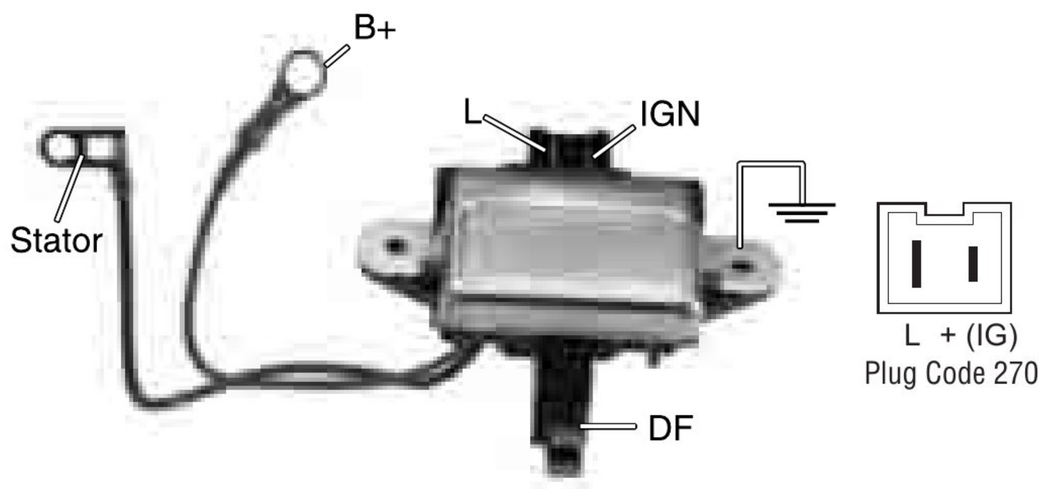
For: Nippondenso IR/EF Alternators
Used On: Hino
Replaces: Nippondenso 126000-8000
Unit Nos: Hino 27040-19700A, B; 27040-1970A; Nippondenso 101211-800
Lester Nos: 12178



IH708
Regulator
24 Volt, A-Circuit, R-L-F-C-E Terminals, 28.7 Vset

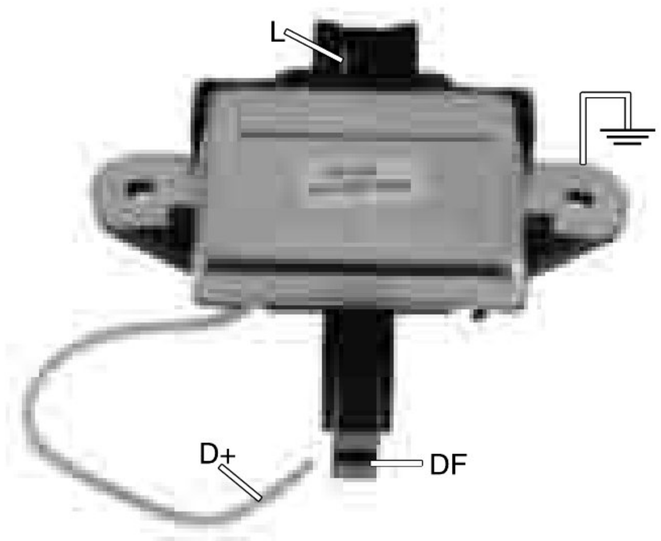
For: Sawafuji Alternators
Used On: Nissan, Hino Bus, Industrial, Truck Applications
Replaces: Hino 27700-1370, 27700-1510; Nissan 23500-99005, Sawafuji 1291-004-00X0
Unit Nos: Hino 27040-1072, -1091, -1101, -1103, -1111, -1113, -1120, -1130, -1130A, -1141, -1151, -1160, -1200, -1210, -1290, -1444; 27050-1012, -1023, -1041, -1051, -1061, -1081, -1130, -1140, -1150, -1160; Nissan 23100-96074, -96075, -96077, -96078, -96174, -96176, -96177, -96263, -96265, -97068, -97069, -97070, -97071, -97072, -97114, -97115, -97117, -97164, -97165; Sawafuji 0214-102-0011, -0021, -0213, -0314, -0410, -0420, -0511, -0611, -0711, -0813, -0911, -1011, -1013, -1111, -1113, -1210, -1220, -1230, -1310, -1320, -1330, -1410, -1420, -1510, -1611, -1711; 0214-152-0011, -0030, -0110, -0210, -0220, -0230; 0214-252-0011, -0020; 0214-302-0010, -0040, -0050, -0110; 0214-501-0010, -0110, -0111; 0214-801-0110
Dim: 60mm Mounting

VALEO
Valeo - Ducellier



ID1010-1
(Ref# 35-9406)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.3 Vset

For: Ducellier / Valeo 50-70A IR/EF Alternators
Used On: (1987-80) DeLorean, Renault
Replaces: Ducellier 511006, 511008, 511010, 511022, 511024, 581228, 581255, 581256, 690587, 690645, 691097, 691292
Unit Nos: Ducellier / Valeo 516006, 516006, 516006, 516008, 516008, 516009, 516009, 516020, 516020, 516025, 516025, 516029, 516029, 516030, 516030, 516034, 516042, 516045, 516047, 516048, 516049, 516058, 516062
Lester Nos: 14323, 14324, 14327, 14329, 14330, 14582, 14959, 14984
WAI Ref. Nos: 1-1307-01DU, 1-1309-01DU, 1-1310-01DU, 1-1311-01DU, 1-1313-01DU, 1-1314-01DU, 1-1385-01DU



ID1015
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Ducellier / Valeo IR/EF Alternators
Used On: Fiat
Replaces: Ducellier 511015, 511023, 581257, 592991, 691112, 691140, 691183, 691303, 691338, 691406, 691458, 691617, 6944548, 694548, 694617; Peugeot 576148, 576149, 576161, 576164; Seat 0003981082; Valeo NB926
Unit Nos: Ducellier / Valeo 514005D, E, F; 514007C, D, E, F; 514010B, C, D; 516002D, 516014B, 516032A, B; 516040B, C; 516041B, C; 516046A, 516053A, 516054A, 516055B, 516065A

VALEO

Valeo - Ducellier (cont'd.)



ID4009
Regulator
12 Volt, B-Circuit, 14.3 Vset

For: Ducellier, Paris Rhone, SEV, Valeo ER/EF Alternators
Used On: (1983-70) Peugeot, Renault, Volvo
Replaces: Ducellier 510002, 510004, 519001, 8320, 8327, 8347, 8349, 8350, 8362, 8364, 8371, 8372, 8376, 8378, 8381, 8382;
Paris Rhone 100065, 100066, 100207, 70335, 70747, 71854, 74547, 76722, 76833, 76834, 77224, 77555, 78819, 79343, 79368, 79583, 79584, 79628, 92361, 92782, 93782, 95394, 96126, 96637, 96731, 97343, 97382, 99464, AYA21, AYA210, AYA213, AYB21, AYB210, AYB211, AYB2110, AYB2113, AYB2115, AYB2116, AYB2118, AYB2119, AYB212, AYB2123, AYB2124, AYB2125, AYB2128, AYB213, AYB215, AYB218, YL411;
Peugeot 576123, 576124, 576132, 576133, 583502;
Renault 5000-821-852, 7700-348-281, 7700-519-493, 7700-519-949, 7700-530-749, 7700-544-686, 7700-660-469, 7700-666-179, 7701-348-281;
SEV 33036, 33067, 33081, 33506, 33518, 33519, 33522, 33524, 33525, 33532, 33538, 33544, 33546, 33560, 33561, 50546, 72260202, 72260402, 72260502, 72415002, 72415202, 72415502, 72415802, 72416202, 72416302, 72610002, 72610102, 72610602, 72610702, 72710002, 72710202, 72710302, 72710402, 72710602, 72710802, 72711602;
Valeo 096126, 505-045, 505-048, 505-049, 505-45, 505-48, 505-49, 9RH7013, 9RH7016, 9RH7017, A008382A, NB175, NC333, NC886
Unit Nos: Ducellier / Valeo 7522B, C, D; 7527A, B, C; 7529A, C, D, E, F; 7532A, B, C, D, E; 7533B, C, D, E; 7534A, B, C, D, E; 7535B, 7548A; 7549A, B, C, D, E, F, G; 7550A, B, C, D, E, F, G; 7553A, B; 7555A; 7556A, B, C; 7557A, B; 7571A, B, C; 7575A, B, C, D, E, F, G, H, I, J, K, L, M, N, O; 7576A; 7577A, B, C, D, E, F, G, H; 7578A, B, C, D; 7580A, B, C; 7581A, B, C; 7582A; 7585A, B, C, D; 7586A, B, C, D, E; 7590A, B, C, D, E; 7591A, B, C, D, E; 7596A, B, C, D, E, F; 7597A, B, C, D, E, F; 512001A; 513001A, B, C; 513002A, B, C; 513003A, B, C; 513004A, B, C; 513005A, B; 513008A, B, C, D; 513009A, B, C, D; 513010A, B, C, D; 513011A, 513014A, 515001A, 515002A, B, C; 515003A, B, C; 515004A, B; 515005A, B; 515006A, 515007A, 515008B; 515009, A; 515010A, 515013A, 515014A, B; 515015A, 515016A, 515018A;
Motorola / Valeo 9AL2507G, 2538K, 2540G, 2546G, 2559G, 2560G, 2572K, 2576G, 2577G, 2578G, 2579G, 2582K, 2583K, 2584G, 2585G, 2589K, 2590K, 2591K, 2592K, 2593K, 2595K, 2600G, 2607P, 2616K, 2617K, 2633G, 2666F, 2679K, 2685K, 2696G, 2765G, 2766K, 2767P, 2768G, 2774G, 2788K, 2793P, 2800G, 2817G, 2826K, 2873K, 2885K, 2939K, 5004G, 5050K, 5051P; 9AR2745G, 2796P, 2803F, 5045L, 5047L, 5050K;
(cont'd.)

(cont'd.)
Paris Rhone / Valeo A11M3, 4, 5, 6, 11, 12; A11R2, 3, 4; A12M8, 18; A12R1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 16, 17, 19, 20, 21, 22, 23, 26, 27, 28, 42, 47, 48, 49, 54, 56, 59; A13M3, 4, 6, 9, 12; A13N44T, 62, 99, 100, 101, 102, 135; A13R10L, 15, 20, 22, 38, 39L, 43L, 47L, 47LT, 48L, 49L, 49LT, 50L, 50LT, 54L, 57L, 63, 71L, 74, 78T, 79, 80T, 82T, 83, 83T, 84, 86, 86T, 90, 90T, 95, 96, 105, 108, 111L, 111LT, 115, 117, 120, 122, 123, 124, 125, 126, 129, 131, 135T, 136, 138, 140, 141, 143, 144, 145, 146, 149, 150, 151, 152, 154, 156, 157, 159, 162T, 166, 167, 169, 170, 171, 172T, 173, 174, 175, 176, 177, 178, 180, 184, 185, 186, 187, 189, 194, 195, 196, 198, 202, 210, 212, 213, 215, 219, 223, 224, 225, 235, 244, 245, 261, 265; A14R3, 11, 17, 18T, 21T, 29, 47;
SEV / Valeo 70220002, 0402, 0502, 5002; 70225102; 71206002, 0002, 0202, 0302, 0402, 0502, 0602, 0702, 0802, 0902, 1402; 71220402, 0802, 1102, 3002, 6002, 6102, 6202, 6302, 6402, 6502, 6702, 6802, 6902, 7102, 7302, 7402, 7502, 7902, 8002, 8102, 8202, 8302, 8402, 8502, 8602, 8702, 8802, 8902, 9002, 9102, 9202, 9302, 9402, 9502; 71230102, 0202, 0402, 0702, 0802, 1002, 1102, 1202, 1402, 1502, 1702; 71271202, 1302; 71333302, 71473902, 71523002; 71635102, 5202, 5502, 5602, 5802, 5902, 6002, 6102; 71645002; 71650002, 0202, 0402, 0802, 1202, 1602, 5302; 71773902;
Valeo 2059913, 2070085, 2072015, 2072557, 2072860, 2072922, 2072983, 2074514, 2074683, 2075272, 2075809, 2075897, 2075973, 2076416, 2076633, 2076665, 2076979, 2077391, 2077421, 2077423, 2077579, 2077595, 2077720, 2077751, 2078545, 2078666, 2078689, 2078710, 2078728, 2078771, 2078848, 2078849, 2078883, 2078896, 2078912, 2079720, 2079953, 2092129, 2092329, 2092424, 2093006, 2093517, 2093654, 2093867, 2094333, 2094618, 2094684, 2094705, 2094706, 2094717, 2094718, 2094785, 2094838, 2094888, 2095069, 2095088, 2095216, 2095218, 2095271, 2095411, 2095515, 2095557, 2095563, 2095564, 2095570, 2095667, 2095668, 2095700, 2095704, 2095750, 2095752, 2095766, 2095907, 2095915, 2095923, 2096014, 2096047, 2096090, 2096158, 2096274, 2096278, 2096281, 2096315, 2096364, 2096394, 2096716, 2096862, 2096863, 2096864, 2097130, 2097131, 2097161, 2097287, 2097296, 2097316, 2097429, 2097927, 2097930, 2097972, 2098058, 2098074, 2098162, 2098186, 2098192, 2098203, 2098349, 2098654, 2098697, 2099083, 2099329, 2099330, 2099366, 2099367, 2099376, 2099532, 2099883, 2099884, 2100677, 2101728, 2102448, 2102450, 2102451, 2102453, 2103183, 2104849, 2105110, 2105111, 2105793, 2105984, 2105985, 2105986, 2106020, 2181729, 2541323
Lester Nos: 13134, 14039, 14040, 14044, 14082, 14084, 14226, 14227, 14289, 14308, 14310, 14326, 14329, 14331, 14531, 14565, 14566, 14567, 14569, 14579, 14580, 14583, 14953, 14954
WAI Ref. Nos: 1-1287-01SV, 1-1288-01SV, 1-1305-01DU, 1-1305-01PR, 1-1305-01SV, 1-1309-01PR, 1-1309-01SV, 1-1312-01PR, 1-1328-01PR, 1-1328-01SV, 1-1332-01PR, 1-1333-01PR, 1-1333-01SV, 1-1333-01VA, 1-1334-01PR, 1-1335-01PR
Features:
- Solid state circuit



ID4010
(Ref# 35-9412)
Regulator
12 Volt, B-Circuit, 15.0 Vset

For: Ducellier, Paris Rhone, SEV, Valeo ER/EF Alternators
Used On: Peugeot, Simca, Porsche, Simca, Talbot, Volvo
Replaces: Ducellier 519004, 8358, 8367, 8373, 8380; Paris Rhone 73788, 76807, 77569, 77616, 79560, 79585, 79760, 79905, 97162, 97628, AYB2111, AYB2120, AYB214, AYB216, AYB217, AYB219, YL412; SEV 72711002, Valeo 505-046, Volvo 6877982
Unit Nos: Ducellier / Valeo 7526B, C; 7528B, C; 7529B, 7531B; 7543A, B; 7545A; 7552A, B, C, D; 7554A; 7560A, B, C; 7565A, B, C, D, E; 7566A, B, C; 7567A, B, C, D, E; 7568A, B, C; 7569A, B, C, D; 7570A, B; 512002A, B; 512003A, B; Paris Rhone / Valeo A12M1, 2, 3, 6, 7, 10; A13M2, 5, 7, 8, 11, 13, 15, 16, 17; A13R127; SEV / Valeo 71220002, 71220102, 71220602, 71220702, 71220902, 71221002, 71223202, 71223602, 71226602, 71270102, 71270302, 71271002, 71923002
Lester Nos: 14551



ID8366
Regulator
12 Volt, B-Circuit, 14.3 Vset

For: Ducellier, Paris Rhone, SEV, Valeo ER/EF Alternators
Used On: Citroen (Europe)
Replaces: Citroen 5490702, GX1110910A; Ducellier 8366, 8379; Paris Rhone AYC2114, AYC2117, AYC2127, AYC213, YL413; SEV 519003, 72718002; Valeo 077488, 093653, 096350, 096402, 100068, 505-047, 579003, 77488, 93653, 96350, 96402, 9RH7015, NB976
Unit Nos: Ducellier / Valeo 7541C; 7562A, B, C, D, E, F; 7584B, D, E; 7593A; 515012A; SEV / Valeo 71655002, 71655102
Lester Nos: 14263, 14291
WAI Ref. Nos: 1-1290-01SV, 1-1299-01SV

Valeo - GM



Plug Code 322

M520
(Ref# 35-9430)
Regulator / Brush Holder Assy.
12 Volt, B-Circuit, S-F-L Terminals

For: Valeo IR/IF Alternators
Used On: (2005-02) Chevrolet, Oldsmobile, Pontiac
Replaces: Valeo 2542499
Unit Nos: Delco / GM 10317648, 10440636; Valeo 2542559A; 2650011, A, B, 2650017, A; SG12S056, 071
Lester Nos: 13943
WAI Ref. Nos: 1-2420-01VA



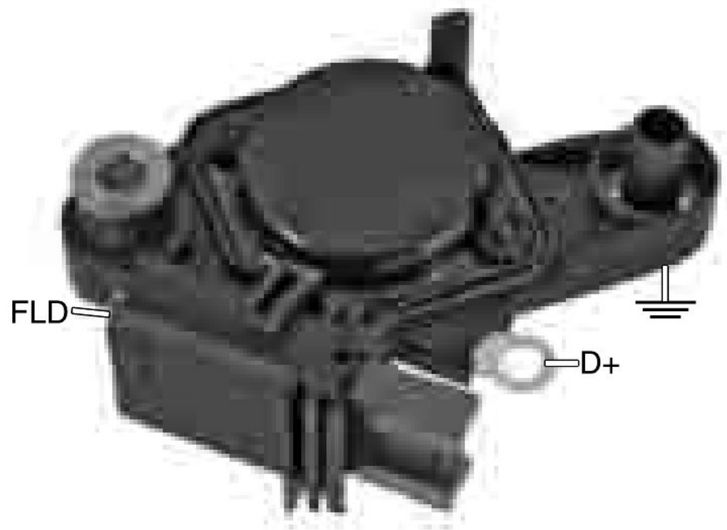
M524
Regulator / Brush Holder Assy.
12 Volt, B-Circuit, F-L Terminals

For: Valeo IR/IF Alternators
Used On: (2005-01) Buick, Chevrolet, Oldsmobile, Pontiac, Saturn
Replaces: Valeo 2542765
Unit Nos: Delco / GM 10300559, 10317731, 10426395, 22683070, 22683071; Valeo 2542454A, 2650135A; SG10S034, 036, 044; SG12B0S41; SG12S057, 070, 083, 084, 084
Lester Nos: 11069, 13866, 13938, 13944
WAI Ref. Nos: 1-2506-01VA, 1-2551-01VA, 1-2552-01VA

ALTERNATOR - REGULATORS (TRANSPO)

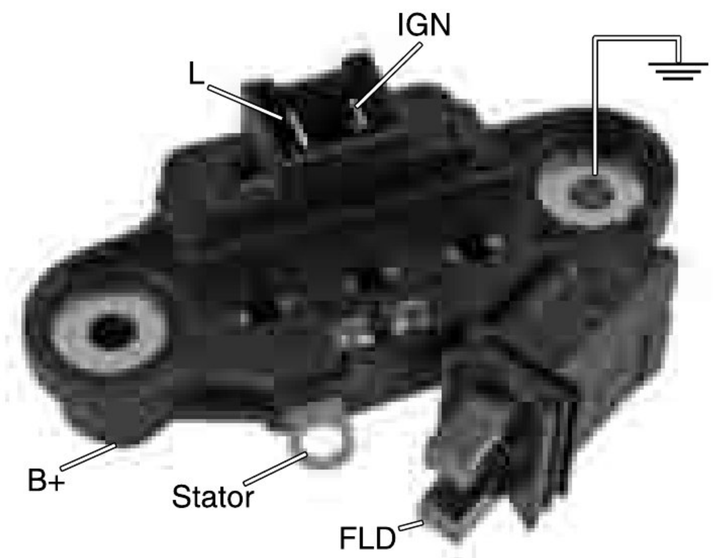
VALEO

Valeo - Motorola



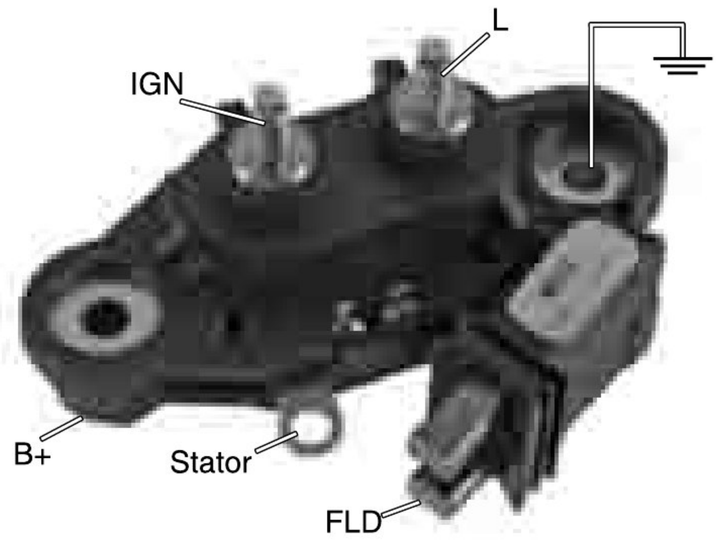
M511
(Ref# 35-9426)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Valeo IR/IF Alternators
Used On: (2002-94) BMW, Mercedes, VW, Volvo
Replaces: Mercedes 002-154-91-06;
Valeo 592910, 593131, YV3970H
Unit Nos: BMW 12-31-1-735-743, 12-31-1-744-560, 12-31-1-744-561; Mercedes, 009-154-58-02;
VW-Audi, 021-903-025F, 028-903-021F, 030-903-023F, 037-903-023G, 078-903-015B;
Valeo A13VI40, 41, 54, 99, 121, 123, 124, 132, 152, 176, 197
Lester Nos: 13458, 13470, 13656, 13708, 13709, 13799
WAI Ref. Nos: 1-1539-02VA, -03VA; 1-1808-01VA, 1-1950-42VA, 1-2131-01VA, 1-2200-01VA



M512
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.6 Vset

For: Paris Rhone / Valeo IR/IF Alternators
Used On: Audi, VW
Replaces: Valeo 2541407, 592802, YV1668H, YV1868H
Unit Nos: Paris Rhone / Valeo A13VI13, 28, 30, 52;
Valeo 2541306, 2541325, 2541463



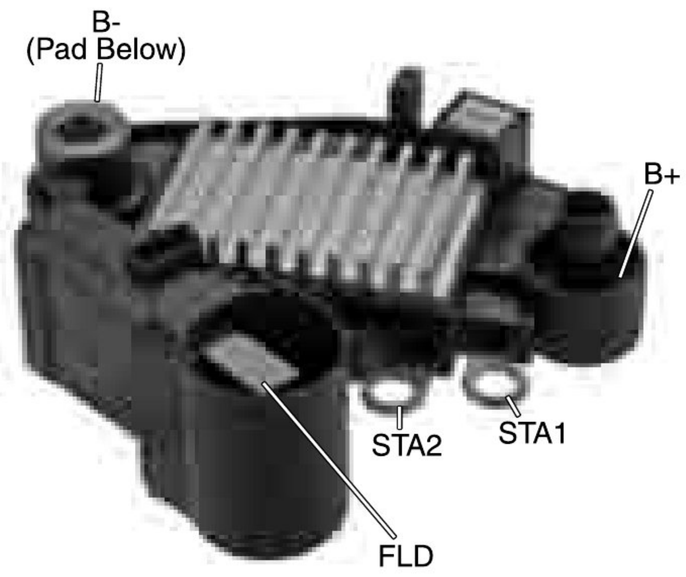
M513
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.6 Vset

For: Paris Rhone / Valeo IR/IF Alternators
Used On: Fiat, Audi
Replaces: Valeo 2541406, 2541496, 592793, 9RC2055, 9RC2062, A808239A, YV1667H, YV1867H
Unit Nos: Paris Rhone / Valeo A11VI26, 27, 28, 30, 31, 34, 59, 61; A13VI104, 105, 106, 107, 11, 128, 129, 131, 14, 15, 153, 16, 17, 20, 21, 22, 23, 25, 32, 34, 35, 45, 47, 55, 56, 57, 62, 64, 65, 66;
Valeo 2541262, 2541310, 2541339, 2541344, 2541386, 2541394, 2541448, 2541609, 2541610B, 2541823, 2541824



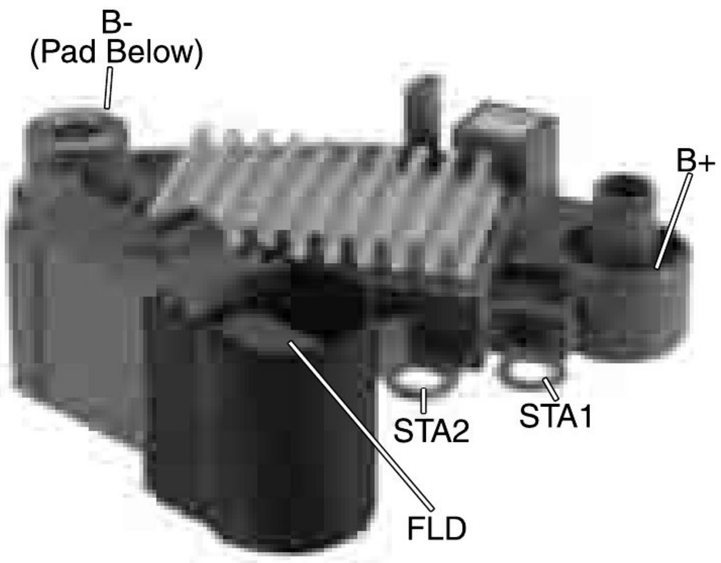
M514-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.6 Vset

For: Paris Rhone / Valeo IR/IF Alternators
Used On: Fiat
Replaces: Fiat 9946195; Valeo 2541715, 254175, 2808323, 590932, 593138, 9RC6074, YM6951
Unit Nos: Paris Rhone / Valeo A13VI72, A13VI73, A14VI37;
Valeo 2541678, 2541679



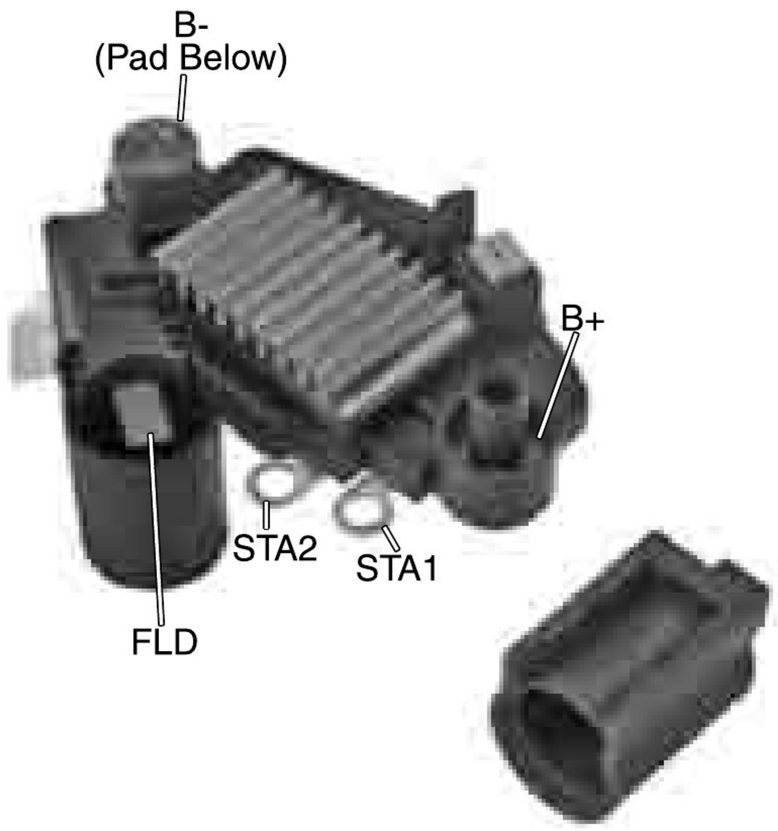
M516
Regulator / Brush Holder Assy.
12 Volt, B-Circuit, L-Terminal, 14.6 Vset

For: Paris Rhone / Valeo IR/IF Alternators
Used On: Renault
Replaces: Valeo 2541952, 593316, 593411, YM1620
Unit Nos: Paris Rhone / Valeo A11VI87, 88, 94, 98, 110, 111; A13VI188, 195, 235, 238, 249, 251, 252, 253, 259, 285, 289, 290, 291, 297, 300



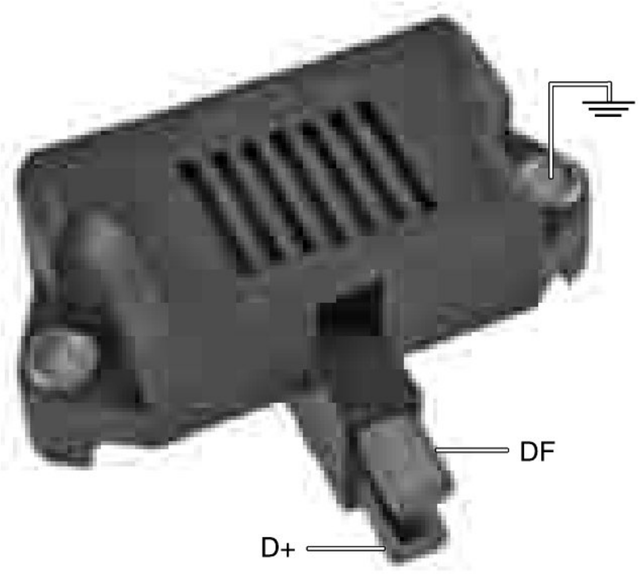
M517
Regulator / Brush Holder Assy.
12 Volt, B-Circuit, L-Terminal, 14.4 Vset

For: Paris Rhone / Valeo IR/IF Alternators
Used On: Renault
Replaces: Valeo 593290, 593310, 593349, YM1600
Unit Nos: Paris Rhone / Valeo A11VI79, 81, 85, 92, 93, 96, 97, 104, 105, 179; A13VI157, 163, 164, 165, 166, 167, 179, 184, 185, 201, 207, 208, 209, 210, 211, 212, 213, 216, 217, 218, 224, 227, 254, 255, 264, 265, 266, 267, 268, 269, 292; A14VI17, 18, 24, 25, 85, 92



M519
Regulator / Brush Holder Assy.
12 Volt, B-Circuit, L-Terminal, 14.5 Vset

For: Valeo IR/IF Alternators
Used On: Citroen, Peugeot
Replaces: Valeo 593284, 2541834, YM6603
Unit Nos: Valeo A14VI15, A14VI16, A14VI27, A14VI35, A14VI41
Features:
- Soft start
- Load dump protected



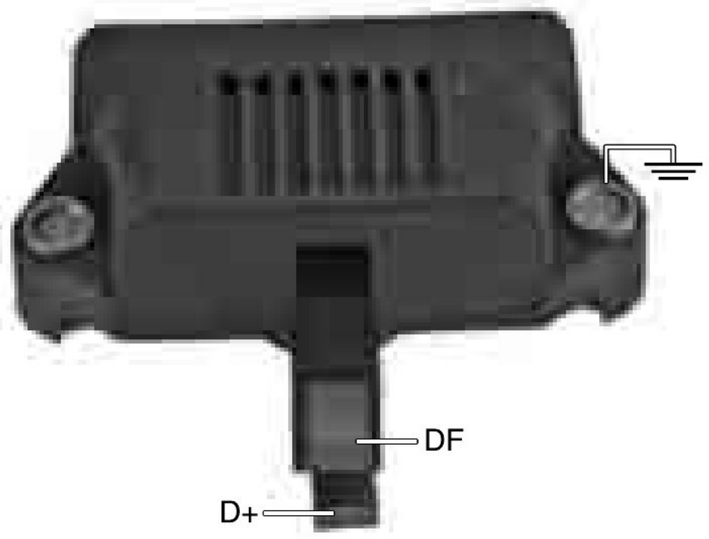
M506-1
(Ref# 35-9422)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.1 Vset

For: Motorola / Valeo 9RC Series IR/EF Alternators
Used On: (1994-86) BMW, VW
Replaces: Motorola / Valeo 9RC2018, 9RC7088, 9RC7104; Valeo 2519124, 2522939, 2523198, 2940318, 505-100, 505-105, 592781, YV9911
Unit Nos: Motorola / Valeo 9AR2977L, 5088L; Valeo 2940305, 2940375; A13E07, 13; A14V13
Lester Nos: 13467, 14875
WAI Ref. Nos: 1-1387-01VA, 1-2130-01VA
Note: 14.1 Vset.
For 14.5 Vset version use M507-1.
For 15.0 Vset version use M508-1.

ALTERNATOR - REGULATORS (TRANSPO)

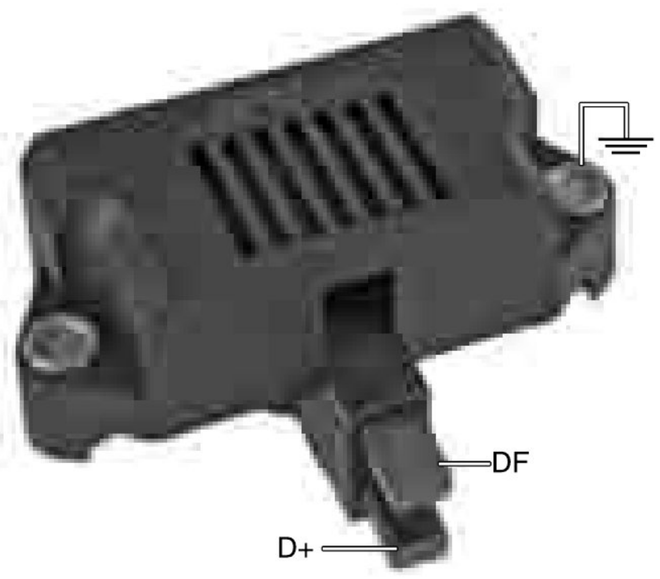
VALEO

Valeo - Motorola (cont'd.)



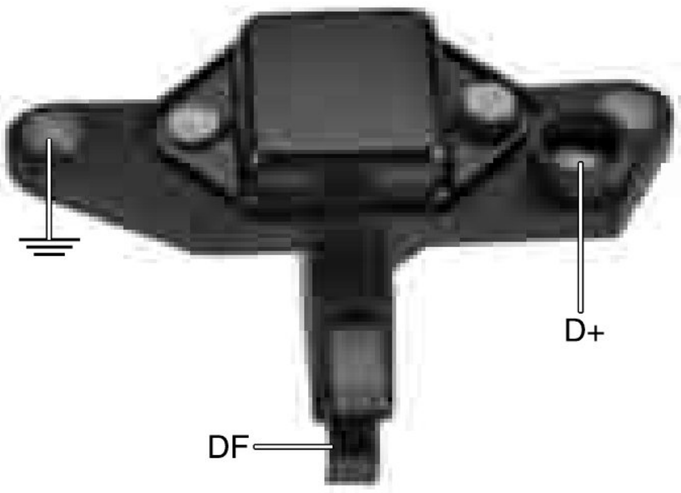
M507-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Motorola / Valeo 9AR Series Alternators
Used On: (1993-86) VW; Elgin Sweeper
Replaces: Motorola / Valeo 9RC2021;
Valeo 2523190, 2521760, 2521766, 2522339, 2522939, 2940328, 2941121; VW-Audi 037-903-803, A
Unit Nos: Motorola / Valeo 9AR2970K, 2971G, 2972G, 2973L, 2974L, 2975L, 2976K, 2977L, 5044K, 5046G, 5081K, 5082G, 5083G, 5084L, 5085L, 5086L, 5087K, 5089G, 5090L, 5099L, 5100G, 5101K, 5107L;
Valeo 2518057, 2541163, 2940305, 2940356, 2940363, 2940365, 2940367, 2940369, 2940371, 2940373, 2940409, 2940426, 2941097; A13E02, 03, 04, 05, 07, 08, 09, 10, 11, 12
Lester Nos: 14875
WAI Ref. Nos: 1-1387-01VA
Note: 14.5 Vset.
For 14.1 Vset version use M506-1.
For 15.0 Vset version use M508-1.



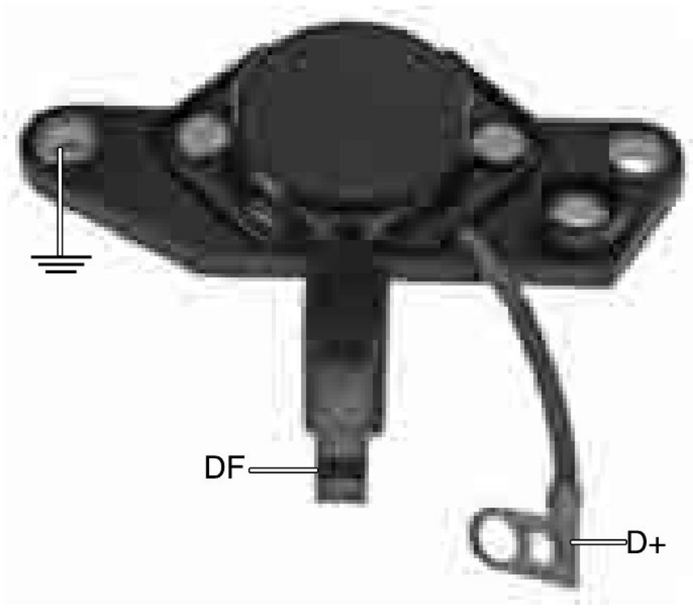
M508-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 15.0 Vset

For: Motorola / Valeo 9RC Series IR/EF Alternators
Used On: (1994-86) BMW, VW
Replaces: Motorola / Valeo 9RC2018, 9RC7088, 9RC7104;
Valeo 2519124, 2522939, 2523198, 2940318, 505-100, 505-105, 592781, YV9911
Unit Nos: Motorola / Valeo 9AR2977L, 5088L;
Valeo 2940305, 2940375; A13E07, 13; A14V13
Lester Nos: 13467, 14875
WAI Ref. Nos: 1-1387-01VA, 1-2130-01VA
Note: 15.0 Vset.
For 14.1 Vset version use M506-1.
For 14.5 Vset version use M507-1.



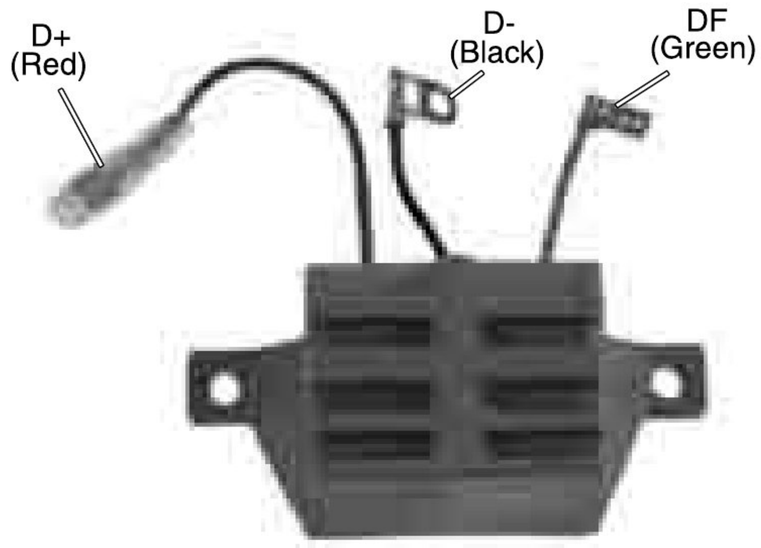
M509
(Ref# 35-9425)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Paris Rhone / Valeo IR/EF Alternators
Used On: (1993-92) Mercedes
Replaces: Mercedes 000-150-02-55,
Paris Rhone YV0913H, Valeo 592792
Unit Nos: Mercedes 008-154-87-02;
Paris Rhone / Valeo A13V02, A13V05, A13V07
Lester Nos: 13707



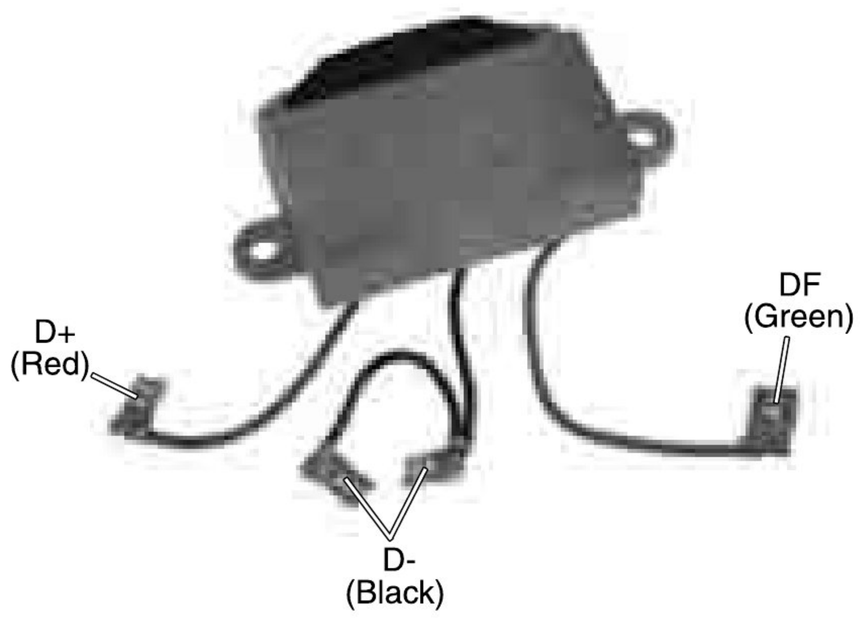
M510
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Paris Rhone / Valeo IR/EF Alternators
Used On: Fiat
Replaces: Paris Rhone YV5914;
Valeo 2518025, 2518028, 2518369, 2518427, 592602
Unit Nos: Paris Rhone / Valeo A13E01, A13E17, A13E50



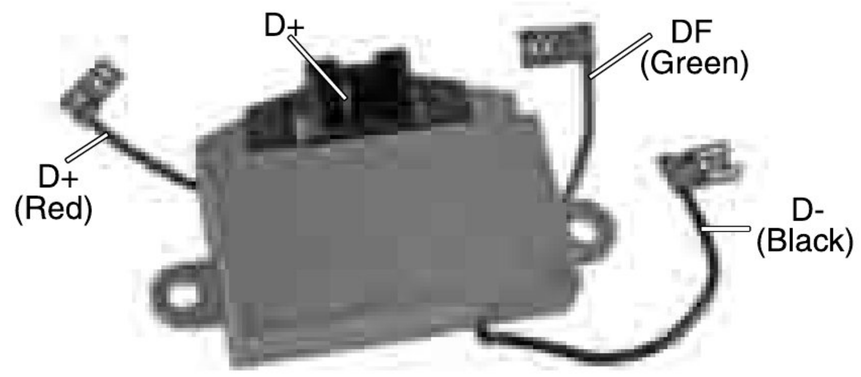
M5-507
(Ref# 35-9413)
Regulator
12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Valeo 9AR Series IR/EF Alternators
Used On: Audi, Austin, Citroen, Ford, Jaguar, Peugeot, Talbot, VW
Replaces: Motorola / Valeo 9RC7024, 9RC7025, 9RC7041, 9RC7042, 9RC7056, 9RC7057;
Valeo 505-031, 505-032, 505-069, 505-072, 505-092
Unit Nos: Motorola / Valeo 9AR2610G, 2627G, 2636G, 2650D, 2651D, 2652F, 2653F, 2654G, 2655G, 2682F, 2683G, 2687G, 2697D, 2698F, 2699G, 2700G, 2701D, 2702D, 2703F, 2704F, 2705G, 2706G, 2707G, 2708G, 2718G, 2719G, 2719K, 2726G, 2727G, 2728G, 2729G, 2750G, 2751G, 2792G, 2814D, 2814G, 2819G, 2820G, 2821G, 2839G, 2840D, 2841D, 2842G, 2843G, 2847F, 2859G, 2876D, 2877F, 2878G, 2880K, 2882F, 2883G, 2889F, 2890G, 2895F, 2896G, 2913D, 2914D, 2915F, 2916F, 2917G, 2918G, 2929G, 2951L, 2960F, 2978F, 5020F, 5048P, 5054G, 5055P, 5071F, 5073D, 5074F, 5075G, 5076G, 5077F, 5078G, 5096G, 5098F;
Valeo 2518071, 2541163, 2541164, 2541452, 2910140, 2929780, 2940137, 2940138, 2940139, 2940140, 2940173, 2940353, 2940813, 2940861, 2940930, 2941095, 2941231, 2941447
Terminal ID: Red D+, Black D-, Green DF



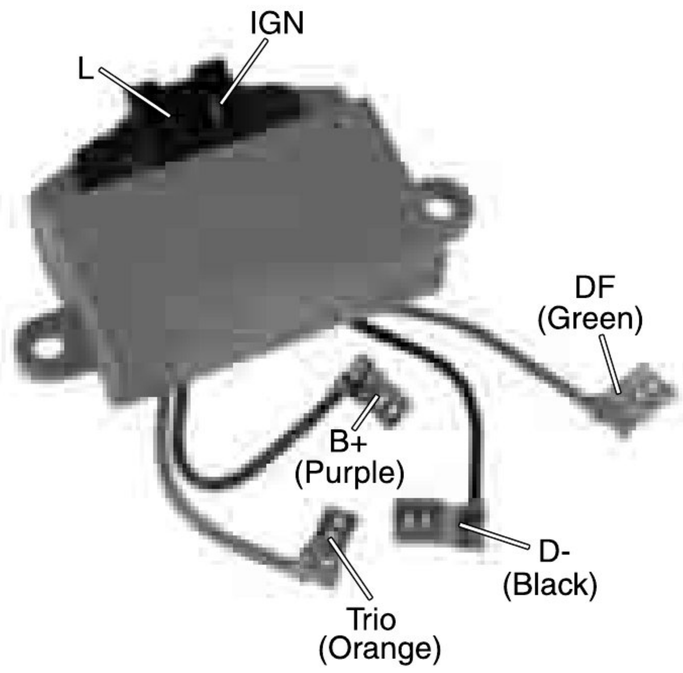
M5-370
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Valeo 9AR Series IR/EF Alternators
Used On: Perkins
Replaces: Motorola / Valeo 9RC7052, 9RC7054;
Valeo 505-037, 505-038, NB170, NB171
Unit Nos: Motorola / Valeo 9AR2732P, 2733P, 2734P, 2735P, 2736P, 2737P, 2738P, 2741P, 2742P, 2744P, 2745P, 2746P, 2747P, 2809D, 2831P, 2854P, 2881P, 2898P, 2923P, 2958P, 2998P, 2999P, 5031P, 5034P, 5080K;
Valeo 2518099, 2927340, 2940208, 2940732, 2940733, 2940754, 2940925, 2941123, 2941389
Lester Nos: 12154, 12292
Terminal ID: Red D+, Black D-, Green DF



M5-514
(Ref# 35-9418)
Regulator
12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Valeo 9AR Series IR/EF Alternators
Used On: Peugeot
Replaces: Peugeot 576144; Valeo 505-033, 9RC7047, NB167
Unit Nos: Valeo 510-181, 510-257, 510-408, 9AR2690P, 9AR2815K, 9AR2964K, 9AR2998K, 9AR5006G, 9AR5049K, 9AR5097P
Lester Nos: 14609
WAI Ref. Nos: 1-1334-01VA
Terminal ID: Plug Type: M, Wiring Code: 2
Red Isolation Diode (+), Black Ground, Green Field



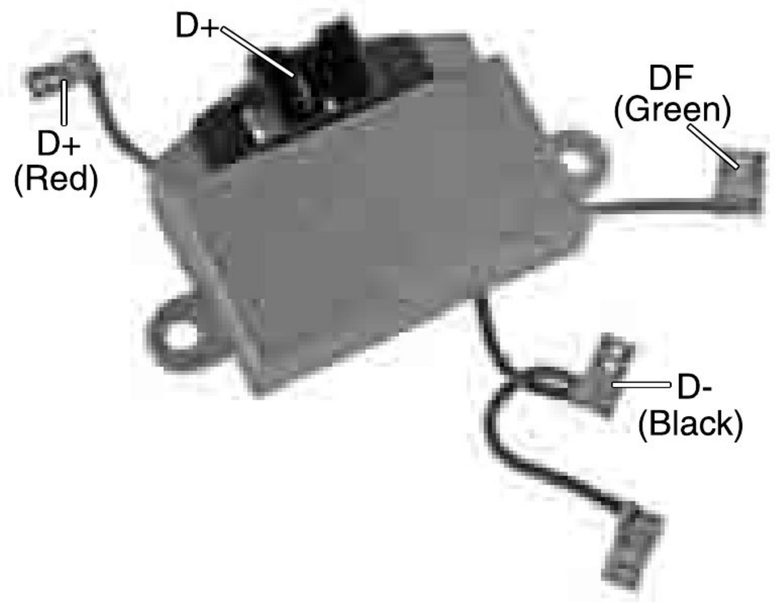
M5-515
(Ref# 35-9421)
Regulator
12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Valeo 9AR Series IR/EF Alternators
Used On: (1987-80) Renault
Replaces: Motorola / Valeo 9RC7030, 9RC7101;
Valeo 2522098, 505-026
Unit Nos: Motorola / Valeo 9AR2659K, 2660K, 2675K, 2676K, 2695K, 2760K, 2778K, 2869K, 2933P, 2934K, 2934P, 2935P, 2936P, 2945K, 2948K, 2950P, 2996P, 5023P, 5042P
Lester Nos: 14325, 14327, 14329, 14582
WAI Ref. Nos: 1-1307-01VA, 1-1309-01VA, 1-1314-01VA
Terminal ID: Orange Trio (-), Purple B+, Black D-, Green DF

ALTERNATOR - REGULATORS (TRANSPO)

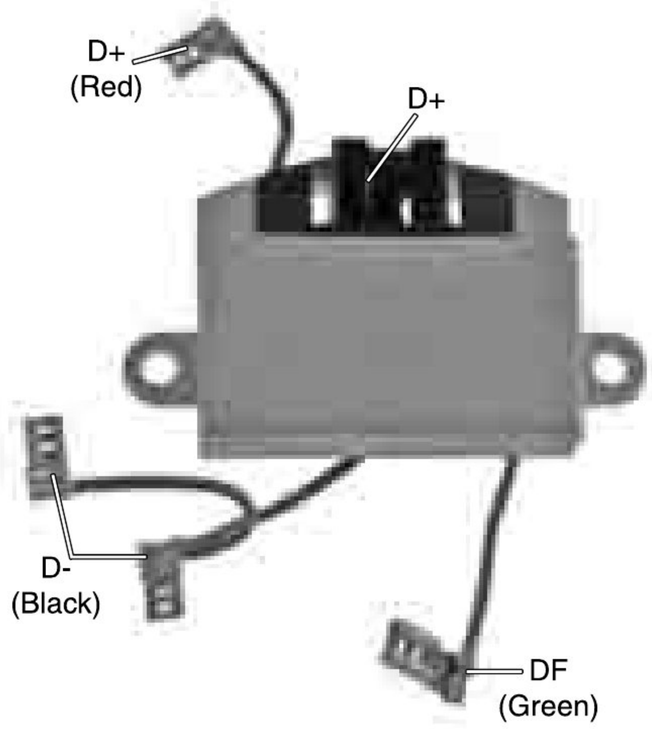
VALEO

Valeo - Motorola (cont'd.)



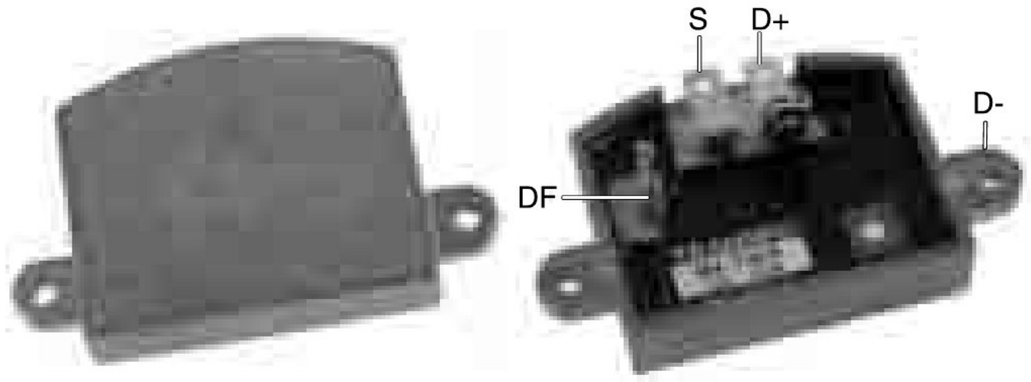
M5-517
(Ref# 35-9419)
Regulator
12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Valeo 9AR Series IR/EF Alternators
Used On: Volvo-Penta
Replaces: Motorola / Valeo 9RC7045; Valeo 505-034
Unit Nos: Motorola / Valeo 9AR2710P, 2712P, 2740P, 2748G, 2775F, 2946P, 5041P
Lester Nos: 12155
Terminal ID: Red D+, Black D-, Green DF



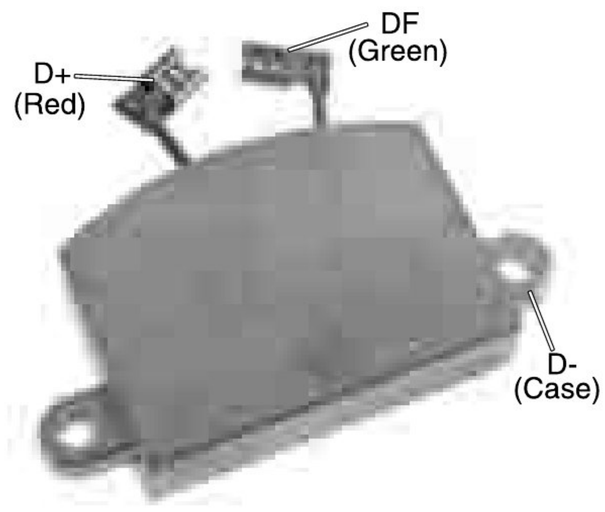
M5-518
Regulator
24 Volt, B-Circuit, 28.1 Vset

For: Motorola / Valeo 9AR Series IR/EF Alternators
Used On: Commercial Vehicles
Replaces: Motorola / Valeo 9RC8046, 9RC8055, 9RC8085; Valeo 505-035, -039, -094
Unit Nos: Motorola / Valeo 9AR3711G, 3713G, 3739G, 3743G, 3790G, 3791G, 3855G, 3894D, 3947G, 3953G, 3959G, 6000G, 6016G, 6032G, 6035G, 6094G; 'Valeo 2937430, 2940020, 2940753, 2940926, 2940928
Terminal ID: Red D+, Black D-, Green DF



M5-742A
Regulator
12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Valeo 9DA, 9DB Series Alternators
Used On: Clark, Hyster, Timberjack Skidder, White Ag
Replaces: Motorola / Valeo 9RC2004; Valeo 105-170, 105-742
Unit Nos: Motorola / Valeo 9DA2JA2B07, JA2B08, LA2B07, LA2B08, LC2B07; 9DB2KG2B58, LA2B07, LE2B58, LF2B58, LG2B58, LG2B59, LH2B58, LJ2B58, LK2B58, LL2B58; 9HA2KC2B07;
Valeo 110-305, -741, -742, -743, -744, -747, -747A, -748, -748A
Lester Nos: 14080, 14081, 7454
Features:
- Adjustable voltage



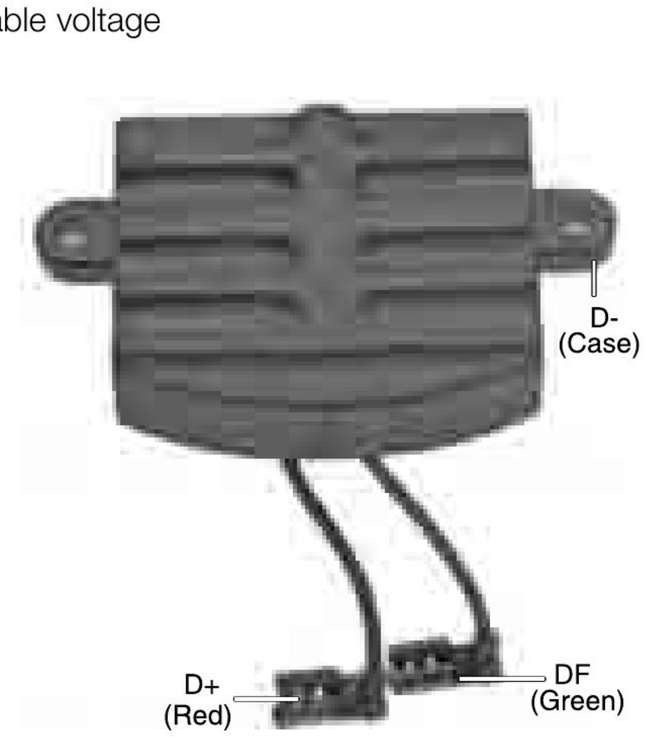
M5-763
(Ref# 35-404)
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Valeo 9BB, 9BE, 9FB, 9FD, 9FE, 9FF Series; Motorola / Valeo 9AR Series IR/EF Alternators
Used On: (1990-74) Audi, BMW, DeLorean, Jaguar, Peugeot, VW; Mack, Massey Ferguson
Replaces: Motorola 5-171, 5-180, -241, -763, -764; Motorola / Valeo 9RC2003, 2006, 2008, 7002, 7003, 7004, 7008, 7020, 7022, 7028, 7031, 7036, 7038, 7059, 7063, 7065, 7071, 7073, 7093;
Prestolite 105-171, -180, -241, -763, -764;
Valeo 505-001, -003, -005, -008, -009, -010, -011, -016, -018, -025, -028, -029, -030, -070, -078, -082, -083, -090, -098, -099, -180
Unit Nos: Motorola 9BB2KA2A01, KB2A02, KB2A06, KB2A07; 9BE2KA2A14, KA2A21, KB2A06, KB2A07, KB2A08, KB2A15, KC2A32, KD2A40, NA2A21, NB2A38, NB2A45, NE2A41; 9FB2KA2A03, KB2A04, KB2A06, KB2A07, LD2A05, LD2A07; 9FD2KB2A12, KC2A35, LD2A07, LE2A13, NA2A19, NC2A24, ND2A34, ND2A42, NE2A33, NE2A43, NF2A37, NF2A44, NG2A39, PA2A16;
9FE2KA2A11, KA2A18, KB2A06, KB2A07, KB2A08, KB2A12, KC2A35, LD2A07, LE2A13, NA2A19, NB2A22, NC2A24, ND2A34, ND2A42, NE2A33, NE2A43, NF2A37, NF2A44, NG2A39;
9FF2KA2A18, KB2A07, KB2A08, KB2A12, KC2A35, LD2A07, LD2A08, LD2A10, LE2A13, NA2A18, NC2A24, ND2A42, ND3A34, NE2A33, NE2A43, NF2A37, NF2A44, NG2A39;
(cont'd.)

(cont'd.)
9GD2NA2A25; 9JB2KA2F44;
9JG2KA2F56, NA2F42, NA2F52, NB2F45, NB2F53, ND2F49,
ND2F54, NF2F58;
9LG2KA2F48, KB2F51, KB2F57, NA2F47, NB2F50, NB2F55;
Motorola / Valeo 9AR2500K, 2501K, 2506K, 2510K, 2511F, 2512P,
2513F, 2514F, 2515K, 2516F, 2517K, 2518F, 2519F, 2520K, 2524F,
2525K, 2526F, 2527K, 2528F, 2529F, 2530K, 2533P, 2539K,
2545K, 2547F, 2548F, 2549F, 2553K, 2554K, 2555K, 2556K,
2561K, 2562K, 2563F, 2564F, 2565F, 2566K, 2567F, 2569G,
2570G, 2576F, 2587F, 2588K, 2594G, 2596K, 2602F, 2603F,
2604L, 2604P, 2605L, 2611F, 2612G, 2613F, 2614G, 2619G,
2621L, 2622L, 2624U, 2629G, 2630K, 2632F, 2637P, 2638P,
2661P, 2663K, 2671T, 2672P, 2673K, 2674T, 2684P, 2691G,
2692G, 2693P, 2694P, 2709L, 2714F, 2715F, 2723P, 2724P, 2725F,
2753P, 2753T, 2754P, 2754T, 2755P, 2756F, 2759, 2759K, 2763F,
2764L, 2777L, 2779L, 2780K, 2784K, 2785K, 2786K, 2789G,
2795P, 2795T, 2796T, 2805G, 2810L, 2811K, 2830L, 2833K,
2838L, 2846K, 2851K, 2852K, 2853K, 2856K, 2861K, 2862,
2862K, 2867L, 2884L, 2897L, 2909P, 2919P, 2920P, 2930G,
2938T, 2944K, 2962P, 29631, 2963L, 2981L, 2982L, 2984L,
2988L, 2989L, 2990P, 2991T, 2992P, 2993G, 2994P, 2997K,
5001K, 5003T, 5010F, 5010K, 5026T, 5028K, 5036L, 5037L,
5038L, 5039L, 5040K, 5043P, 5052U, 5070K, 5092K, 5108K;
Valeo 510-001, -003, -005, -006, -012, -014, -015, -031, -038,
-039, -040, -044, -045, -046, -054, -056, -057, -059, -087, -102,
-104, -122, -123, -148, -155, -189, -191, -205, -218, -219, -220,
-221, -232, -233, -245, -246, -270, -273, -283, -285, -296, -330,
-357, -401, -403, -409, -412, -441, -453, -455, -465
Lester Nos: 12103, 12120, 12172, 12173, 12306, 13105,
13106, 13113, 14068, 14071, 14073, 14094, 14297, 14332,
14401, 14402, 14406, 14408, 14610, 14810, 14831, 14832,
14834, 14984
WAI Ref. Nos: 1-1264-01VA, 1-1282-01MO, 1-1316-01VA,
1-1322-01VA, 1-1385-01VA, 1-1390-01MO, 1-1392-01MO,
1-1393-01MO, 1-1403-01MO, 1-1404-01MO, 1-1405-01MO,
1-1456-01MO, 1-1534-01VA, 1-1584-01MO, 1-1585-01MO,
1-1585-01VA, 1-1586-01MO, 1-1586-02MO, 1-1587-01MO
Terminal ID: Red D+, Green DF, Case D-.
Note: For adjustable voltage use M5-763A.
For version w/ finned case use M5-765.

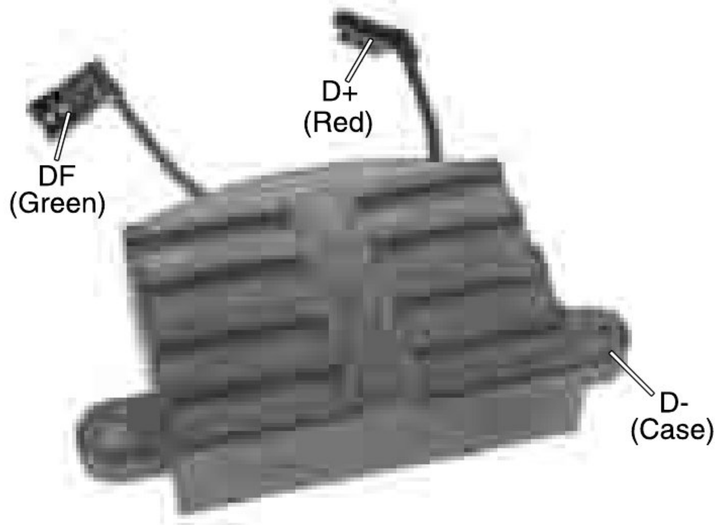
M5-763A
Regulator
12 Volt, B-Circuit, 14.2 Vset

Same as M5-763 except...
Features:
• Adjustable voltage



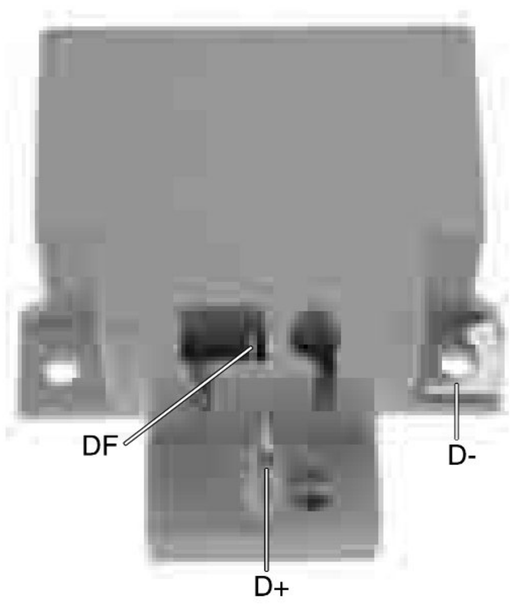
M5-765
Regulator
12 Volt, B-Circuit, 14.2 Vset

Same as M5-763 except...
Note: Finned case version of M5-763.



M5-826
Regulator
24 Volt, B-Circuit, 28.3 Vset

For: Motorola / Valeo 9AR Series IR/EF Alternators
Used On: Commercial Applications
Replaces: Motorola / Valeo 9RC8026, 9RC8027, 9RC8061, 9RC8072;
Valeo 505-013, 505-017, 505-021, 505-077, 505-084, 592538, 592540, NB194, NB457, NB461
Unit Nos: Motorola / Valeo 9AR3599G, 3620G, 3631L, 3649G, 3721G, 3787G, 3797G, 3798G, 3802L, 3806G,3825L, 3868G, 3921G, 3927G,3949K, 3961G, 3983G, 3987G, 6012G, 6015K, 6025K, 6053L, 6057L, 6058L, 6093K;
Valeo 2523158, 2940060, 2940413, 2940414, 2940776, 2940778, 2940780
Terminal ID: Red D+, Green DF, Case D-



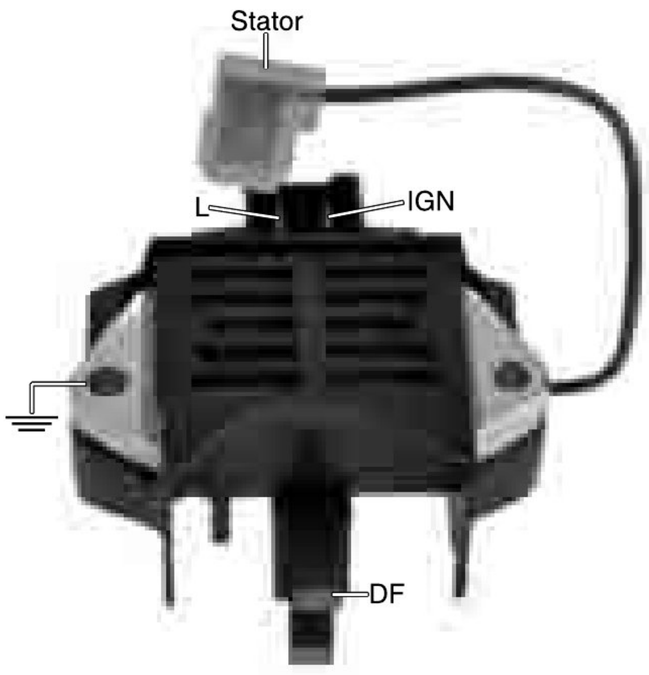
M5-762
Regulator
12 Volt, B-Circuit, 14.4 Vset

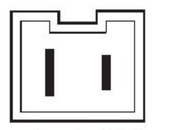
For: Motorola 8AL, 8AR Series IR/EF Alternators
Used On: (1979-75) VW
Replaces: Motorola 8RC2007, 105-762
Unit Nos: Motorola / Prestolite 8AL2034KA, 8AR2047K, 8AR2064K, 110-761; VW-Audi 043-903-023E
Lester Nos: 13080, 14991
WAI Ref. Nos: 1-1386-01MO

ALTERNATOR - REGULATORS (TRANSPO)

VALEO

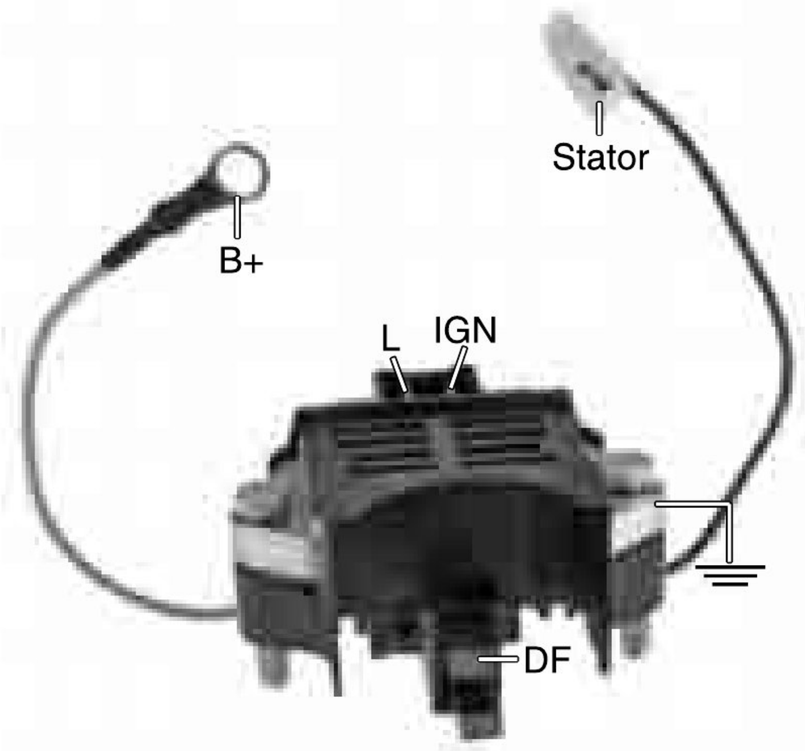
Valeo - Paris Rhone





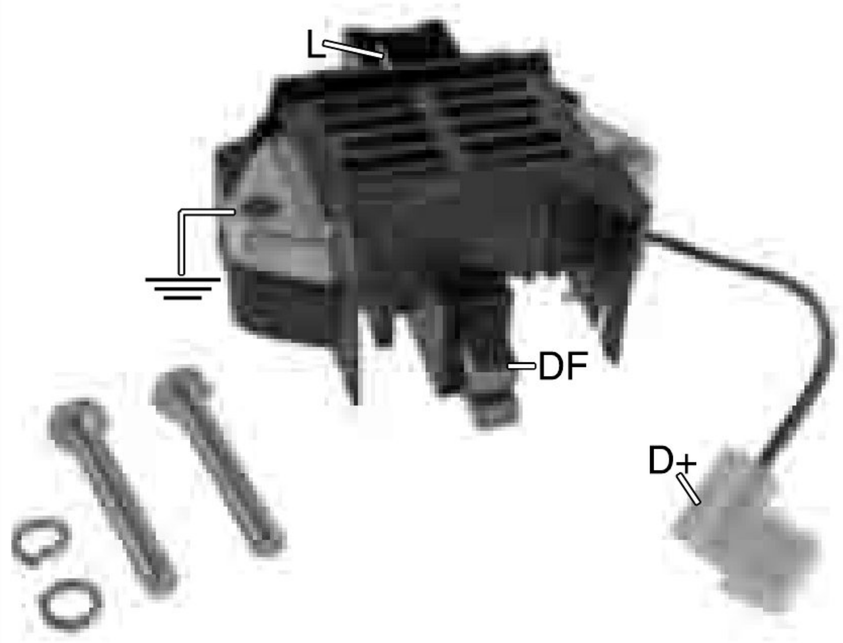
IP122-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

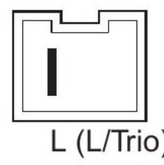
For: Paris Rhone / Valeo IR/EF Alternators
Used On: (1989-79) Eagle, Jeep, Renault, Volvo
Replaces: Ducellier 592986;
Paris Rhone 182023, 182046, 2541137, 2590522, 2590558, 300806, 300868, 300901, 92860, YH1649, YH1652, YH1654, YH1655, YH2654, YL122, YL129, YL149, YL152, YL152H, YL154, YL155, YV1652, YV1653, YV1655;
Renault 5000-820-239, 7701-028-400, 7701-029-095, 7701-031-737, 7701-033-171, 7701-348-589;
SEV 71490602, 72590602, 72590702;
Valeo 2590588, 300668, 300795, 300894, 92860, 92927, NC189, NC192; Volvo 32876567
Unit Nos: Chrysler 53001762, 53002267;
Jeep-Eagle JR775016, JR775024, JR775026, JR775145, JR775146;
Paris Rhone / Valeo A13N6, 7, 10, 12, 13, 14, 15, 17, 18, 19, 20, 27, 29, 30, 31, 43, 49, 50, 53, 64, 65, 76, 85, 86, 87, 88, 89, 91, 97, 103, 104, 106, 107, 110, 113, 116, 117, 120, 121, 122, 124, 125, 126, 137, 139, 155, 156, 158, 161, 162, 164, 171, 172, 173, 180, 185, 187, 188, 199, 200, 201, 204, 206; A13R87, 188T, 218, 221, 231, 243, 247, 255, 256, 258, 260, 270; A14E25T, 45; A14N12, 13, 14, 25T, 37, 45, 50, 51, 56, 60, 63, 64, 65, 69, 74, 77, 85, 86, 89, 96, 97, 99, 106, 107, 113, 117, 130, 131, 132, 142, 150, 151, 156, 163, 171, 176, 178, 181, 183, 195; A14R25T, 43, 45
Lester Nos: 12049, 13224, 14039, 14322, 14326, 14329, 14331, 14420, 14567, 14582, 14893, 14894, 14895, 14899, 14900, 14921, 14922, 14959, 14961, 14963, 14978
WAI Ref. Nos: 1-1294-01PR, 1-1305-01PR, 1-1306-01PR, 1-1307-01PR, 1-1308-01PR, 1-1309-01PR, 1-1309-01SV, 1-1310-01PR, 1-1311-01PR, 1-1314-01PR, 1-1314-01SV, 1-1512-01PR, 1-1602-01PR
Note: Later style version of IP1652-1



IP123-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

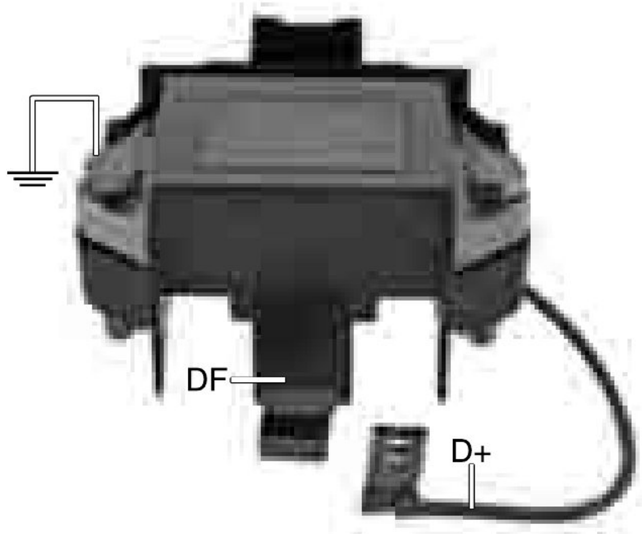
For: Paris Rhone / Valeo IR/EF Alternators
Used On: Maserati, Peugeot, Renault, Volvo
Replaces: Paris Rhone YL123, YL123B, YL134, YL143; Valeo 092867, 300669, 92867
Unit Nos: Paris Rhone / Valeo A12M9, A12M11, A12M16, A12M17;
Valeo 2098216, 2098482, 2102159, 2102160





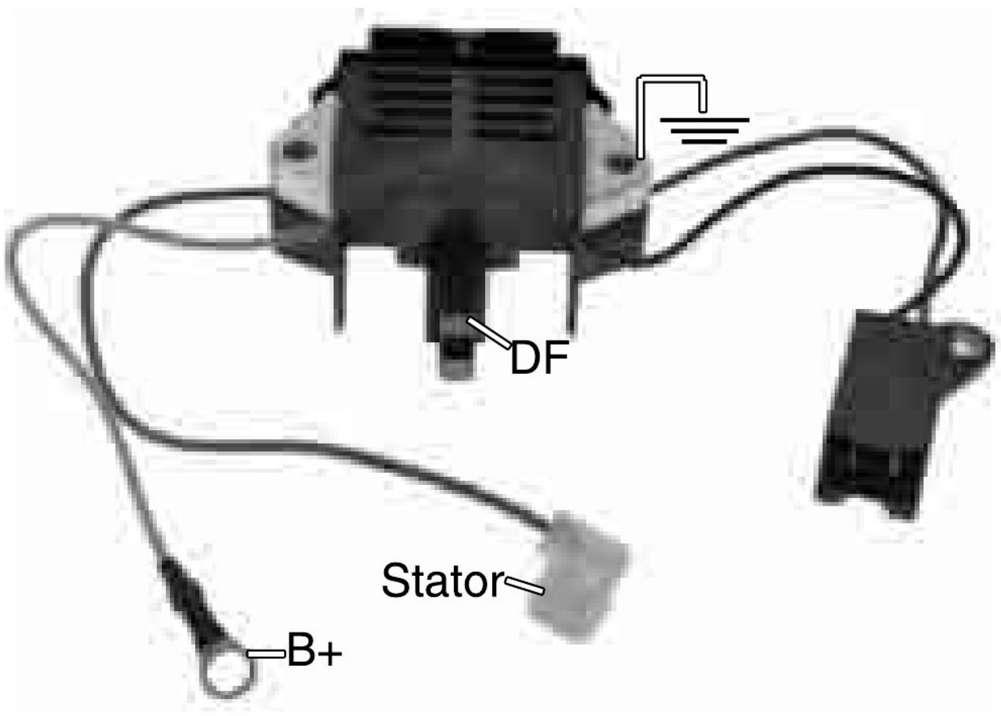
IP125-1
(Ref# 35-9401)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.6 Vset

For: Paris Rhone / Valeo IR/EF Alternators
Used On: (1990-80) Peugeot
Replaces: Paris Rhone 182120, 300820, 300830, 92897, 92902, 92940, 92981, YH1925, YH1933, YL124, YL125, YL132, YL133;
SEV 72590902
Unit Nos: Paris Rhone / Valeo A12R33, A12R52, A13N25, A13N32, A13N38, A13N39, A13N40, A13N41, A13N42, A13N46, A13N47, A13N95, A13N129, A13N183, A13N239, A13N262, A13N271, A13R267, A13R268, A14N16, A14N23, A14N78, A14N80, A14N82, A14N88, A14N91, A14N90, A14N93;
SEV 71635702, 71651502
Lester Nos: 14894, 14953, 14954, 14955
WAI Ref. Nos: 1-1331-01PR, 1-1334-01PR, 1-1336-01PR
Components:
38-9402 Brush



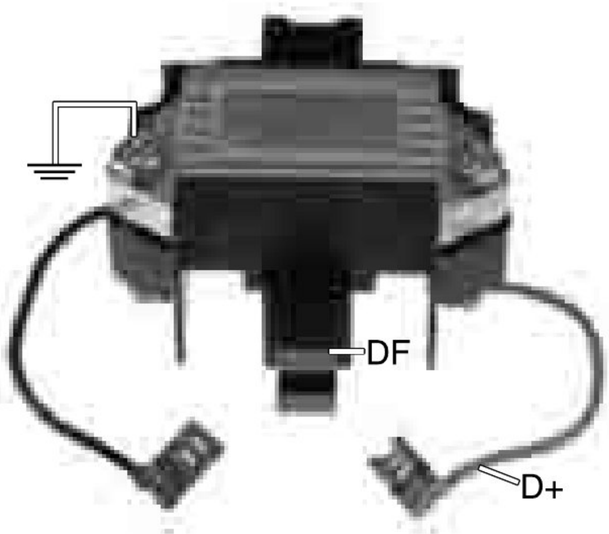
IP126
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.4 Vset

For: Paris Rhone / Valeo IR/EF Alternators
Used On: Marine, Industrial
Replaces: Paris Rhone ZL126;
Renault 5000-297-938, 5001-014-690;
Valeo 092962, 590640, 92901, 92962, A541184A, NC171, ZL128, ZV3928
Unit Nos: Paris Rhone / Valeo A13N4T, 5T, 11, 131, 131T, 168, 174, 190, 229, 229T, 22T, 246, 248, 249, 250, 251, 252, 253, 254; A14N39, 104, 108, 108T, 109T, 124, 133, 135, 138, 138M, 140, 146, 159, 160, 182, 184, 185, 186, 187, 188, 189, 190, 192M, 205; A14R33;
Valeo 2099755, 2100363, 2100442, 2100896, 2101375, 2102334, 2180475, 2181643, 2541144, 2541145, 2541161, 2541178, 2541208, 2541209, 2541329, 2541414, 2541561, 2541618, 2541621, 2541627, 2541629, 2541630, 2541631, 2541632, 2541633, 2541634, 2541635, 2541636, 2541637, 2541638, 2541639, 2541640, 2541692, 436377, 436394, 436395



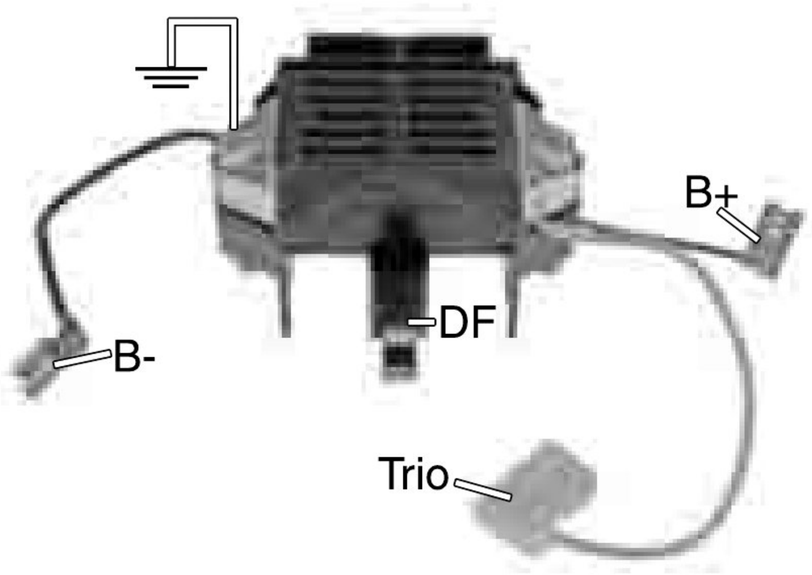
IP130
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.3 Vset

For: Paris Rhone / Valeo IR/EF Alternators
Used On: Citroen
Replaces: Paris Rhone 300675, YL130, YL131, YL136, YL140, YL141; SEV 72591502;
Valeo 092918, 092933, 300667, 300676, 92930, 92933
Unit Nos: Paris Rhone / Valeo A12R38, A12R46, A14N1, A14N2, A14N55, A14R37, A14R42, A14R46, A14RN1, A14RN2;
Valeo 2092943, 2100015, 2100061, 2100108, 2100634, 2102157, 2102314, 433363



IP132
(Ref# 35-9427)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.4 Vset

For: Valeo IR/EF Alternators
Used On: KHD Industrial Engines
Replaces: Paris Rhone YV3932, ZL132, ZL134, ZV3932;
Valeo 182008, 2590537
Unit Nos: Valeo A13N51, A13N140T, A13N257, A13N272



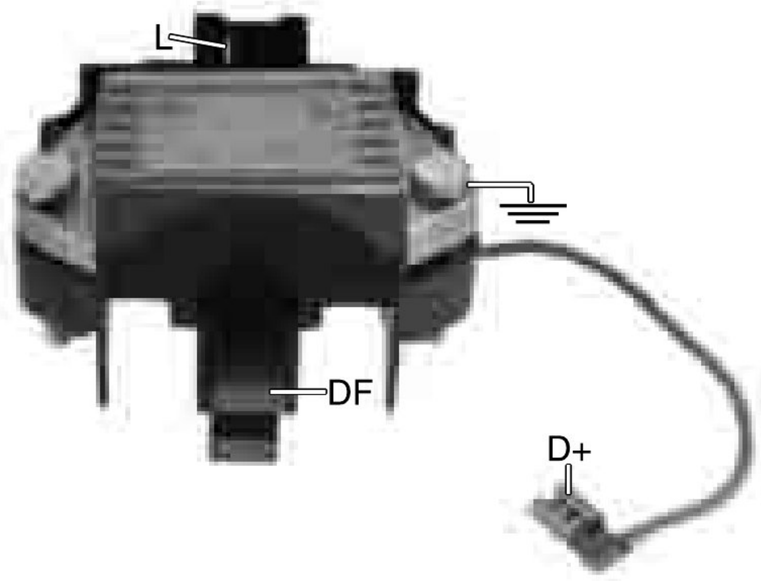
IP736
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset

For: Paris Rhone / Valeo IR/EF Alternators
Used On: Volvo Penta Marine
Replaces: Paris Rhone YV7736, Valeo 593135
Unit Nos: Paris Rhone / Valeo A13N234, A13N259, A13N285
Terminal ID: Trio, B+, B-

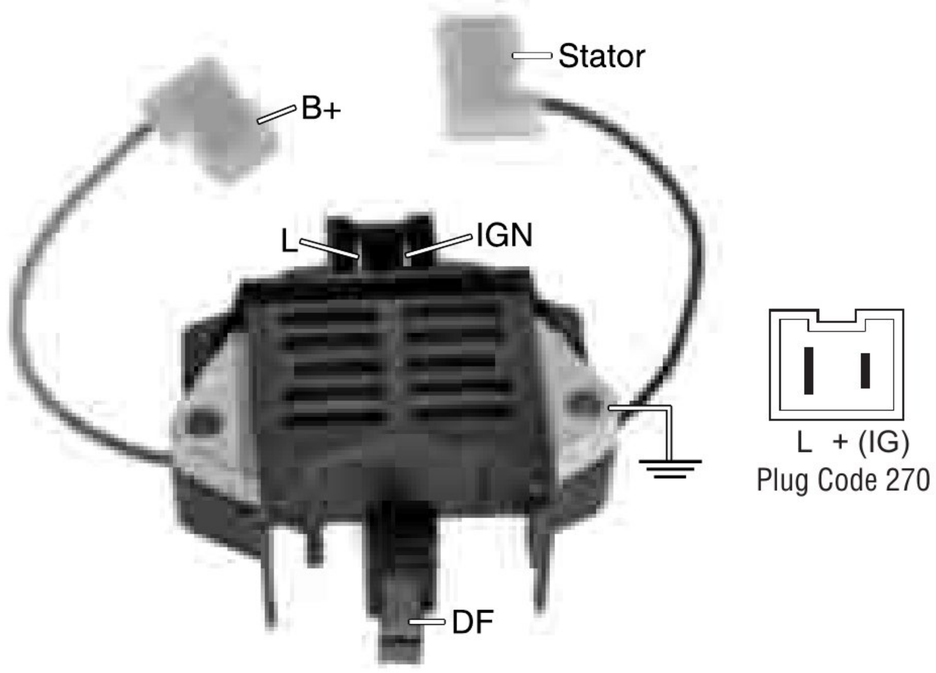
ALTERNATOR - REGULATORS (TRANSPO)

VALEO

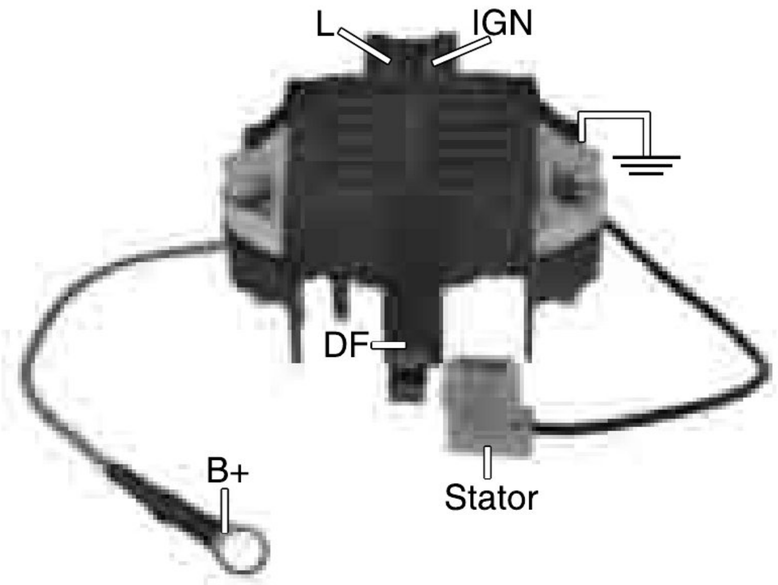
Valeo - Paris Rhone (cont'd.)



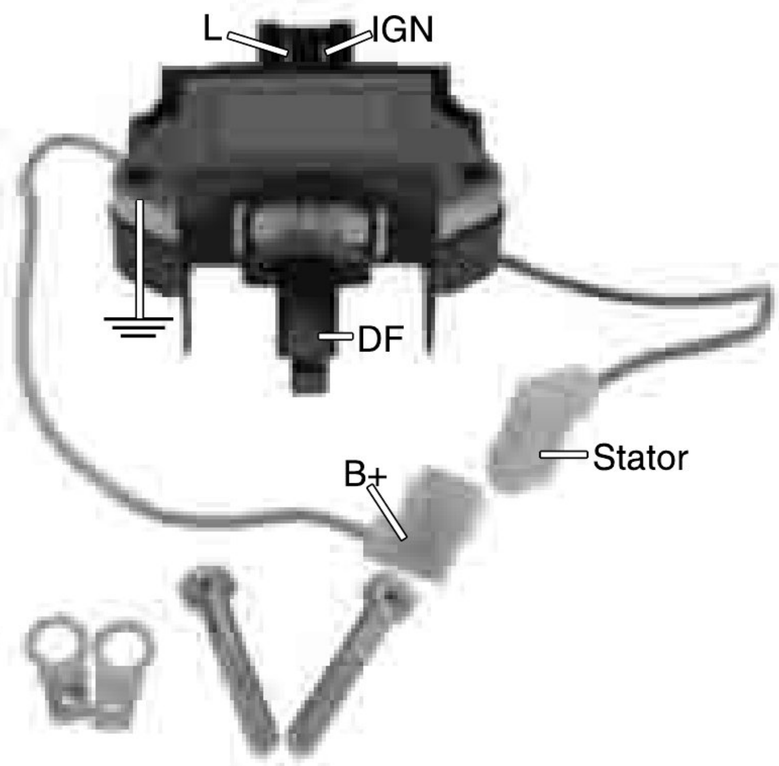
IP955
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.4 Vset
For: Paris Rhone / Valeo IR/EF Alternators
Used On: Industrial Applications
Replaces: Paris Rhone ZL127; Peugeot 576151; Valeo 092955, NC692
Unit Nos: Paris Rhone / Valeo A12R35T, A14R34T, A14R54T, A14R341T, A14R541T, A14R542T, A14R543T; Valeo 2099801, 2099821, 2100225, 2103163, 2103164, 2103484



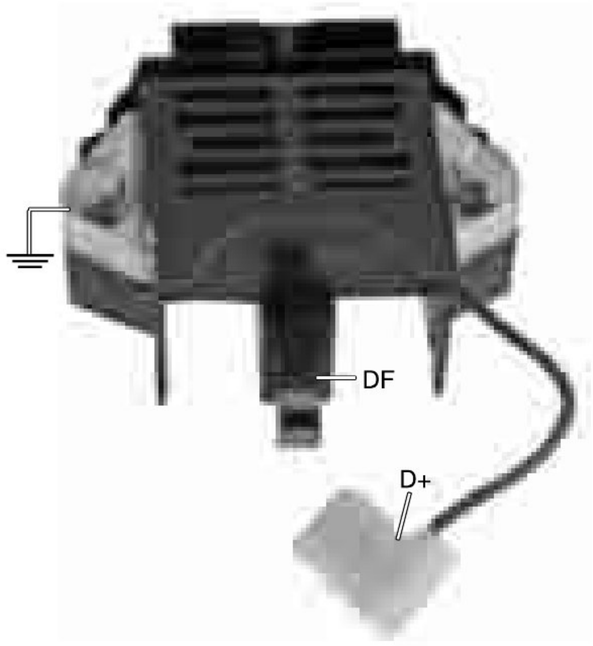
IP1639-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset
For: Paris Rhone / Valeo IR/EF Alternators
Used On: Peugeot, Renault, Saab, Winnebago
Replaces: Paris Rhone 182005, 300883, YH1639, YH2602, YH2605, YH2606, YL126, YL138, YL139, YL151, YV1654; Peugeot 576157; Renault 5001-926-111, 7701-030-814; Valeo 092937, 092982, 092990, 182011, 300725, 590660, 92937, 92982, 92990, A518052A, NC175, NC176, NC191, YV2605
Unit Nos: Paris Rhone / Valeo A13N9, 16, 54, 63, 69, 76, 81, 90, 92, 96, 98, 105, 112, 114, 115, 119, 127, 128, 136, 145, 150, 155M, 157, 159, 160, 163, 170, 191, 192, 193, 194, 195, 196, 197, 202, 203, 205, 208, 209, 210, 211, 212, 213, 225, 226, 230, 230T, 235; A13R269; A14N4, 9, 10, 19, 22, 35, 36, 40, 42, 53, 54, 59, 62, 68, 70, 73, 75, 76, 79, 83, 84, 94, 94, 95, 101, 102, 103, 111M, 121, 125, 127M, 134, 143, 144, 147, 148, 149, 152, 153, 154, 155, 157, 158, 161, 162, 164, 165, 166, 167, 168, 169, 170, 179, 199, 199M
Lester Nos: 14894, 14959, 14986
WAI Ref. Nos: 1-1310-01PR, 1-1331-01PR



IP1652-1
(Ref# 35-9405-1)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset
For: Paris Rhone / Valeo, SEV / Valeo IR/EF Alternators
Used On: (1989-79) Eagle, Jeep, Renault, Volvo
Replaces: Paris Rhone 182005, 182023, 182046, 2541137, 2590522, 2590558, 300806, 300868, 300901, 92860, YH1649, YH1652, YH1654, YH1655, YH2605, YH2654, YL122, YL152, YV1652;
SEV 72590602, 72590702
Unit Nos: Paris Rhone / Valeo A13N6, 7, 10, 12, 13, 14, 15, 17, 18, 19, 20, 27, 31, 43, 49, 53, 65, 88, 103, 104, 106, 107, 110, 113, 116, 117, 121; A13R231, 243, 247, 255, 258; A14N12, 14, 37, 50, 51, 56, 63, 65, 69, 76, 77, 86, 89, 95, 97, 99, 107, 113, 117, 181, 195; A14R45;
SEV / Valeo 71651902, 71652402, 71652602
Lester Nos: 13224; 14039, 322, 326, 329, 331, 420, 567, 582, 895, 899, 900, 922, 959, 961, 963, 978
Note: Later style version of IP122-1.
Components:
38-9402 Brush

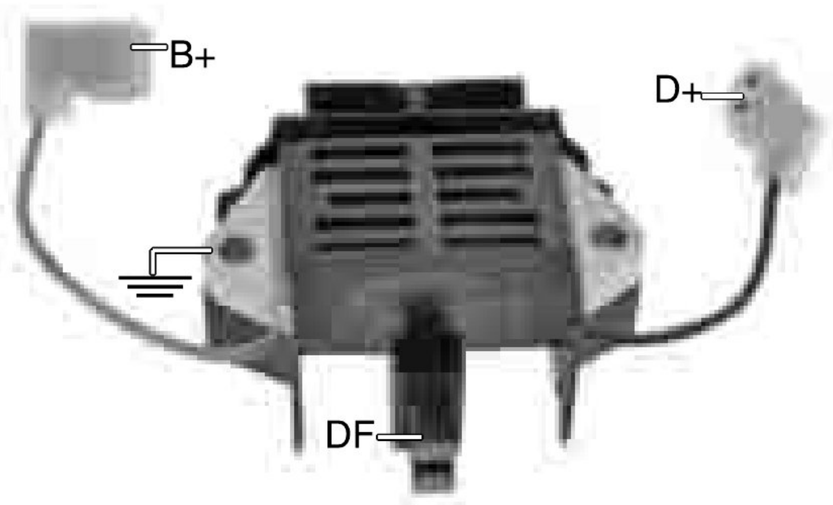


IP1655
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset
For: Paris Rhone / Valeo IR/EF Alternators
Used On: Renault
Replaces: Ducellier 592987, Paris Rhone YL1655, Valeo 092860
Unit Nos: Paris Rhone / Valeo A12R36, A12R43, A12R45, A12R57, A13M14, A13R147, A13R222, A13R228, A13R230, A13R242;
SEV 71651802, 71770202;
Valeo 2097455, 2097772, 2098215, 2098229, 2099419, 2099421, 2099422, 2099761, 2099767, 2100309, 2100349, 2100597, 2100678, 2100954, 2101935, 2101988, 2102158, 2102231, 2105113, 2105555, 432857



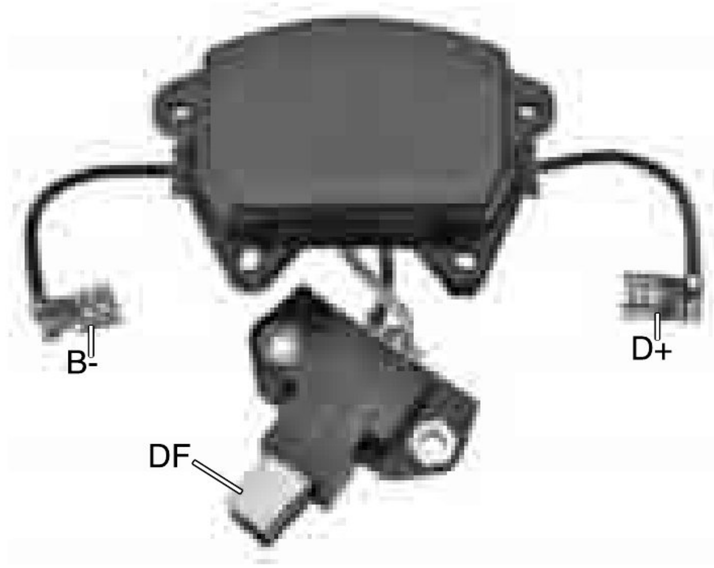
IP1903
(Ref# 35-9420)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.6 Vset

For: Paris Rhone / Valeo IR/EF Alternators
Used On: Deutz, Hyundai Pony
Replaces: Paris Rhone 182007, 182013, 300685, YH1903, YH1928, YL128, YL145
Unit Nos: Paris Rhone / Valeo A13N21T, A13N26, A13N34, A13N52, A13N71, A13N72, A13N73, A13N74, A13N75, A13N78, A13N80, A13N93, A13N165, A13N198, A13N255, A13N258
Lester Nos: 13208, 14942



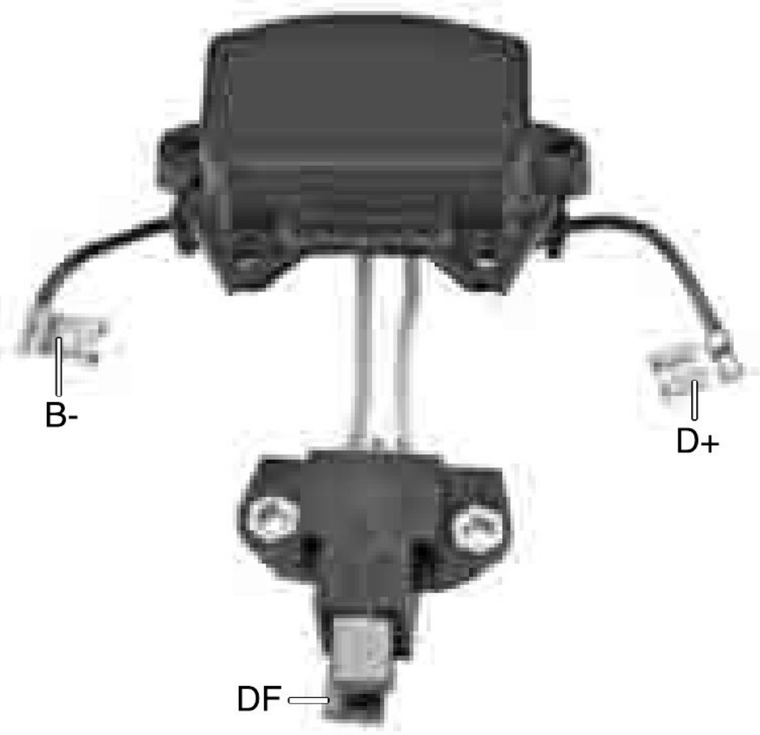
IP2700-1
(Ref# 35-9404)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.6 Vset

For: Paris Rhone / Valeo IR/EF Alternators
Used On: (1989-77) Porsche
Replaces: Paris Rhone 92991, 300871, YH2700, YL137; Porsche 911-603-913-01, 928-603-207-00
Unit Nos: Paris Rhone / Valeo A14N11, A14N38, A14N67, A14N71;
Porsche 928-603-114-00, 928-603-114-01, 911-603-120-04, 911-603-120-05
Lester Nos: 14594, 14602, 14892, 14957
WAI Ref. Nos: 1-1361-01PR, 1-1362-01PR, 1-1579-01PR
Components:
38-9402 Brush



IP129B
(Ref# 35-9415)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 27.5 Vset

For: Paris Rhone / Valeo IR/EF Alternators
Used On: Volvo Penta Marine
Replaces: Paris Rhone 300744, ZL129
Unit Nos: Paris Rhone / Valeo A13N36M, A14N47M, A14N81M
Features:
- Adjustable voltage

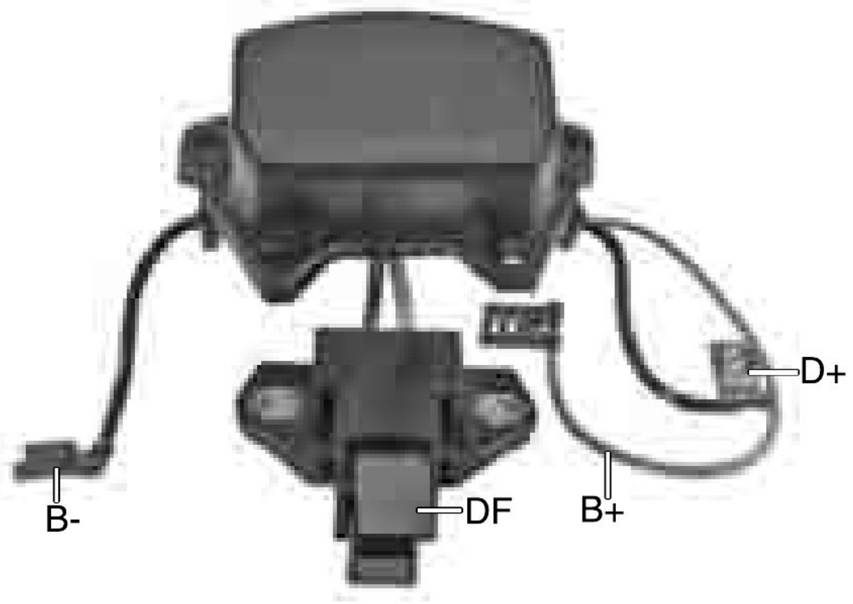


IP135B
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.3 Vset

For: Paris Rhone / Valeo IR/EF Alternators
Used On: Volvo Penta Marine
Replaces: Paris Rhone 300692, 300741, 92966, YL135, YL146, YL147; Valeo NC362, NC927
Unit Nos: Paris Rhone / Valeo A13N1M, A13N2M, A13N35M, A13N55M, A13N57M, A13N58M, A13N186M, A14N29M, A14N48M, A14N66M;
Volvo-Penta 841762, 841765, 841765
Lester Nos: 13060, 13068
WAI Ref. Nos: 1-1938-01PR, 1-1945-01PR
Note: 2-wire regulator.
For 3-wire version use IP735B.

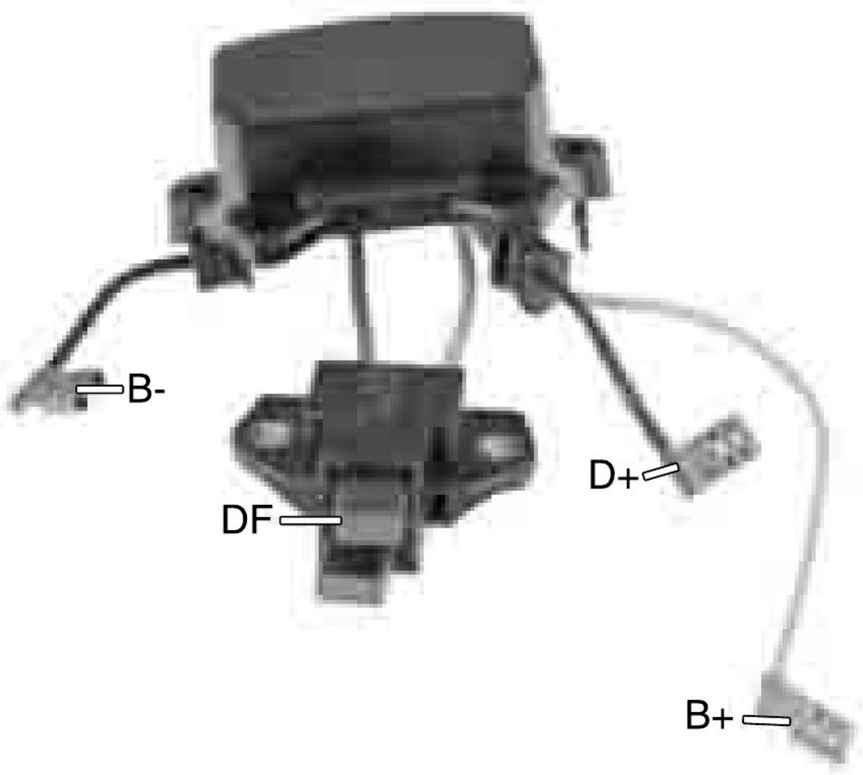
VALEO

Valeo - Paris Rhone (cont'd.)



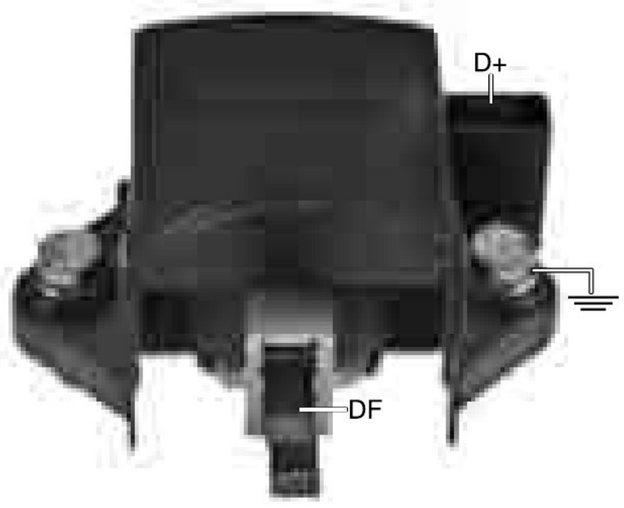
IP729B
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 27.5 Vset

For: Paris Rhone / Valeo IR/EF Alternators
Used On: Industrial Applications
Replaces: Paris Rhone ZV3729, ZY3729;
Valeo 590536, Volvo 872368
Unit Nos: Paris Rhone / Valeo A13N33M; A14N100M, 119M, 122M, 137, 137M, 141M, 200, 200M;
Valeo 2102052, 2180619, 2180620, 2541168, 2541199
Features:
• Adjustable voltage



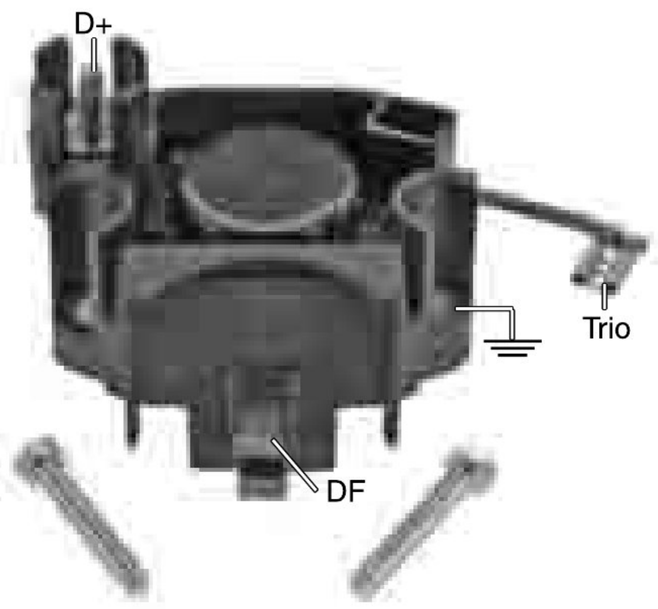
IP735B
(Ref# 35-9400-1)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.3 Vset

For: Paris Rhone / Valeo IR/EF Alternators
Used On: Volvo Penta Marine
Replaces: Paris Rhone 2590512, YV7735;
Valeo 872367, 2518337
Unit Nos: Paris Rhone / Valeo A13N28M, A13N66M, A13N147M, A13N148M, A13N149M;
Volvo-Penta 858838, 858839
Lester Nos: 13068
WAI Ref. Nos: 1-1938-01PR, 1-1945-01PR
Note: 3-wire regulator will replace 2-wire regulator IP135B. Yellow S-terminal wire must be connected to B+ battery positive for sensing.



IP127
(Ref# 35-9402)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.7 Vset

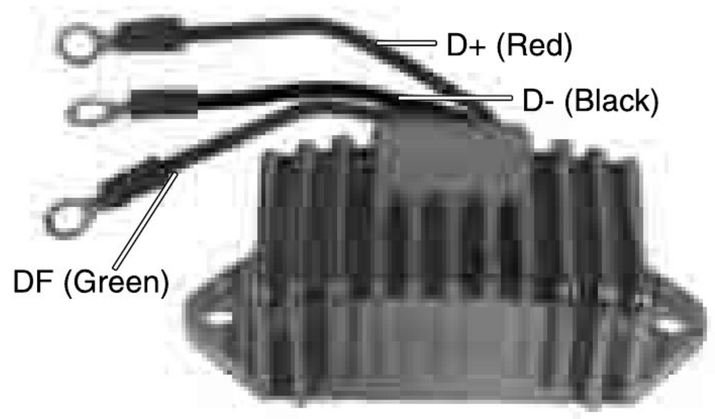
For: Paris Rhone / Valeo IR/EF Alternators
Used On: (1990-80) Peugeot
Replaces: Paris Rhone 92856, 92913, 97729, YL120, YL121, YL127
Unit Nos: Paris Rhone / Valeo A12R30, A12R31, A12R32, A13R192, A14R35, A14R41;
Peugeot 570283, 570291;
Valeo 104378, 432745, 432772
Lester Nos: 14584, 14953, 14954, 14955
WAI Ref. Nos: 1-1330-01PR, 1-1334-01PR, 1-1336-01PR



IP1926
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Paris Rhone / Valeo IR/EF Alternators
Used On: Citroen
Replaces: Citroen 9405761798,
Paris Rhone YV1926, Peugeot 576179;
Valeo 2541192, 2541193, 590688, 9RC2047, YV1926T
Unit Nos: Paris Rhone / Valeo A13N184, A13N217, A14N139, A14N172;
Valeo 2541188, 2541189, 2541365

Valeo - SEV

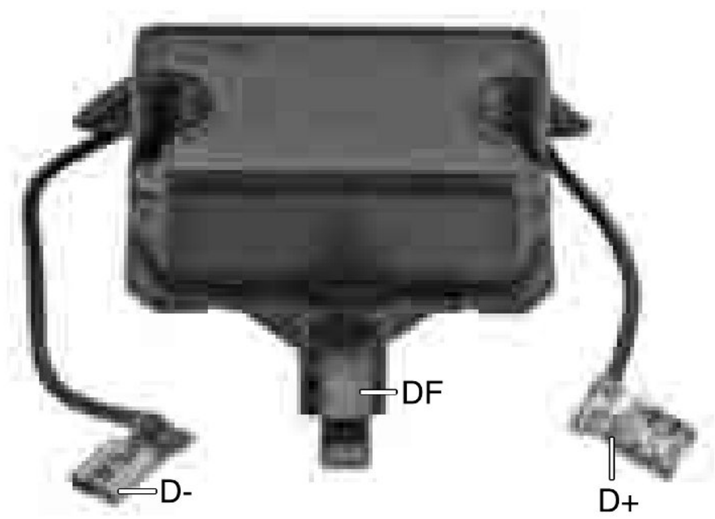


IS219
(Ref# 35-9410)
Regulator
12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.

For: SEV / Valeo IR/EF Alternators
Used On: Renault, Volvo Penta
Replaces: SEV 72115002, 72360002, 72360102, 72360302, 72365902, 72367002, 72367102, 72367202, 72367802, 72370002, 72563702, 72565902
Unit Nos: SEV / Valeo 70229002, 70229102, 70229402, 70229502, 70229802, 70230002, 70230102, 70230202, 70230402
Terminal ID: Red D+, Black D-, Green DF.
Note: For version w/ adjustable voltage use IS219A

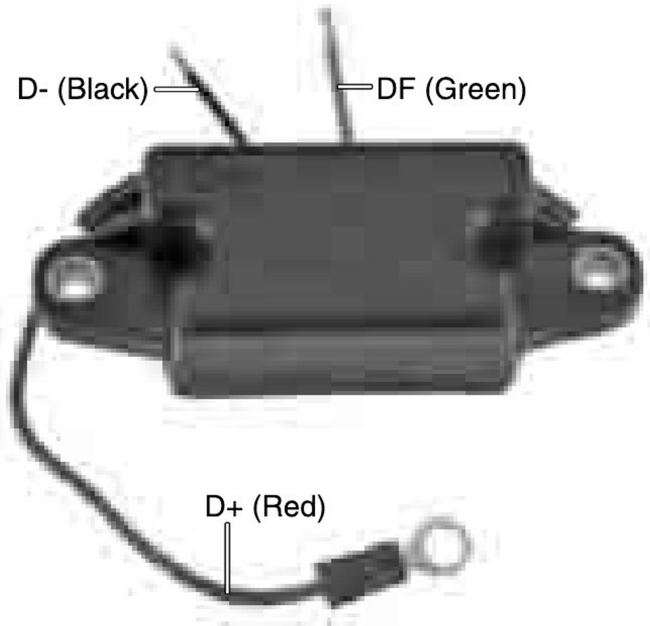
IS219A
Regulator
12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.

Same as IS219 except...
Features:
- Adjustable voltage



IS222
(Ref# 35-9409)
Regulator / Brush Holder Assy.
12 Volt, B-Circuit, 14.3 Vset

For: SEV / Valeo IR/EF Alternators
Used On: (1986-78) Peugeot, Saab
Replaces: SEV 72563002, 72563302, 72590002, 72590302
Unit Nos: Saab 85-57-076;
SEV / Valeo 71636202, 71636302, 71636402, 71636802, 71636902, 71652002, 71652102, 71652302, 71653102, 71653202, 71655202;
Valeo 432745
Lester Nos: 14320, 14609
WAI Ref. Nos: 1-1281-01SV, 1-1334-01SV
Terminal ID: Red D+, Black D-

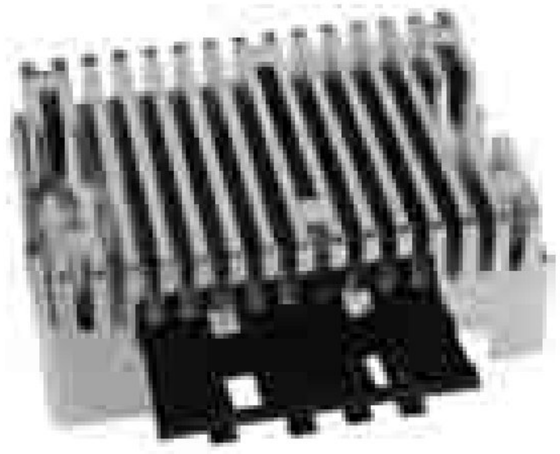


IS223
(Ref# 35-9408)
Regulator / Brush Holder Assy.
12 Volt, B-Circuit, 14.4 Vset

For: SEV / Valeo IR/EF Alternators
Used On: (1984-78) Porsche
Replaces: SEV 72390002, 72390102, 72390202, 72563102, 72573602, 72590101, 72590102, 72592202, 72593702
Unit Nos: Porsche 928-603-113-03;
SEV / Valeo 70229602, 70230302, 70230502, 71236002, 71271502, 71314202, 71470402, 71473602, 71473802
Lester Nos: 14572
WAI Ref. Nos: 1-1369-01SV
Terminal ID: Red D+, Black D-, Green DF

ALTERNATOR - REGULATORS (TRANSPO)

SPECIALTY



V1210
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Ford 1G Series ER/EF Alternators
Used On: Ford Applications subject to severe duty, extreme temperatures, voltage spikes or dirty environment
Replaces: Ford D9PZ-10316-A, E2PZ-10316-A, F0AZ-10316-A, F0PZ-10316-A, E4AZ-10316-B, GR-540-A, GR-540-B, GR-803
Terminal ID: I Light, A B+, S Stator, F Field, Case B-.
Note: Severe duty version of F540 series regulators.
Features:
- Voyager Series Regulator
- Adjustable Voltage (13.0-16.0V)
- Field rating 10 amps
- Chrome Case



V1700
Regulator
12 Volt, B-Circuit, 14.2 Vset

Used On: EMV, Industrial, Limo, Marine, Police Car, RV, Taxi Applications
Features:
- Voyager Series Regulator
- Adjustable voltage
- Precise digital regulation
- Short circuit protected
- High current capability
- Over voltage protection
- Ignition or light circuit activated with high side regulation (B-circuit)
- Protected against loss of ground and under voltage



V1200
Regulator
12 Volt, B-Circuit, 14.2 Vset

Used On: EMV, Industrial, Limo, Marine, Police Car, RV, Taxi Applications
Note:
For version w/ Ford OE style narrow blade terminals use V1200F.
For version w/ under voltage warning light us V1300.
For 24 volt version use V2400.
Features:
- Voyager Series Regulator
- Adjustable voltage (13.0-16.0V)
- Precise digital regulation
- Short circuit protected
- High current capability
- Over voltage protection
- Ignition or light circuit activated with high side regulation (B-circuit)
- Protected against loss of ground and under voltage
- LED's for easy troubleshooting
- Fault detection indicators



V1200F
Regulator
12 Volt, B-Circuit, 14.2 Vset

Used On: EMV, Industrial, Limo, Marine, Police Car, RV, Taxi Applications
Note: Same as V1200 but Ford OE style narrow blade terminals. Accommodates Ford OE Wire Harness Connector.
Features:
- Voyager Series Regulator
- Adjustable voltage (13.0-16.0V)
- Precise digital regulation
- Short circuit protected
- High current capability
- Over voltage protection
- Ignition or light circuit activated with high side regulation (B-circuit)
- Protected against loss of ground and under voltage
- LED's for easy troubleshooting
- Fault detection indicators



V1300
Regulator
12 Volt, B-Circuit, 14.2 Vset

Used On: EMV, Industrial, Limo, Marine, Police Car, RV, Taxi Applications
Note: Same as V1200 but with under voltage warning light.
Features:
- Voyager Series Regulator
- Adjustable voltage
- Precise digital regulation
- Short circuit protected
- High current capability
- Over voltage protection
- Ignition or light circuit activated with high side regulation (B-circuit)
- Protected against loss of ground and under voltage
- LED's for easy troubleshooting
- Fault detection indicators



V2400
Regulator
24 Volt, B-Circuit, 27.5 Vset

Used On: EMV, Industrial, Limo, Marine, Police Car, RV, Taxi Applications
Note: 24 volt version of V1200.
Features:
- Voyager Series Regulator
- Adjustable voltage
- Precise digital regulation
- Short circuit protected
- High current capability
- Over voltage protection
- Ignition or light circuit activated with high side regulation (B-circuit)
- Protected against loss of ground and under voltage
- LED's for easy troubleshooting
- Fault detection indicators



911-02R
Regulator
12 Volt, B-Circuit, 15.0 Vset

Used On: EMV, Industrial, Limo, Marine, Police Car, RV, Taxi Applications
Terminal ID: IGN-NEG-FLD
Features:
- Specialty Regulator
- Self current limiting to protect against intermittent short circuit
- Load dump protection against abrupt full load to no load
- Extra filter networks to protect against voltage spikes
- Adjustable voltage with potentiometer positioned to protect against tampering
- Reverse polarity protection
- Epoxy encapsulated to protect against moisture and vibration
- Positive or negative ground system compatibility
- All connections to external terminal
- All silicon transistor design complies with federal specifications
- Certified burn-in cycle qualified
- Adjustable voltage (14-20V)
- Compatible with 8A rotors
- Remote mount potentiometer

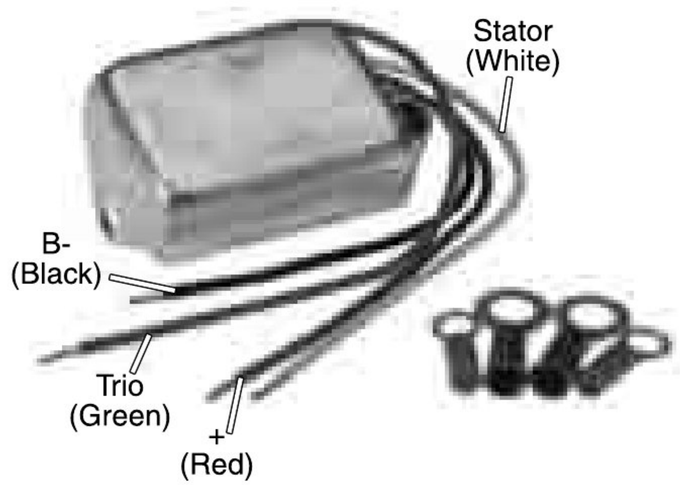
ALTERNATOR - REGULATORS (TRANSPO)

SPECIALTY (cont'd.)



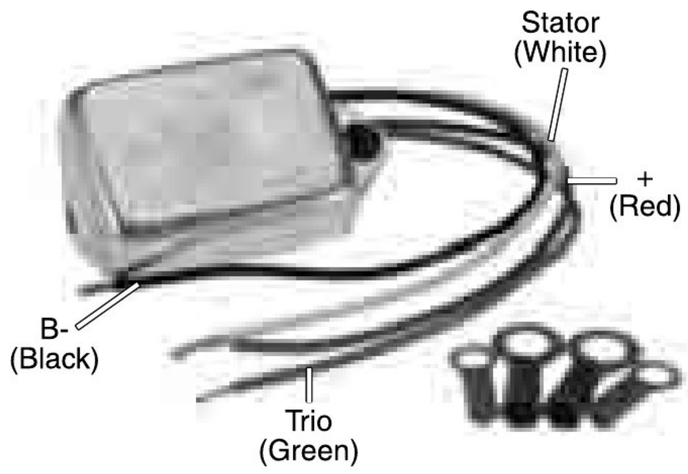
911-04
Regulator
12 Volt, B-Circuit, 15.0 Vset

Used On: EMV, Industrial, Limo, Marine, Police Car, RV, Taxi Applications
Terminal ID: IGN-NEG-FLD
Features:
- Specialty Regulator
- Self current limiting to protect against intermittent short circuit
- Load dump protection against abrupt full load to no load
- Extra filter networks to protect against voltage spikes
- Adjustable voltage (13.0V-15.5V) with potentiometer positioned to protect against tempering
- Reverse polarity protection
- Epoxy encapsulated to protect against moisture and vibration
- Positive or negative ground system compatibility
- All connections to external terminal
- All silicon transistor design complies with federal specifications
- Certified burn-in cycle qualified
- Adjustable voltage (13.0-15.5V)
- Compatible with 8A rotors
- Stator activated



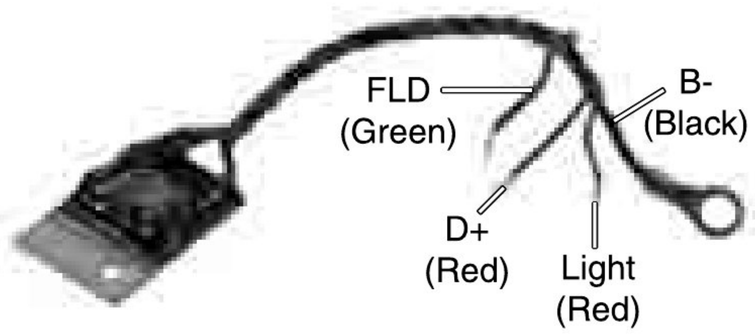
D7022QS12
Regulator Exciter
Universal 12V Quick Start Exciter

For: 12 Charging Systems, mounts externally to alternator thru-bolt.
Lead-Wire Attachment:
Red B+, White Stator, Green Trio (or I, L), Black B-
Note: To convert 3-wire alternator to 1-wire, connect trio wire to regulator I or L-terminal.
Features:
- Greatly improves turn-on characteristics of 1-wire, self-exciting alternators



D7022QS24
Regulator Exciter
Universal 24V Quick Start Exciter

For: 24 Charging Systems, mounts externally to alternator thru-bolt.
Lead-Wire Attachment:
Red B+, White Stator, Green Trio (or I, L), Black B-
Note: To convert 3-wire alternator to 1-wire, connect trio wire to regulator I or L-terminal.
Features:
- Greatly improves turn-on characteristics of 1-wire, self-exciting alternators

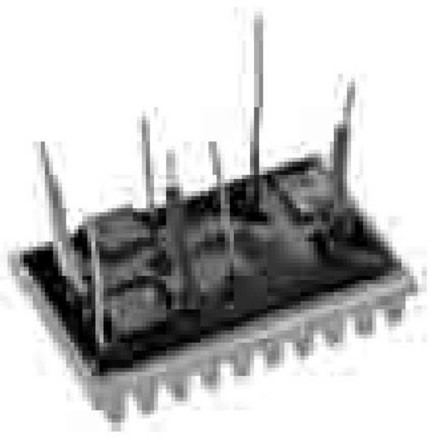


TRI100
(Ref# 35-8105)
Conversion Regulator
12 Volt, A-Circuit, 14.4 Vset

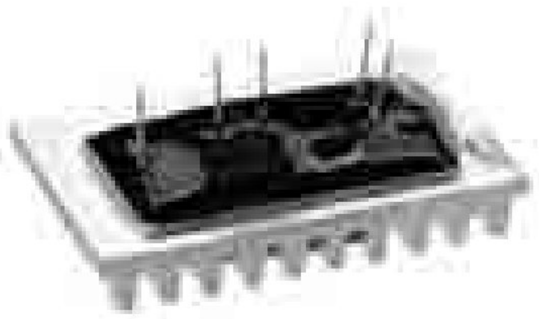
For: Converting Externally Regulated (ER) Hitachi Alternators to Internal Regulation (IR)
Lester Nos:
14105 to 14231
14118 to 14255
Terminal ID: Red D+, Light, Black B-, Green Field

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)

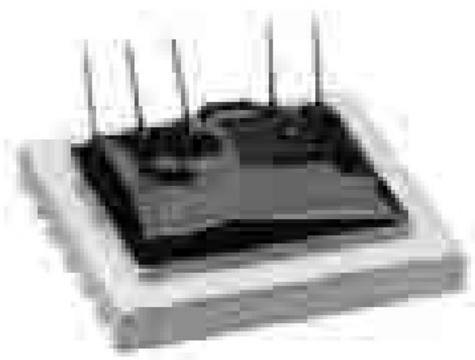
HITACHI



TRI247
(Ref# 35-8115-5)
Repair Circuit
12 Volt, A-Circuit,
S-IG-L Terminals, 14.5 Vset
For: Hitachi IR/IF Alternators
Used On: (1994-90) Subaru
Unit Nos: Hitachi LR170-732B, C
Lester Nos: 13275
Note: For repairing IH247 regulator



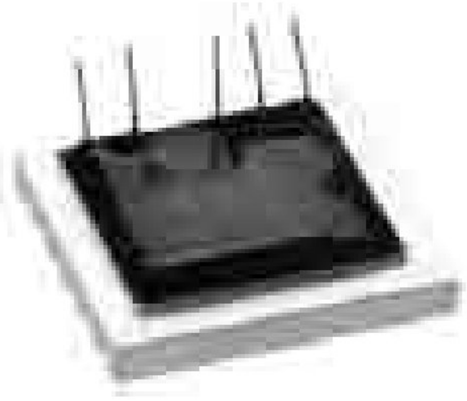
TRI248
(Ref# 35-8116-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.4 Vset
For: Hitachi IR/IF Alternators
Used On: (1994-90) Infiniti, Nissan
Unit Nos: Hitachi LR160-723, B; LR170-734B, LR170-739, LR180-725, LR180-729
Lester Nos: 13273, 13285, 13287, 13329, 13533
Note: For repairing IH248 regulator.



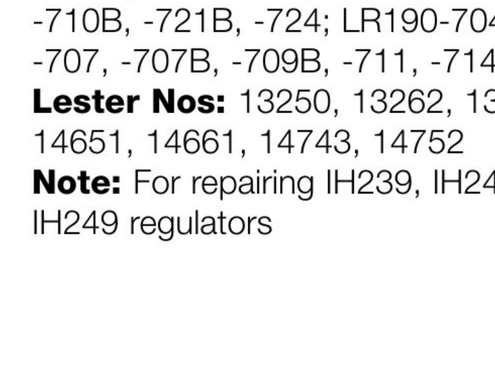
TRI410
(Ref# 35-8102-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.6 Vset
For: Hitachi IR/IF Alternators
Used On: (1989-84) Nissan
Unit Nos: Hitachi LR170-701B, E; LR170-702B
Lester Nos: 14655, 14717
Note: For repairing IH237, IH240 regulators.



TRI420
(Ref# 35-8103-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.6 Vset
For: Hitachi IR/IF Alternators
Used On: (1987-85) Nissan, Subaru
Unit Nos: Hitachi LR165-704, LR170-713, LR170-721, LR180-704, LR190-709
Lester Nos: 14651, 14661, 14743, 14752
Note: For repairing IH243, IH250 regulators and OE version of IH238 regulator.



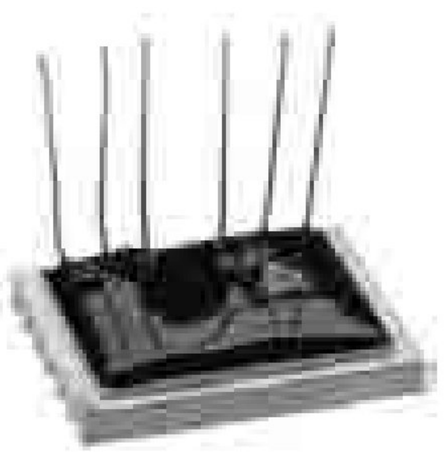
TRI421
(Ref# 35-8107-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.6 Vset
For: Hitachi IR/IF Alternators
Used On: (1993-85) Infiniti, Nissan, Subaru
Unit Nos: Hitachi LR165-704B, -705, -707, -707B; LR170-707B, -710B, -721B; LR175-707, -707D; LR180-708, -710B, -721B, -724; LR190-704B, -706, -707, -707B, -709B, -711, -714
Lester Nos: 13250, 13262, 13324, 14651, 14661, 14743, 14752
Note: For repairing IH239, IH245, IH246, IH249 regulators



TRI422
(Ref# 35-8104-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.3 Vset
For: Hitachi IR/IF Alternators
Used On: (1990-86) Nissan
Unit Nos: Hitachi LR160-715, LR170-714; LR170-715, -715B; LR170-716, -716B; LR170-717, LR180-715; LR180-718, -718B; LR180-719
Lester Nos: 13273, 13327, 14241, 14242, 14719, 14979
Note: For repairing IH242 regulator.



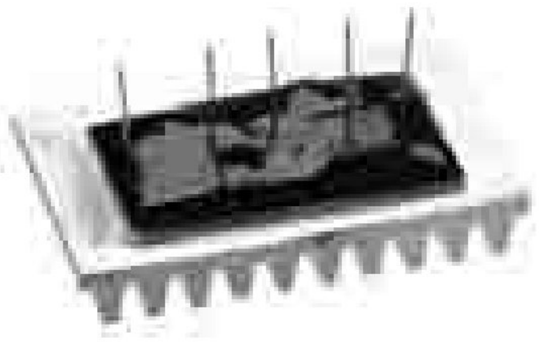
TRI423
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.6 Vset
For: Hitachi IR/IF Alternators
Note: For repairing IH238 regulator (Transpo version only).



TRI430
(Ref# 35-8110-5)
Repair Circuit
12 Volt, A-Circuit,
S-IG-L Terminals, 14.6 Vset
For: Hitachi IR/IF Alternators
Used On: (1996-86) Honda, Isuzu
Unit Nos: Hitachi LR150-703; LR150-704, H, LR160-718, H
Lester Nos: 14859, 14860, 14960
Note: For repairing IH241, IH244 regulators

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)

HITACHI (cont'd.)



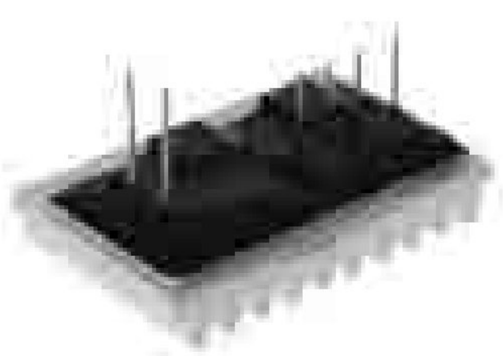
TRI431
(Ref# 35-8125-5)
Repair Circuit
12 Volt, A-Circuit,
S-IG-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators
Used On: (1996-93) Honda, Isuzu
Unit Nos: Hitachi LR150-711, LR160-725, LR160-726
Lester Nos: 13564, 14859, 14960
Note: For repairing IH251 regulator.



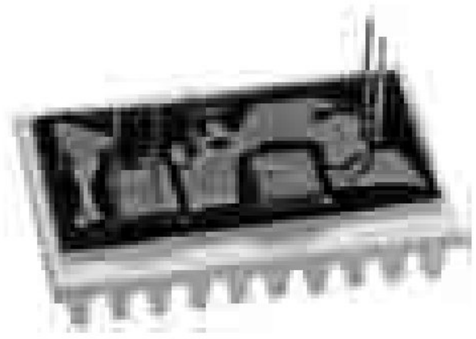
TRI760
(Ref# 35-8119-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators
Used On: (1991) Nissan
Unit Nos: Hitachi LR170-738, B; Nissan 23100-50Y06, -50Y09
Lester Nos: 13334
Note: For repairing IH760 regulator.



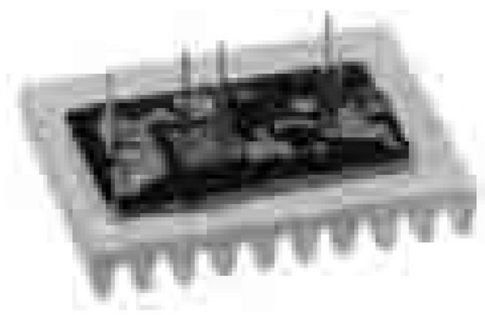
TRI761
(Ref# 35-8122-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators
Used On: (1994-87) Nissan
Unit Nos: Hitachi LR170-738C, LR170-744, LR180-731B, LR180-735, LR190-715B, LR195-701
Lester Nos: 13333, 13334, 13477
Note: For repairing IH761, IH763, IH765 regulators.



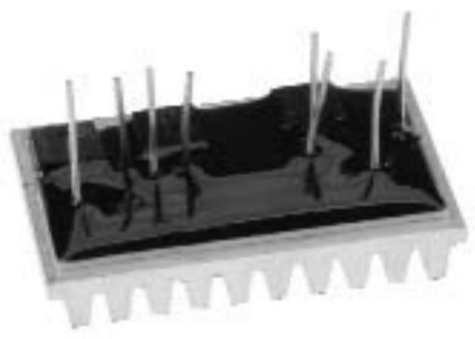
TRI767
(Ref# 35-8126-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators
Used On: (1999-95) Nissan
Unit Nos: Hitachi LR160-724, -727; LR165-711, -711B; LR170-739B, -743, -745, -745B, -746, -746E, -746F, -746G, -746J, -748, -748B, -750C, -750E, -752, -752B; LR180-725B, -725C, -725E, -734B, -734C, -736B, -741, -741B, -741H, -744; LR190-717, -725B, -725E, -732
Lester Nos: 13329, 13474, 13531, 13533, 13534, 13535, 13636, 13637, 13640, 13643, 13644
Note: For repairing IH762, IH767 regulator.



TRI770
(Ref# 35-8118-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.3 Vset

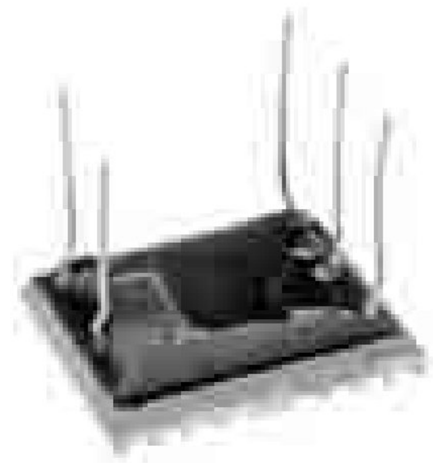
For: Hitachi IR/IF Alternators
Used On: (1993-90) Infiniti
Unit Nos: Hitachi LR1100-702, LR1110-701, LR1110-702
Lester Nos: 13261
Note: For repairing IH770 regulator.



TRI772
Repair Circuit
12 Volt, A-Circuit, S-L-C-IG
Terminals, 14.6 Vset

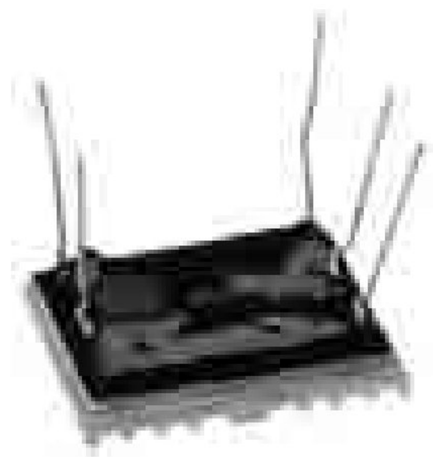
For: Hitachi IR/IF Alternators
Used On: (1998-97) Isuzu, Honda
Unit Nos: Hitachi LR160-630C, LR160-729C, LR160-731, LR170-755
Lester Nos: 13744, 13757, 13775
Note: For repairing IH772 regulator.

MANDO



TRI058
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.5 Vset

For: Mando 90A IR/IF Alternators
Used On: (2001-97) Hyundai Accent, Elantra, Tiburon 1.5L, 1.8L, 2.0L
Unit Nos: Hyundai 37300-22200, Mando AB190058
Lester Nos: 13702
Note: For repairing IY058 regulator



TRI503
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.5 Vset

For: Mando IR/IF Alternators
Used On: (1995) Hyundai
Unit Nos: Mando AB111057; Hyundai 37300-35570, 37300-35571
Lester Nos: 13351



TRI400R
(Ref# 35-8301-5)
Repair Circuit
12 Volt, A-Circuit,
R-L Terminals, 14.5 Vset

For: Mando, Mitsubishi IR/IF Alternators
Used On: (1989-84) Dodge, Ford, Hyundai, Mazda, Mitsubishi, Plymouth, Subaru
Unit Nos: Mando AB155001, AR160A; (cont'd.)

(cont'd.)
Mitsubishi A1T01991, A1T02592, A1T02595, A1T02952, A1T33474, A1T33872, A1T33874, A1T34472, A1T34572, A1T34672, A1T40391, A1T40491, A1T40671, A1T40791, A1T40891, A2T00991, A2T03072, A2T03591, A2T03691, A2T03792, A2T03892, A2T04191, A2T04474, A2T07577, A2T13571, A2T13571A, A2T17872, A2T41674, A2T41677, A2T41791, A2T41991, A2T42671, A2T42677, A2T42777, A2T42899, A2T43791, A2T43891, A2T43892, A2T44991, A2T45091, A2T47371, A2T47371A, A2T47474, A2T47974, A2T49891, A5T10377, A5T10477, A5T16471, A5T23171, A5T30574, A5T30599, A5T30871, A5T30977, A5T31177, A5T31277, A5T31971, A5T31971A, A5T32571, A5T40374, A5T40377, A5T41474, A5T41477, A7T20199, A7T30271, A7T30492, A7T30571, A7T30674, A7T30692
Lester Nos: 13182, 259, 292, 318; 14431, 434, 435, 445, 447, 693, 694, 697, 699, 700, 706, 708, 709, 876, 902, 903, 906, 908, 910, 916, 917, 943, 950, 967
Note: For repairing IM216-1, IM266, IM269, IM294 regulators.



TRI400S
(Ref# 35-8302-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.5 Vset

For: Mando, Mitsubishi IR/IF Alternators
Used On: (1996-84) Dodge, Eagle, Hyundai, Mitsubishi, Nissan, Plymouth, Subaru
Unit Nos: Mando AB175002, AB175015, AB175019, AB175020, AB190012;
Mitsubishi A2T02271, A2T02471, A2T02572, A2T02577, A2T02671, A2T02771, A2T02871, A2T02971, A2T02977, A2T03171, A2T03471, A2T03477, A2T03972, A2T04271, A2T04277, A2T04992, A2T06871, A2T07071, A2T07172, A2T09291, A2T09392, A2T09493, A2T09691, A2T09792, A2T14792, A2T17692, A2T22991, A2T28291, A2T40671; A2T42571, A; A2T42599, A; A2T45272, A, B; A2T45494; A2T48176, A, B; A2T48195, A, B; A2T48691, A2T48791, A2T49176B, A2T49972, A2T49977, (cont'd.)

(cont'd.)
A2T49992, A3T00692, A3T00792, A3T01691, A3T02192, A3T02193, A3T03392, A3T03393, A3T03471, A3T03492, A3T03493, A3T03891, A3T04292, A3T04493, A3T06591, A3T06691, A3T08293, A3T41876, A3T41892, A3T45693, A3T45694, A5T40195, A5T40195B, A5T41094
Lester Nos: 12303; 13197, 238, 249, 257, 263, 271, 272, 289, 290, 332, 352, 701; 14427, 428, 429, 430, 432, 433, 436, 437, 438, 655, 656, 657, 725
Note: For repairing IM217-1, IM261 regulators.



TRI830
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.5 Vset, wo/ LRC

For: Mando, Mitsubishi IR/IF Alternators
Used On: (2001-91) Ford, Mazda, Mercury, Subaru
Unit Nos: Mando AB160044;
Mitsubishi A2T33191, A2T33891, A2T33892, A2T33991, A2T35177, A2T36578, A2T38977, A2T39091, A2T39291, A2T39391, A2T80391, A2T83491, A2TA3991, A2TA5891, A3T07592, A3T08491, A3T08591, A5T03391, A5T03677, A5T03777
Lester Nos: 13227, 13350, 13432, 13445, 13446, 13460, 13479, 13511, 13523, 13559, 13574, 13614, 13650, 13698
Note: For repairing IM830 regulator.

MITSUBISHI



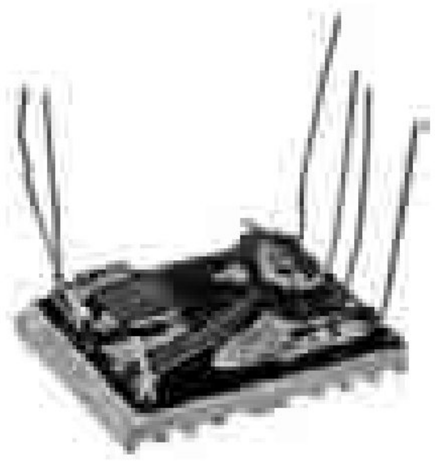
TRI211
Repair Circuit
12 Volt, A-Circuit,
L Terminals, 14.5 Vset

For: Mitsubishi IR/EF Alternators
Used On: Citroen, Peugeot
Unit Nos: Mitsubishi A1T02674, D
Note: For repairing IM211 regulator



TRI232
(Ref# 35-8353-5)
Repair Circuit
12 Volt, A-Circuit, 14.3 Vset

For: Mitsubishi IR/IF Alternators
Used On: Ford Escort, Fiesta, Orion, Zeta (Great Britain)
Unit Nos: Ford 92AB-10300-FA, -JA; Mitsubishi A2T14591, A2T14592, A2T28792, A2T32692
Note: For repairing IM232 regulator.

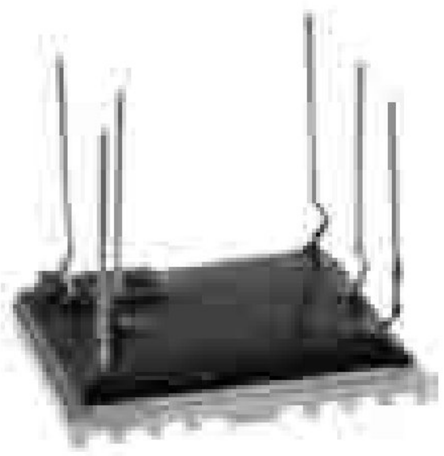


TRI267
(Ref# 35-8312-5)
Repair Circuit
12 Volt, A-Circuit,
C-IG-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1987-84) Honda CRX
Unit Nos: Honda 31100-PE0-906, 31100-PE0-927; Mitsubishi A1T01691
Note: For repairing IM267 regulator

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)

MITSUBISHI (cont'd.)



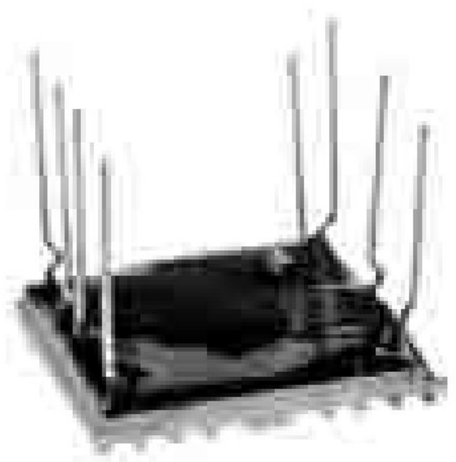
TRI268
(Ref# 35-8313-5)
Repair Circuit
12 Volt, A-Circuit,
I-D(S)-A Terminals, 14.5 Vset
For: Mitsubishi IR/IF Alternators
Used On: (1998-88) Ford, Mazda, Mercury
Unit Nos: Mitsubishi A2T13977, A2T17574, A2T18177, A2T18277, A2T18874, A2T19677, A2T19877, A2T19991, A2T20091, A2T20191, A2T34477, A3T01596, A3T01598, A3T05274, A3T06791, A5T00777, A5T00877, A5T00972, A5T01271, A5T01577, A5T01977, A5T02377, A5T02777
Lester Nos: 13188, 13190, 13211, 13227, 13231, 13237, 13253, 13282, 13295, 13297, 13299, 13314, 13337, 13350, 13432
Note: For repairing IM268-1, IM277, IM279, IM280, IM829 regulators.



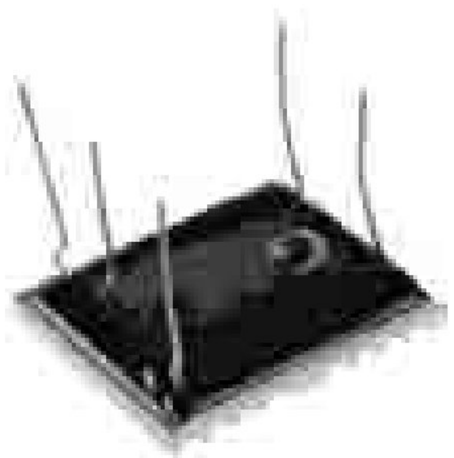
TRI270
(Ref# 35-8316-5)
Repair Circuit
12 Volt, A-Circuit,
I-D(S)-A Terminals, 14.5 Vset
For: Mitsubishi IR/IF Alternators
Used On: (1988) Ford
Unit Nos: Mitsubishi A3T01496
Lester Nos: 13189
Note: For repairing IM270 regulator.



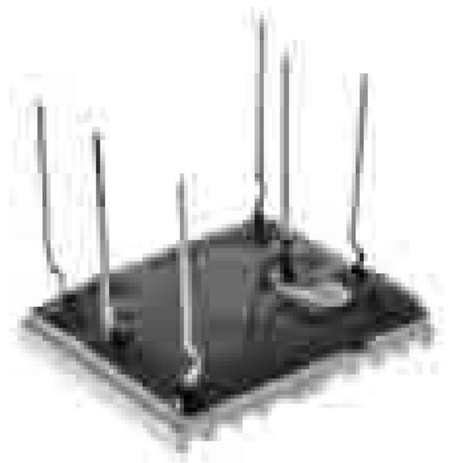
TRI271
(Ref# 35-8318-5)
Repair Circuit
12 Volt, A-Circuit,
I-A Terminals, 14.5 Vset
For: Mitsubishi IR/IF Alternators
Used On: (1998-89) Dodge, Eagle, Ford, Mercury, Mitsubishi, Nissan, Plymouth
Unit Nos: Mitsubishi A2T32899, A2T34892, A2T34991, A2T34992, A2T35091, A2T35092, A2T36391, A2T36392, A2T38291, A2T38391, A2T38491, A2T38891, A2T38892, A2T39991, A2T39992, A2T40092, A2T80591, A2T81791, A2TA0991, A2TA2871, A2TA3491, A3T00491, A3T00896, A3T11591, A3T12291, A3T12391, A3T12491, A3T12691, A3T12792, A3T12991, A3T13091, A3T13191, A3T13291, A3T14491, A3TA0791, A3TA1091, A3TA1191, A3TA1391, A4T01192, A4T02591, A5T05091, A5T07592
Lester Nos: 12311, 13230, 13282, 13298, 13430, 13450, 13451, 13473, 13584, 13596, 13597, 13598, 13615, 13616, 13692, 13786, 13439
Note: For repairing IM271, IM832, IM837 regulators



TRI273
(Ref# 35-8317-5)
Repair Circuit
12 Volt, A-Circuit,
C-FR-IG-L Terminals, 14.5 Vset
For: Mitsubishi IR/IF Alternators
Used On: (1989-88) Honda
Unit Nos: Mitsubishi A1T02291, A1T02292, A1T04891, A1T04892
Lester Nos: 13266
Note: For repairing IM273 regulator. L- terminal is an output terminal.

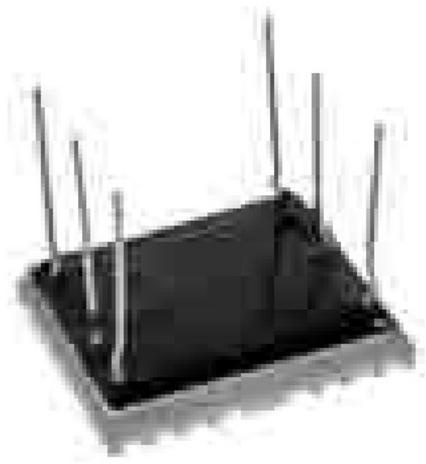


TRI275
(Ref# 35-8321-5)
Repair Circuit
12 Volt, A-Circuit,
D-IG-L Terminals, 14.7 Vset
For: Mitsubishi IR/IF Alternators
Used On: (1998-89) Chevrolet, Geo, Suzuki
Unit Nos: Mitsubishi A1T03191, A1T03195
Lester Nos: 13213, 13416
Note: For repairing IM275 regulator.



TRI276
(Ref# 35-8323-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14. Vset
For: Mitsubishi IR/IF Alternators
Used On: (1994-89) Infiniti, Subaru
Unit Nos: Mitsubishi A1T03391, A1T03791, A2T13894, A4T00790, A4T00796, A4T03591
Lester Nos: 13212, 13303, 13480, 13549
Note: For repairing IM272, IM276, IM291 regulators.

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)



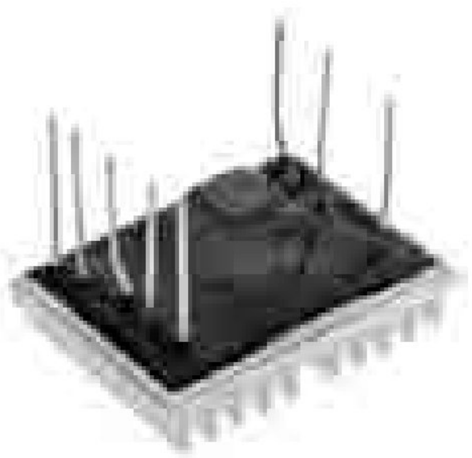
TRI278
(Ref# 35-8326-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1990-89) Nissan
Unit Nos: Mitsubishi A5T00192
Lester Nos: 13251
Note: For repairing IM278, IM831 regulators.



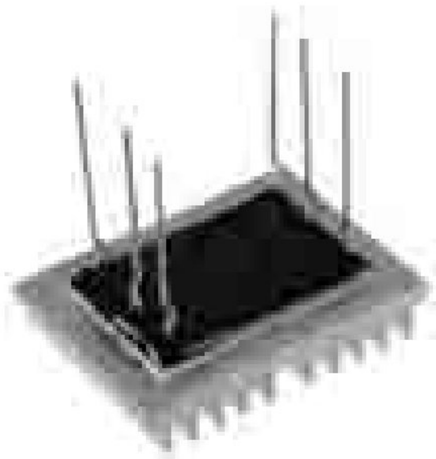
TRI285
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1995-91) Dodge, Mitsubishi
Unit Nos: Mitsubishi A4T01493, A4T01793, A4T01893, A4T02991, A4T03091, A4T03191, A4T30593
Lester Nos: 13351, 13435, 13449, 13703
Note: For repairing IM285 regulator.



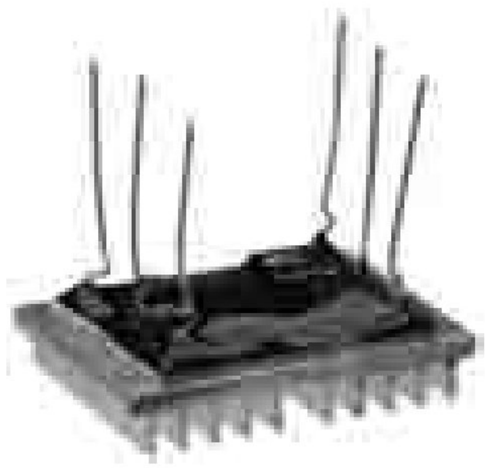
TRI341
Repair Circuit
12 Volt, A-Circuit,
G-S-L-F Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2005-97) Chrysler, Dodge, Mitsubishi
(cont'd.)
Unit Nos: Mitsubishi A2TA4991, A2TA5191, A2TA5391, A2TA5394, A3TB3491
Lester Nos: 13750, 13751, 13787, 13840, 13886
WAI Ref. Nos: 1-2118-01MI, 1-2118-02MI; 1-2204-01MI, -02MI; 1-2355-02MI
Note: For repairing IM341 regulator.



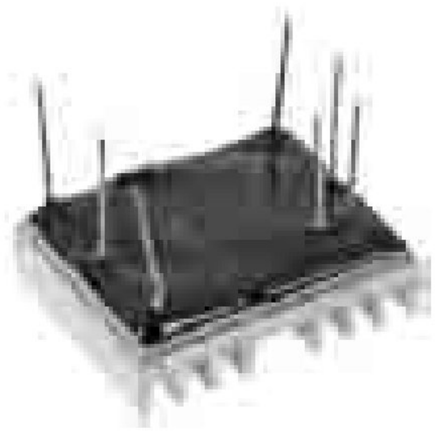
TRI345
Repair Circuit
12 Volt, A-Circuit,
P-D Terminals, 14.3 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2005-97) Kia, Mazda
Unit Nos: Mazda GY01-18-300E, Z599-18-300A, C; Z5A1-18-300; Mitsubishi A2TB0091, A2TB2391; A3TB1081, A; A3TG0081
Lester Nos: 13718, 13883, 13996
Note: For repairing IM345, IM465 regulators.



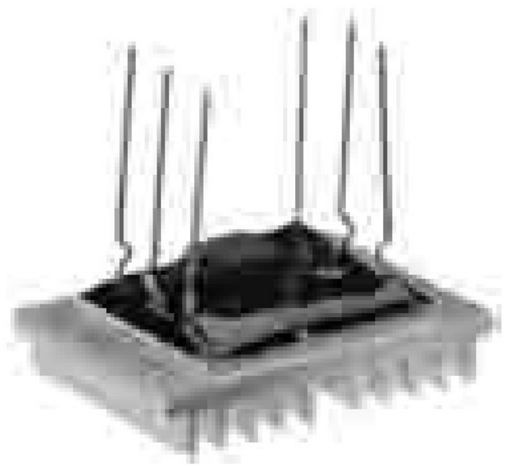
TRI350
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2001-99) Mercury*, Nissan* (1998-97) Subaru
Unit Nos: Ford XF52-10300-AC*, XF5Z-10346-AA*; Mitsubishi A2TA7691, A3TA5691*; Nissan 23100-7B000*; Subaru 23700-AA290
Lester Nos: 13752, 13821*
Note: Repairs Mitsubishi regulators stamped: 350, 369.
For repairing IM350 regulator.
*Not for Transpo IM369 regulator.



TRI369
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.3 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2002-99) Mercury*, Nissan*
Unit Nos: Ford XF52-10300-AC*, XF5Z-10346-AA*; Mitsubishi A3TA5691*; Nissan 23100-7B000*
Lester Nos: 13821*
Note: Use TRI369 for repairing Transpo IM369 regulator.
Use TRI350 for repairing OE Mitsubishi regulators stamped: 350, 369.



TRI381
Repair Circuit
12 Volt, A-Circuit,
L-IG-D Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2003-99) Chevrolet Tracker, Suzuki Vitara
Unit Nos: GM 30020754, 30021755, 30026055, 30026056, 30027273; Mitsubishi A5TA3891, A; A5TA4291; Suzuki 31400-65D00, -65D01, -66D00, -66D01, -67D01
Lester Nos: 13780, 13781
Note: For repairing IM381 regulator.

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)

MITSUBISHI (cont'd.)



TRI400R
(Ref# 35-8301-5)
Repair Circuit
12 Volt, A-Circuit,
R-L Terminals, 14.5 Vset

For: Mando, Mitsubishi IR/IF Alternators
Used On: (1989-84) Dodge, Ford, Hyundai, Mazda, Mitsubishi, Plymouth, Subaru
Unit Nos: Mando AB155001, AR160A; Mitsubishi A1T01991, A1T02592, A1T02595, A1T02952, A1T33474, A1T33872, A1T33874, A1T34472, A1T34572, A1T34672, A1T40391, A1T40491, A1T40671, A1T40791, A1T40891, A2T00991, A2T03072, A2T03591, A2T03691, A2T03792, A2T03892, A2T04191, A2T04474, A2T07577, A2T13571, A2T13571A, A2T17872, A2T41674, A2T41677, A2T41791, A2T41991, A2T42671, A2T42677, A2T42777, A2T42899, A2T43791, A2T43891, A2T43892, A2T44991, A2T45091, A2T47371, A2T47371A, A2T47474, A2T47974, A2T49891, A5T10377, A5T10477, A5T16471, A5T23171, A5T30574, A5T30599, A5T30871, A5T30977, A5T31177, A5T31277, A5T31971, A5T31971A, A5T32571, A5T40374, A5T40377, A5T41474, A5T41477, A7T20199, A7T30271, A7T30492, A7T30571, A7T30674, A7T30692
Lester Nos: 13182, 259, 292, 318; 14431, 434, 435, 445, 447, 693, 694, 697, 699, 700, 706, 708, 709, 876, 902, 903, 906, 908, 910, 916, 917, 943, 950, 967
Note: For repairing IM216-1, IM266, IM269, IM294 regulators.



TRI400S
(Ref# 35-8302-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.5 Vset

For: Mando, Mitsubishi IR/IF Alternators
Used On: (1996-84) Dodge, Eagle, Hyundai, Mitsubishi, Nissan, Plymouth, Subaru
Unit Nos: Mando AB175002, AB175015, AB175019, AB175020, AB190012; Mitsubishi A2T02271, A2T02471, A2T02572, A2T02577, A2T02671, A2T02771, A2T02871, A2T02971, A2T02977, A2T03171, A2T03471, A2T03477, A2T03972, A2T04271, A2T04277, A2T04992, A2T06871, A2T07071, A2T07172, A2T09291, A2T09392, A2T09493, A2T09691, A2T09792, A2T14792, A2T17692, A2T22991, A2T28291, A2T40671; A2T42571, A; A2T42599, A; A2T45272, A, B; A2T45494; A2T48176, A, B; A2T48195, A, B; A2T48691, A2T48791, A2T49176B, A2T49972, A2T49977, A2T49992, A3T00692, A3T00792, A3T01691, A3T02192, A3T02193, A3T03392, A3T03393, A3T03471, A3T03492, A3T03493, A3T03891, A3T04292, A3T04493, A3T06591, A3T06691, A3T08293, A3T41876, A3T41892, A3T45693, A3T45694, A5T40195, A5T40195B, A5T41094
Lester Nos: 12303; 13197, 238, 249, 257, 263, 271, 272, 289, 290, 332, 352, 701; 14427, 428, 429, 430, 432, 433, 436, 437, 438, 655, 656, 657, 725
Note: For repairing IM217-1, IM261 regulators.



TRI405
(Ref# 35-8320-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1988-86) Nissan
Unit Nos: Mitsubishi A5T41592, B
Lester Nos: 14718
Note: For repairing IM262, IM274 regulators.



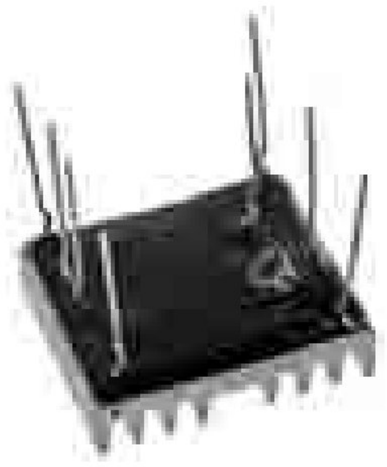
TRI406
(Ref# 35-8310-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1989-86) Ford, Mazda, Mercury, Nissan
Unit Nos: Mitsubishi A2T02394, B; A2T05772, X; A2T05892, A2T05893; A2T46395, B; A2T47794, B; A2T48292, A2T48298, A2T48472, A5T22997B; A5T41592, B
Lester Nos: 13183, 13196, 14243, 14718, 14720, 14723, 14724, 14905, 14979
Note: For repairing IM263, IM265-1 regulators.

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)



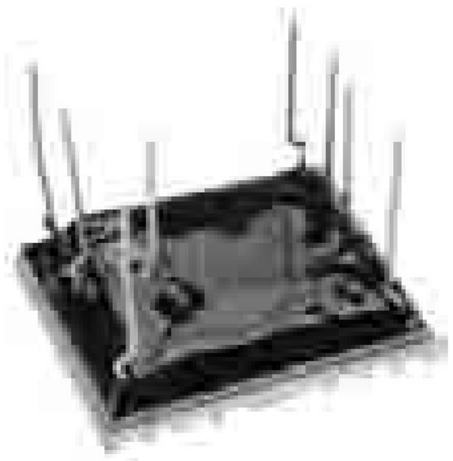
TRI830
Repair Circuit
12 Volt, A-Circuit, S-L Terminals, 14.5 Vset, wo/ LRC
For: Mando, Mitsubishi IR/IF Alternators
Used On: (2001-91) Ford, Mazda, Mercury, Subaru
Unit Nos: Mando AB160044; Mitsubishi A2T33191, A2T33891, A2T33892, A2T33991, A2T35177, A2T36578, A2T38977, A2T39091, A2T39291, A2T39391, A2T80391, A2T83491, A2TA3991, A2TA5891, A3T07592, A3T08491, A3T08591, A5T03391, A5T03677, A5T03777
Lester Nos: 13227, 13350, 13432, 13445, 13446, 13460, 13479, 13511, 13523, 13559, 13574, 13614, 13650, 13698
Note: For repairing IM830 regulator.



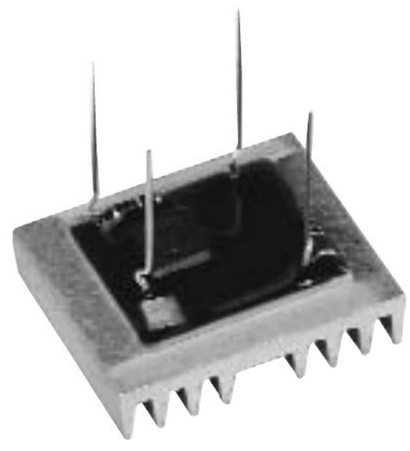
TRI835
Repair Circuit
12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.7 Vset
For: Mitsubishi IR/IF Alternators
Used On: (1995-92) Honda
Unit Nos: Honda 31100-P08-004, 31100-P08-024; Mitsubishi A5T06391, A5T06491, A7T00891
Lester Nos: 13608, 13700
Note: For repairing IM835 regulator.



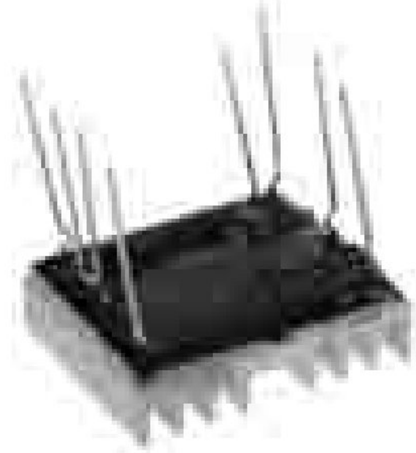
TRI836
(Ref# 35-8337-5)
Repair Circuit
12 Volt, A-Circuit, I-D(S)-A Terminals, 14.5 Vset
For: Mitsubishi IR/IF Alternators
Used On: (1995-93) Ford, Lincoln
Unit Nos: Mitsubishi A6T41491, A6T41591
Lester Nos: 13447, 13448
Note: For repairing IM836 regulator.



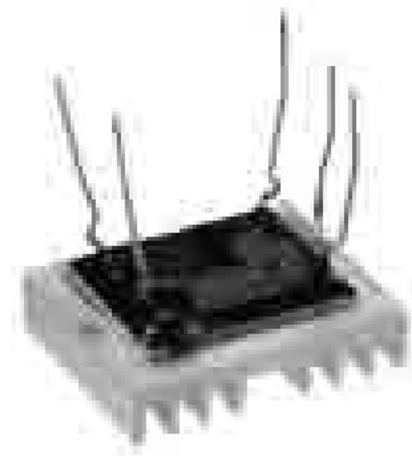
TRI839
Repair Circuit
12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.5 Vset
For: Mitsubishi IR/IF Alternators
Used On: (1995-92) Honda
Unit Nos: Honda 31100-008-014, 31100-P08-014; Mitsubishi A5T04292
Lester Nos: 13608
Note: For repairing IM839 regulator.



TRI843
Repair Circuit
24 Volt, A-Circuit, S-L Terminals, 28.5 Vset
For: Mitsubishi IR/EF Alternators
Used On: Mitsubishi Fuso Truck
Unit Nos: Mitsubishi A4T40289, A4T40386, A4T40389, A4T70078, A4T70086, A4T70099, A4T70186, A4T70189, A4T95099, A4TU3085, A4TU3088, A4TU3186, A4TU3586, A9TU3099, A9TU3199
Note: For repairing IM843 regulator.



TRI845
Repair Circuit
12 Volt, A-Circuit, C(G)-S-L-FR Terminals, 14.4 Vset
For: Mitsubishi IR/IF Alternators
Used On: (1999-95) Eagle, Mitsubishi
Unit Nos: Mitsubishi A2T82791, A2T82792, A2TA0891, A2TA0892, A5TA0291
Lester Nos: 13585, 13586, 13587
Note: For repairing IM845 regulator



TRI846
Repair Circuit
24 Volt, A-Circuit, R-L Terminals, 28.0 Vset
For: Mitsubishi IR/IF Alternators
Used On: Mitsubishi Fuso Canter Truck
Unit Nos: Mitsubishi A3T75883, A3TN5188, A3TN5288, A3TN5883; Mitsubishi Heavy Ind. 32B68-00200, Mitsubishi Motors ME017615
Note: For repairing IM846 regulator



TRI848
Repair Circuit
12 Volt, A-Circuit, D-S-L Terminals, 14.4 Vset
For: Mitsubishi IR/IF Alternators
Used On: (2002-99) Subaru
Unit Nos: Mitsubishi A2TB2891, A2TB2991; Subaru 23700-AA370, -AA390
Lester Nos: 13820, 13889
Note: For repairing IM848 regulator.

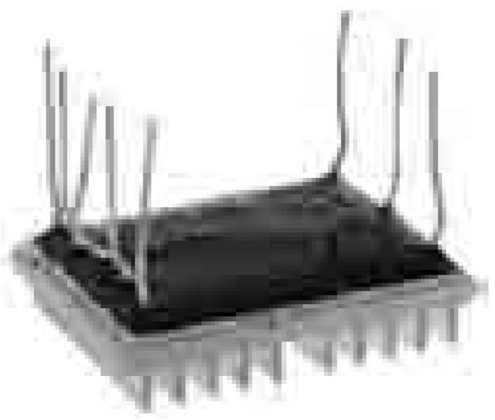
ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)

MITSUBISHI (cont'd.)



TRI850
Repair Circuit
12 Volt, A-Circuit,
C-FR-IG-L Terminals, 14.5 Vset

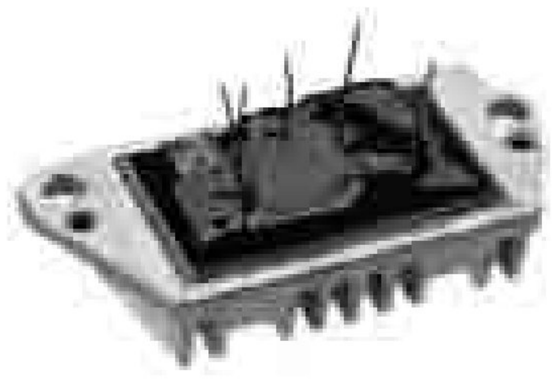
For: Mitsubishi IR/IF Alternators
Used On: (2001-96) Acura, Honda
Unit Nos: Mitsubishi A5TA0991, A5TA3591
Lester Nos: 13649, 13762
WAI Ref. Nos: 1-2094-01MI, 1-2195-01MI
Note: For repairing IM850 regulator.



TRI851
Repair Circuit
12 Volt, A-Circuit,
IG-C-L-FR Terminals, 14.5 Vset

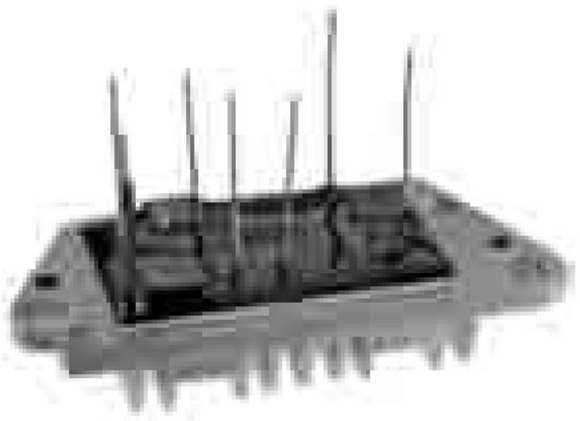
For: Mitsubishi IR/IF Alternators
Used On: (2005-01) Honda Civic
Unit Nos: Honda 31100-PLM-A01, 31100-PLM-A02; Mitsubishi A5TA7091, A5TA7091ZC
Lester Nos: 13893
Note: For repairing IM851 regulator

NIPPONDENSO



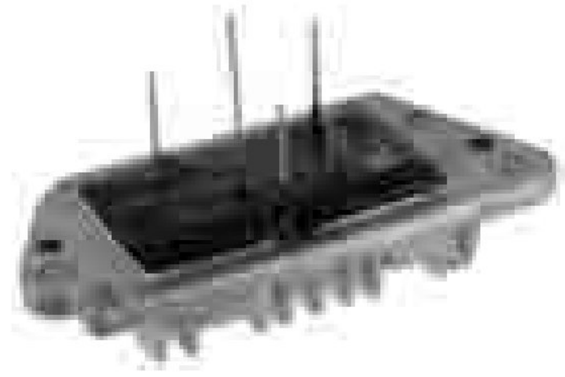
TRI219
(Ref# 35-8210-5)
Repair Circuit
12 Volt, A-Circuit,
D-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1986) Suzuki
Unit Nos: GM 96051973, 96054116; Nippondenso 100211-141, -229, -302, -338, -364, -528; Suzuki 31400-82611
Lester Nos: 14684, 14870
Note: For repairing IN219 regulator. L-terminal is not an output terminal.



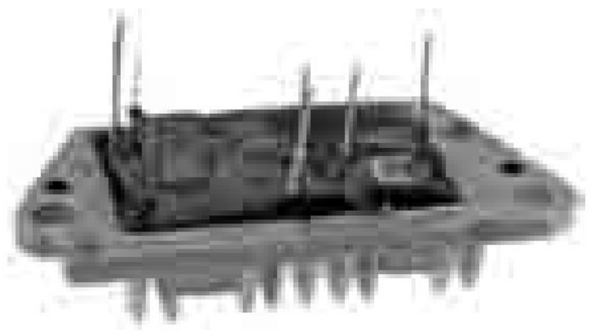
TRI220
(Ref# 35-8204-5)
Repair Circuit
12 Volt, A-Circuit,
S-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1993-83) Daihatsu, Honda, Isuzu, Lexus, Toyota; John Deere
Unit Nos: Nippondenso 100211-100, -103, -104, -105, -106, -107, -108, -109, -110, -111, -118, -120, -121, -122, -123, -132, -134, -136, -200, -202, -203, -205, -206, -207, -210, -215, -216, -217, -225, -228, -237, -238, -240, -250, -273, -283, -284, -303, -304, -306, -309, -311, -3110, -312, -316, -317, -318, -322, -326, -330, -332, -335, -343, -351, -353, -354, -355, -363, -377, -382, -396, -700, -706, -713, -726, -743, -745, -746, -757, -780, -797, -803, -807, -830, -854, -971; 100213-045
Lester Nos: 13229, 240, 241, 277, 322, 323, 331, 383, 408; 14449, 454, 457, 458, 460, 472, 611, 643, 668, 671, 674, 678, 679, 682, 683, 756, 847, 855, 857, 935, 939, 974
Note: For repairing IN220, IN436, IN437 regulators. L-terminal is an output terminal.



TRI221
(Ref# 35-8205-5)
Repair Circuit
12 Volt, A-Circuit,
D-IG-L Terminals, 14.5 Vset

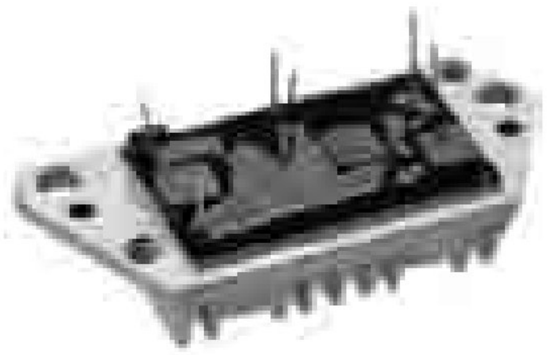
For: Nippondenso IR/IF Alternators
Used On: (1995-84) Chevrolet, Geo, Honda, Isuzu
Unit Nos: Nippondenso 100211-127, 100211-133, 100211-138, 100211-143, 100211-222, 100211-223, 100211-795, 100211-973
Lester Nos: 13391, 13521, 14732, 14733, 14757
Note: For repairing IN221-1 regulator. L-terminal is an output terminal.



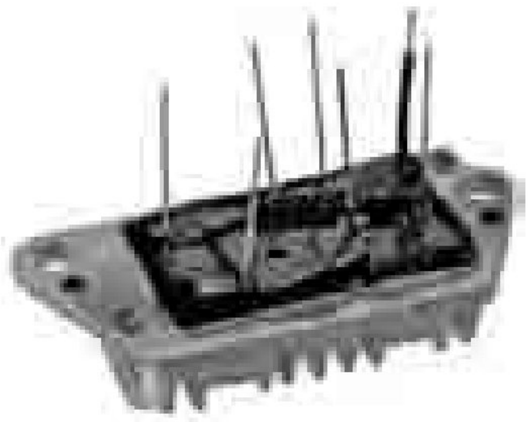
TRI222
(Ref# 35-8209-5)
Repair Circuit
12 Volt, A-Circuit,
C-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1989-84) Honda, Isuzu
Unit Nos: Nippondenso 100211-126, -221, -234, -358, -372, -701, -735
Lester Nos: 14739, 14755, 14852
Note: For repairing IN222 regulator. L-terminal is an output terminal.

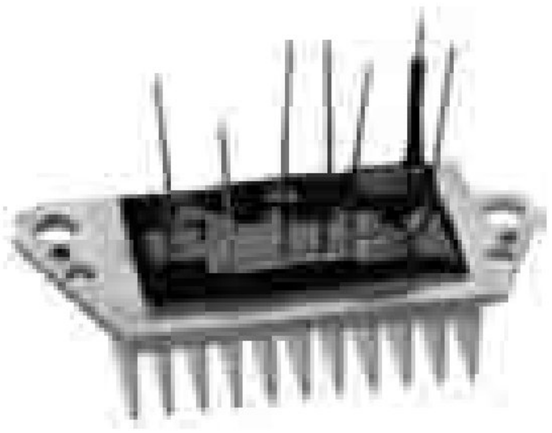
ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)



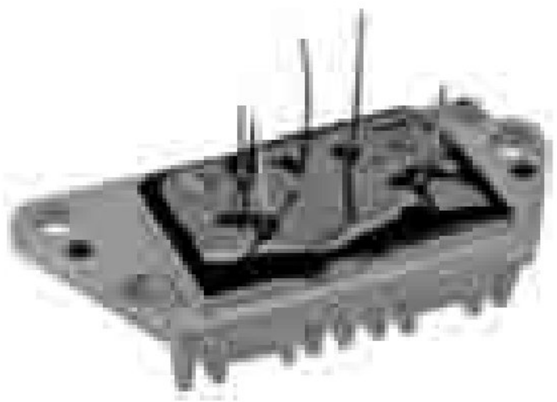
TRI224
(Ref# 35-8214-5)
Repair Circuit
12 Volt, A-Circuit,
C-FR-IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: (1997-88) Acura, Honda
Unit Nos: Nippondenso 100211-359, 100211-366, 100211-369, 100211-389, 100211-815, 100211-819, 100211-855, 100211-871, 100211-875, 100211-877, 101211-549, 101211-550, 101211-584
Lester Nos: 13325, 13395, 13507, 13508, 13538, 13539, 14989
Note: For repairing IN224 regulator. L-terminal is an output terminal.



TRI226
(Ref# 35-8213-5)
Repair Circuit
12 Volt, A-Circuit,
S-FR-IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: (2002-85) Acura, Honda, Sterling
Unit Nos: Nippondenso 100211-201, 100211-213, 100211-214, 100211-255, 100211-331, 100211-615, 100211-617, 100211-707, 101211-723, 101211-727, 100211-750, 100211-781
Lester Nos: 13294, 13386, 13387, 13675, 13738, 14591, 14680, 14931, 14941
Note: For repairing IN226, IN455 regulators. L-terminal is an output terminal.



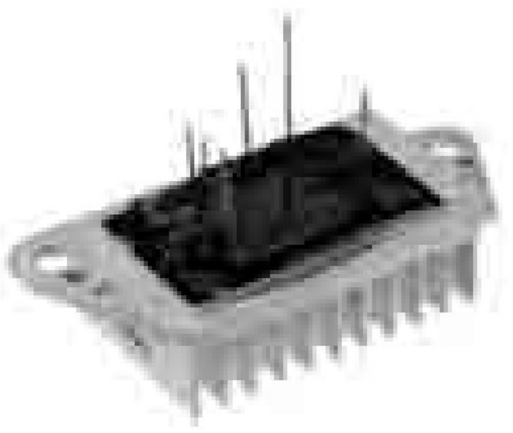
TRI250
(Ref# 35-8217-5)
Repair Circuit
12 Volt, A-Circuit,
S-IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: (1992-87) Daihatsu, Toyota
Unit Nos: Daihatsu 27060-87706-000, 27060-87710-000;
Nippondenso 100211-152, -156, -162, -416, -417, -432, -435, -441, -686, -687;
Toyota 27060-10070, -10071, -11080, -72080, -72081, -72110, -72111, -72140, -87710
Lester Nos: 13239, 13390, 14843
Note: For repairing IN250 regulator. L-terminal is an output terminal.



TRI225
(Ref# 35-8212-5)
Repair Circuit
12 Volt, A-Circuit,
D-FR-IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: (1991-85) Acura, Honda
Unit Nos: Nippondenso 100211-135, 100211-137, 100211-393, 100211-733
Lester Nos: 13326, 14759, 14853, 14854, 14930
Note: For repairing IN225 regulator. L-terminal is an output terminal.



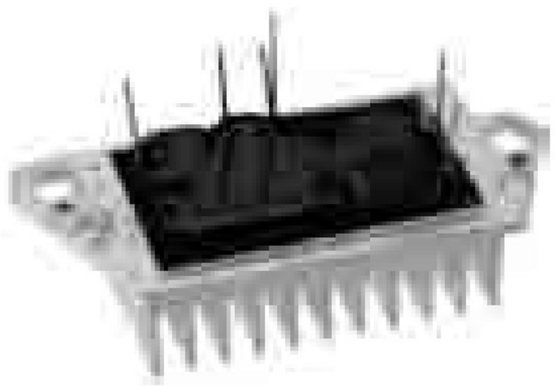
TRI233
(Ref# 35-8224-5)
Repair Circuit
24 Volt, A-Circuit, 28.0 Vset
For: Nippondenso IR/EF Alternators
Used On: Caterpillar
Unit Nos: Nippondenso 100211-086, 100211-089
Lester Nos: 12059, 12060
Note: For repairing IN233 regulator. Terminal identification: B+, D, F, B-.



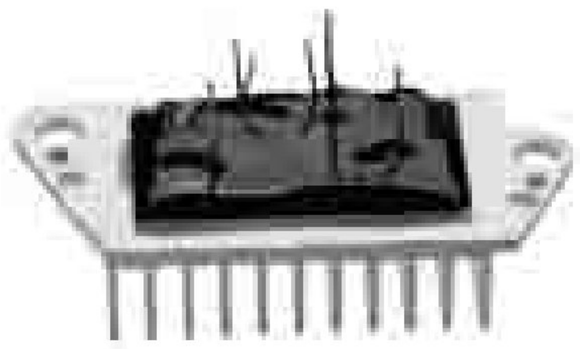
TRI251
(Ref# 35-8216-5)
Repair Circuit
12 Volt, A-Circuit,
D-IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: (1995-85) Chevrolet, Geo, Isuzu, Suzuki
Unit Nos: Nippondenso 100211-413, 100211-426, 100211-660, 101211-202
Lester Nos: 13316, 13522, 14733, 14940
Note: For repairing IN251 regulator. L-terminal is an output terminal.

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)

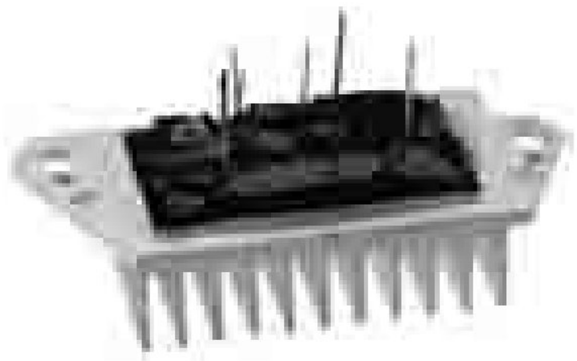
NIPPONDENSO (cont'd.)



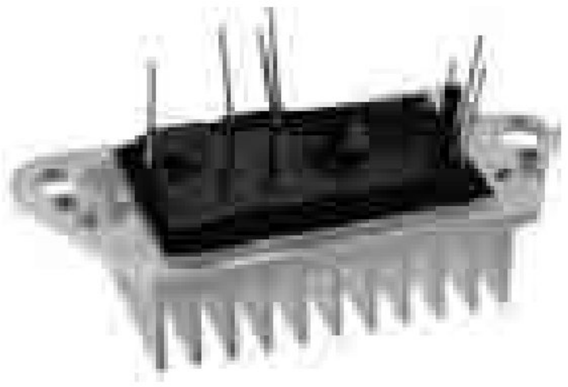
TRI252
(Ref# 35-8218-5)
Repair Circuit
12 Volt, A-Circuit,
C-IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: (1988-85) Chevrolet
Unit Nos: Nippondenso 100211-411, 100211-415
Lester Nos: 14937
Note: For repairing IN252 regulator. L-terminal is an output terminal



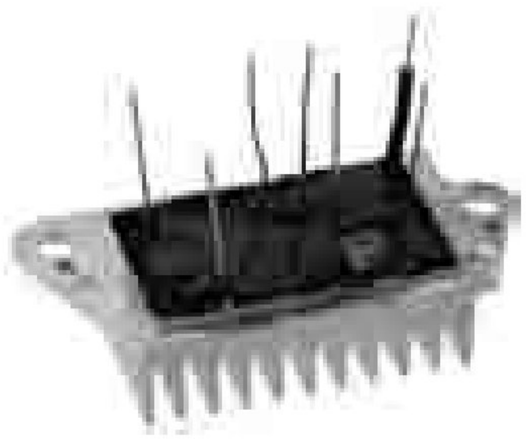
TRI253
(Ref# 35-8215-5)
Repair Circuit
12 Volt, A-Circuit,
D-IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: (1995-86) Daihatsu, Suzuki
Unit Nos: Nippondenso 100211-155, -157, -407, -414, -671, -672, -699, -919, -932, -934
Lester Nos: 13214, 13255, 13414, 14684, 14870
Note: For repairing IN253 regulator. L-terminal is not an output terminal.



TRI254
(Ref# 35-8220-5)
Repair Circuit
12 Volt, A-Circuit,
IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: Gehl, Komatsu, Kubota, Toyota Forklift, Yale
Unit Nos: Nippondenso 100211-151, -154, -158, -159, -161, -163, -165, -166, -167, -168, -169, -400, -405, -406, -408, -409, -418, -420, -421, -422, -423, -424, -425, -436, -438, -439, -446, -448, -452, -455, -456, -464, -465, -622, -664, -676, -677, -678, -688, -689, -690, -692
Lester Nos: 12179, 12180, 12182, 12189, 12190, 12196, 12198, 12199, 12204, 12207
Note: For repairing IN254 regulator. L-terminal is not an output terminal.



TRI255
(Ref# 35-8221-5)
Repair Circuit
12 Volt, A-Circuit,
IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: John Deere, Massey Ferguson
Unit Nos: Daihatsu 27060-87212-000, Iseki 6281-200-004-0B, Kubota 16541-64011; Nippondenso 100211-444, 100211-453, 100211-463; Thermo King 5D36221G01, Yanmar 119620-77202
Lester Nos: 12188, 12270
Note: For repairing IN255 regulator. L-terminal is an output terminal



TRI257
(Ref# 35-8242-5)
Repair Circuit
12 Volt, A-Circuit,
S-IG-L Terminals, 14.5 Vset
For: Nippondenso IR/IF Alternators
Used On: (1998-93) Toyota
Unit Nos: Nippondenso 101211-213, Toyota 27060-11250
Lester Nos: 13485
Note: For repairing IN257 regulator. L-terminal is an output terminal.

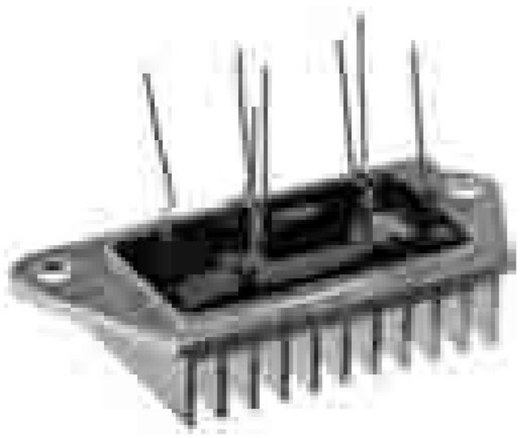


TRI300
(Ref# 35-8202-5)
Repair Circuit
12 Volt, A-Circuit,
S-IG-L Terminals, 14.0 Vset
For: Nippondenso IR/EF Alternators
Used On: (1984-81) Toyota
Unit Nos: Nippondenso 100211-040, 100211-043, 100211-050, 100211-053, 100211-054, 100211-055, 100211-056, 100211-059, 100211-060, 100211-061, 100211-063, 100211-064, 100211-065, 100211-066, 100211-067, 100211-070, 100211-071, 100211-072, 100211-075
Lester Nos: 14336, 14341, 14345, 14347, 14574, 14677
Note: For repairing IN229, IN230, IN235 regulators.



TRI434
Repair Circuit
12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset, w/ LRC

For: Nippondenso IR/IF Alternators
Used On: (1996-88) Dodge, Geo, Lexus, Toyota
Unit Nos: Nippondenso 100211-340, -606, -611, -635, -637, -704, -710, -718, -778, -782, -796, -802, -805, -807, -811, -823, -832, -838, -839, -845, -847, -848, -850, -859, -884, -885, -984; 101211-521
Lester Nos: 13234, 252, 276, 278, 319, 321, 339, 384, 385, 393, 398, 455, 566; 14455, 849
Note: For repairing IN434 regulator. L-terminal is not an output terminal.



TRI439
Repair Circuit
12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset

For: Nippondenso IR/IF Alternators
Used On: (2002-93) Chevrolet, Geo, Lexus, Toyota
Unit Nos: Nippondenso 100211-502, -511, -639, -644, -648, -899; 101211-005, -006, -007, -010, -012, -014, -019, -021, -027, -038, -039, -042, -051, -062, -500, -501, -502, -508, -509, -511, -512, -513, -517, -523, -524, -537, -538, -546, -554, -555, -561, -564, -566, -572, -575, -576, -577, -590, -597, -639, -706, -711, -716, -718, -751, -951, -996; 102211-124, -509
Lester Nos: 13457, 481, 482, 492, 495, 499, 500, 501, 502, 503, 537, 546, 551, 553, 556, 557, 668, 711, 754, 756
Note: For repairing IN439 regulator. L-terminal is not an output terminal.

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)

REGULATOR TO REPAIR CIRCUIT

IH237	TRI410
IH238	TRI423*
IH239	TRI421
IH240	TRI410
IH241	TRI430
IH242	TRI422
IH243	TRI420
IH244	TRI430
IH245	TRI421
IH246	TRI421
IH247	TRI247
IH248	TRI248
IH249	TRI421
IH250	TRI420
IH251	TRI431
IH760	TRI760
IH761	TRI761
IH762	TRI767
IH763	TRI761
IH765	TRI761
IH767	TRI767
IH770	TRI770
IH772	TRI772
IM211	TRI211

IM216-1	TRI400R
IM217-1	TRI400S
IM232	TRI232
IM261	TRI400S
IM262	TRI405
IM263	TRI406
IM265-1	TRI406
IM266	TRI400R
IM267	TRI267
IM268-1	TRI268
IM269	TRI400R
IM270	TRI270
IM271	TRI271
IM272	TRI276
IM273	TRI273
IM274	TRI405
IM275	TRI275
IM276	TRI276
IM277	TRI268
IM278	TRI278
IM279	TRI268
IM280	TRI268
IM285	TRI285
IM291	TRI276

IM294	TRI400R
IM341	TRI341
IM345	TRI345
IM350	TRI350
IM369	TRI369*
IM381	TRI381
IM465	TRI345
IM829	TRI268
IM830	TRI830
IM831	TRI278
IM832	TRI271
IM835	TRI835
IM836	TRI836
IM837	TRI271
IM839	TRI839
IM843	TRI843
IM845	TRI845
IM846	TRI846
IM848	TRI848
IM850	TRI850
IM851	TRI851
IN219	TRI219
IN220	TRI220
IN221-1	TRI221

IN222	TRI222
IN224	TRI224
IN225	TRI225
IN226	TRI226
IN229	TRI300
IN230	TRI300
IN233	TRI233
IN235	TRI300
IN250	TRI250
IN251	TRI251
IN252	TRI252
IN253	TRI253
IN254	TRI254
IN255	TRI255
IN257	TRI257
IN434	TRI434
IN436	TRI220
IN437	TRI220
IN439	TRI439
IN455	TRI226
IY058	TRI058

*Transpo regulator only

REPAIR CIRCUIT TO REGULATOR

TRI058	IY058
TRI211	IM211
TRI219	IN219
TRI220	IN220
TRI220	IN436
TRI220	IN437
TRI221	IN221-1
TRI222	IN222
TRI224	IN224
TRI225	IN225
TRI226	IN226
TRI226	IN455
TRI232	IM232
TRI233	IN233
TRI247	IH247
TRI248	IH248
TRI250	IN250
TRI251	IN251
TRI252	IN252
TRI253	IN253
TRI254	IN254
TRI255	IN255
TRI257	IN257
TRI267	IM267

TRI268	IM268-1
TRI268	IM277
TRI268	IM279
TRI268	IM280
TRI268	IM829
TRI270	IM270
TRI271	IM271
TRI271	IM832
TRI271	IM837
TRI273	IM273
TRI275	IM275
TRI276	IM272
TRI276	IM276
TRI276	IM291
TRI278	IM278
TRI278	IM831
TRI285	IM285
TRI300	IN229
TRI300	IN230
TRI300	IN235
TRI341	IM341
TRI345	IM345
TRI345	IM465
TRI350	IM350

TRI369*	IM369
TRI381	IM381
TRI400R	IM216-1
TRI400R	IM266
TRI400R	IM269
TRI400R	IM294
TRI400S	IM217-1
TRI400S	IM261
TRI405	IM262
TRI405	IM274
TRI406	IM263
TRI406	IM265-1
TRI410	IH237
TRI410	IH240
TRI420	IH243
TRI420	IH250
TRI421	IH239
TRI421	IH245
TRI421	IH246
TRI421	IH249
TRI422	IH242
TRI423*	IH238
TRI430	IH241
TRI430	IH244

TRI431	IH251
TRI434	IN434
TRI439	IN439
TRI760	IH760
TRI761	IH761
TRI761	IH763
TRI761	IH765
TRI767	IH762
TRI767	IH767
TRI770	IH770
TRI772	IH772
TRI830	IM830
TRI835	IM835
TRI836	IM836
TRI839	IM839
TRI843	IM843
TRI845	IM845
TRI846	IM846
TRI848	IM848
TRI850	IM850
TRI851	IM851

*Transpo regulator only

DELCO

10SI, 12SI Series



28-100
Rotor
63 Amp/12 Volt
For: Delco 10SI Series 37-63A IR/EF Alternators
Replaces: Delco 1876163, 1986817, 10475415, D3154, D3195; Ref# 7040-1546
Features:
• 100% New



28-102
Rotor
94 Amp/12 Volt
For: Delco 12SI Series 56-94A IR/EF Alternators
Replaces: Delco 1984466, 1985476, 10475405, D3157, D3158; Ref# 7040-1661, -1662
Lester Nos: 7272, 73, 78, 92, 94; 7830
Features:
• 100% New

15SI, 17S Series



28-104
Rotor
108 Amp/12 Volt
For: Delco 15SI Series 70-105A; 17SI Series 97-108A IR/EF Alternators
Replaces: Delco 1975333, 1985646, D3156, D3159; Ref# 7040-1665
Components:
8-121 Bearing Race
28-1852-1 Slip Ring
Features:
• 100% New



28-105
Rotor
120 Amp/12 Volt
For: Delco 17SI Series 120A IR/EF Alternators
Replaces: Delco 1988967, D3167; Ref# 7040-1381
Components:
8-121 Bearing Race
28-1852-1 Slip Ring
Features:
• 100% New

20SI Series



28-106
Rotor
For: Delco 20SI Series IR/EF Alternators
Replaces: Delco 1894446; Ref# 7040-1550
Note: Used w/ 28-107, 28-108 stationary coils
Components:
84-8909 Retaining Ring
Features:
• 100% New



28-107
Stationary Coil
12 Volt
For: Delco 20SI Series 12V IR/EF Alternators
Replaces: Delco 1894492



28-108
Stationary Coil
24 Volt
For: Delco 20SI Series 24V IR/EF Alternators
Replaces: Delco 1894474

ALTERNATOR - ROTORS (28-)

DELCO

21SI Series



28-129
Rotor
115 Amp/12 Volt
For: Delco 21SI Series 90-115A IR/EF Alternators
Replaces: Delco 10467263, D3186; Ref# 7040-2987
Dim: 19mm from slip ring to end of shaft
Note: Used w/ short 8-119 needle bearing.
Similar to 28-137 except 28-137 used w/ long 8-109 needle bearing and is 28mm from slip ring to end of shaft.
Components:
28-1711 Shaft
28-1852-1 Slip Ring



28-135
Rotor
70 Amp/24 Volt
For: Delco 21SI Series 50-70A/24V IR/EF Alternators
Replaces: Delco 10470690; Ref# 7040-2989
Dim: 19mm from slip ring to end of shaft
Note: Used w/ short 8-119 needle bearing.
Similar to 28-141 except 28-141 used w/ long 8-109 needle bearing and is 28mm from slip ring to end of shaft.
Components:
28-1711 Shaft
28-1852-1 Slip Ring
Features:
• 100% New



28-138
Rotor
130-160 Amp/12 Volt
For: Delco 21SI Series 130-160A IR/EF Alternators
Replaces: Delco 10477018
Dim: 28mm from slip ring to end of shaft
Note: Used w/ long 8-109 needle bearing.
Similar to 28-131 except 28-131 used w/ short 8-119 needle bearing and is 19mm from slip ring to end of shaft.
Components:
28-1714 Shaft
28-1852-1 Slip Ring
Features:
• 100% New



28-131
Rotor
130-160 Amp/12 Volt
For: Delco 21SI Series 130-160A IR/EF Alternators
Replaces: Delco 10470606, D3183; Ref# 7040-2988
Dim: 19mm from slip ring to end of shaft
Note: Used w/ 8-119 short needle bearing.
Similar to 28-138 except 28-138 used w/ long 8-109 needle bearing and is 28mm from slip ring to end of shaft.
Components:
28-1711 Shaft
28-1852-1 Slip Ring
Features:
• 100% New



28-137
Rotor
115 Amp/12 Volt
For: Delco 21SI Series 90-115A IR/EF Alternators
Replaces: Delco 10477782
Dim: 28mm from slip ring to end of shaft
Note: Used w/ long 8-109 needle bearing.
Similar to 28-129 except 28-129 used w/ short 8-119 needle bearing and is 19mm from slip ring to end of shaft.
Components:
28-1714 Shaft
28-1852-1 Slip Ring
Features:
• 100% New



28-141
Rotor
70 Amp/24 Volt
For: Delco 21SI Series 50-70A/24V IR/EF Alternators
Replaces: Delco 10477863; Ref# 7040-2991
Unit Nos: Delco 19010108, 19010111, 19010182, 19010185, 19010193, 19010200
Dim: 28mm from slip ring to end of shaft
Note: Used w/ long 8-109 needle bearing.
Similar to 28-135 except 28-135 used w/ short 8-119 needle bearing and is 19mm from slip ring to end of shaft.
Components:
28-1714 Shaft
28-1852-1 Slip Ring
Features:
• 100% New

22SI Series



28-139
Rotor
100 Amp/12 Volt

For: Delco 22SI Series 100A/12V IR/EF Alternators
Replaces: Delco 10492756; Ref# 7040-2997
Components:
28-1714 Shaft
28-1858 Slip Ring
Features:
• 100% New



28-140
Rotor
145 Amp/12 Volt

For: Delco 22SI Series 130-145A/12V IR/IF Alternators
Replaces: Delco 10493722; Ref# 7040-2998
Components:
28-1714 Shaft
28-1858 Slip Ring
Features:
• 100% New

25SI, 26SI, 30SI, 33SI, 34SI Series



28-109
Rotor

For: Delco 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1968904; Ref# 7040-1532
Note: Used w/ 28-110, 28-111, 28-119, 28-120, 28-143 stationary coils
Components:
28-1700 Shaft
84-8909 Retaining Ring
Features:
• 100% New



28-110
Stationary Coil
12 Volt

For: Delco 25SI, 26SI Series 12V IR/EF Alternators
Replaces: Delco 1968916
Components:
41-1306 Grommet



28-111
Stationary Coil
24 Volt

For: Delco 25SI, 26SI Series 24V IR/EF Alternators
Replaces: Delco 1969133
Components:
41-1306 Grommet



28-119
Stationary Coil
12 Volt

For: Delco 29SI, 30SI Series 12V IR/EF Alternators
Replaces: Delco 1876790, 1974630
Note: 4-amp draw. Similar to 28-143 except 28-143 has 6.5-amp draw



28-120
Stationary Coil
24-32 Volt

For: Delco 29SI, 30SI Series 24-32V IR/EF Alternators
Replaces: Delco 1876768, 1876837, 1988086

ALTERNATOR - ROTORS (28-)

DELCO

25SI, 26SI, 30SI, 33SI, 34SI Series (cont'd)



28-143
Stationary Coil
135 Amp/12 Volt

For: Delco 33SI, 34SI Series 110-135A IR/EF Alternators
Replaces: Delco 10491238
Unit Nos: Delco 19011150, 151, 152, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 167, 169, 170, 171, 172, 173, 174, 176, 177, 178, 179, 182, 183, 186, 187, 200, 202
Lester Nos: 8080, 81, 82, 83, 84, 90, 91, 92, 93, 95, 96, 97
Note: 9-amp draw. Similar to 28-119 except 28-119 has 6-amp draw
Features:
• 100% New

27SI Series



28-113
Rotor
100 Amp/12 Volt

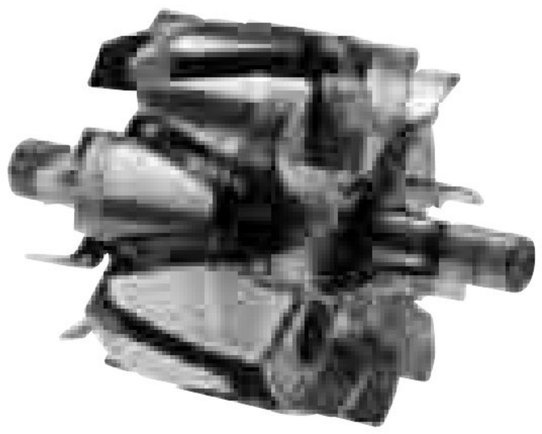
For: Delco 27SI/Type 200 Series 65-100A IR/EF Alternators
Replaces: Delco 1852040, 1972914, 1978872; Leece-Neville 98040; Ref# 7040-1548
Components:
28-1852-1 Slip Ring
46-1561 Seal
Features:
• 100% New



28-116
Rotor
65 Amp/24 Volt

For: Delco 27SI/Type 200 Series 65A/24V IR/EF Alternators
Replaces: Delco 1978873; Ref# 7040-1520
Components:
28-1852-1 Slip Ring
46-1561 Seal

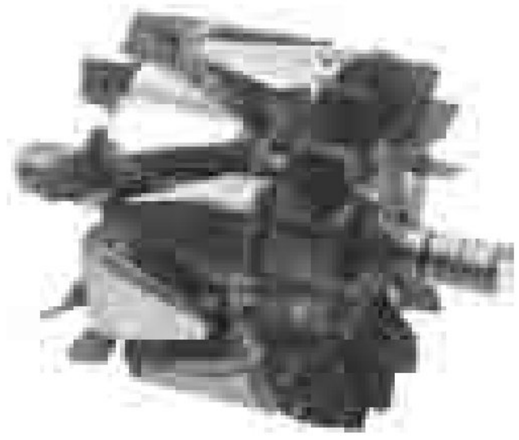
AD230, CS130D Series



28-154
Rotor
110 Amp/12 Volt

For: Delco AD230, CS130D Series 100-110A IR/IF Alternators
Replaces: Delco 10451617, 10475748, 10489033, 10490878, 10494728; Ref# 7040-344
Lester Nos: 8155, 8156, 8158, 8160, 8190, 8199, 8200, 8206, 8208, 8216, 8220, 8222, 8223, 8224, 8227, 8228, 8229, 8230, 8231, 8233, 8234, 8238, 8242, 8243, 8245, 8247, 8249, 8270, 8271, 8272, 8273, 8276, 8285, 8287
Components:
28-1427 Fan
28-1860 Slip Ring
Features:
• 100% New

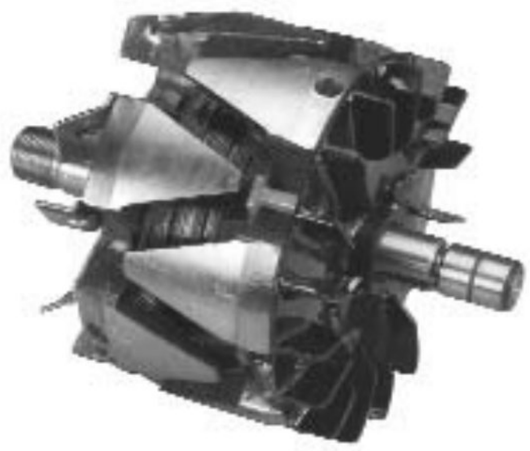
AD237 Series



28-152
Rotor
125 Amp/12 Volt

For: Delco AD237 Series IR/IF Alternators
Unit Nos: Delco, 10480244, 10480303, 10480327, 10480341, 10480357, 10480368, 10480414, 10480428
Lester Nos: 8235, 8241, 8244, 8277, 8278, 8286
Components:
28-1860 Slip Ring
Features:
• 100% New

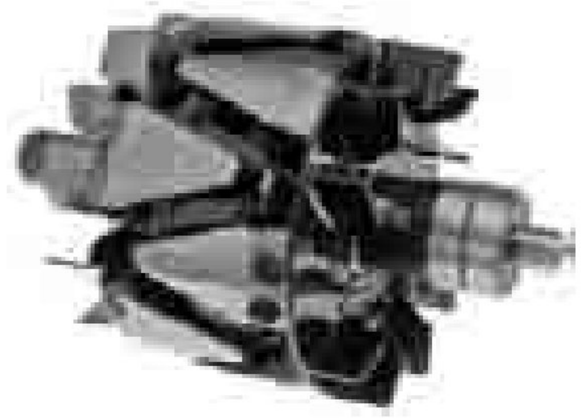
AD244 Series



28-158
Rotor
130-150 Amp/12 Volt

For: Delco AD244 Series IR/IF Alternators
Replaces: Ref# 7040-346
Unit Nos: Delco 10480234, 10480270, 10480383, 10480390, 15062413, 15750871, 15768830, 15769253, 15769254
Lester Nos: 8237, 8290
Components:
28-1860 Slip Ring
Features:
• 100% New

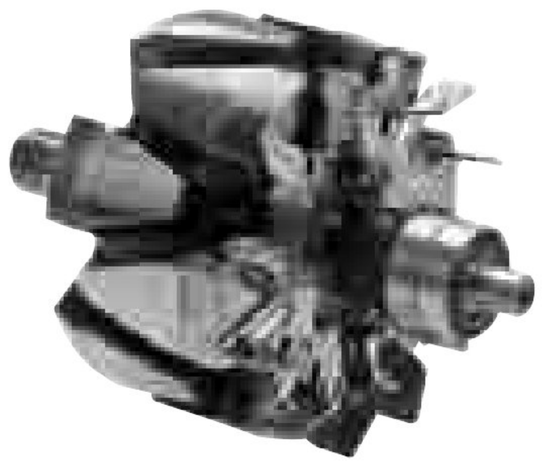
CS121D Series



28-151
Rotor
90 Amp/12 Volt

For: Delco CS121D Series IR/IF Alternators
Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232
Components:
28-1431 Fan
Features:
• 100% New

CS130 Series



28-124-2
Rotor
105 Amp/12 Volt

For: Delco CS130 Series 85-105A IR/EF Alternators
Replaces: Delco 1989632, 10470297, 10471478, 10471658, 10471947, 10472287, 10474093, 10495681, 10499985, D3172, D3173, D3174, D3177, D3181, D3187; Ref# 7040-1106
Components:
28-1413 Fan
28-1414 Insulator
28-1854 Slip Ring
GS-2952 Shaft
Features:
• 100% New

CS144 Series



28-133
Rotor
145 Amp/12 Volt

For: Delco CS144 Series 124-145A IR/EF Alternators
Replaces: Delco 10471616, 10472724, 10494277, D3182, D3185; Ref# 7040-1692
Note: Used w/ 6-303-4 D.E. ball bearing and 8-122 S.R.E. needle bearing
Components:
8-121 Bearing Race
28-1855 Slip Ring
Features:
• 100% New

FORD

1G Series, Blue Back Truck



28-205
Rotor
90 Amp/12 Volt

For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford E2HZ-10335-A, E2HZ-10335-B, GM-467, GM-468; Ref# 7050-1682
Note: .880" Dia. Shaft
Components:
28-2851-1 Slip Ring
Features:
• 100% New

2G Series



28-206
Rotor
75 Amp/12 Volt

For: Ford 2G Series 75A IR/EF Alternators
Replaces: Ford E43Z-10335-A, E43Z-10335-B, E43Z-10335-C, E6DZ-10335-A, E7SZ-10335-A, E7TZ-10335-A, E9SZ-10335-A, GM-469, GM-470, GM-471, GM-472, GM-472-A, GM-476, GM-485, GM-488; Ref# 7050-1680
Dim: 90.5mm OD
Components:
28-2400 Stop Ring
28-2853-1 Slip Ring
Features:
• 100% New



28-207
Rotor
80 Amp/12 Volt

For: Ford 2G Series 80A IR/EF Alternators
Replaces: Ford E9FZ-10335-A, GM-487-A; Ref# 7050-2801
Lester Nos: 7744, 7745, 7746
Dim: 101mm OD
Features:
• 100% New

ALTERNATOR - ROTORS (28-)

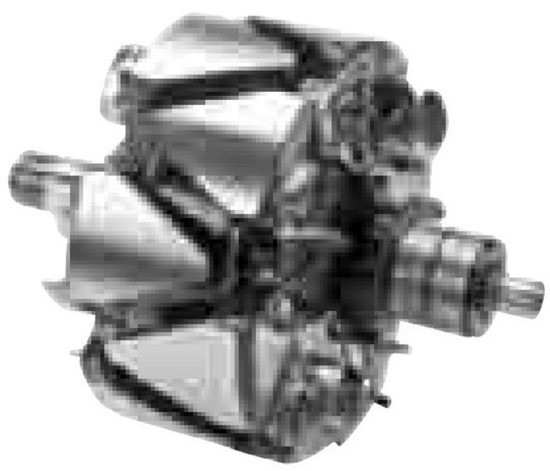
FORD

3G Series



28-208
Rotor
95 Amp/12 Volt

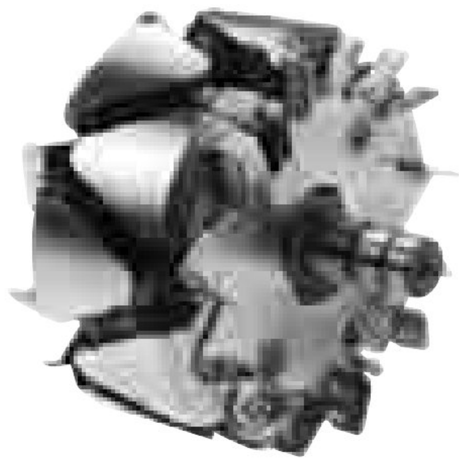
For: Ford 3G Series 75-95A IR/IF Alternators
Replaces: Ref# 7050-2930
Dim: M16 x 1.50 Shaft Threads
Components:
28-2206 Rotor Coil
28-2400 Stop Ring
28-2704 Shaft
28-2855-1 Slip Ring
Features:
• 100% New



28-209
Rotor
130 Amp/12 Volt

For: Ford 3G Series 130A IR/IF Alternators
Dim: M16 x 1.50 Shaft Threads
Components:
28-2207 Rotor Coil
28-2400 Stop Ring
28-2704 Shaft
28-2855-1 Slip Ring
Features:
• 100% New

4G Series



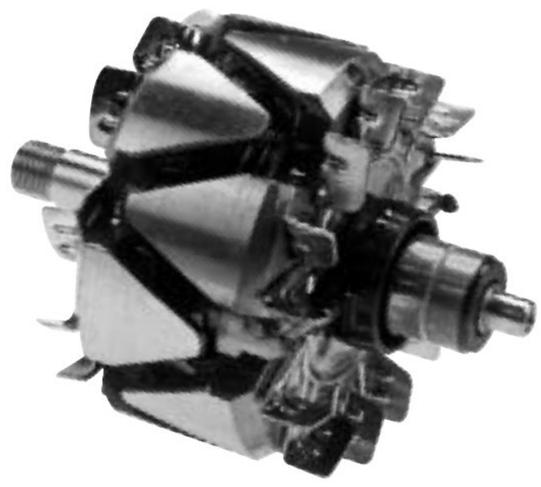
28-210
Rotor
130 Amp/12 Volt

For: Ford 4G Series IR/IF Alternators
Replaces: Ref# 7050-2934
Components:
28-2306 Bobbin
28-2411 Fan (S.R.E.)
28-2412 Fan (D.E.)
28-2858 Repair Slip Ring
28-2857 Slip Ring
Features:
• 100% New

28-210-2
Rotor
130 Amp/12 Volt

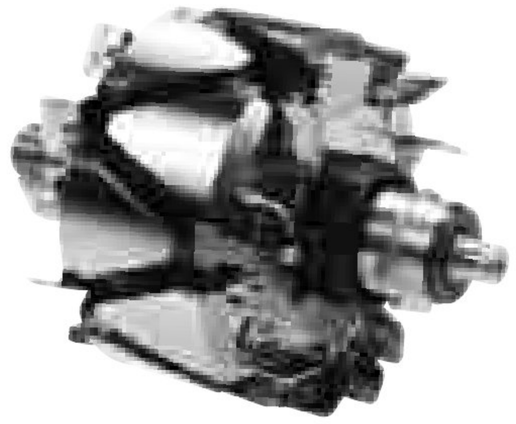
Same as 28-210 except...
Features:
• 100% New
• Best Value

6G Series



28-211
Rotor
135 Amp/12 Volt

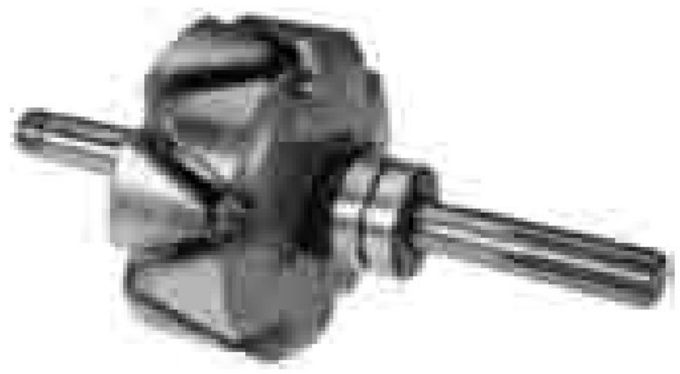
For: Ford 6G Series 130-135A IR/IF Alternators
Replaces: Ref# 7050-2936
Lester Nos: 7795, 8253
Dim: 111mm OD
Components:
28-2308 Bobbin
28-2859 Slip Ring
Features:
• 100% New



28-212
Rotor
110 Amp/12 Volt

For: Ford 6G Series 95-110A IR/IF Alternators
Replaces: Ref# 7050-2935
Lester Nos: 8250, 8252, 8254, 8255, 8256, 8259, 8260, 8261, 8262, 8263
Dim: 99mm OD
Components:
28-2307 Bobbin
28-2859 Slip Ring
Features:
• 100% New

HITACHI



28-8101
Rotor
70 Amp/12 Volt

For: Hitachi 70A IR/EF Alternators
Used On: Hino, Isuzu Truck
Unit Nos: Hitachi LR170-418B, LR170-418C
WAI Ref. Nos: 1-2271-01HI
Dim: 17mm Shaft, 103mm OD, 215mm OAL
Note: 8-spline pump shaft
Features:
• 100% New
• Made in Japan to OE Specifications



28-8102
Rotor
70 Amp/12 Volt

For: Hitachi 70A IR/EF Alternators
Used On: Isuzu Truck
Unit Nos: Hitachi LR170-401, LR170-410
Lester Nos: 14735
WAI Ref. Nos: 1-1940-01HI, 1-1940-02HI
Dim: 17mm Shaft, 103mm OD, 191mm OAL
Note: 16-spline pump shaft
Features:
• 100% New
• Made in Japan to OE Specifications

LEECE-NEVILLE



28-501
Rotor
160 Amp/12 Volt

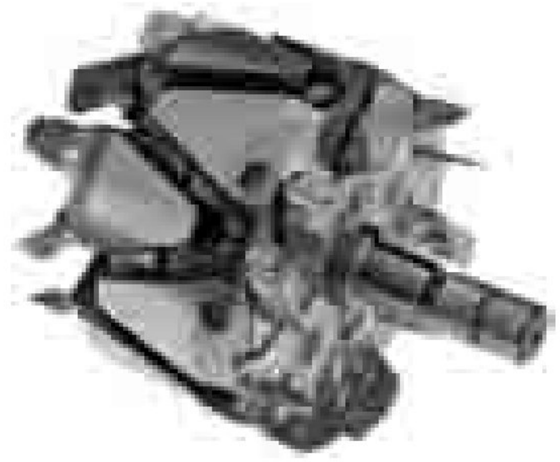
For: Leece-Neville 2700JB, 2800JB Series 130-160A/12V IR/EF Alternators
Replaces: Leece-Neville 79192; Ref# 7070-395
Note: Copper slip ring (same as late OE design)
Components:
28-5700 Shaft
28-5851-2 Slip Ring
Features:
• 100% New



28-502
Rotor
165 Amp/12 Volt

For: Leece-Neville 7700JA Series 165A/12V IR/EF Alternators
Replaces: Leece-Neville 95022
Unit Nos: Leece-Neville 5522AA, 7706A, 7706AA, 7706JA, 7710JA, 7711JA
Components:
28-5852 Slip Ring
Features:
• 100% New

NIPPONDENSO



28-8202
Rotor
70-100 Amp/12 Volt

For: Nippondenso 70-100A ER/IF, IR/IF Alternators
Used On: (2002-85) Chevrolet, Chrysler, Dodge, Eagle, Geo, Isuzu, Jeep, Lexus, Plymouth, Toyota, Volvo; Caterpillar
Unit Nos: Nippondenso 100211-802, -803, -805, -806, -807, -811, -813, -823, -830, -832, -835, -837, -838, -839, -848, -853, -854, -856, -857, -859, -862, -863, -866, -881, -882, -883, -884, -885, -886, -887, -889, -898, -899; 101211-501, -502, -508, -509, -511, -514, -515, -522, -523, -524, -527, -528, -536, -545, -546, -554, -555, -556, -561, -562, -571, -572, -597, -901, -906, -910, -915, -935, -951, -959, -960, -963, -978, -996; 102211-124; 121000-300, -310, -330, -331, -333, -334, -336, -337, -338, -339, -340, -341, -343, -344, -345, -346, -347, -348, -349, -351, -352, -353, -357, -358, -361, -373
(cont'd)

(cont'd)
Lester Nos: 12192; 13184, 185, 234, 245, 252, 256, 276, 278, 305, 306, 307, 312, 319, 321, 323, 331, 341, 353, 354, 393, 394, 396, 407, 413, 419, 424, 440, 442, 443, 444, 454, 457, 481, 487, 495, 497, 498, 501, 519, 537, 545, 546, 548, 551, 552, 556, 557, 558, 578, 593, 669, 705, 732, 747, 754, 755, 756, 794, 834, 869, 885
WAI Ref. Nos: 1-1029-01ND, 1-1039-02ND, 1-1041-01ND, 1-1043-01ND, 1-1063-01ND, 1-1419-01ND, 1-1421-01ND, 1-1447-01ND, 1-1490-03ND, 1-1490-02ND, 1-1490-01ND, 1-1503-06ND, 1-1503-05ND, 1-1503-04ND, 1-1503-03ND, 1-1503-02ND, 1-1503-01ND, 1-1510-01ND, 1-1511-01ND, 1-1527-03ND, 1-1527-02ND, 1-1527-01ND, 1-1531-01ND, 1-1588-01ND, 1-1592-01ND, 1-1764-01ND, 1-1836-01ND, 1-1837-01ND, 1-1843-01ND, 1-1856-01ND, 1-1857-01ND, 1-1858-01ND, 1-1859-01ND, 1-1860-01ND, 1-1861-01ND, 1-1862-01ND, 1-1864-01ND, 1-1865-01ND, 1-1882-01ND, 1-1893-01ND, 1-1931-01ND, 1-1936-01ND, 1-1965-01ND, 1-1971-01ND, 1-1972-01ND, 1-1975-01ND, 1-1976-01ND, 1-1978-01ND, 1-1980-01ND, 1-1982-01ND, 1-1983-01ND, 1-1984-01ND, 1-2006-01ND, 1-2008-01ND, 1-2009-01ND, 1-2050-01ND, 1-2073-01ND, 1-2080-01ND, 1-2086-01ND, 1-2133-01ND, 1-2138-01ND, 1-2146-01ND, 1-2149-01ND, 1-2167-01ND, 1-2238-01ND, 1-2285-01ND, 1-2366-01ND, 1-2380-01ND
Dim: 91mm OD
Features:
• 100% New

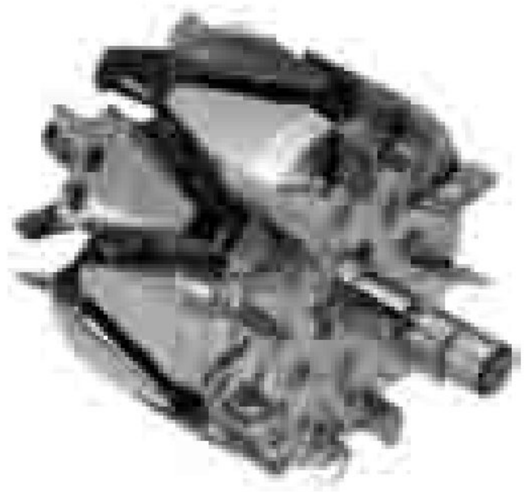
ALTERNATOR - ROTORS (28-)

NIPPONDENSO (cont'd)



28-8204
Rotor
100-125 Amp/12 Volt

For: Nippondenso 100-125A ER/IF, IR/IF Alternators
Used On: (2005-88) Acura, Chrysler, Dodge, Jaguar, Jeep, Lexus, Plymouth, Toyota
Replaces: Nippondenso 021200-4330, 021200-5940, 021200-7430; Toyota 27330-20070, 27330-64520
Unit Nos: Nippondenso 100211-642, 100211-645, 101211-752, 101211-757, 101211-775, 101211-784, 102211-059, 102211-065, 121000-400, 121000-401, 121000-403, 121000-404, 121000-405, 121000-406, 121000-407, 121000-408, 121000-409, 121000-410, 121000-412, 121000-413, 121000-415, 121000-416, 121000-421, 121000-423, 121000-426
Lester Nos: 12195, 13280, 13301, 13302, 13304, 13308, 13309, 13310, 13311, 13313, 13453, 13592, 13594, 13690, 13706, 13714, 13741, 13746, 13763, 13806, 13844
WAI Ref. Nos: 1-1491-01ND, -02ND, -03ND, -04ND; 1-1504-01ND, -02ND, -03ND, -04ND, -05ND, -06ND; 1-2007-01ND, 1-2056-01ND, 1-2074-01ND, 1-2075-01ND; 1-2181-01ND, -02ND; 1-2188-01ND, 1-2190-01ND, 1-2259-01ND; 1-2277-01ND, -02ND
Dim: 101mm OD
Features:
• 100% New

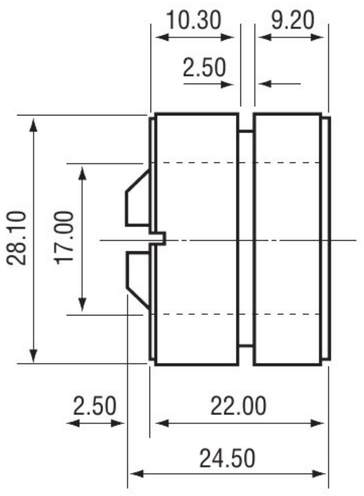


28-8207
Rotor
130-140 Amp/12 Volt

For: Nippondenso 130-140A ER/IF, IR/IF Alternators
Used On: (2005-97) Chrysler, Dodge, Honda, Jeep, Plymouth
Unit Nos: Nippondenso 101211-785, 121000-417, 121000-425, 121000-427, 121000-428, 121000-429, 121000-433, 121000-435, 121000-437, 121000-4482, 121000-453, 121000-454, 121000-458
Lester Nos: 11116, 13742, 13765, 13766, 13769, 13790, 13824, 13842, 13873, 13874, 13964
WAI Ref. Nos: 1-2087-01ND, 1-2226-01ND; 1-2227-01ND, -02ND; 1-2228-01ND, 1-2239-01ND, 1-2286-01ND, 1-2289-01ND, 1-2389-01ND, 1-2497-01ND, 1-2537-01ND
Dim: 101mm OD
Features:
• 100% New

BOSCH

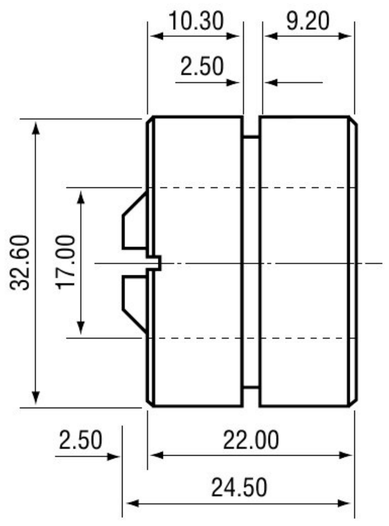




28-91850-1
Slip Ring

For: Bosch ER/EF, IR/EF Alternators
Replaces: Bosch 1-124-303-005, 1-124-303-015
Dim: 17mm ID x 28.1mm OD

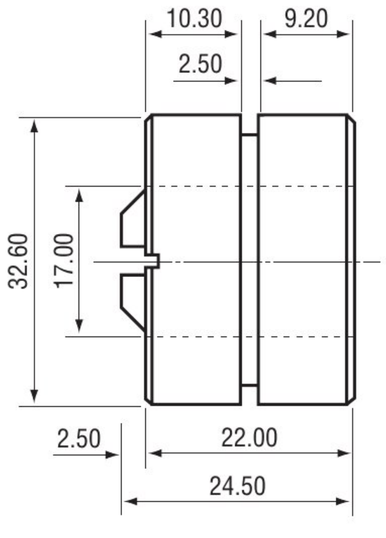




28-91851
Slip Ring

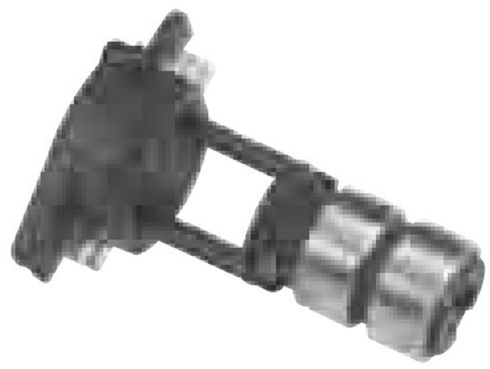
For: Bosch ER/EF, IR/EF Alternators
Replaces: Bosch 1-124-304-007
Lester Nos: 13009, 011, 015, 025, 030, 033, 034, 036, 038, 039, 040, 050, 054, 055, 056, 071, 073, 079, 093, 094, 101, 102, 107, 108, 109, 112, 113, 115, 116, 129, 138, 147, 150, 151, 152, 153, 154, 162, 172, 187, 236; 14046, 048, 049, 057, 070, 395, 538, 539, 605, 769, 779, 781
Dim: 17mm ID x 32.6mm OD
Note: 1.6mm thick copper

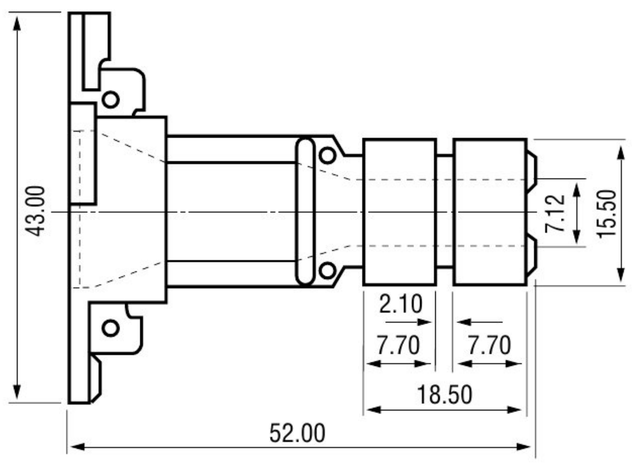




28-91851-1
Slip Ring

Same as 28-91851 except...
Dim: 17mm ID x 32.6mm OD



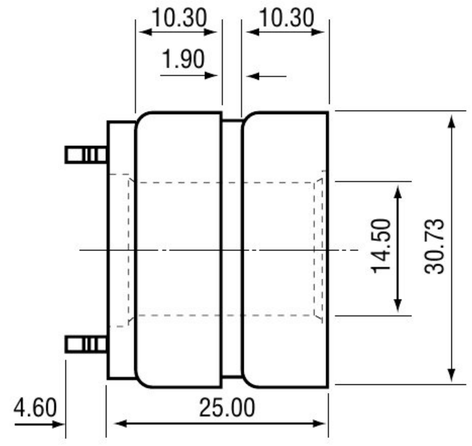


28-91852
Slip Ring

For: Bosch IR/IF Alternators
Lester Nos: 13357, 13380, 13381, 13382, 13417, 13422, 13441, 13520, 13541, 13605, 13606, 13617, 13771
Dim: 7mm ID x 16.2mm OD
Note: Can replace large-base designed slip rings
Features:
• Universal design

CAV



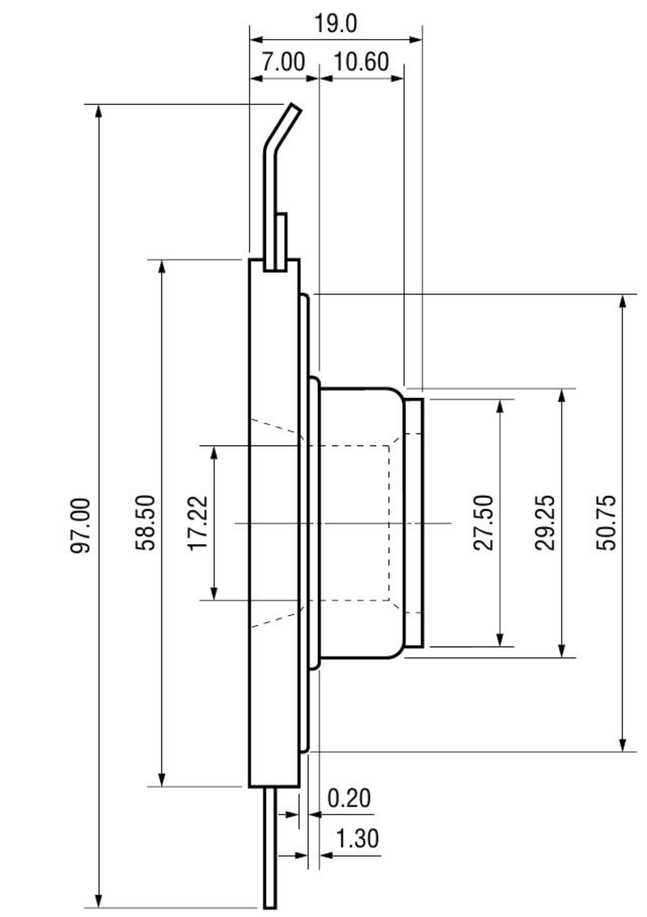


28-99851
Slip Ring

For: CAV Alternators
Dim: 14.5mm ID x 30.7mm OD

CHRYSLER



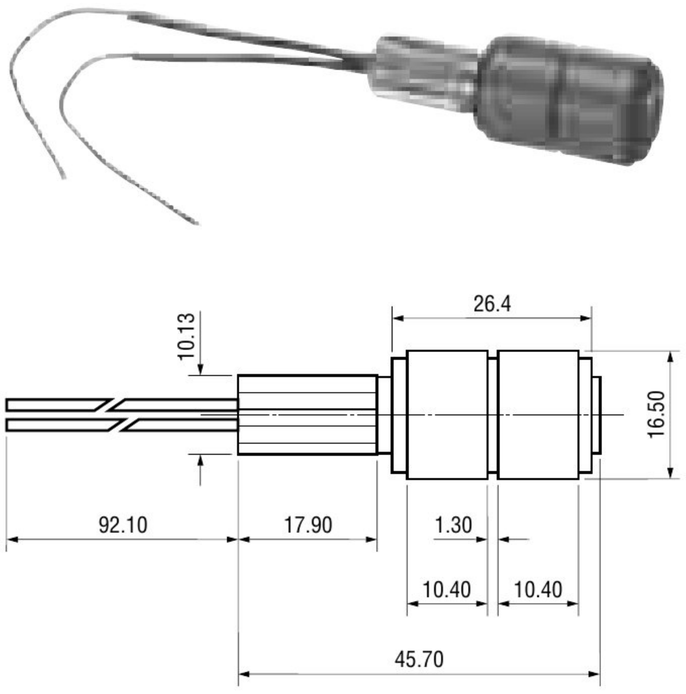


28-3851
Slip Ring

For: Chrysler Round Back, Square Back ER/IF Alternators
Replaces: Chrysler 3755187
Dim: 17.2mm ID x 29.3mm OD

ALTERNATOR - ROTOR PARTS (28-)

CHRYSLER (cont'd)



28-3852-4
Slip Ring

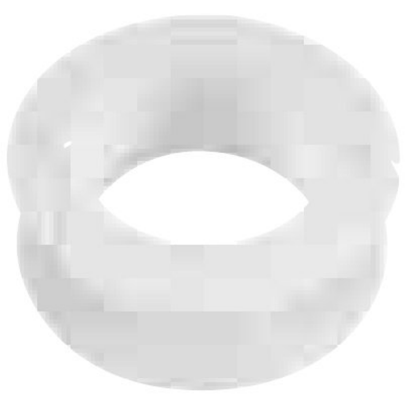
For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 4433050, 5226003
Dim: 10.1mm Knurl OD x 16.6mm OD

DELCO



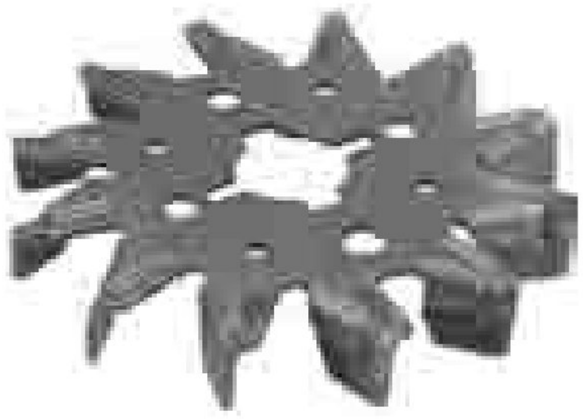
28-1303
Bobbin - Rotor

For: Delco 10DN Series ER/EF; 10SI Series IR/EF Alternators
Replaces: Delco 1984469, Ref# S-1356
Dim: 49.6mm ID x 51.8mm OD x 28.2mm W



28-1307
Bobbin - Rotor

For: Delco 12SI Series IR/EF Alternators
Replaces: Ref# S-2252
Dim: 49.6mm ID x 51.3mm OD x 25.4mm W



28-1400-1
Fan - Rotor

For: Delco CS121 Series IR/EF Alternators
Note: Metal fan, used w/ 28-1414 insulator.
Can be installed w/ 84-1102 mounting screws.



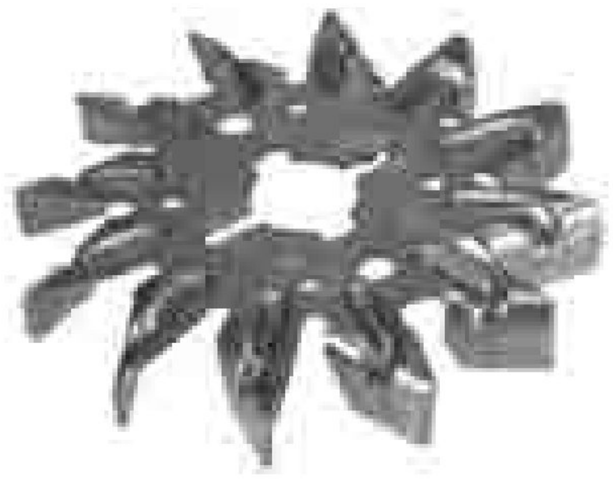
28-1401
Fan - Rotor
Plastic

For: Delco CS130 Series IR/EF Alternators
Note: Aftermarket repair fan, used w/ 84-1234 mounting screw



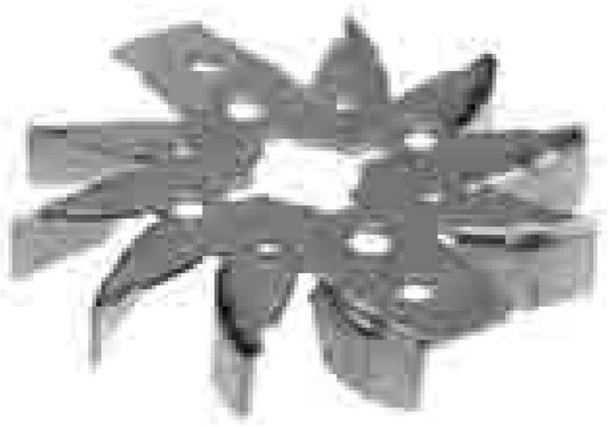
28-1406
Terminal - Rotor

For: Delco 12SI, 15SI, 17SI, 21SI, 27SI, CS144 Series IR/EF Alternators
Note: For attaching coil wires to slip ring.



28-1413
Fan - Rotor
Metal

For: Delco CS130 Series IR/EF; CS130D IR/IF Alternators
Note: For fan w/ curved blades, use 28-1413-1 Used w/ 28-1414 insulator on CS130 rotors.
Used w/ 28-1432 insulator on CS130D rotors. Can be installed w/ 84-1102 mounting screws.



28-1413-1
Fan - Rotor
Metal

Same as 28-1413 except...
Note: Similar to 28-1413 except 28-1413-1 has later design curved fan blades. Used w/ 28-1414 insulator on CS130 rotors. Used w/ 28-1432 insulator on CS130D rotors. Can be installed w/ 84-1102 mounting screws.

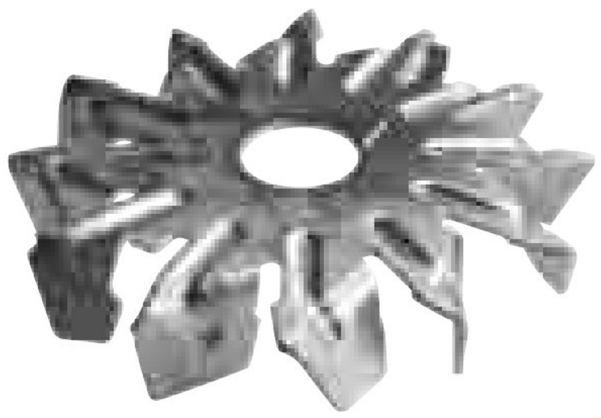


28-1414
Insulator - Rotor

For: Delco CS121, CS130 Series IR/EF Alternators
Note: Used w/ 28-1413 metal fan



28-1429
Insulator - Rotor
For: Delco CS144 Series IR/EF Alternators
Dim: 14.7mm L x 10.7mm W



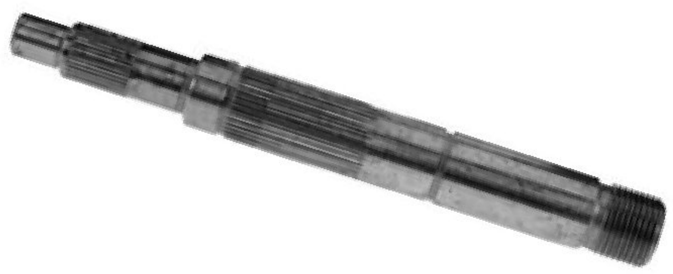
28-1431
Fan - Rotor
For: Delco CS121D Series IR/IF Alternators
Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232



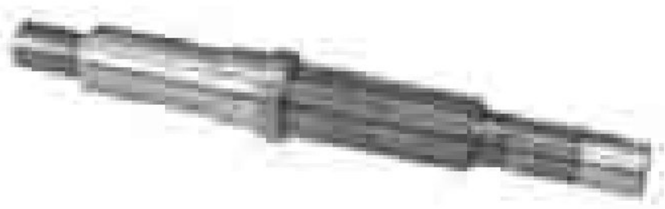
28-1432
Insulator - Rotor
For: Delco CS130D Series IR/IF Alternators
Note: Used w/ 28-1413 or 28-1413-1 rotor fans
Features:
• OE design



28-1432-1
Insulator - Rotor
Same as 28-1432 except...
Features:
• Aftermarket design



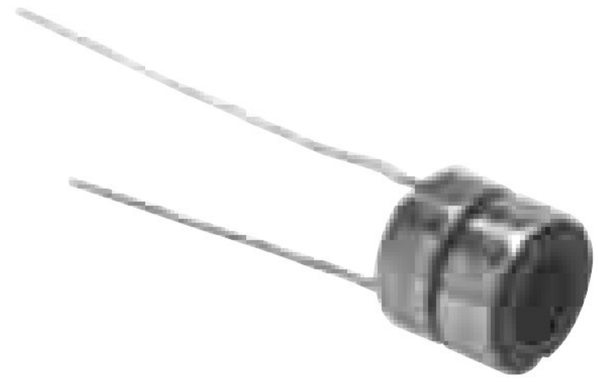
28-1705
Shaft - Rotor
For: Delco CS130 Series IR/EF Alternators
Replaces: Ref# GS-2952
Note: Used in 28-124 rotor

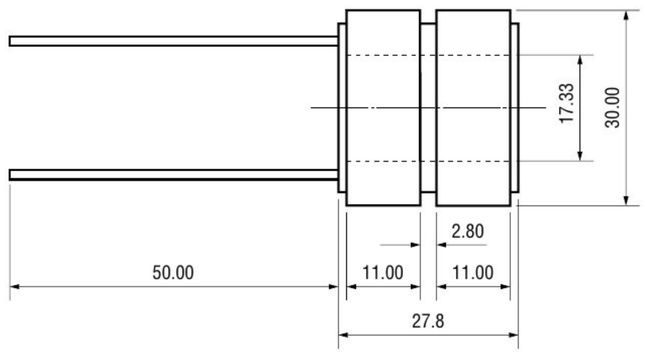


28-1711
Shaft - Rotor
For: Delco 21SI Series IR/EF Alternators
Replaces: Delco 10467266, Ref# GS-2957
Note: Used in 28-129, 28-131, 28-135 Rotors. Used w/ short 8-119 Needle Bearing.



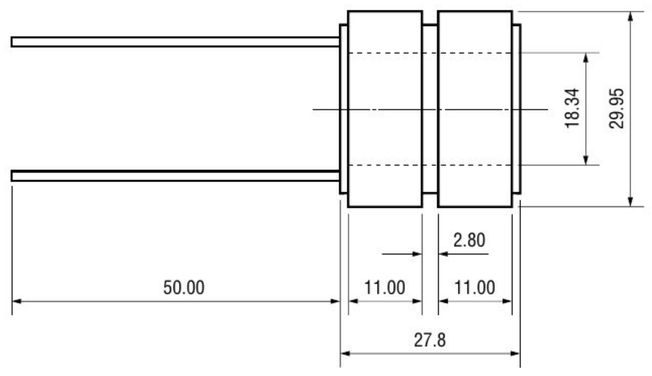
28-1714
Shaft - Rotor
For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10477840, 10492793; Ref# GS-2967
Note: Used in 28-137, 28-138, 28-139, 28-140, 28-141, 28-142 Rotors. Used w/ long 8-109 Needle Bearing.





28-1852-1
Slip Ring
For: Delco 10SI*, 12SI, 15SI, 17SI, 21SI, 27SI*, CS144 Series IR/EF Alternators
Dim: 17.3mm ID x 30.0mm OD
Note: *Used in late style rotors w/ 17.3mm slip ring knurl
Features:
• Mfd. by aftermarket supplier



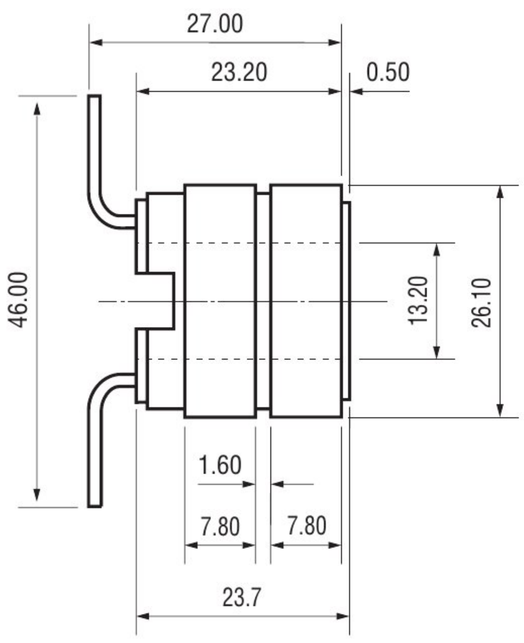


28-1853
Slip Ring
For: Delco 10DN, 10SI, 27SI Series IR/EF Alternators
Dim: 18.3mm ID x 30mm OD
Note: Used in early style rotors w/ 18.3mm slip ring knurl

ALTERNATOR - ROTOR PARTS (28-)

DELCO (cont'd)





28-1854
Slip Ring

For: Delco CS121, CS130 Series IR/EF Alternators
Replaces: Delco 1989640
Dim: 13.2mm ID x 26.1mm OD
Note: Used in 28-124 rotor



28-1854-1
Slip Ring

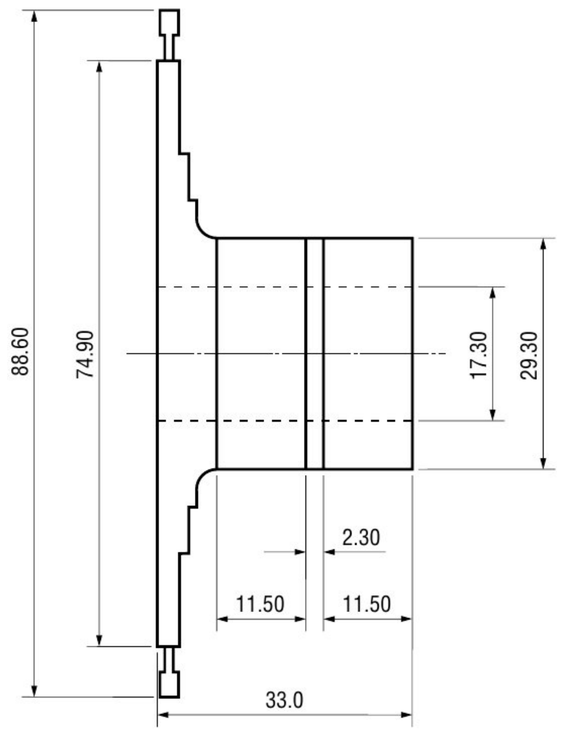
Same as 28-1854 except...
Features:
• Slotted leads



28-1854-2
Slip Ring

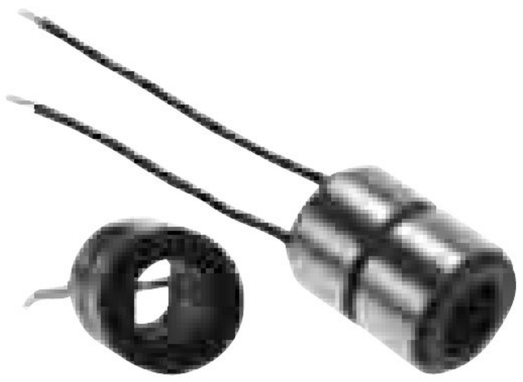
Same as 28-1854 except...
Features:
• Channeled leads for welding





28-1855
Slip Ring

For: Delco 15SI, 17SI; CS144 Series 124-145A IR/EF Alternators
Dim: 17.3mm ID x 29.3mm OD
Note: Used in 28-133 rotor



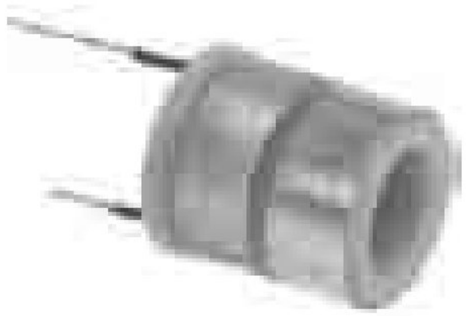
28-1856
Slip Ring

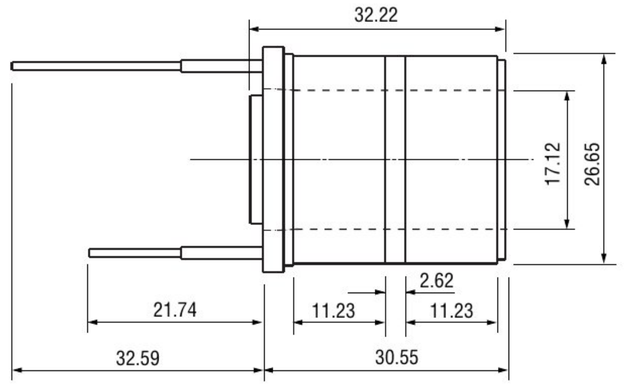
For: Delco CS130D Series IR/IF Alternators
Replaces: Delco 10475750
Dim: 7.1mm ID x 14.3mm OD
Note: 28-1856 is used on most CS130D rotors w/ 11-blade or 16-blade black-color plastic fan.
For late style CS130D rotors with 16-blade tan-color plastic fan use 28-1860 slip ring.



28-1856-2
Slip Ring

Same as 28-1856 except...
Note: 28-1856-2 has the lead insulation pre-stripped for installation.

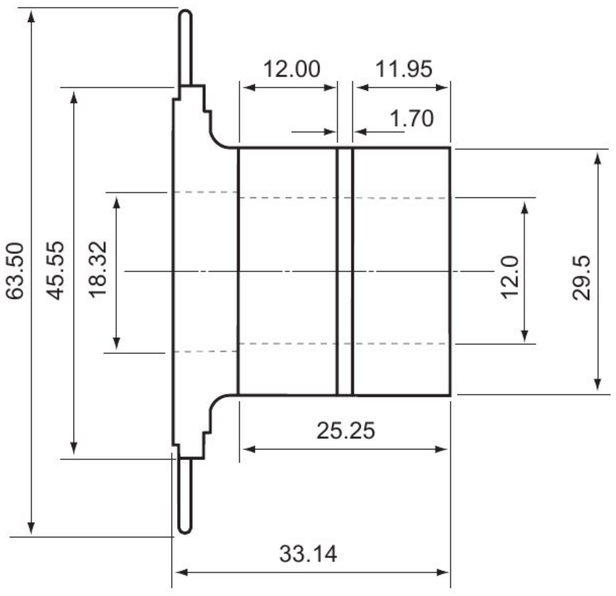




28-1858
Slip Ring

For: Delco 22SI Series IR/EF Alternators
Replaces: Delco 10492757
Dim: 26mm OD x 32.8mm L
Note: Used in 28-139, 28-140 rotors





28-1859
Slip Ring

For: Delco CS144 Series IR/EF Alternators
Note: Used on later style CS144 rotor. Similar to 28-1855 except lead size. 28-1855 is used on earlier style rotors.



28-1860
Slip Ring - Rotor

For: Delco AD230, AD237, AD244, CS130D* Series IR/IF Alternators
Dim: 7.1mm ID x 14.2mm OD
Note: *28-1860 is used on late style CS130D rotors w/ 16-blade tan-color plastic fan.
For early style CS130D rotors with 11-blade or 16-blade black-color plastic fans use 28-1856 slip ring.



GS-2942
Shaft - Rotor

For: Delco 25SI, 26SI, 30SI, 33SI, 34S IR/EF Alternators
Note: Used in 28-109 rotor

FORD



28-2206
Rotor Coil
95 Amp/12 Volt

For: Ford 3G Series 75-95A IR/IF Alternators
Note: Used in 28-208 rotor
Components:
28-2303 Bobbin



28-2207
Rotor Coil
130 Amp/12 Volt

For: Ford 3G Series 130A IR/IF Alternators
Note: Used in 28-209 rotor
Components:
28-2304 Bobbin



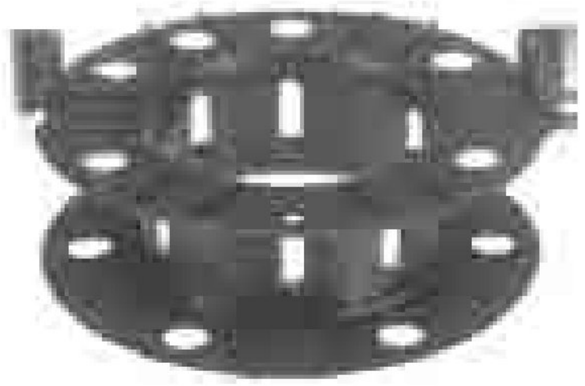
28-2301
Bobbin - Rotor

For: Ford 1G Series ER/EF Alternators



28-2303
Bobbin - Rotor

For: Ford 3G Series 75-95A IR/IF Alternators
Note: Used in 28-2206 rotor coil



28-2304
Bobbin - Rotor

For: Ford 3G Series 130A IR/IF Alternators
Note: Used in 28-2207 rotor coil



28-2305
Bobbin - Rotor

For: Ford 2G Series 80A IR/EF Alternators
Note: Used in 28-207-9 rotor

ALTERNATOR - ROTOR PARTS (28-)

FORD (cont'd)



28-2306
Bobbin - Rotor

For: Ford 4G Series IR/IF Alternators
Note: Used in 28-210 Rotor



28-2307
Bobbin - Rotor

For: Ford 6G Series 95-110A IR/IF Alternators
Note: Used in 28-212 rotor



28-2308
Bobbin - Rotor

For: Ford 6G Series 130-135A IR/IF Alternators
Note: Used in 28-211 rotor



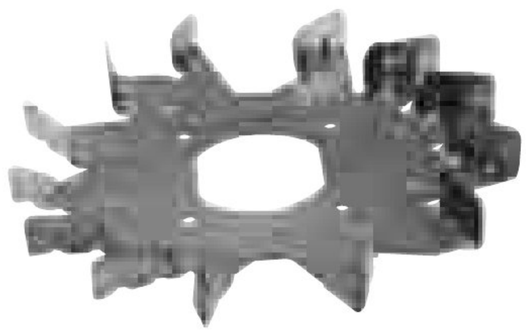
28-2400
Retaining Ring - Rotor

For: Ford 1G Series ER/EF; 2G Series IR/EF; 3G Series IR/IF Alternators
Replaces: Ford E6AZ-10370-A, GY-1361



28-2404
Collar - Slip Ring

For: Ford 1G Series Truck 65-90A ER/EF Alternators
Dim: 17.3mm (.686 in) ID
Note: Used w/ 28-2851-1 slip ring on aftermarket design rotor shafts.
For OE design rotor shafts use 28-2854 slip ring.



28-2411
Fan - Rotor (S.R.E)

For: Ford 4G Series IR/IF Alternators
Note: Used in 28-210 Rotor



28-2412
Fan - Rotor (D.E.)

For: Ford 4G Series IR/IF Alternators
Note: Used in 28-210 Rotor



28-2700
Shaft - Rotor

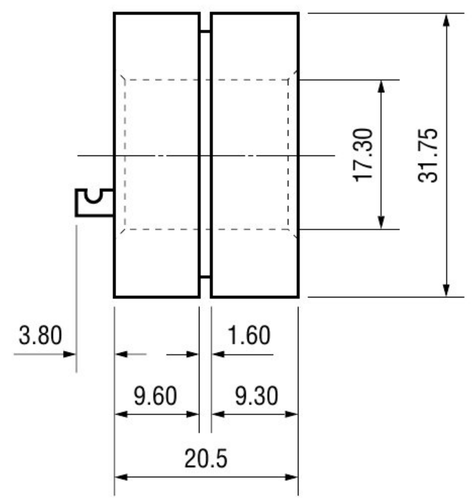
For: Ford 2G Series IR/EF Alternators
Note: Used in 28-206, 28-207 rotors



28-2704
Shaft - Rotor

For: Ford 3G Series IR/IF Alternators
Dim: .668-20 Shaft Threads
Note: Used in 28-208, 28-209 rotors

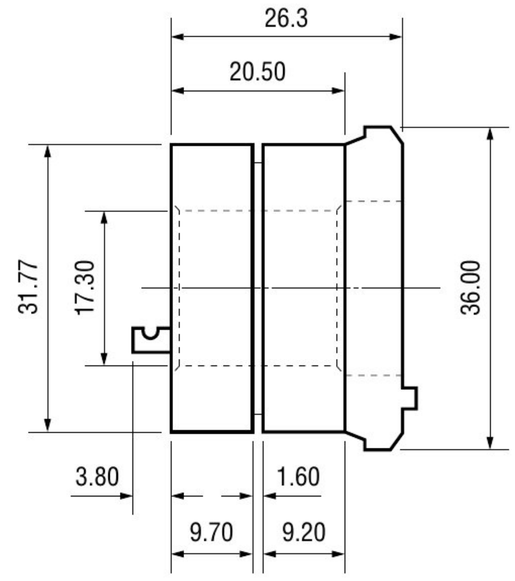




28-2851-1
Slip Ring

For: Ford 1G Series 40-651G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford C3SZ-10328-A
Dim: 17.3mm ID x 31.7mm OD
Note: Used in 28-205 rotors
Features:
- Split slip ring

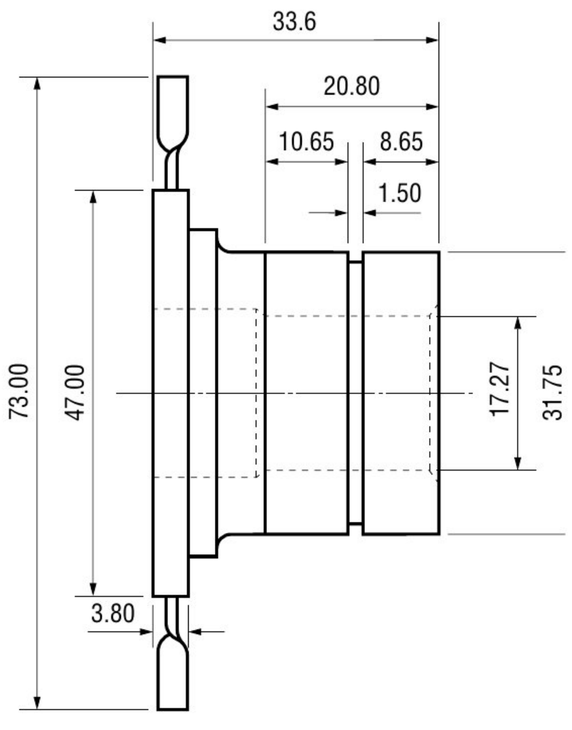




28-2852-1
Slip Ring

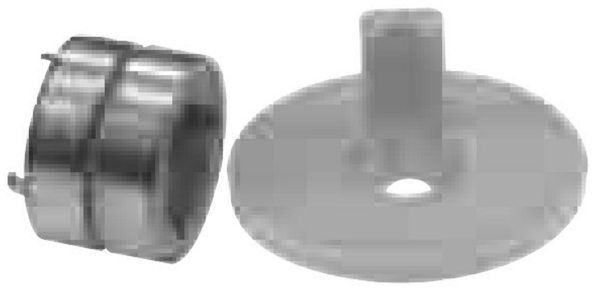
For: Ford 1G Series 70-100A ER/EF Alternators
Replaces: Ford E7AZ-10328-A
Dim: 17.3mm ID x 31.8mm OD
Note: Used in 28-202-9 rotor
Features:
• Split slip ring

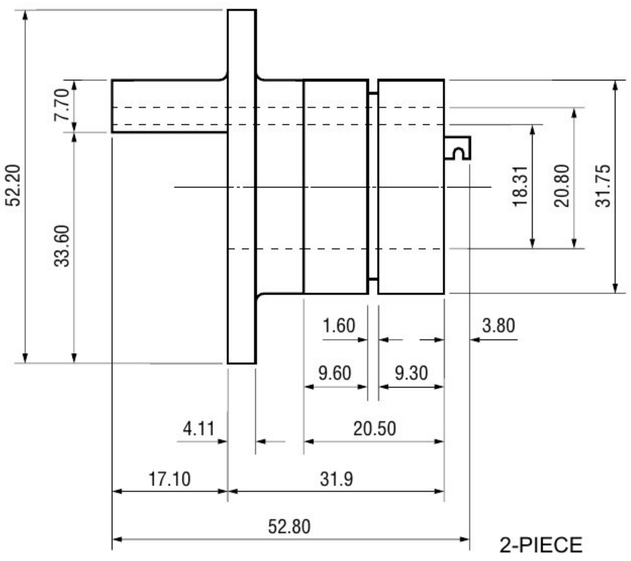




28-2853-1
Slip Ring

For: Ford 2G Series IR/EF Alternators
Dim: 17.3mm ID x 31.8mm OD
Note: Used in 28-206, 28-207-9 rotors
Features:
• Split slip ring

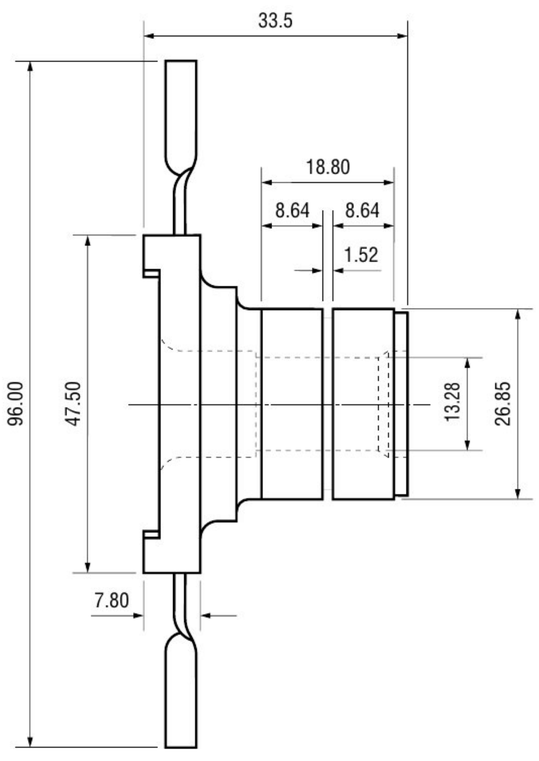




28-2854
Slip Ring

For: Ford 1G Series Truck 65-90A ER/EF Alternators
Dim: 18.3mm ID x 31.8mm OD
Features:
• 2-piece design





28-2855-1
Slip Ring

For: Ford 3G Series IR/IF Alternators
Dim: 13.3mm ID x 26.9mm OD x 27mm LL
Note: Leads extend 101mm from end to end - same as OE.
For longer leads use 28-2855-3 when soldering to the larger 130 Amp rotors.
Features:
• Split slip ring
• Straight leads, 101mm from end to end



28-2855-2
Slip Ring

Same as 28-2855-1 except...
Features:
• U-shaped leads for ease of installation



28-2855-3
Slip Ring

Same as 28-2855-1 except...
Note: Same as 28-2855-1 except 28-2855-3 leads extend 113mm from end to end, providing extra lead length to bend and solder on the larger 130 Amp rotors.



28-2857
Slip Ring

For: Ford 4G Series IR/IF Alternators
Dim: 6.0mm ID x 16.0mm OD x 34mm LL
Note: Used in 28-210 rotor
Features:
• Split slip ring

ALTERNATOR - ROTOR PARTS (28-)

FORD (cont'd)



28-2858
Repair Slip Ring

For: Ford 4G Series IR/IF Alternators
Dim: 14.73 ID x 16.89 OD x 7.62 L
Note: 2-required per rotor.
To install:
- Cut old slip ring OD to .570"
- Clean repair ring ID and apply soldering flux to old slip ring OD.
- Position repair ring over old slip ring using the 4-locating tabs on the repair ring to hold it in place.
- Dip in solder pot (700° F) or heat slip ring and apply solder.
- Allow to cool and cut slip ring OD to .615"

Features:
- Copper

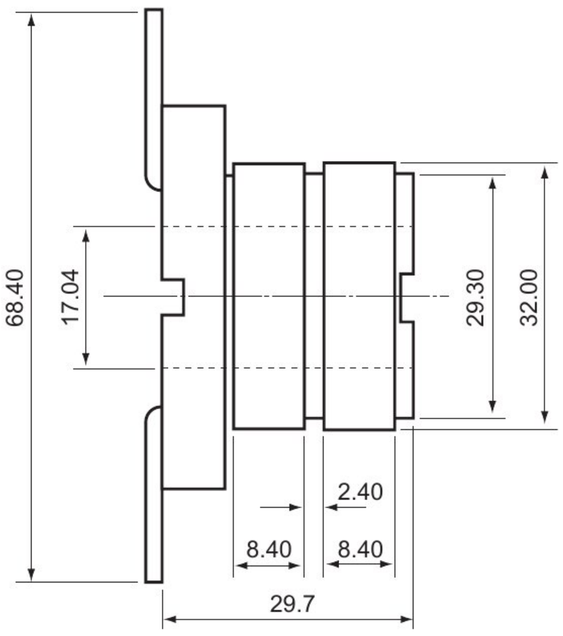


28-2859
Slip Ring

For: Ford 6G Series IR/IF Alternators
Dim: 13.4mm ID x 27.0mm OD x 30mm LL
Note: Used in 28-211, 28-212 rotors

HITACHI

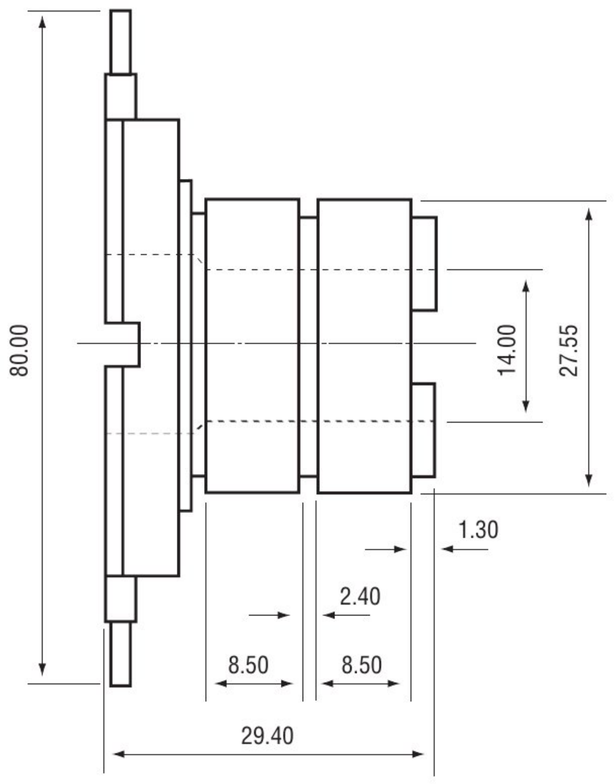




28-81851
Slip Ring

For: Hitachi IR/IF Alternators
Unit Nos: Hitachi LR170-713; LR170-721, B; LR180-704; LR180-705, B; LR180-724; LR190-704, B; LR190-706, LR190-707; LR190-709, B; LR190-711, LR190-714
Lester Nos: 13262, 13324, 14651, 14661, 14752
WAI Ref. Nos: 1-1107-01HI, 1-1122-01HI, 1-1477-01HI, 1-1533-01HI, 1-2099-01HI, 1-2165-01HI
Dim: 17mm ID x 32mm OD

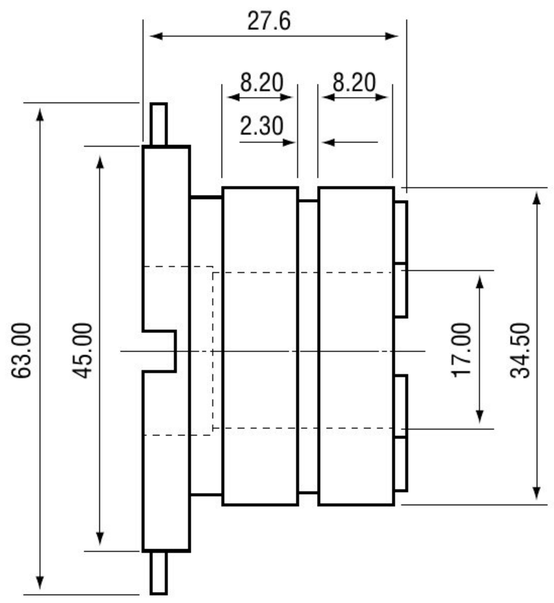




28-81852
Slip Ring

For: Hitachi IR/IF Alternators
Unit Nos: Hitachi LR150-703; LR150-704, H; LR160-715; LR160-718, H; LR165-704; LR165-707, B; LR170-714, LR170-715, LR170-716, LR170-717, LR180-715; LR180-718, B; LR180-719
Lester Nos: 13250, 13273, 13327, 14241, 14242, 14719, 14743, 14859, 14860, 14960, 14979
WAI Ref. Nos: 1-1098-01HI, 1-1102-01HI, 1-1120-01HI, 1-1125-01HI, 1-1126-01HI, 1-1126-02HI, 1-1128-01HI, 1-1232-01HI, 1-1233-01HI, 1-1249-01HI, 1-1258-01HI, 1-1880-01HI, 2-2166-01HI
Dim: 14mm ID x 27.5mm OD

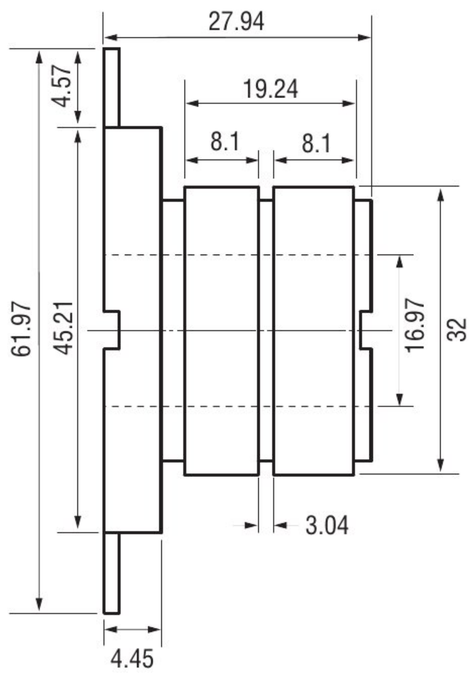




28-81854
Slip Ring

For: Hitachi IR/EF Alternators
Used On: (1985-83) Nissan
Unit Nos: Hitachi LR160-401
Lester Nos: 14653
WAI Ref. Nos: 1-1130-01HI
Dim: 17mm ID x 34.5mm OD



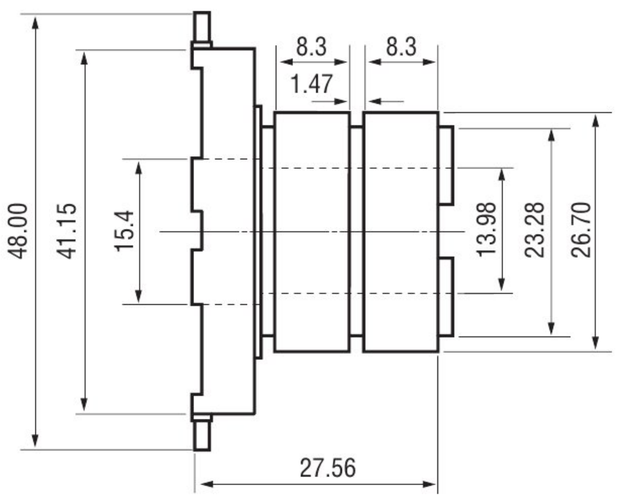


28-81855
Slip Ring

For: Hitachi IR/EF Alternators
Used On: (1994-78) Isuzu, Nissan, Subaru
(cont'd)

(cont'd)
Unit Nos: Hitachi LR135-61B, LR150-98B, LR150-99B, LR150-125B; LR150-133B, C, E; LR150-146B, C; LR150-155B, LR150-165, LR150-201B; LR150-205, B; LR160-78, B; LR160-82, B; LR160-93; LR160-97B, C; LR160-104, LR160-109, LR160-137, LR160-138, LR170-14, LR170-21
Lester Nos: 14231, 14255, 14300, 14301, 14303, 14586, 14587, 14588, 14592, 14613, 14615, 14648, 14649, 14665, 14721, 14730, 14742, 14744, 14745, 14751, 14858
WAI Ref. Nos: 1-1096-01HI, 1-1097-01HI, 1-1104-01HI, 1-1109-01HI, 1-1112-01HI, 1-1113-01HI, 1-1121-01HI, 1-1131-01HI, 1-1236-01HI, 1-1571-01HI, 1-1593-01HI, 1-1593-02HI
Dim: 17mm ID x 32mm OD

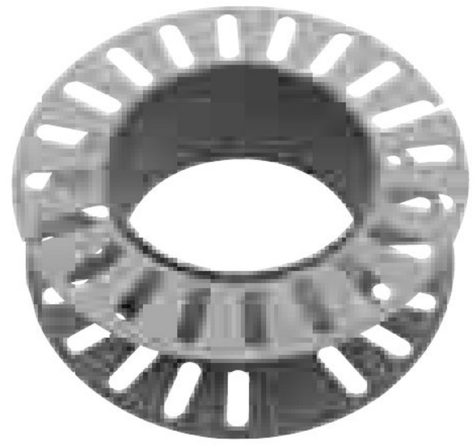




28-81856
Slip Ring

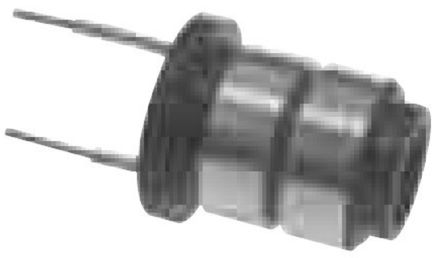
For: Hitachi 50-125A ED/IF, IR/IF Alternators
Lester Nos: 13273, 13285, 13287, 13327, 13329, 13334, 13531, 13533, 13564, 13612, 13636, 13637, 13638, 13639, 13640, 13641, 13642, 13643, 13644, 13645, 13657, 13712, 13713, 13724, 13728, 13744, 13757, 13760, 13775, 13778, 13788, 13789, 13825, 14859, 14960
Dim: 13.9mm ID x 26.7mm OD

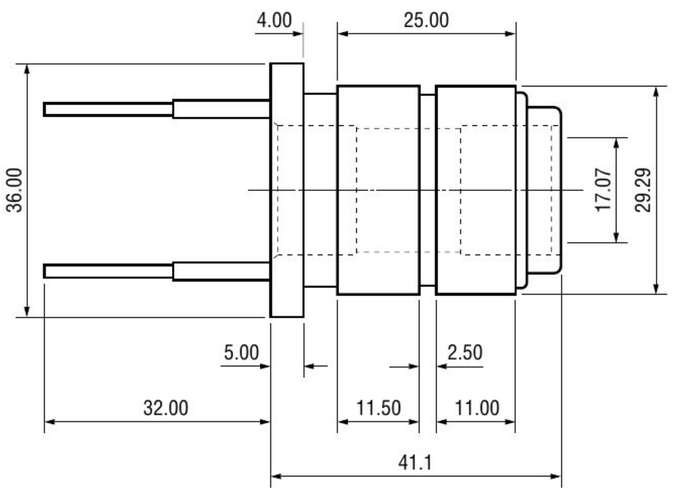
LEECE-NEVILLE



28-5300
Bobbin - Rotor

For: Leece-Neville 2300-2800JB Series IR/EF Alternators
Dim: 57mm ID





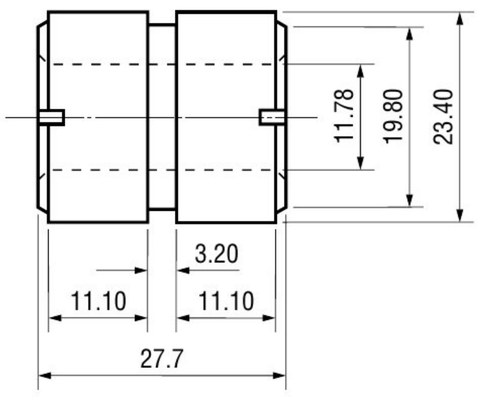
28-5851-2
Slip Ring

For: Leece-Neville 2300-2800JB Series IR/EF Alternators
Replaces: Leece-Neville 71189
Dim: 17.1mm ID x 29.3mm OD
Note: Used in 28-500-9, 28-501-9 rotors
Features:
- Universal design
- Brass material

ALTERNATOR - ROTOR PARTS (28-)

LEECE-NEVILLE (cont'd)





28-5852
Slip Ring

For: Leece-Neville 7000 Series IR/EF Alternators
Replaces: Leece-Neville 57462
Dim: 11.8mm ID x 23.4mm OD
Note: Used in 28-502 rotor

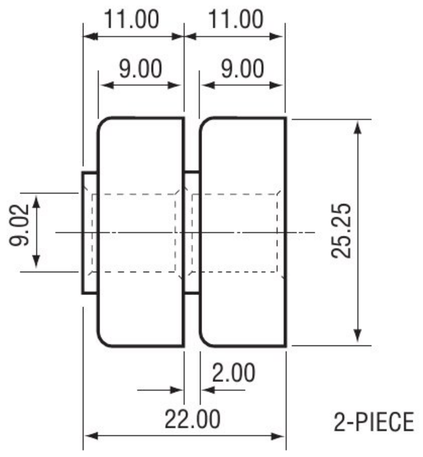


GS-2922
Shaft - Rotor

For: Leece-Neville 2500-2800JB Series IR/EF Alternators
Note: Used in 28-500, 28-501 rotors

LUCAS

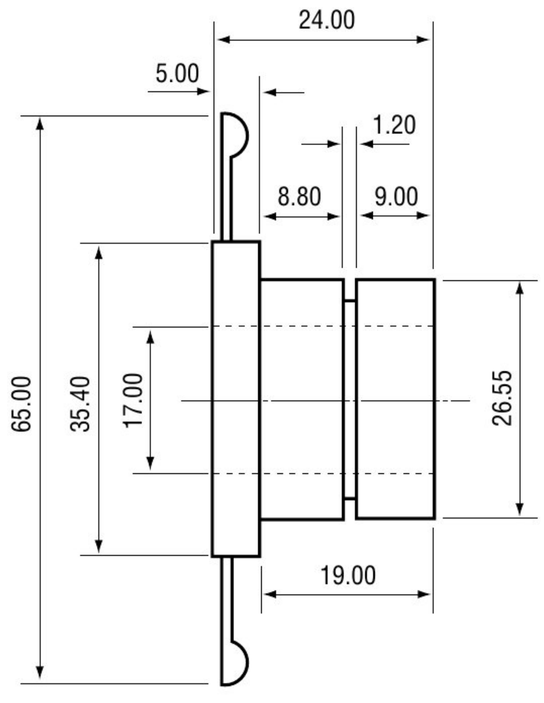




28-92851
Slip Ring

For: Lucas A115, A133 Series IR/EF Alternators
Lester Nos: 13145, 13146, 13163, 13164, 13436, 14092, 14095, 14561
WAI Ref. Nos: 1-1317-01LU, 1-1319-01LU, 1-1324-01LU, 1-1373-01LU, 1-1374-01LU, 1-1381-01LU, 1-1383-01LU, 1-1384-01LU, 1-1841-01LU
Dim: 9mm ID x 25.2mm



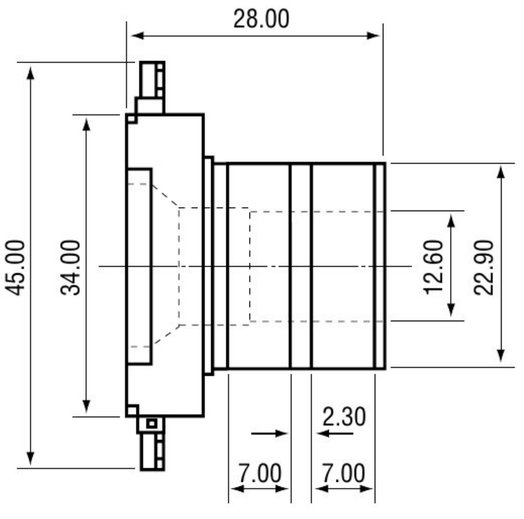


28-92852
Slip Ring

For: Lucas A127 Series IR/EF Alternators
Dim: 17mm ID x 26.5mm OD

MANDO

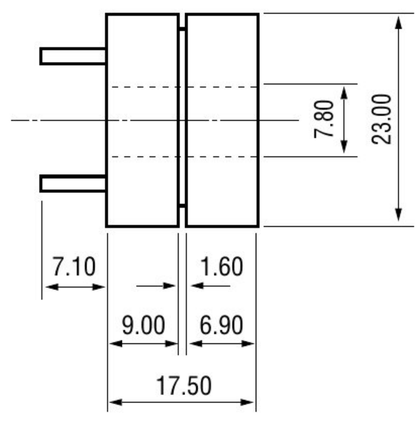




28-83851
Slip Ring

For: Mando 60-90A; Mitsubishi 45-120A IR/IF Alternators
Dim: 12.6mm ID x 22.9mm OD
Note: Similar to 28-83852 except 28-83852 has 13.5mm ID
Features:
- Copper



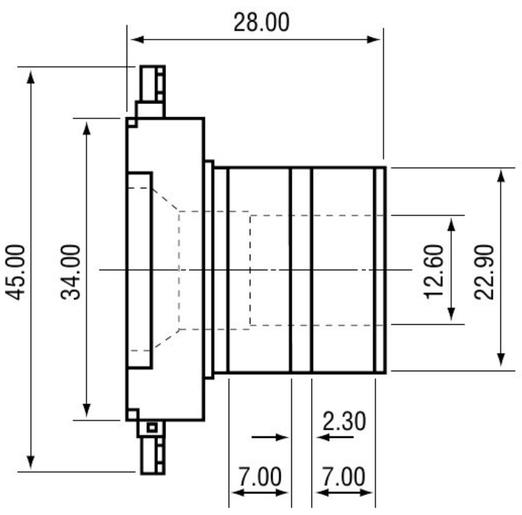


28-86850
Slip Ring

For: Mando IR/EF Alternators
Used On: Mercury Marine
Dim: 7.8mm ID x 23.8mm OD

MITSUBISHI





28-83851
Slip Ring

For: Mando 60-90A; Mitsubishi 45-120A IR/IF Alternators
Dim: 12.6mm ID x 22.9mm OD
Note: Similar to 28-83852 except 28-83852 has 13.5mm ID
Features:
- Copper

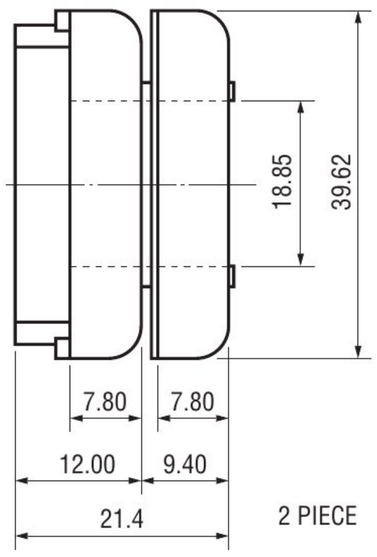


28-83852
Slip Ring

For: Mitsubishi ER/IF, IR/IF Alternators
Used On: (2005-91) Chevrolet, Chrysler, Dodge, Eagle, Ford, Geo, Honda, Infiniti, Mazda, Mercury, Mitsubishi, Nissan, Plymouth, Subaru, Suzuki
Lester Nos: 13336, 350, 432, 450, 451, 473, 478, 479, 559, 575, 580, 584, 585, 586, 587, 614, 616, 648, 649, 692, 698, 718, 723, 735
Dim: 13.5mm ID x 22.7mm OD
Note: Similar to 28-83851 except 28-83851 has 12.6mm ID

MOTOROLA

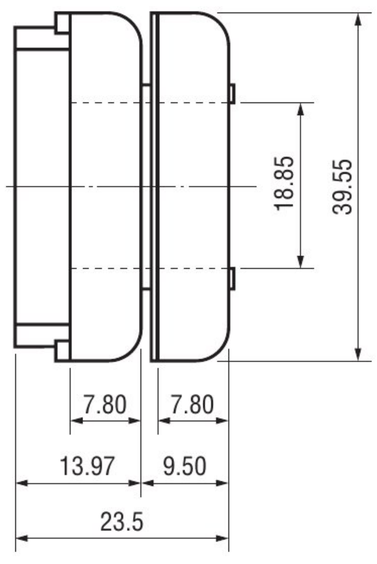




28-4850
Slip Ring - Rotor

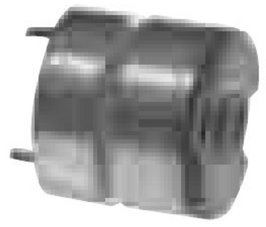
For: Motorola / Prestolite Alternators
Lester Nos: 7429
Dim: 18.9mm ID x 39.6mm OD x 21.4mm OAL (9.5mm L + 11.9mm L)
Note: Used in Motorola rotors 12-2. Similar to 28-4850-1 except that 28-4850-1 has 23.5mm OAL.
Features:
- 2-piece design

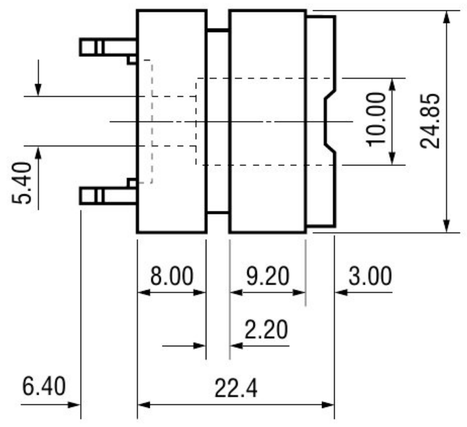




28-4850-1
Slip Ring - Rotor

For: Motorola / Prestolite Alternators
Lester Nos: 7427, 7441
Dim: 18.9mm ID x 39.6mm OD x 23.5mm OAL (9.5mm L + 14.0mm L)
Note: Used in Motorola rotors 12-1. Similar to 28-4850 except that 28-4850 has 21.4mm OAL.
Features:
- 2-piece design



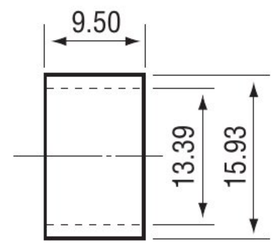


28-4851
Slip Ring

For: Motorola / Prestolite Alternators
Replaces: Motorola 12-22; Prestolite 112-22
Dim: 10mm ID x 24.9mm OD
Note: Used in Motorola rotors 12-8, 12-21, 12-23, 12-27, 12-28, 12-32, 12-40, 12-52, 12-55, 12-56, 12-65, 12-66 & others
Features:
- 1-piece design

NIPPONDENSO



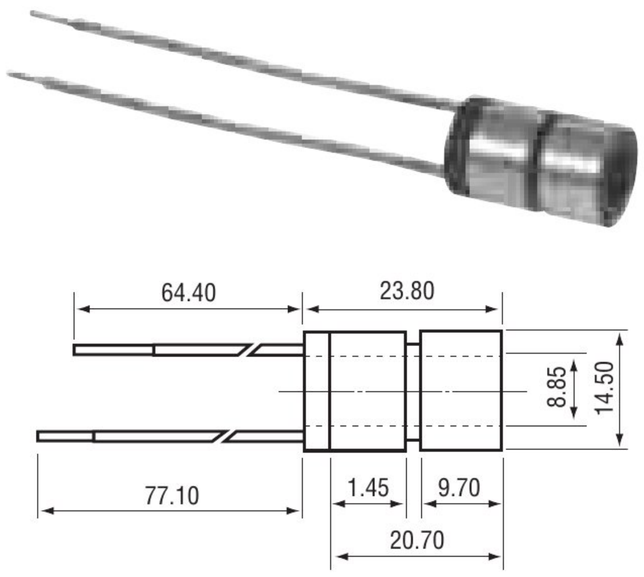


28-82850
Repair Slip Ring

For: Nippondenso 40/90, 50/120A ER/IF; 45-80A IR/IF Alternators
Dim: 13.4mm ID x 15.9mm OD x 9.5mm L
Note: 2-required per rotor.
To install:
- Cut old slip ring OD to .510" (+/- .005")
- Attach repair ring by dipping into solder pot, heating soldering paste or applying solder.
- Cut cooled slip ring to .590" (+/- .015")

ALTERNATOR - ROTOR PARTS (28-)

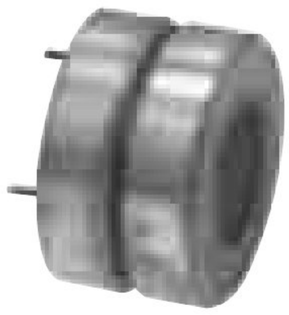
NIPPONDENSO (cont'd)

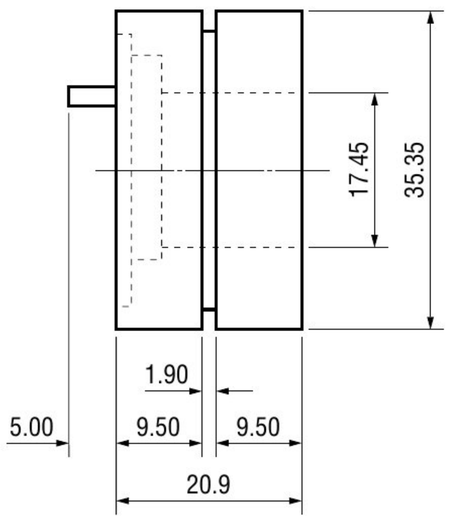


28-82853
Slip Ring

For: Nippondenso 40/90, 50/120A ER/IF; 45-80A IR/IF Alternators
Dim: 8.8mm ID x 14.5mm OD
Note: To repair slip ring use 28-82850 repair ring

PRESTOLITE

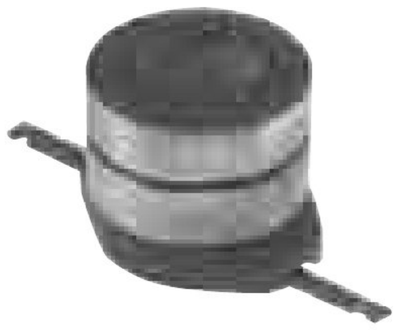


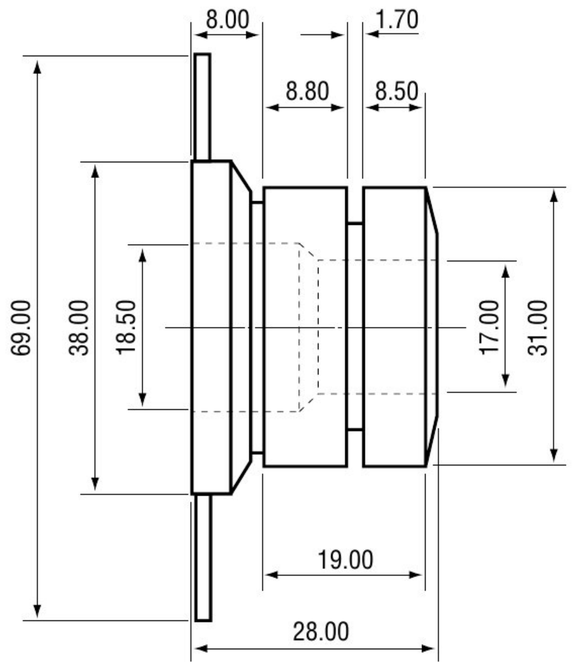


28-6851
Slip Ring

For: Prestolite ANB Series Alternators
Dim: 17.4mm ID x 35.3mm OD

VALEO

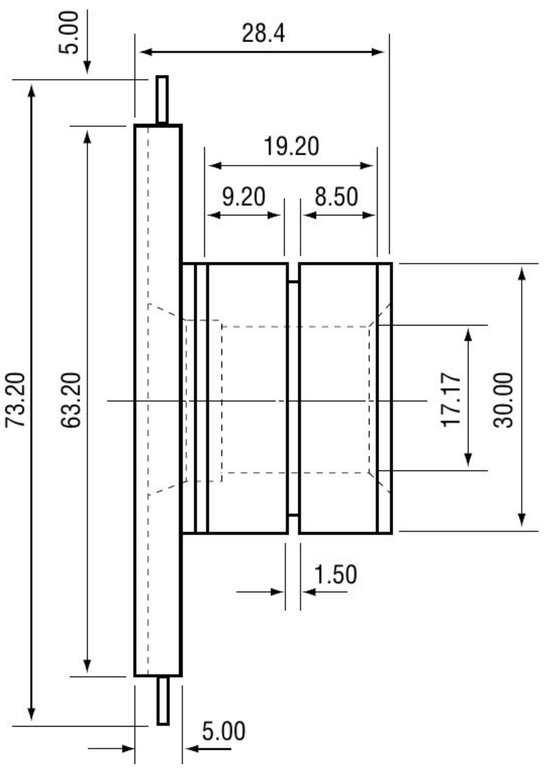




28-94850
Slip Ring

For: Paris Rhone / Valeo IR/EF Alternators
Unit Nos: Paris Rhone / Valeo A14N51, A14N56, A14N77
Lester Nos: 14331, 14899, 14963
WAI Ref. Nos: 1-1306-01PR, 1-1307-01PR
Dim: 17mm ID x 31mm OD





28-94865
Slip Ring

For: Paris Rhone / Valeo Alternators
Dim: 17.2mm ID x 30.0mm OD

BOSCH



41-91303
Mounting Bushing - D.E. Frame

For: Bosch 469, 489 Series IR/EF Alternators
Used On: (1991-70) BMW, Volvo
Replaces: Bosch 1-120-321-000, 1-120-321-008
Unit Nos: Bosch 0-120-400-630, -631, -752, -753; 0-120-469-882, -883, -935; 0-120-489-030, -031, -036, -037, -038, -039, -040, -045, -046, -167, -191, -533, -534, -543, -544, -606, -607, -608, -618, -619, -646, -647, -648, -718
Lester Nos: 13018, 13101, 13102, 13113, 13150, 13603
WAI Ref. Nos: 1-1263-01BO, 1-1267-01BO, 1-1268-01BO, 1-1273-01BO, 1-1301-01BO
Dim: 15mm ID x 21mm OD x 8.5mm L
Note: Rubber material



41-91304
Mounting Bushing - D.E. Frame

For: Bosch 469, 489 Series IR/EF Alternators
Used On: (1991-70) BMW
Replaces: Bosch 1-120-323-000, 1-120-323-002
Unit Nos: Bosch 0-120-400-630, -631, -752, -753; 0-120-469-538, -539, -560, -561, -593, -617, -618, -619, -782, -783, -804, -805, -806; 0-120-489-030, -031, -036, -037, -038, -039, -040, -045, -046, -167, -191, -533, -534, -543, -544, -606, -607, -608, -618, -619, -646, -647, -648, -718
Lester Nos: 13018, 13101, 13102, 13113, 13150, 13246, 14782
WAI Ref. Nos: 1-1263-01BO, 1-1264-01BO, 1-1265-01BO, 1-1267-01BO, 1-1268-01BO, 1-1273-01BO
Dim: 15mm ID x 23mm OD x 20mm L
Note: Rubber material



41-91500
O-Ring - S.R.E. Frame

For: Bosch 400, 450 Series ER/EF; 469, 489 Series IR/EF Alternators
Used On: (1992-70) Audi, BMW, Chrysler, Dodge, Fiat, Lancia, Mercedes, Peugeot, Plymouth, Saab, VW, Volvo
Replaces: Bosch 1-120-210-001
Lester Nos: 13036, 055, 056, 093, 094, 101, 109, 112, 119, 129, 147, 151, 152, 153, 154, 156, 159, 172, 191, 236, 315, 607; 14057, 391, 392, 395, 410, 412, 421, 595, 605, 765, 769, 779, 784, 787, 789, 797, 802, 803, 807, 820, 965, 969, 971
Dim:
31.5mm ID x 35mm OD x 1.5mm W
1-1/4" ID x 1-3/8" OD x 1/16" W



42-91104
Insulator - Battery Terminal

For: Bosch ER/EF Alternators
Used On: (1989-88) Chrysler, Dodge, Plymouth
Unit Nos: Bosch 0-120-400-949, 0-120-400-950, 0-120-400-951, 0-120-400-952, 0-120-400-953
Lester Nos: 13186, 13187
WAI Ref. Nos: 1-1495-00BO, 1-1495-01BO, 1-1495-02BO, 1-1496-00BO, 1-1496-01BO
Dim: 6mm ID



42-91105
Insulator - Battery Terminal

For: Bosch ER/EF Alternators
Used On: (1992-85) Chrysler, Dodge, Plymouth
Unit Nos: Bosch 0-120-450-011, 0-120-450-012, 0-120-450-013, 0-120-450-014, 0-120-450-016, 0-120-450-018, 0-120-450-019, 0-120-450-020, 0-120-450-021, 0-120-450-022, 0-120-450-023, 0-120-450-024, 0-120-450-025
Lester Nos: 13315, 14789
WAI Ref. Nos: 1-1489-01BO, 1-1581-00BO, 1-1581-01BO, 1-1581-02BO, 1-2196-00BO, 1-2196-01BO
Dim: 8mm ID



42-91106
Insulator - Battery Terminal

For: Bosch IR/EF Alternators
Used On: (1993-84) Audi, Merkur, VW
Unit Nos: Bosch 0-120-469-631, -633, -638, -654, -671, -672, -675, -696, -697, -698, -700, -701, -702, -703, -704, -705, -706, -707, -708, -711, -712, -727, -728, -731, -734, -736, -873
Lester Nos: 14396, 14778, 14806, 14821, 14822
WAI Ref. Nos: 1-1168-01BO, 1-1388-00BO, 1-1397-01BO, 1-1461-00BO, 1-1461-01BO, 1-1471-01BO
Dim: 8mm ID

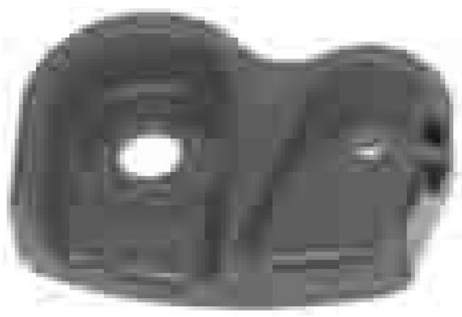
ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

BOSCH (cont'd.)



42-91304
Insulator - Battery/Trio Terminals

For: Bosch IR/EF Alternators
Used On: (1996-86) Audi, Jaguar, VW, Volvo
Unit Nos: Bosch 0-120-468-017, 0-120-468-019, 0-120-468-025, 0-120-469-689, 0-120-469-742, 0-120-469-768, 0-120-469-793, 0-120-469-864, 0-120-469-976, 0-120-489-360, 0-120-489-365, 0-120-489-378
Lester Nos: 13242, 13244, 13260, 13360, 13369, 13374, 14396, 14798, 14799, 14806, 14818, 14970, 14972, 14997
WAI Ref. Nos: 1-1297-01BO, 1-1325-01BO, 1-1351-02BO, 1-1387-01BO, 1-1388-00BO, 1-1389-01BO, 1-1399-01BO, 1-1400-01BO, 1-1401-01BO, 1-1463-01BO, 1-1467-01BO, 1-1476-01BO
Dim: 8mm Batt. Term. Hole
5mm Slotted Trio Term. Hole



42-91307
Insulator - Battery/Trio Terminals

For: Bosch IR/EF Alternators
Used On: (1995-77) Audi, BMW, Mercedes, Merkur, Porsche, Saab, VW
Unit Nos: Bosch 0-120-468-057, -058, -060; 0-120-469-559, -560, -566, -588, -633, -638, -654, -661, -662, -671, -672, -675, -683, -684, -685, -689, -696, -697, -698, -700, -701, -702, -703, -704, -705, -706, -707, -708, -709, -711, -712, -727, -728, -731, -734, -736, -744, -745, -754, -757, -758, -759, -777, -779, -782, -783, -804, -805, -806, -811, -831, -832, -839, -873, -881, -888, -889; 0-120-489-362
Lester Nos: 13243, 13246, 13363, 13367, 14059, 14396, 14778, 14782, 14783, 14791, 14806, 14812, 14813, 14821, 14822, 14825, 14944, 14964, 14966, 14970, 14972, 14996
Dim: 8mm Batt. Term. Hole
5mm Trio Term. Hole



42-91310
Insulator - Rectifier (Int.)

For: Bosch ER/EF Alternators
Used On: (1992-85) Chrysler, Dodge, Plymouth
Unit Nos: Bosch 0-120-450-011, 0-120-450-012, 0-120-450-014, 0-120-450-018, 0-120-450-019, 0-120-450-020, 0-120-450-021, 0-120-450-022, 0-120-450-023, 0-120-450-024, 0-120-450-025
Lester Nos: 13315, 14789
WAI Ref. Nos: 1-1489-01BO, 1-1581-00BO, 1-1581-01BO, 1-1581-02BO, 1-2196-00BO, 1-2196-01BO
Dim: 8mm ID



46-91100
Capacitor

For: Bosch 400, 450 Series ER/EF; 468, 469, 484, 489 Series IR/EF Alternators
Used On: (1998-70) Alfa Romeo, Audi, BMW, Chrysler, Dodge, Fiat, Ford, Hyundai, Jaguar, Lancia, Mercedes, Mercury, Merkur, Peugeot, Plymouth, Porsche, Saab, VW, Volvo
Replaces: Bosch 0-290-800-036
Lester Nos: 13033, 036, 039, 050, 055, 071, 073, 079, 093, 094, 101, 107, 109, 112, 113, 116, 129, 138, 147, 150, 151, 152, 159, 186, 187, 191, 235, 242, 243, 244, 246, 247, 260, 281, 315, 360, 361, 363, 364, 366, 367, 369, 370, 372, 373, 374, 375, 378, 469, 528, 602, 603, 604, 607; 14046, 048, 049, 057, 395, 396, 410, 412, 539, 595, 605, 765, 778, 779, 782, 783, 787, 789, 791, 797, 799, 812, 813, 818, 821, 822, 825, 876, 944, 956, 964, 965, 969, 970, 971, 972, 988, 997, 997
Dim: 2.2MF



46-91154
Battery Terminal

For: Bosch ER/EF Alternators
Used On: (1992-85) Chrysler, Dodge, Plymouth
Unit Nos: Bosch 0-120-450-011, -012, -013, -014, -016, -017, -018, -019, -020, -021, -022, -023, -024, -025
Lester Nos: 13315, 14789
WAI Ref. Nos: 1-1489-01BO, 1-1581-00BO, 1-1581-01BO, 1-1581-02BO, 1-2196-00BO, 1-2196-01BO
Dim: M8 x 1.25 x 29mm L,
M6 x 1.0 x 18mm L
Note: Universal design, will replace either long or short version of Chrysler 40/90 battery terminals



46-91400
Cover - S.R.E. Frame

For: Bosch IR/IF Alternators
Used On: (2002-92) VW
Replaces: Bosch 1-125-500-108, 1-125-500-128
Unit Nos: Bosch 0-120-485-034, -036, -038, -039, -043; 0-123-310-001, -002, -003, -032, -037; 0-123-315-001, -002, -006; 0-123-320-001, -002, -005, -007, -018, -027, -034; 0-123-340-002, -003, -005
Lester Nos: 13380, 13381, 13605, 13606, 13832
WAI Ref. Nos: 1-1539-00BO, 1-1539-01BO, 1-1539-02BO, 1-1808-01BO, 1-1809-01BO, 1-1813-01BO, 1-1813-02BO
Dim: 116mm ID
Note: Without battery-terminal insert



46-91403
Cover - S.R.E. Frame
For: Bosch IR/IF Alternators
Used On: (1998-93) Volvo
Replaces: Bosch 1-125-500-135
Unit Nos: Bosch 0-123-500-006, 0-123-510-017; 0-123-545-001, -002, -003
Lester Nos: 13520, 13541, 13542, 13632
WAI Ref. Nos: 1-1816-01BO, 1-1816-02BO, 1-1827-01BO, 1-1827-02BO, 1-1908-01BO
Dim: 133mm ID
Note: Without battery-terminal insert



46-91550
Tolerance Ring
For: Bosch ER/EF, IR/EF Alternators
Used On: (1998-74) Alfa Romeo, Audi, BMW, Chrysler, Dodge, Ford, Hyundai, Jaguar, Mercedes, Mercury, Plymouth, Pontiac, Porsche, Saab, VW, Volvo
Replaces: Bosch 1-120-591-082
Dim: 32mm ID x 35mm OD x 18mm OAL
Note: Used w/ 6201 ball bearing w/ 12mm ID x 32mm OD x 10mm W



46-91551
Tolerance Ring
For: Bosch ER/EF, IR/EF Alternators
Used On: (1997-85) Alfa Romeo, Audi, BMW, Jaguar, Mercedes, Merkur, VW; Thermo King
Replaces: Bosch 1-120-591-075
Dim: 32mm ID x 35mm OD x 42mm OAL
Note: Used w/ 6201 ball bearing w/ 12mm ID x 32mm OD x 10mm W

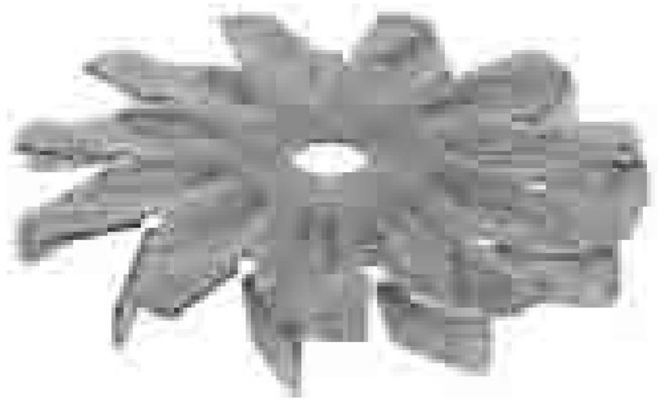


46-91552
Tolerance Ring
For: Bosch IR/IF Alternators
Used On: (2005-91) Alfa Romeo, Audi, BMW, Cadillac, Mercedes, Saab, VW, Volvo, Winnebago
Replaces: Bosch 1-120-591-103
Dim: 40mm ID x 43mm OD x 16.5mm OAL
Note: Used w/ 6203 ball bearing w/ 17mm ID x 40mm OD x 12mm W

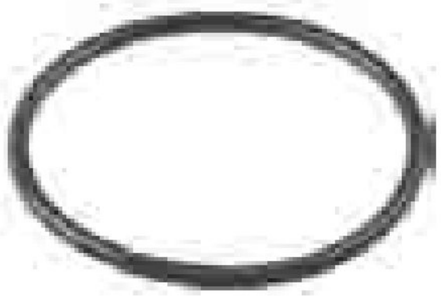


46-91800
Wire Harness
For: Bosch ER/EF Alternators
Used On: Volvo
Unit Nos: Bosch 0-120-400-933, 0-120-450-008
Lester Nos: 13161, 14070
WAI Ref. Nos: 1-1290-01BO, 1-1536-01BO
Note: Also used to convert WAI Ref# 1-1289-01BO to 1-1290-01BO Lester No. 14539 to 14070

CHRYSLER



25-300
Fan
For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 5226458
Dim: 17mm ID x 146mm OD



41-3500
O-Ring - S.R.E. Frame
For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 6032831
Dim:
39.3mm ID x 44.5mm OD x 2.6mm T
1-9/16" ID x 1-3/4" OD x 3/32" T
Note: Used w/ 39-300, 39-301 brush holder assys.



42-3100
Insulator - Heat Sink
For: Chrysler Round Back ER/IF Alternators
Replaces: Chrysler 2095241
Dim: 6.5mm (1/4") ID
Note: Mica material

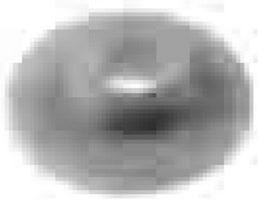


42-3101
Insulator - Heat Sink
For: Chrysler Square Back ER/IF Alternators
Replaces: Chrysler 3438716
Dim: 5mm (No. 10) ID
Note: Mica material



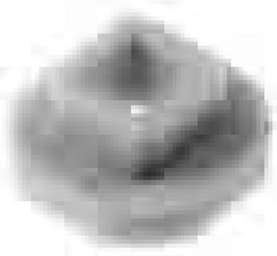
42-3300
Insulator - Capacitor Post
For: Chrysler Round Back ER/IF Alternators
Dim: 6.5mm (1/4") ID

CHRYSLER (cont'd.)



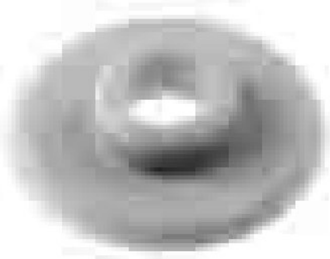
42-3301
Insulator - Capacitor

For: Chrysler Square Back ER/IF Alternators
Replaces: Chrysler 3438718
Dim: 5mm (No. 10) ID



42-3302
Insulator - Battery Terminal

For: Chrysler Square Back ER/IF Alternators
Replaces: Chrysler 3438715
Dim: 6.5mm (1/4") ID Square Hole



42-3303
Insulator - Battery Terminal

For: Chrysler Square Back ER/IF; Chrysler 100-114A ER/EF Alternators
Replaces: Chrysler 3874287
Dim: 6.5mm (1/4") ID



42-3304
Insulator - Stator Leads

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 5226148



46-3100
Capacitor

For: Chrysler Round Back ER/IF Alternators
Replaces: Chrysler 2098385
Dim: .5MF
1/4-20 Thd.
5mm (No. 10) Eyelet
41mm (1-5/8") Lead Length



46-3101
Capacitor

For: Chrysler Square Back ER/IF Alternators
Replaces: Chrysler 3438725, 3620793, 4091397
Dim: .5MF
7mm (9/32") Eyelet



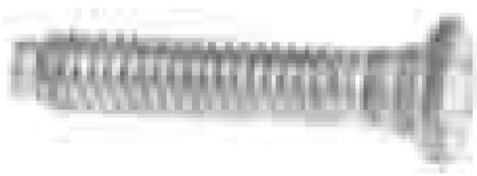
46-3102
Capacitor

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 4433021, 5226137
Dim: .5MF
7mm (9/32") Eyelet



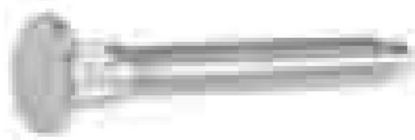
46-3150
Stud - Capacitor

For: Chrysler Square Back ER/IF Alternators
Replaces: Chrysler 3438717
Dim: 10-24 x 7/8 L



46-3151
Battery Terminal

For: Chrysler Square Back ER/IF Alternators
Replaces: Chrysler 3874274
Dim: 1/4-20 x 1-5/16 L



46-3154
Terminal Post - Brush Holder

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 6501021
Dim: M4 x 0.7 x 30mm L



46-3200
Terminal Block

For: Chrysler Square Back ER/IF Alternators
Replaces: Chrysler 3438729
Dim: 8-32 Thd.



46-3202
Terminal Block

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 4433144, 5226087
Dim: 4mm Dia. Mounting Holes



46-3303
Repair Connector - Stator
For: Chrysler Round Back ER/IF Alternators
Dim: 6" L w/ #52 hole fits 15 gauge wire
Note: Repair connector for damaged or cut stator leads. Provides the extra length needed for attaching to rectifier by soldering to stator leads.
To install:
- Cut stator lead allowing at least 1in. length to remain.
- Scrape varnish from stator lead
- Position stator lead through hole in 46-3303
- Crimp stator lead to 46-3303 and solder
- Slip insulation sleeving over solder joint



46-3304
Terminal - Brush Holder
For: Chrysler Round Back ER/IF Alternators
Replaces: Ref# S-2429



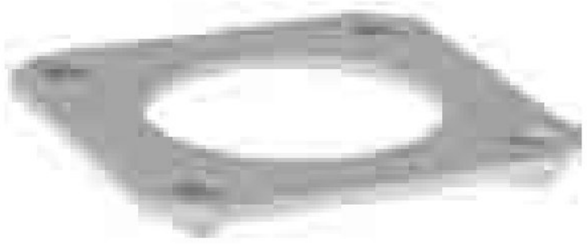
46-3400
Cover - S.R.E. Frame
For: Chrysler 40/90A ER/EF Alternators
Replaces: Chrysler 5226002, 5227111



46-3500
Bearing Retainer - D.E. Frame
For: Chrysler Round Back & Square Back ER/IF Alternators
Replaces: Chrysler 2095012



46-3501
Bearing Retainer - D.E. Frame
For: Chrysler Revised Square Back ER/IF Alternators
Replaces: Chrysler 4091398



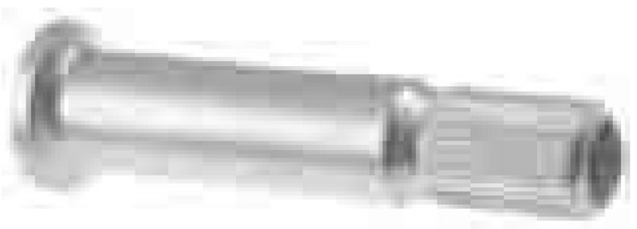
46-3502
Bearing Retainer - D.E. Frame
For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 5226622
Unit Nos: Chrysler 5226200, 5227100, 5227267
Dim: M5 x 0.8 Mtg. Holes



46-3550
Mounting Bushing - S.R.E. Frame
For: Chrysler Round Back, Square Back ER/IF Alternators
Replaces: Chrysler 2095052
Dim:
10.5mm ID x 14.5mm OD x 17mm L
3/8" ID x 9/16" OD x 11/16" L



46-3551
Mounting Bushing - S.R.E. Frame
For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 5226043
Dim: 10mm ID x 14.5mm OD x 29.5mm L



46-3552
Mounting Ferrule
For: Chrysler Revised Square Back ER/IF Alternators
Replaces: Chrysler 5206563



46-3600
Spacer - Fan
For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 5226042, 5227606
Dim: 17mm ID x 32mm OD x 5mm L



46-3601
Spacer - Rotor
For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 5226041, 5227200
Dim: 17mm ID x 32mm OD x 11mm L

CHRYSLER (cont'd.)



46-3602
Spacer - Thru Bolt

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 5226973
Dim: 5mm ID x 8mm OD x 15mm L



46-3603
Spacer - Rotor

For: Chrysler Revised Square Back ER/IF Alternators
Replaces: Chrysler 4145342
Dim:
17mm ID x 20.5mm OD x .66mm T
.67" ID x .81" OD x .026" T
Note: 46-3603 rotor spacer provides the proper fan-to-D.E. housing clearance when using early revised square back rotors in later applications

DELCO



25-100
Fan

For: Delco 10DN Series ER/EF, 10SI Series IR/EF; Ford 1G Series 40-65A ER/EF, 2G Series IR/EF Alternators
Replaces: Delco 800594; Ford D9ZZ-10A310-A, E5SZ-10A310-A, E6SZ-10A310-A, E8FZ-10A310-A
Dim: 17mm ID x 136mm OD

25-100-1
Fan

Same as 25-100 except...
Features:
• Zinc-yellow plated



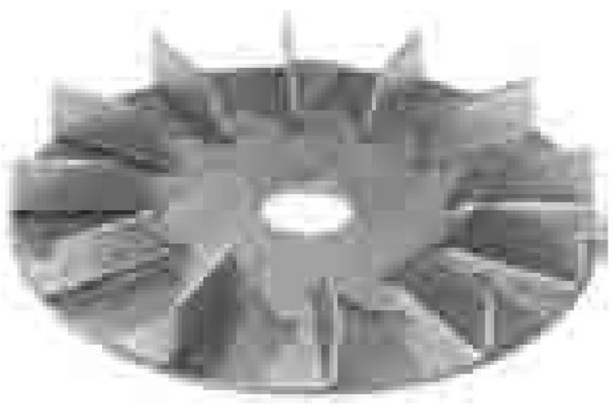
25-102
Fan

For: Delco 10SI, 12SI IR/EF Series Alternators
Replaces: Delco 1984430
Dim: 17mm ID x 140mm OD



25-103
Fan

For: Delco 15SI, 17SI, CS144 Series IR/EF Alternators
Replaces: Delco 1978026
Dim: 17mm ID x 142mm OD
Note: Metal



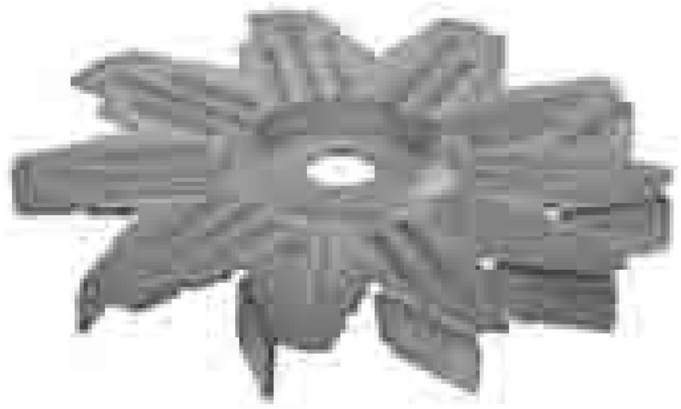
25-104
Fan

For: Delco 10SI/Type 136, 20SI Series IR/EF Alternators
Replaces: Delco 1970593
Dim: 22.23mm (7/8") ID x 140mm OD
Note: Steel bidirectional fan



25-105
Fan

For: Delco 25SI, 27SI/Type 200, 29SI, 30SI, 40SI Series IR/EF Alternators
Replaces: Caterpillar 9S2258, Delco 1969481
Dim: 22.23mm (7/8") ID x 165mm OD



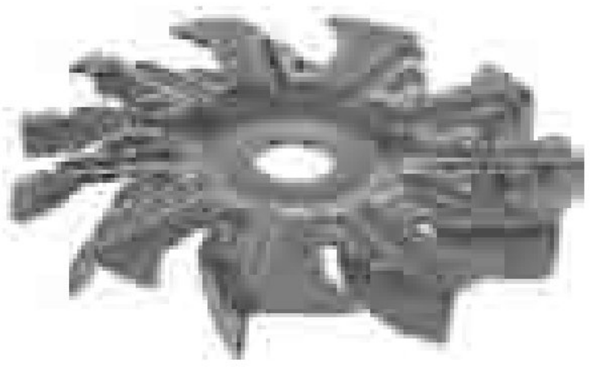
25-106
Fan

For: Delco 27SI/Type 100 Series IR/EF, Ford 1G Series 70-100A ER/EF Alternators
Replaces: Delco 801808; Ford D9AZ-10A310-A, E6DZ-10A310-C, GP-602, GP-626
Dim: 17mm ID x 160mm OD



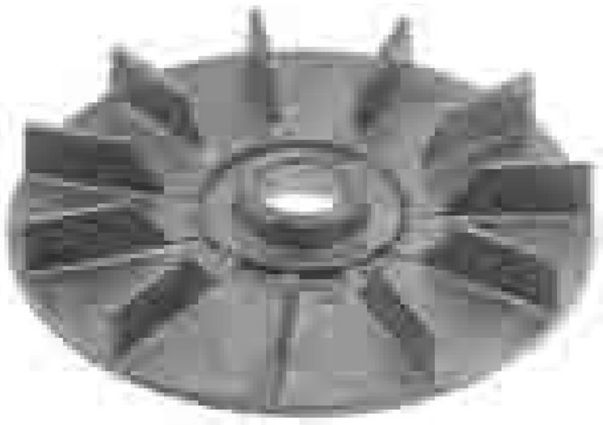
25-107
Fan

For: Delco CS121 Series IR/EF Alternators
Replaces: Delco 10495204
Dim: 17mm ID x 116mm OD



25-108
Fan

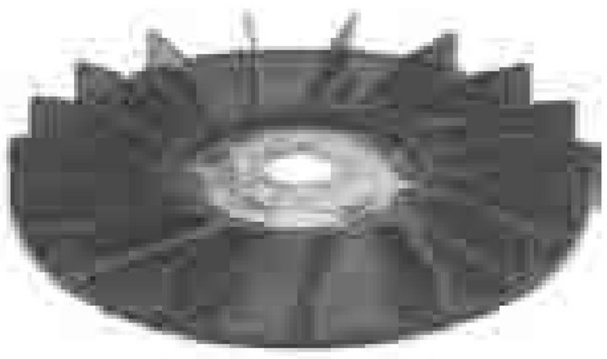
For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 1989581
Dim: 17mm ID x 124mm OD



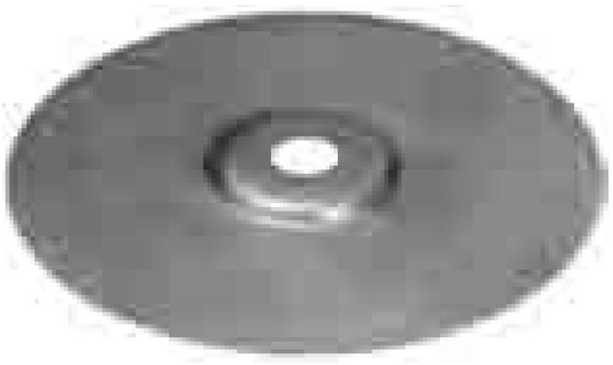
25-109
Fan
For: Delco 20SI, 21SI, 22SI, 23SI Series IR/EF Alternators
Replaces: Delco 10467272, 10471121*
Dim: 22.23mm (7/8") ID x 146mm OD
Note: Aluminum bidirectional fan w/ integral fan spacer.
*Delco 10471121 is CW rotation fan.



25-110
Fan
For: Delco 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 10467133, 10492163
Dim: 22.23mm (7/8") ID x 165mm OD
Note: Aluminum bidirectional fan w/ integral fan spacer



25-111
Fan
For: Delco CS144 Series IR/EF Alternators
Replaces: Delco 10471962
Dim: 17mm ID x 145mm OD
Note: With plastic vanes



25-190
Baffle
For: Delco 17SI, CS144 Series IR/EF Alternators
Replaces: Delco 1987614
Dim: 17mm ID x 146mm OD
Note: Used w/ 25-103 fan



26-101-3
Chrome Plated Alternator Kit
For: Delco 10DN Series ER/EF Alternators
Lester Nos: 7121, 7122



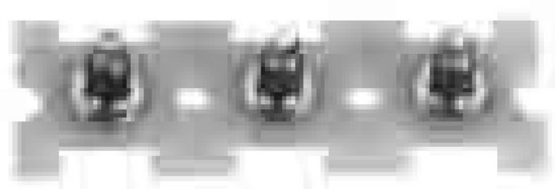
26-102-4
Chrome Plated Alternator Kit
For: Delco 10SI Series IR/EF Alternators
Lester Nos: 7127, 7128
Dim: Mtg. Ear Hole Size: 5/16-18
Mtg. Foot Hole Size: 10mm
Note: With 1-groove pulley. Requires

DELCO (cont'd.)



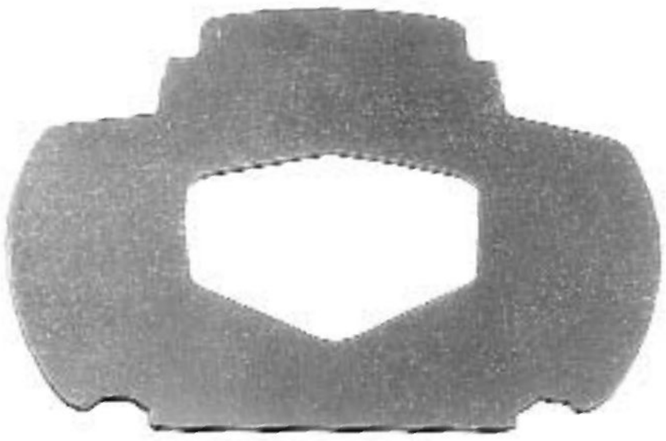
31-1300
Insulator - Rectifier

For: Delco 10DN Series ER/EF; 25SI, 26SI Series IR/EF Alternators
Replaces: Delco 1968935
Features:
- High-temp insulator for stud in heat sink



31-1603
Terminal Block - Rectifier

For: Delco 10SI, 12SI, 20SI Series IR/EF Alternators
Features:
- High-Temp Plastic



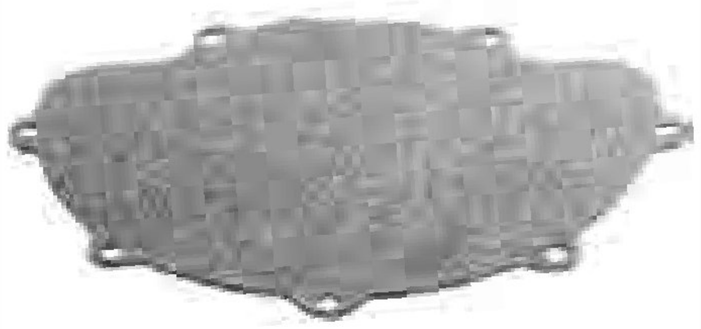
41-1100
Gasket - Rectifier Cover

For: Delco 25SI, 26SI Series IR/EF Alternators
Replaces: Delco 1970395



41-1101
Gasket - Bearing Retainer

For: Delco 25SI, 30SI Series IR/EF Alternators
Replaces: Delco 1968884



41-1102
Gasket - Diode Cover

For: Delco 50DN Series Bus Alternators
Replaces: Delco 1976514



41-1103
Gasket - Regulator Plug

For: Delco CS121 Series IR/EF Alternators
Used On: Geo Prizm
Unit Nos: Delco 10479805; Toyota 27060-02020
Lester Nos: 8106
Note: Used w/ 46-1804 regulator plug adapter



41-1104
Seal - Battery Terminal

For: Delco 10SI/Type 110 Series IR/EF Alternators
Used On: Marine Applications
Replaces: Delco 801495
Dim: 18mm ID x 31mm OD
Note: Rubber



41-1105
Dampener - Diode Trio

For: Delco 22SI, 33SI, 34SI Series IR/EF Alternators



41-1300
Boot - Relay Terminal

For: Delco 10SI, 12SI, 15SI, 17SI, 20SI, 21SI, 25SI, 26SI, 27SI, 29SI, 30SI, 33SI, 34S Series IR/EF Alternators
Replaces: Delco 1970227
Note: Included in 49-1504, 49-1511 relay terminal kits



41-1302
Grommet - Lead Support

For: Delco 25SI Series IR/EF Alternators
Replaces: Delco 1968996



41-1303
Boot - Battery Terminal
Red Color

For: Delco 25SI, 26SI Series Neg. Grd. IR/EF Alternators
Note: Included in 49-1507 battery terminal kit



41-1306
Grommet - Stationary Coil Leads

For: Delco 25SI, 26SI Series IR/EF Alternators



41-1307
Plug - Regulator Terminals

For: Delco 10SI, 21SI, 22SI, 27SI/Type 200, 202 Series IR/EF Alternators
Replaces: Delco 1987869
Note: Used on regulators w/ webbed terminals



41-1308
Grommet - Stator Leads

For: Delco 29SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1974629



41-1310
Grommet - Stator Leads

For: Delco 30SI Series IR/EF Alternators
Replaces: Delco 1876805



41-1311
Insulator - Rectifier

For: Delco 25SI, 26SI Series IR/EF Alternators
Dim: 14mm ID x 23.5mm OD x 4mm T
9/16" ID x 15/16" OD x 5/32" T
Note: Included in 49-1507 battery terminal kit



41-1313
Cap - Regulator Terminals

For: Delco 21SI, 22SI, 27SI/200, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 10476720
Note: Used on one wire systems w/ web type regulators



41-1314
Boot - Battery Terminal

For: Delco 27SI/Type 100, 27SI/Type 200 Series IR/EF Alternators
Replaces: Ref# S-2226



41-1700
Seal - Regulator Terminals

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI, 30SI Series IR/EF Alternators
Replaces: Delco 1876806



41-1702
Seal - D.E. Bearing

For: Delco 25SI, 30SI Series IR/EF Alternators
Replaces: Delco 1958509
Dim: 51mm OD x 8mm W
2" OD x 5/16" W
Fits 35mm (1.375") Dia. Shaft



41-1703
Seal - Brush Holder

For: Delco 22SI Series IR/EF Alternators
Replaces: Delco 10493664



41-1704
Rubber Washer - S.R.E. Bearing

For: Delco 22SI Series IR/EF Alternators
Replaces: Delco 10492759
Dim: 17mm ID x 34mm OD x 2mm T



42-1101
Insulator - Rectifier

For: Delco 25SI, 26SI Series IR/EF Alternators
Replaces: Delco 1968930



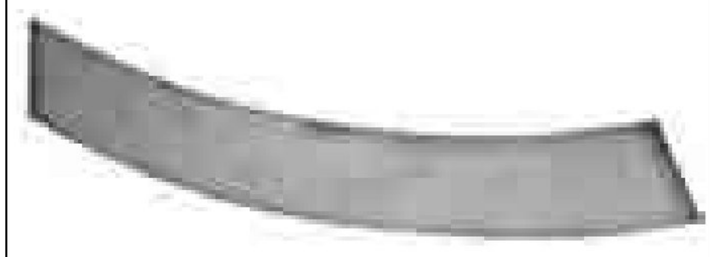
42-1104
Insulator - Batt., TR. Terms. (Int.)

For: Delco 30SI, 30SI/TR Series IR/EF Alternators
Replaces: Delco 1894704
Dim: 6mm (1/4") ID Square Hole
Note: Included in 49-1514 battery terminal kit, 49-1515 transformer terminal kit



42-1105
Support - Regulator Lead

For: Delco 25SI, 26SI Series IR/EF Alternators
Replaces: Delco 1846938

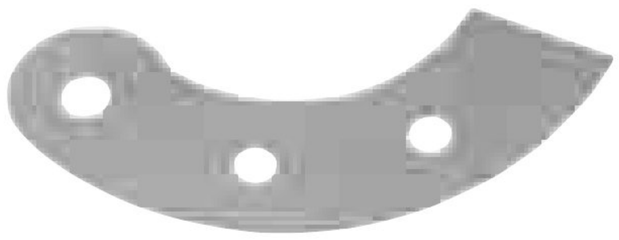


42-1106
Insulator - Rectifier

For: Delco CS144 Series 124-145A IR/EF Alternators
Dim:
162.5mm L x 40.5mm W
6-3/8" L x 1-5/8" W
Note: Used between rectifier & S.R.E. frame.

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



42-1107
Insulator - Rectifier

For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8290
Dim: 26mm W x 100mm L



42-1300
Insulator

For: Delco 10DN* Series ER/EF; 20SI**, 25SI***, 26SI***, 29SI** Series IR/EF Alternators
Replaces: Delco 1959389
Dim: 4.5mm (No. 8) ID
Note: Black color.
Included in 49-1506, 49-1518 relay terminal kits.
* Capacitor mtg.
** Relay terminal
*** Rectifier mtg.



42-1301
Insulator - Ground Terminal

For: Delco 10DN Series ER/EF Alternators
Dim: 5.5mm (No. 12) ID Square Hole
Note: Black color. Included in 49-1500 ground terminal kit.



42-1302
Insulator - Battery Terminal

For: Delco 10SI, 12SI, 15SI, 17SI, 21SI, 22SI, 23SI, 27SI, CS144 Series IR/EF Alternators
Replaces: Delco 801826
Dim: 5.5mm (No. 12) ID Square Hole
Note: Red color. Included in 49-1502, 49-1503, 49-1509, 49-1521, 49-1522 battery terminal kits.



42-1303
Insulator - Brush Holder Screw

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI, CS144 Series IR/EF Alternators
Dim:
4mm ID x 15.5mm OAL
No. 8 ID x 5/8" OAL



42-1304
Insulator - Relay, I-Terminal

For: Delco 10SI, 12SI, 15SI, 17SI, 20SI, 21SI, 25SI, 26SI, 27SI, 29SI, 30SI, 33SI, 34SI, 40SI Series IR/EF Alternators
Dim: 5mm (No. 10) ID
Note: Black color w/ round shoulder. Included in 49-1504, 49-1506, 49-1511, 49-1518 terminal kits.



42-1305
Insulator - Rectifier Screw

For: Delco 20SI, 30SI, 30SI/TR Series IR/EF Alternators
Replaces: Delco 1894463
Dim:
4.5mm ID x 18mm OAL
No. 8 ID x 11/16" OAL
Note: Included in 49-1515 transformer terminal kit



42-1306
Insulator - Battery Terminal

For: Delco 20SI, 29SI, 33SI, 34SI Series IR/EF Alternators
Dim: 6.5mm (1/4") ID
Note: Blue color. Included in 49-1505 battery terminal kit.



42-1308
Insulator - Batt., TR. Terms. (Ext.)

For: Delco 30SI, 30SI/TR Series IR/EF Alternators
Replaces: Delco 1944973
Dim: 6.5mm (1/4") ID
Note: Blue color. Included in 49-1514 battery terminal kit, 49-1515 transformer terminal kit.



42-1309
Insulator - Battery Terminal

For: Delco CS121, CS130 Series IR/EF Alternators
Replaces: Delco 1989652, 10470445, 10498108
Dim: 5mm ID
Note: Black color. Used w/ 46-1167 battery terminal. Included in 49-1516 battery terminal kit.



42-1309-1
Insulator - Battery Terminal

Same as 42-1309 except...
Note: Black color.
Used w/ 46-1167-1 battery terminal.
Similar to 42-1309 except 42-1309-1 is a heavy duty insulator with a deeper recess and a longer square shoulder to lock the 46-1167-1 battery terminal in place and prevent it from spinning loose during battery cable hookup.



42-1311
Insulator - Battery Terminal

For: Delco CS144 Series 124-145A IR/EF Alternators
Replaces: Delco 10470416
Dim: 14mm ID
Note: Black color. Used in 22-133, 22-134, 22-142 S.R.E. frames.



42-1312
Insulator - Relay, I-Terminal
For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10472063
Dim: 5mm (No. 10) ID Square Hole
Note: Black color w/ square shoulder. Included in 49-1523, 49-1524, 49-1525, 49-1526, 49-1527 terminal kits.



42-1313
Insulator - Battery Terminal
For: Delco 21SI Series IR/EF Alternators
Replaces: Delco 10469137
Dim: 5.5mm (No. 12) ID Square Hole
Note: Black color



42-1314
Insulator - Stator Leads
For: Delco CS130D Series IR/IF Alternators
Replaces: Delco 10475745
Features:
- Premium Quality

42-1314-1
Insulator - Stator Leads
Same as 42-1314 except...
Features:
- Best Value



42-1315
Insulator - Battery Terminal
For: Delco CS121 Series IR/EF Alternators
Used On: (1995-89) Geo, Toyota
Replaces: Delco 10469510, 10473395
Unit Nos: Delco 1101626, 10479805, 10480095, 10480096; Toyota 27060-02020, 27060-02050, 27060-02070, 27060-74200
Dim: 5mm ID
Note: Black color. Used w/ 46-1182 battery terminal.



42-1316
Insulator - Regulator Screw
For: Delco CS130D Series IR/IF Alternators
Dim: 4mm ID x 12mm OAL
Note: Used w/ 85-1200 screw to make 85-1214 insulated screw



42-1319
Insulator - Stator Leads
For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8290



42-1320
Insulator - Battery Terminal
For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8290
Dim: 8mm ID x 10mm OD



42-2300
Insulator - Battery Terminal (Ext.)
For: Delco 10DN Series; Ford 1G Series 40-100A, 1G Series Truck 65-90A, 1G Series Blue Back Truck 70-90A ER/EF Alternators
Replaces: Ford C5AZ-10329-A, GY-910
Dim: 6.5mm (1/4") ID
Note: Red color. Included in 49-1501 battery terminal kit.



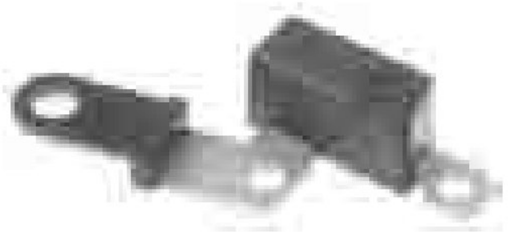
46-1100
Capacitor
For: Delco 10DN Series ER/EF; 10SI, 27SI/Type 100, 29SI Series IR/EF Alternators
Replaces: Delco 801824, 1959455, 1971411, 1989037
Dim: .5MF
6.5mm (1/4") Eyelet
45mm (1-3/4") Lead Length



46-1101
Capacitor
For: Delco 10SI, 12SI, 15SI, 17SI, 27SI Series IR/EF Alternators
Replaces: Delco 830890, 1976364, 1978146
Dim: 1.5MF
4mm (No. 8) Eyelet
50mm (2") Lead Length

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



46-1104
Capacitor

For: Delco CS144 Series IR/EF Alternators
Replaces: Delco 1989703
Dim: 1.5MF



46-1105
Capacitor

For: Delco 17SI Series 120A IR/EF; 21SI, 22SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1988972
Dim: 1.5MF



46-1106
Capacitor

For: Delco 10SI, 12SI, 15SI, 27SI Series IR/EF Alternators
Replaces: Delco 1988873
Dim: 1.5MF



46-1107
Capacitor

For: Delco 20SI Series IR/EF Alternators
Replaces: Delco 1894481, 1985445
Dim: 1.5MF
7mm (9/32") Eyelet
51mm (2") Lead Length



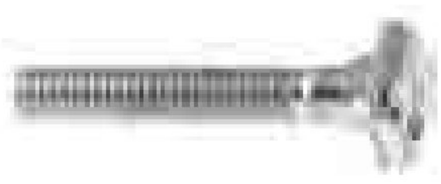
46-1109
Capacitor

For: Delco 30SI Series IR/EF Alternators
Replaces: Delco 10474443
Dim: 1.5MF
4mm (No. 8) Eyelet
122mm (4-3/4") Lead Length



46-1111
Capacitor

For: Delco 20SI Series IR/EF Alternators
Replaces: Delco 1894481, 1985445
Dim: 1.5MF
7mm (9/32") Eyelet
51mm (2") Lead Length
Components:
46-1107 Capacitor
46-1850 Bracket



46-1151
Battery Terminal

For: Delco 10DN Series ER/EF Alternators
Dim: 12-24 x 1-3/8 L
Note: Included in 49-1501 battery terminal kit



46-1152
Ground Terminal

For: Delco 10DN Series ER/EF Alternators
Dim: 10-32 x 1-1/4 L
Note: Included in 49-1500 ground terminal kit



46-1153
Battery Terminal

For: Delco 20SI, 29SI, 33SI, 34SI Series IR/EF Alternators
Dim: 1/4-28 x 1-3/16 L
Note: Included in 49-1505 battery terminal kit



46-1154
Relay Terminal

For: Delco 10SI, 12SI, 15SI, 17SI, 20SI, 21SI, 25SI, 26SI, 27SI, 29SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1968986
Dim: 8-32 Int., 1/8 Dia. x 1/4 L Ext.
Note: Included in 49-1504, 49-1506, 49-1511, 49-1525 relay terminal kit



46-1155
Stud - Rectifier

For: Delco 10DN Series ER/EF; 25SI, 26SI Series IR/EF Alternators
Dim: 8-32



46-1156
Battery Terminal
Standard

For: Delco 10SI, 15SI Series IR/EF Alternators
Replaces: Delco 1969053
Dim: 12-24 Int., 12-24 Ext.
Note: Included in 49-1503 battery terminal kit



46-1157
Battery Terminal
Metric

For: Delco 10SI, 12SI, 15SI, 17SI, 21SI, 22SI, CS144 Series IR/EF Alternators
Replaces: Delco 10469651
Dim: 12-24 Int., M6 x 1.0 Ext.
Note: Included in 49-1502 battery terminal kit
Features:
• Zinc-yellow plated



46-1158
Battery Terminal
Metric

For: Delco 27SI/Type 100 Series IR/EF Alternators
Dim: 12-24 Int., M6 x 1.0 Ext.



46-1159
Battery Terminal
Standard

For: Delco 27SI/Type 100, 200 Series IR/EF Alternators
Dim: 12-24 Int., 12-24 Ext.
Note: Included in 49-1509 battery terminal kit



46-1160
Battery Terminal

For: Delco 25SI, 26SI Series Neg. Grd. IR/EF Alternators
Replaces: Delco 1968946
Dim: 1/4-20 Post Int., 7/16-14 Hole Ext.
Note: Use w/ 46-1161 battery terminal. Included in 49-1507 battery terminal kit.



46-1161
Battery Terminal
Red Color

For: Delco 25SI, 26SI Series Neg. Grd. IR/EF Alternators
Replaces: Delco 1969002
Dim: 7/16-14
Note: Use w/ 46-1160 battery terminal



46-1164-1
Battery Terminal

For: Delco 30SI Series IR/EF Alternators
Dim: 1/4-28 x 1-1/2 L Terminal
Note: Included in 49-1514 battery terminal kit
Features:
- Flexible wire-lead connector for ease of installation



46-1166
Relay Terminal

For: Delco 10SI/Type 116, 136 Series IR/EF Alternators
Replaces: Delco 1894568, 1979726
Note: Used in 39-102 brush holder assy.



46-1167
Battery Terminal

For: Delco CS121, CS130 Series IR/EF Alternators
Replaces: Delco 1989647
Dim: M5 x 0.8 Int., M6 x 1.0 x 11mm L Ext.
Note: Used w/ 42-1309 insulator. Included in 49-1516 battery terminal kit.



46-1167-1
Battery Terminal

Same as 46-1167 except...
Note: Used w/ 42-1309-1 insulator. Similar to 46-1167 except 46-1167-1 is a heavy duty battery terminal with a longer square shoulder. 46-1167-1 requires 42-1309-1 heavy duty insulator, together they lock the battery terminal in place and prevent it from spinning loose during battery cable hookup.



46-1168
Battery Terminal

For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 10496750
Dim: M5 x 0.8 Int., M6 x 1.0 Hole Ext.
Note: Included in 49-1517 battery terminal kit



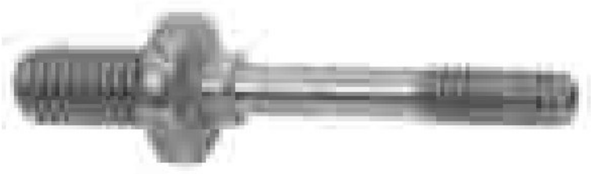
46-1172
Relay, I-Terminal

For: Delco 20SI, 25SI, 26SI, 29SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1852800
Dim: 8-32 Int., 10-24 Ext.
Note: Used as I-terminal in 25SI, 26SI, 30SI, 33SI, 34SI series alternators. Used as R-terminal in 20SI, 29SI, 33SI, 34SI series alternators. Included in 49-1518 terminal kit.



46-1173
Battery Terminal Adapter

For: Delco CS130, CS144 Series IR/EF Alternators
Dim: M6 x 1.0 Holes, 21mm L
Note: For converting alternators w/ 46-1167 round battery terminal to square battery terminal. Requires lock washer. Included in 49-1519 battery terminal adapter kit.



46-1174
Battery Terminal

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10468929
Dim: 12-24 Int., 5/16-18 Ext.
Note: Included in 49-1522 battery terminal kit

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



46-1175
Battery Terminal

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10467296
Dim: 12-24 Int., 1/4-28 Ext.
Note: Included in 49-1521 battery terminal kit



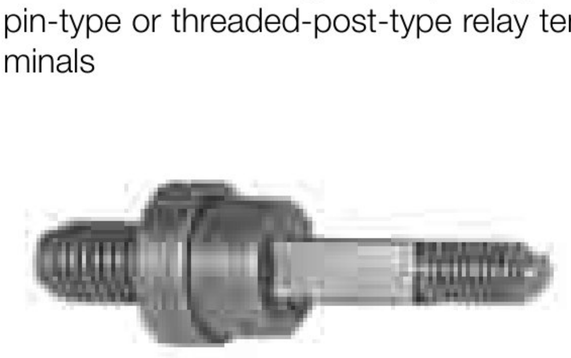
46-1176
Relay Terminal

For: Delco 15SI/Type 116 Series IR/EF Alternators
Replaces: Delco 1986132
Note: Used in 39-104 brush holder assy.



46-1177
Relay Terminal

For: Delco 10SI, 12SI, 15SI, 17SI, 20SI, 21SI, 25SI, 26SI, 27SI, 29SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Dim: 8-32 Int., 1/8 Dia., 10-24 x 15/32 L Ext.
Note: Universal design for replacing pin-type or threaded-post-type relay terminals



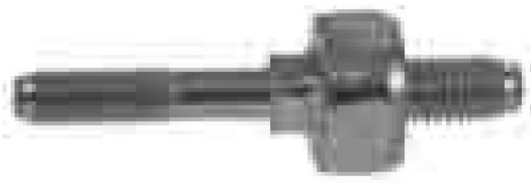
46-1178
Battery Terminal

For: Delco CS144 Series 124-145A IR/EF Alternators
Replaces: Delco 10474201
Dim: M6 x 1.0 Int., M8 x 1.25 Ext.
Note: Used w/ 22-133, 22-134, 22-142 S.R.E. frames. Similar to 46-1189, except 46-1189 has M6 x 1.0 external threads



46-1181
Relay or I-Terminal

For: Delco 21SI, 22SI, 23SI Series IR/EF Alternators
Replaces: Delco 10472120
Dim: 8-32 Int., M4 x 0.7 Ext.
Note: Included in 49-1524 terminal kit



46-1182
Battery Terminal

For: Delco CS121 Series IR/EF Alternators
Used On: (1995-89) Geo, Toyota
Replaces: Delco 10469503
Unit Nos: Delco 1101626, 10479805, 10480095, 10480096; Toyota 27060-02020, 27060-02050, 27060-02070, 27060-74200
Lester Nos: 8106, 8128, 8153
Dim: M5 x 0.8 Int., M6 x 1.0 x 9mm L Ext.
Note: Used w/ 42-1315 insulator



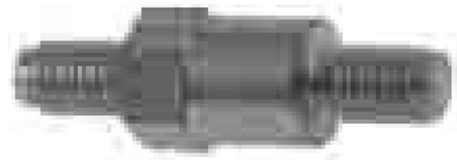
46-1183
Relay

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10472511
Dim: 8-32 Int., 10-24 Ext.
Note: Included in 49-1526 relay terminal kit
Features:
- Late-style square shaft
- Universal relay terminal that replaces both the 'pin' type and 10-24 threaded relay terminals



46-1184
Relay or I-Terminal

For: Delco 21SI, 22SI, 23SI Series IR/EF Alternators
Replaces: Delco 10472511
Dim: 8-32 Int., 10-24 Ext.
Note: Included in 49-1523, 49-1527 terminal kits



46-1185
Battery Terminal

For: Delco CS130D Series IR/IF Alternators
Replaces: Delco 10475765
Dim: M8 x 1.25 Int., M8 x 1.25 Ext.
Features:
- Thread-forming rectifier connection



46-1186
Battery Terminal

For: Delco CS144 Series IR/EF Alternators
Used On: (1994-93) Chevrolet, Pontiac
Replaces: Delco 10456476
Unit Nos: Delco 1101567, 1101648, 10479853, 10480121, 10480131
Dim: 12-24 Post Int., M6 x 1.0 Hole Ext.
Note: Used w/ 85-1337 screw



46-1188
Battery Terminal

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232
Dim: M5 x 0.8 Int., M6 x 1.0 Ext.



46-1189
Battery Terminal

For: Delco CS144 Series 140A IR/EF Alternators
Used On: (1999-98) Cadillac
Replaces: Delco 10493932
Unit Nos: Delco 10480296, 10480297
Lester Nos: 8226
Dim: M6 x 1.0 Int., M6 x 1.0 Ext.
Note: Used w/ 22-133 S.R.E. frame. Similar to 46-1178, except 46-1178 has M8 x 1.25 external threads



46-1191
Battery Terminal
For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Unit Nos: Delco 10480229, 10480234, 10480241, 10480244, 10480303, 10480326, 10480327, 10480341, 10480357, 10480368, 10480388, 10480428
Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8290
Dim: M6 x 1.0 Ext. Thd.



46-1200
Terminal Block
For: Delco CS144 Series IR/EF Alternators
Used On: (1990-89) Cadillac Deville, Fleetwood (FWD) 4.5L w/ Heated Windshield
Replaces: Delco 10467311
Unit Nos: Delco 1101350, 10463119
Lester Nos: 7904
Dim: 3) M5 x 0.8 Studs
Note: Similar to 46-1201 except 46-1201 has unthreaded terminal posts.



46-1201
Terminal Block
For: Delco CS144 Series IR/EF Alternators
Used On: (1995-91) Buick, Cadillac, Oldsmobile, Pontiac
Unit Nos: Delco 1101579, 1102625, 10479966, 10480009, 10480010, 10480012, 10480034, 10480116
Lester Nos: 7966, 84; 8134, 36
Note: Unthreaded terminal posts. Used w/ 22-134 S.R.E. frame on applications w/ heated windshield.
Similar to 46-1200 except 46-1200 has M5 x 0.8 threaded terminal posts.



46-1252
Wire Lead - Rectifier to Reg. Stud
For: Delco 10SI, 27SI/Type 200 Neg. Grd., 30SI* Series IR/EF Alternators
Replaces: Delco 1876080, 1876809, 1964363, 10497824
Dim:
4.5mm Eyelet Dia. x 70mm L
No. 8 Eyelet Dia. x 2-3/4" L
Note: * Relay term. to rectifier



46-1253
Wire Lead - Regulator to I-Terminal
For: Delco 20SI, 25SI, 26SI, 27SI/Type 20030SI* Series IR/EF Alternators
Replaces: Delco 1876151, 1876807, 10497661
Dim:
5mm Eyelet Dia. x 95mm L
No. 10 Eyelet Dia. x 3-3/4" L
Note: * Also used to connect rectifier to regulator stud.



46-1300
Connector - Relay Terminal
For: Delco 10SI, 12SI, 15SI, 17SI Series IR/EF Alternators
Note: Included in 49-1504 relay terminal kit



46-1301
Connector - Batt. Terminal to Rectifier
For: Delco 20SI Series IR/EF Alternators
Replaces: Delco 1894464
Dim: 78mm (3") OAL



46-1302
Connector - Rectifier to Reg. Stud
For: Delco 20SI Series IR/EF Alternators
Replaces: Delco 1894462



46-1303
Connector - Rectifier to Relay Terminal
For: Delco 20SI Series IR/EF Alternators
Replaces: Delco 1894473
Dim: 81mm (3-3/16") OAL



46-1304
Connector - Batt. Term. to Rectifier
For: Delco 27SI Series IR/EF Alternators
Replaces: Delco 801815



46-1305
Connector - Rectifier to Relay Terminal
For: Delco 27SI Series IR/EF Alternators
Replaces: Delco 1852032
Note: Included in 49-1511 relay terminal kit



46-1309
Connector - Rectifier to Batt. Term.
For: Delco 29SI Series IR/EF Alternators
Replaces: Delco 1974627
Dim: 66mm (2-5/8") OAL

DELCO (cont'd.)



46-1310
Connector - Rectifier to Regulator

For: Delco CS144 Series IR/EF Alternators
Replaces: Delco 10497789



46-1311
Connector - Rectifier to Relay Terminal

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10467339
Note: Connects rectifier to relay terminal used in R-location



46-1312
Connector - Regulator to Batt. Terminal

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10467404



46-1313
Repair Connector - Stator

For: Delco CS121, CS130 Series IR/EF Alternators
Note: Repair connector for damaged or cut stator leads.
46-1313 is crimped & soldered to stator leads providing the extra length needed for attaching to rectifier.



46-1314
Connector - Regulator to I-Terminal

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10468944



46-1315
Connector - Ground

For: Delco 10SI/Type 110 Series IR/EF Alternators
Used On: Marine Applications
Dim: 8-32 Thd. Hole
Note: Included in 49-1512 ground connector kit



46-1316
Connector - Rectifier to Relay Terminal

For: Delco 21SI Series IR/EF Alternators
Replaces: Delco 10468945
Note: Connects rectifier to relay terminal used in I-terminal location



46-1319
Connector - Rectifier to Regulator

For: Delco 33SI, 34SI Series IR/EF Alternators
Dim: 33mm OAL



46-1320
Connector - Batt. Terminal to Rectifier

For: Delco 33SI, 34SI Series IR/EF Alternators
Dim: 65mm OAL



46-1321
Connector - Rectifier to Relay Terminal

For: Delco 33SI, 34SI Series IR/EF Alternators
Dim: 88.5mm OAL



46-1322
Connector - Regulator to I-Terminal

For: Delco 33SI, 34SI Series IR/EF Alternators
Dim: 50mm OAL



46-1324
Repair Lead

For: Delco 10DN series ER/EF Alternators
Note: Repair lead for 1/2" press fit diodes



46-1400
Cover - S.R.E. Frame

For: Delco CS121 Series IR/EF Alternators
Replaces: Delco 10471975, 10495205



46-1401
Cover - S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 1989628



46-1402
Cover - S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1997-92) Saturn
Replaces: Delco 10470444
Unit Nos: Delco 21021447, 21022772, 21023516, 21023702, 21023724



46-1403
Cover - S.R.E. Frame
For: Delco CS130D Series IR/IF Alternators
Replaces: Delco 10475768
Unit Nos: Delco 10479981, 10479984, 10480017, 10480043, 10480071, 10480072, 10480074, 10480076, 10480078, 10480119, 10480182, 10480187, 10480188, 10480189, 10480190, 10480191, 10480195, 10480217, 10480218, 10480236, 10480237, 10480240, 10480252, 10480307, 10480321
Lester Nos: 8156, 8158, 8160, 8190, 8199, 8200, 8208, 8222, 8223, 8224, 8233



46-1404
Cover - S.R.E. Frame
For: Delco CS130D Series IR/IF Alternators
Replaces: Delco 10476383
Unit Nos: Delco 10480052, 10480196, 10480233, 10480235
Lester Nos: 8155



46-1405
Cover - S.R.E. Bearing
For: Delco CS121 IR/EF; CS121D IR/IF Series Alternators
Used On: (2002-93) Geo, Saturn, Toyota
Replaces: Delco 10476121
Unit Nos: Delco 10480095, 10480096, 21023969, 21024727
Lester Nos: 13483, 8128, 8232



46-1406
Cover - S.R.E. Frame
For: Delco CS130D Series IR/IF Alternators
Replaces: Delco 10488602
Unit Nos: Delco 10480079, 10480167, 10480168, 10480170, 10480198, 10480251
Lester Nos: 8197, 8206, 8216, 8227, 8231



46-1408
Cover - S.R.E. Frame
For: Delco CS130D Series IR/IF Altenators
Used On: (2001-97) Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10490891
Unit Nos: Delco 10480184, 10480320
Lester Nos: 8228
Note: With M8 x 1.25 battery terminal



46-1409
Cover - S.R.E. Frame
For: Delco CS130D Series IR/IF Alternators
Used On: (2001-97) Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10490877
Unit Nos: Delco 10480207, 10480299, 10480317, 10480318, 10480332, 10480336
Lester Nos: 8229, 8230, 8249
Note: Designed for rectifiers w/ press-fit diodes and will also fit rectifiers w/ chip type diodes



46-1410
Cover - S.R.E. Frame
For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232



46-1412
Cover - S.R.E. Frame
For: Delco CS130D Series IR/IF Alternators
Used On: (2002-98) Chevrolet, Pontiac
Unit Nos: Delco 10480308, 10480342, 10480343
Lester Nos: 8242
Features:
• Mfd. by OE Supplier

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



46-1413
Cover - S.R.E. Frame
For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8290
Note: For later style cover w/ raised center use 46-1465.



46-1414
Cover - S.R.E. Frame
For: Delco CS130D Series IR/IF Alternators
Used On: (1999-97) Acura, Honda
Unit Nos: Delco 10480228; Honda 31100-P8A-A01, -A02
Lester Nos: 8220



46-1450
Cover Plate
For: Delco 20SI Series IR/EF Alternators
Replaces: Delco 1894444



46-1452
Cover Plate
For: Delco 30SI Series IR/EF Alternators
Replaces: Delco 1876814



46-1453
Cover Plate
For: Delco 25SI, 26SI Series IR/EF Alternators
Replaces: Delco 1969001



46-1455
Cover - Spark Arresting
For: Delco 10SI/Type 110 Series IR/EF Alternators
Used On: Mercury Marine
Replaces: Delco 1851178, 1985495



46-1456
Cover - Rectifier
For: Delco 25SI, 26SI Series IR/EF Alternators
Replaces: Delco 1969000



46-1458
Cover - Slip Ring
For: Delco CS144 Series 124-145A IR/EF Alternators
Replaces: Delco 10470414
Note: Used w/ 22-133, 22-134, 22-142 S.R.E. frames



46-1459
Debris Shield
For: Delco 21SI Series IR/EF Alternators
Used On: Case Equipment
Replaces: Delco 10474067
Unit Nos: Delco 1117898, 1117965, 19010178, 19010180, 19010181, 19010182, 19010190, 19010191, 19010192



46-1460
Chaff Shield
For: Delco 10SI/Type 116, 136 Series IR/EF Alternators
Used On: Farm Equipment
Replaces: Delco 1851153



46-1462
Cover Plate
For: Delco 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 10491181



46-1464
Cover - Pulley Nut
For: Delco AD237 Series IR/IF Alternators
Unit Nos: Delco 10480341
Lester Nos: 8241, 8255



46-1465
Cover - S.R.E. Frame
For: Delco AD230, AD237 Series IR/IF Alternators
Used On: (2005-03) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10333165, 10333166, 10346705
Lester Nos: 8288, 8289, 8293
Note: Similar to 46-1413 cover except 46-1465 has raised center for later style rotor.



46-1500
Bearing Retainer - D.E. Frame
For: Delco 10DN Series ER/EF; 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, CS144 Series IR/EF Alternators
Replaces: Delco 1911263, 1977674, 1988674



46-1500-1
Bearing Retainer - D.E. Frame
Same as 46-1500 except...
Note: OE design w/ felt seal.



46-1502
Bearing Retainer - D.E. Frame
For: Delco 20SI, 27SI/Type 200, 29SI Series IR/EF Alternators
Replaces: Delco 1961867



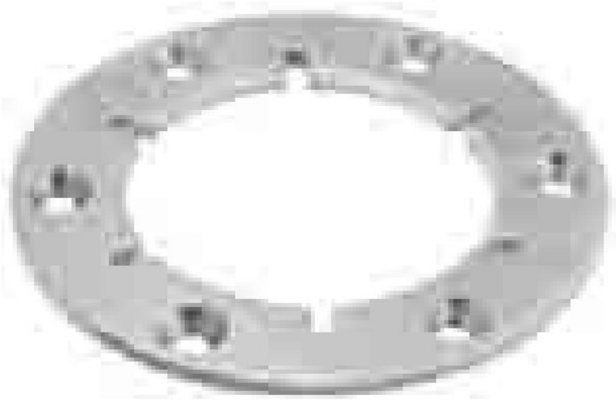
46-1503
Bearing Retainer - D.E. Frame
For: Delco 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 10497221
Note: Cast iron



46-1504
Retainer Plate
For: Delco 20SI, 27SI, 29SI Series IR/EF Alternators
Replaces: Delco 1955664



46-1505
Bearing Retainer - D.E. Frame
For: Delco CS130 Series IR/EF Alternators
Note: Used in aftermarket D.E. frames. Requires 84-1351 screws.
For clip-on type use 46-1507 bearing retainer.



46-1506
Bearing Retainer - D.E. Frame
For: Delco 50DN Series Bus Alternators
Replaces: Delco 1941060

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



46-1507
Bearing Retainer - D.E. Frame

For: Delco CS121, CS130 Series IR/EF Alternators
Note: Aftermarket design snaps over D.E. frame to secure 6203 D.E. bearing



46-1509
Bearing Retainer - D.E. Frame

For: Delco CS144 Series 124-145A IR/EF Alternators
Note: Snaps over D.E. frame to secure 6303 D.E. bearing



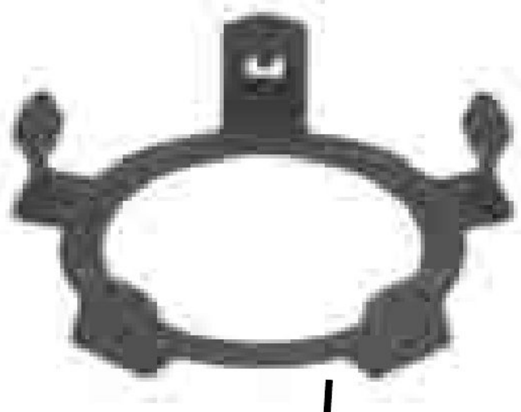
46-1510
Bearing Retainer - D.E. Frame

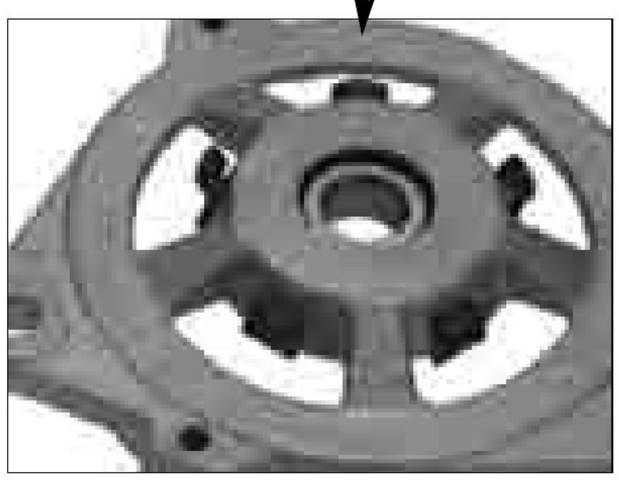
For: Delco CS130D Series IR/IF Alternators
Note: 46-1510 is similar to 46-1510-1 except 46-1510 is a 3-finger design and 46-1510-1 is a 4-finger design.
46-1510-1 retainer w/ 4-finger design eliminates the occasional rubbing noise of the retainer against the rotor spacer, however installation takes slightly longer.
Features:
- 3-finger design
- Can be used w/ early or late-style rotor spacer



46-1510-1
Bearing Retainer - D.E. Frame

Same as 46-1510 except...
Note: 46-1510-1 is similar to 46-1510 except 46-1510-1 is a 4-finger design and 46-1510 is a 3-finger design.
46-1510-1 retainer w/ 4-finger design eliminates the occasional rubbing noise of the retainer against the rotor spacer, however installation takes slightly longer.
Features:
- 4-finger design
- Can be used w/ early or late-style rotor spacer





46-1511
Bearing Retainer - D.E. Bearing

For: Delco CS130 Series IR/EF Alternators
Note: Snaps over D.E. frame to secure 6303 D.E. bearing. Used w/ OE D.E. frames ONLY.



46-1550
Mounting Bushing - S.R.E. Frame

For: Delco 20SI, 21SI, 22SI, 23SI, 25SI, 26SI, 27SI/Type 200, 29SI, 30SI, 33SI, 34S Series IR/EF Alternators
Replaces: Delco 1892765, 1968990
Dim: 1/2" ID x 7/8" OD x 13/16" L



46-1552
Mounting Bushing - S.R.E. Frame Metric

For: Delco 27SI/Type 100 Series IR/EF Alternators
Replaces: Delco 1976143
Dim: 10mm ID x 16.5mm OD x 25.5mm L



46-1553
Sleeve - D.E. Frame

For: Delco 10SI Series IR/EF Alternators
Dim: 48.5mm (1-15/16") L
Note: Reduces 10mm metric mounting hole to standard 3/8" dia.



46-1554
Spacer - Rectifier Screw

For: Delco CS121, CS130 Series IR/EF Alternators
Dim: 4mm ID x 5.5mm OD x 11mm L



46-1557
Seal - Rotor

For: Delco 10DN Series ER/EF; 10SI, 27SI/Type 200 Series IR/EF Alternators
Dim:
18.5mm ID x 23.1mm OD x 4.6mm L
.73" ID x .91" OD x .18" L
Note: Used on S.R.E. of rotors w/ .728" shaft dia.



46-1559
Mounting Bushing - S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 10498833
Unit Nos: Delco 1101266, 1101267, 1101638, 1101644, 1102644, 10479969, 10479976, 10480025, 10480157, 10480172, 10480181, 10480265
Dim:
10mm ID x 16mm OD x 20mm OAL
22mm Shoulder OD
Note: Used in 22-125, 22-145 S.R.E. frames



46-1560
Tolerance Ring

For: Delco CS121, CS130 Series IR/EF Alternators
Replaces: Delco 10469356
Dim: 26mm ID x 28mm OD x 11.3mm L
Note: Used w/ 6-100-4 ball bearing



46-1561
Seal - Rotor

For: Delco 10DN Series ER/EF; 10SI, 27SI/Type 200 Series IR/EF Alternators
Replaces: Delco 1961323, 1961523, 1986538
Dim:
17.5mm ID x 23.1mm OD x 4.6mm L
.69" ID x .91" OD x .18" L
Note: Used on S.R.E. of rotors w/ .688" shaft dia.



46-1562
Tolerance Ring

For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 10473712
Dim: 26mm ID x 28mm OD x 9.5mm L
Note: Used w/ 6-100-4 or 6-2000-4 ball bearing

46-1562-1
Tolerance Ring

Same as 46-1562 except...
Features:
• Mfd. by OE Supplier

46-1562-3
Tolerance Ring

Same as 46-1562 except...
Features:
• Best Value



46-1565
Mounting Bushing - D.E., S.R.E. Frame

For: Delco CS130* Series IR/EF; CS130D** Series IR/IF Alternators
Replaces: Delco 10476635
Unit Nos: Delco 10480182, 0218, 0240, 0260, 0262, 0264, 0301, 0307, 0351, 0354, 0378; 21021447; 21022772; 21023516, 702, 724, 969; 21024727
Dim:
8mm ID x 14mm OD x 20mm OAL
22mm Shoulder OD
Note: *Used in 22-137 S.R.E. frame.
**Used in 21-158 D.E. frame.



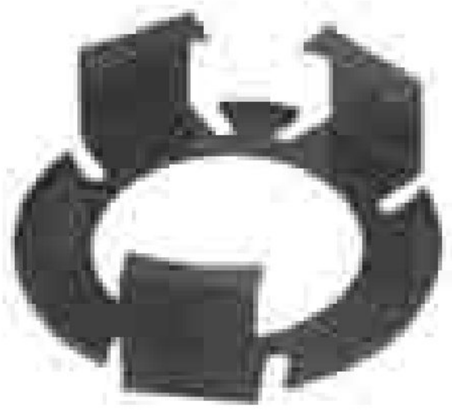
46-1566
Mounting Bushing - S.R.E. Frame

For: Delco CS130D, CS144 Series IR/IF Alternators
Replaces: Delco 10476382
Unit Nos: Delco 10480052, 10480071, 10480077, 10480119, 10480195, 10480196, 10480211, 10480217, 10480233, 10480235, 10480236, 10480237, 10480238, 10480259, 10480263, 10480280, 10480340, 10480344, 10480353, 10480357
Dim:
10mm ID x 16mm OD x 21mm OAL
22mm Shoulder OD
Note: Used in 22-139, 22-153 S.R.E. frames



46-1567
Tolerance Ring

For: Delco CS121 Series IR/EF Alternators
Used On: (1995-93) Geo, Toyota
Unit Nos: Delco 10479805*, 10480095, 10480096
Dim: 26mm ID x 28mm OD x 35mm L
Note: *Delco 10479805 alternator has 2-different designed tolerance rings which are not interchangeable.
1st design tolerance ring measures 10.2mm from end of ring to where it seats in the S.R.E. frame.
2nd design tolerance ring, 46-1567 measures 8.4mm from end of ring to where it seats in the S.R.E. frame.



46-1570
Bearing Retainer - D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Note: Snaps over D.E. frame to secure 6303 D.E. bearing.
46-1570 can ONLY be used on WAI-designed D.E. frames.



46-1572
Tolerance Ring

For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8290
Dim: 35mm ID x 37mm OD x 12.7mm L
Note: Used w/ 6202 ball bearing

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



46-1573
Spacer - Battery Terminal
For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8290
Dim: 6mm ID x 13mm OD x 25mm L



46-1576
Tolerance Ring
For: Delco 24SI, DR44G Series IR/IF Alternators
Unit Nos: Delco 8600043, 8600068, 10392759, 19020900, 19020902, 19020903
Lester Nos: 8302
Dim: 35mm ID x 11mm L
Note: Used w/ 6202 ball bearing



46-1600
Spacer - Fan
For: Delco 10DN Series ER/EF; 10SI, 15SI, 27SI/Type 100 Series IR/EF Alternators
Replaces: Delco 1959991
Dim: 17mm ID x 22.23mm OD x 5mm L



46-1601-1
Spacer - Pulley, Rotor*
For: Delco 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, CS121, CS130, CS144* Series IR/EF Alternators
Replaces: Delco 1978064, 1986000
Dim: 17mm ID x 25.5mm OD x 10mm L
Note: *Used as rotor spacer in CS144 series alternators w/ 6203 D.E. bearing & 108-120 amp rotors



46-1602-2
Spacer - Rotor
For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 1989629
Dim: 17.1mm ID x 25.5mm OD x 3mm L
Note: Used as a rotor spacer on CS130 series alternators w/ 6203 D.E. bearing
Features:
- Slightly larger ID for ease of installation



46-1603-1
Spacer - Rotor
For: Delco 10DN Series ER/EF; 10SI, 12SI, 15SI 27SI/Type 100 Series IR/EF Alternators
Replaces: Delco 1975350
Dim: 17mm ID x 22.23mm OD x 9.5mm L



46-1604-1
Spacer - Fan
For: Delco 12SI Series IR/EF Alternators
Replaces: Delco 1984476
Dim: 17mm ID x 25.5mm OD x 7mm L



46-1605
Spacer - Rotor
For: Delco 27SI/Type 200 Series IR/EF Alternators
Replaces: Delco 1970384
Dim: 25.1mm ID x 33.5mm OD x 14.5mm L



46-1606
Spacer - Fan
For: Delco 20SI, 27SI/Type 200, 29SI Series IR/EF Alternators
Replaces: Delco 1969046
Dim: 22.23mm ID x 35.5mm OD x 8mm L

SPACERS FOR DELCO CS121, CS130, CS144 SERIES



Series	D.E. Bearing	Pulley Spacer	Fan Spacer	Rotor Spacer	Note
CS121	6-203-4	46-1601-1	46-1616-2	46-1616-2	
	6-303-4	46-1601-1	46-1614	46-1615	
CS130	6-203-4	46-1601-1	46-1616-2	46-1602-2	
	6-303-4	46-1601-1	46-1616-2	46-1618	
CS144	6-203-4	46-1601-1	46-1617-1	46-1601-1	108-120A Rotors
	6-203-4	46-1601-1	46-1617-1	46-1613-1	124A Rotors
	6-303-4	46-1601-1	46-1617-1	46-1619-1	124-145A Rotors



46-1607
Spacer - Fan
For: Delco 25SI, 30SI Series IR/EF Alternators
Replaces: Delco 1968890, 10497219
Dim: 22.23mm ID x 35mm OD x 13.7mm L



46-1608
Spacer - Internal
For: Delco 25SI, 30SI Series IR/EF Alternators
Replaces: Delco 1968885
Dim: 25.1mm ID x 35mm OD x 28mm L
Note: 1st production design, use w/ 46-1503 cast iron bearing retainer.



46-1610
Taper Collar - Pulley
For: Delco 17SI, CS130D, CS144 Series IR/EF Alternators
Used On: (2000-85) Cadillac, Chevrolet, GMC
Replaces: Delco 10495168
Dim: 17mm ID x 22mm OD* x 13.5mm L
Note: Used w/ 24-1262, 24-1269 6-groove pulleys.
*OD at small end of tapered cone.



46-1613-1
Spacer - Rotor
For: Delco 15SI, 17SI, CS144* Series IR/EF Alternators
Replaces: Delco 10470799
Dim: 17mm ID x 25.5mm OD x 8.5mm L
Note: *Used in CS144 series alternators w/ 6203 D.E. bearing & 124 amp rotor



46-1614
Spacer - Fan
For: Delco CS121 Series IR/EF Alternators
Replaces: Delco 10470075
Dim: 17mm ID x 33mm OD x 5mm L



46-1615
Spacer - Rotor
For: Delco CS121 Series IR/EF Alternators
Replaces: Delco 10469501
Dim: 17mm ID x 36mm OD x 3mm L
Note: Used in CS121 series alternators w/ 6303 D.E. bearing



46-1616-2
Spacer - Fan, Rotor*
For: Delco CS121*, CS130 Series IR/EF Alternators
Replaces: Delco 1989630
Dim: 17.1mm ID x 25.5mm OD x 5.25mm L
Note: *Used as rotor spacer in CS121 series alternators w/ 6203 D.E. bearing.
Features:
• Slightly larger ID for ease of installation



46-1617-1
Spacer - Fan, Rotor*
For: Delco 15SI, 17SI, CS130D*, CS144 Series IR/EF Alternators
Replaces: Delco 1985999
Dim: 17mm ID x 25.5mm OD x 5.8mm L
Note: *Used as rotor spacer in 1st production CS130D. 2nd production CS130D used 46-1621 rotor spacer.



46-1618
Spacer - Rotor
For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 10469875
Dim: 17mm ID x 25.5mm OD x 1mm T
Note: Used in alternators w/ 6303 D.E. bearing



46-1619-1
Spacer - Rotor
For: Delco CS144 Series 124-145A IR/EF Alternators
Replaces: Delco 10470412
Dim: 17mm ID x 25.5mm OD x 6.5mm L
Note: Used in CS144 series alternators w/ 6303 D.E. bearing & 124-145 amp rotors



46-1620
Taper Collar - Pulley
For: Delco 12SI Series IR/EF Alternators
Used On: GMC Truck w/ Cummins 3.9L, 5.9L (Diesel) Engine
Replaces: Cummins 3908563
Dim: 17mm ID x 20mm OD* x 13.5mm L
Note: Used w/ 24-1270 8-groove pulley.
*OD at small end of tapered cone.



46-1621
Spacer - Rotor
For: Delco AD230, AD237, AD244, CS130D Series IR/IF Alternators
Dim: 17mm ID x 40.1mm OD x 6.1mm L

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



46-1622
Taper Collar - Pulley

For: Delco 10SI, 15SI, CS130 Series IR/EF Alternators
Used On: Freightliner
Replaces: Delco 1987801
Dim: 17mm ID x 22mm OD* x 17mm L
Note: Used w/ 24-1276 8-groove pulley.
*OD at small end of tapered cone.



46-1625
Spacer - Rotor

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232
Dim: 17mm ID x 46.7mm OD x 10.2mm L



46-1700
Washer Plate - Relay Term.

For: Delco 20SI, 29SI, 33SI, 34SI Series IR/EF Alternators
Dim: 7.5mm (5/16") ID
Note: Included in 49-1506, 49-1518 relay terminal kits



46-1702
Debris Shield - D.E. Frame

For: Delco 25SI, 30SI Series IR/EF Alternators
Replaces: Delco 1968891



46-1703
Bracket - Volt. Adj. Block

For: Delco 10SI, 27SI/Type 200 Series IR/EF Alternators
Replaces: Delco 1852043, 1952043



46-1704
Capacitor Retainer

For: Delco 10DN Series ER/EF Alternators
Replaces: Delco 1960750



46-1705
Debris Shield - D.E. Bearing

For: Delco 20SI, 27SI/Type 200, 29SI Series IR/EF Alternators
Replaces: Delco 1969070



46-1707
Cover - S.R.E. Bearing

For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8290
Dim: 14.9mm ID x 32mm OD



46-1800
Dust Cap - Rectifier End Bearing

For: Delco 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1876813



46-1801
Repair Harness - Regulator

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI/Type 100 Series IR/EF Alternators
Note: Fits plug code 151



46-1803
Repair Harness - Regulator

For: Delco CS121, CS130, CS144 Series IR/EF Alternators
Note: For test lead use WAA9SI.



46-1804 (Best Value) / DNM440 (Transpo)
Regulator Plug Adapter
3-Terminal, wo/ Built-In Circuitry

For: Delco CS121 Series IR/EF Alternators
Used On: Geo, Toyota
Unit Nos: Delco 1101626*, 10479805; Toyota 27060-02020, 27060-74200*
Note: *D440-1 regulator & 46-1804 (DNM440) plug adapter will replace the earlier design, 3-terminal plug adapter w/ built-in circuitry & Delco 1116411 regulator.
Converts plug code 310 to 280.
Components:
41-1103 Gasket



46-1805
2-Wire Plug Connection
For: Delco 10SI/Type 110 Series IR/EF Alternators
Used On: Mercury Marine
Replaces: Delco 1988381
Unit Nos: Delco 1100180, 1100267, 1103113, 1103114, 1103193, 1105064, 1105065, 1105078, 1105088, 1105097
Note: w/ diode. Used in the spark arresting cover mounted on the S.R.E. frame.



46-1806-1
Regulator Plug Adapter 3-Terminal, Oval Shape
For: Delco CS121 Series IR/EF Alternators
Used On: (1995-93) Geo, Toyota
Unit Nos: Delco 10480095, 10480096
Note: Converts plug code 310 to 312. Includes mounting bracket



46-1807
Adapter Plug 2-Terminal
For: Delco CS121 Series IR/EF Alternators
Used On: (1990) Geo, Isuzu
Replaces: Delco 10470731
Unit Nos: Delco 1101584, 1101639
Note: 46-1807 is an aftermarket repair for the Delco 2-terminal plug adapter that was prone to failure. 46-1807 is used with the original Delco 1116411 (D411) regulator. Converts plug code 310 to 282. Allows use of D411 regulator in D440 application.



46-1810
(Ref# WAA130D) Repair Harness - Regulator 4-Wire
For: Delco AD230, AD237, AD244, CS130D Series IR/IF Alternators
Note: Fits plug codes 313 and 314



46-1850
Bracket - Capacitor
For: Delco 10SI, 12SI, 15SI, 17SI, 20SI, 27SI, 29SI, 30SI Series IR/EF Alternators
Replaces: Delco 1869573



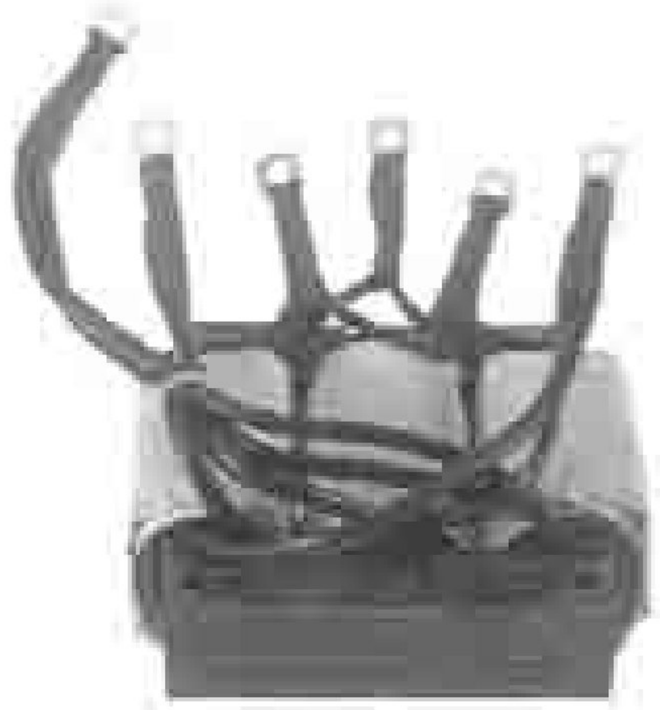
46-1851
Resistor
For: Delco 10SI, 12SI, 15SI, 17SI, 27SI/Type 100 Series IR/EF Alternators
Replaces: Delco 830478
Dim: 40 ohm



46-1852
Resistor & Reg. Sense Terminal
For: Delco 17SI Series IR/EF Alternators
Replaces: Delco 1984826
Unit Nos: Delco 1100278, 1105491, 1105613, 1105656, 10479858, 10479870
Dim: 200 ohm



46-1853
Voltage Adjustment Block
For: Delco 10SI/Type 116, 27SI/Type 200, 30SI Series IR/EF Alternators
Replaces: Delco 801548
Note: Used w/ 46-1854 voltage-adjustment cap



46-1855
Transformer
For: Delco 30SI/TR Series IR/EF Alternators
Replaces: Delco 1979131
Note: Included in 48-133 transformer rectifier assy.



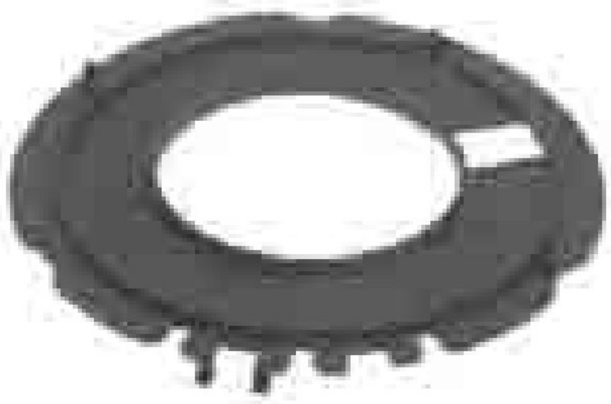
46-1856
Baffle - Internal
For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 1989655
Dim: 60.5mm ID
Note: Used in most CS130 applications. Also see 46-1862 baffle w/ larger 72.5mm ID.
Features:
• OE design

DELCO (cont'd.)



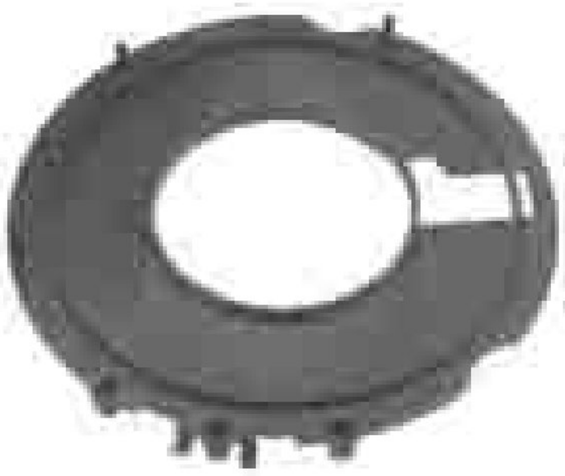
46-1856-3
Baffle - Internal

Same as 46-1856 except...
Features:
- Designed with round stator lead holes instead of oval for ease of installation if stator leads are twisted or have excess solder on them
- Designed with access hole eliminating the need to desolder stator leads and remove baffle to tighten battery terminal
- Saves time when converting round or square battery terminal posts
- WAI exclusive design



46-1856-4
Baffle - Internal

Same as 46-1856 except...
Features:
- Open stator lead slots allow removal and installation of assembled stator/rectifier assys.



46-1857
Baffle - Internal

For: Delco CS121 Series IR/EF Alternators
Note: Used in most CS121 applications. Also see 46-1867 baffle w/ mounting pins at different locations.



46-1858
Rectifier Cover

For: Delco CS121, CS130 Series IR/EF Alternators
Replaces: Delco 1989665, 10470733



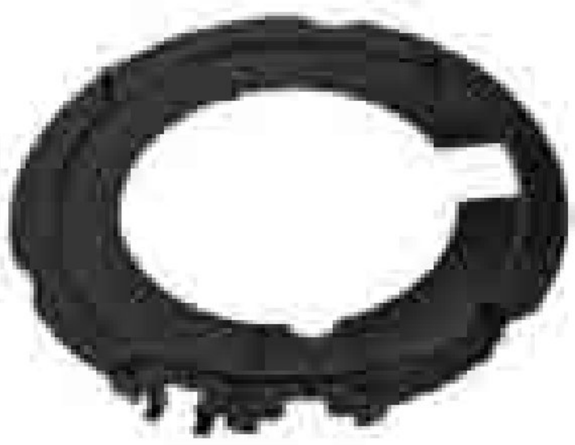
46-1860
Spark Arresting Screen

For: Delco 10SI/Type 110 Series IR/EF Alternators
Used On: Mercury Marine
Replaces: Delco 1976482
Features:
- 3-piece design



46-1861
Pin - Baffle & Cover

For: Delco CS121, CS130 Series IR/EF Alternators
Note: Replacement pin used in 46-1400, 46-1401, 46-1402 S.R.E. covers; 46-1856, 46-1857, 46-1862, 46-1867 fan baffles



46-1862
Baffle - Internal

For: Delco CS130 Series IR/EF Alternators
Used On: (1998-92) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10474090
Unit Nos: Delco 10479998, 10480105, 10480265
(cont'd.)

(cont'd.)
Lester Nos: 8130, 8225
Dim: 72.5mm ID
Note: Large 72.5mm ID for Delco rotors with plastic version of metal fan. For baffle used in most CS130 applications see 46-1856.



46-1864
Repair Pin - S.R.E. Cover

For: Delco CS121, CS130 Series IR/EF Alternators
Note: 46-1864 is a repair pin & locking mechanism for 46-1400, 46-1401, 46-1402 S.R.E. covers.
To install:
- Break off damaged lock tab from the cover
- Drill the existing hole to 5/32"
- Install 46-1864 repair pin.



46-1865
Repair Pin - Fan Baffle

For: Delco CS121, CS130 Series IR/EF Alternators
Note: 46-1865 is a repair pin & locking mechanism for 46-1856, 46-1857, 46-1862, 46-1867 fan baffles.
To install:
- Break off damaged lock tab from the baffle
- Drill the existing hole to 13/64"
- Install 46-1865 repair pin.



46-1867
Baffle - Internal

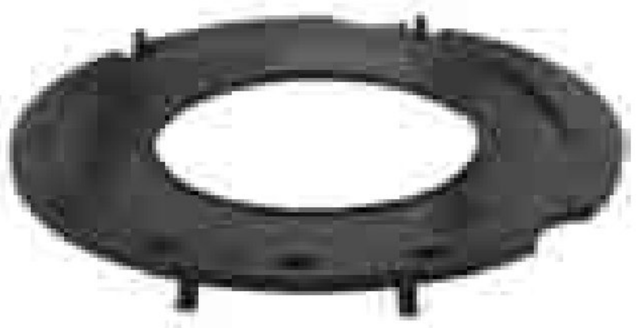
For: Delco CS121 Series IR/EF Alternators
Used On: (1993-88) Pontiac
Replaces: Delco 10495213
Unit Nos: Delco 1101531, 1101563, 1101564, 1101816
Note: Similar to 46-1857 baffle used on most CS121 applications except for location of mounting pins



46-1868
Resistor
For: Delco 27SI/Type 200 Series IR/EF Alternators
Dim: 150 ohm
Note: Connects from battery terminal to pin-type R-terminal for faster cut-in speed



46-1869
(Ref# WAA10C)
Adapter Plug Extension
For: Delco 10SI, 12SI, 15SI, 17SI, 27SI Series IR/EF Alternators
Note: Extends wire harness to allow for additional clock positions.
Fits plug code 151



46-1870
Baffle - Internal
For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232



46-1873
Adapter Plug
For: Delco 10SI Series IR/EF Alternators
Used On: AMC
Replaces: AMC 8128393, Ref# S-3300
Note: Anti-Feed Back Harness for 10SI equipped AMC. Eliminates ignition feed back.



46-2502
Bearing Retainer - D.E. Frame
For: Delco 21SI, 22SI Series IR/EF; Ford 1G Truck 65-90A ER/EF Alternators
Replaces: Delco 10467271; Ford C7TZ-10A355-A, GY-840



46-2602
Spacer - Packaging
For: Delco 10DN, 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, CS121, CS130, CS144 Series IR/EF Alternators; Ford 1G Series ER/EF, 2G Series IR/EF, 3G Series IR/IF Alternators
Dim: 17mm ID x 20mm OD x 16.5mm L
Note: Metal spacer used to secure fan when testing & packaging alternators wo/ pulley.
For paper tube version use 89-902.



46-5550
Repair Bushing
For: Delco 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF, Leece-Neville 2300-2800JB Series Alternators
Dim: 1/2" ID x 3/4" OD x 17/32" L
Note: 46-5550 repair bushing is for salvaging worn D.E. housings where the bottom mounting foot hole has been worn egg-shaped



48-133
Transformer Rectifier Assembly
For: Delco 30SI/TR Series, Neg. Grd. IR/EF Alternators
Replaces: Delco 1979174
Components:
46-1855 Transformer
DR5040-1 Rectifier

DELCO (cont'd.)



49-1103
Repair Kit

For: Delco 27SI/Type 200 Series, 12V Neg. Grd. IR/EF Alternators
Note: Same as 49-1701 small parts kit, except 49-1701 does not contain brush holder assy, rectifier and regulator.
Components:
6-305-4 Ball Bearing
8-109 Needle Bearing
39-105 Brush Holder Assy.
41-1300 Relay Term. Boot
41-1307 Regulator Plug
42-1302 Battery Term. Insulator
42-1304 Relay Term. Insulator
46-1101 Capacitor
46-1154 Relay Terminal
46-1159 Battery Terminal
46-1252 Wire Lead
46-1304 Connector
46-1305 Connector
46-1502 Bearing Retainer
46-1557 Rotor Seal
46-1605 Rotor Spacer
46-1606 Spacer - Fan
46-1705 Debris Shield
46-1850 Capacitor Bracket
84-1202 Screw w/ Insulator
84-1212 Screw
84-1214 Screw
84-1218 Screw
84-1323 Screw
84-1407 Thru Bolt
84-2200 Hex Nut
84-2201 Hex Nut
84-2306 Hex Nut
84-2601 Hex Nut
84-4401 Split Lock Washer
84-4609-1 Flat Washer
84-5900 Split Roll Pin
84-7200 Insulating Washer
84-7300 Insulating Washer
89-900 Packaging Spacer
D33-1 (35-126-2) Regulator
D1001 (33-102) Diode Trio
DR5080-1 (31-109) Rectifier



49-1107
Regulator Conversion Kit

For: Delco 25SI Series 12V IR/EF Alternators
Replaces: Delco 10457103, D692
Note: Replaces 25SI series regulator with 26SI series regulator
Components:
33-106 Diode Trio
42-1303 Insulator, Brush Holder Screw
76-1600-1 Grd. Lead
84-1207 Screw 8-32 x 1-1/2 L
84-1225 Screw 8-32 x 1 L
84-1226 Screw 8-32 x 31/32 L
84-1237 Screw 8-32 x 2-1/8 L
84-2201 Kep Nut 8-32
84-4203 Flat Washer
D33-1 (35-126-2) Regulator
Features:
- Super-low cut-in speed
- Increased alternator output
- Increased reliability
- Includes diode trio/capacitor, mounting plate, hardware, wire leads
- Can replace positive or negative ground 25SI regulators



49-1108
Regulator Conversion Kit

For: Delco 25SI Series 24V Neg. Grd. IR/EF Alternators
Replaces: Delco 10457127, D693
Note: Replaces 25SI series regulator with 26SI series regulator
Components:
33-106 Diode Trio
42-1303 Insulator
84-1207 Screw 8-32 x 1-1/2 L
84-1225 Screw 8-32 x 1 L
84-1226 Screw 8-32 x 31/32 L
84-1237 Screw 8-32 x 2-1/8 L
84-2201 Kep Nut 8-32
D104HD-1 (35-106) Regulator
Features:
- Over-voltage protection (secondary regulation)
- Includes diode trio/capacitor, mounting plate, hardware, wire lead



49-1118
Repair Kit

For: Delco 25SI, 26SI Series Neg. Grd. IR/EF Alternators
Components:
6-305-4 D.E. Bearing
8-107 Needle Bearing
8-108 Bearing Inner Race
41-1100 Gasket, Rectifier Cover
41-1101 Gasket, Bearing Retainer
41-1300 Boot, Relay Terminal
41-1302 Grommet, Lead Support
41-1303 Boot, Battery Terminal (Red)
41-1702 Seal, D.E. Bearing
42-1101 Insulator, Rectifier
42-1300 Insulator No. 8 ID
46-1160 Batt. Term., Female (7/16-14 Hole)
46-1161 Battery Terminal, Male (7/16-14)
46-1550 Mounting Bushing
46-1800 Bearing Cover Plug
84-1207 Screw 8-32 x 1-1/2 L
84-1312 Screw 10-24 x 1-3/8 L
84-1313 Screw 10-24 x 3/4 L
84-1339 Screw 10-24 x 13/16 L
84-1363 Thru Bolt
84-2601 Hex Nut, Pulley
84-4300 External Tooth Lock Washer, No. 10 ID
84-4609-1 Flat Washer, Pulley



49-1120
Repair Kit - Rotor

For: Delco CS130D Series IR/IF Alternators
Components:
28-1413-1 Fan
28-1432 Insulator
28-1856 Slip Ring
84-1102 Screws



49-1500
Terminal Kit - Ground

For: Delco 10DN Series ER/EF Alternators
Replaces: Delco 1959833
Dim: 10-32 x 1-1/4 L Terminal
Components:
42-1301 Insulator
46-1152 Ground Terminal
84-2305 Kep Nut 10-32
84-7300 Insulating Washer



49-1501
Terminal Kit - Battery

For: Delco 10DN Series ER/EF Alternators
Replaces: Delco 1959832
Dim: 12-24 x 1-3/8 L Terminal
Components:
42-2300 Insulator
46-1151 Battery Terminal
84-2306 Hex Nut 12-24
84-7300 Insulating Washer



49-1502
Terminal Kit - Battery
Metric

For: Delco 10SI, 12SI, 15SI, 17SI, 21SI, 22SI, CS144 Series IR/EF Alternators
Replaces: Delco 1975471, 10479702
Dim: 12-24 Int., M6 x 1.0 Ext. Terminal
Components:
42-1302 Insulator
46-1157 Battery Terminal
84-2306 Kep Nut 12-24
85-2301 Hex Nut M6 x 1.0

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



49-1503
Terminal Kit - Battery
Standard

For: Delco 10SI Series IR/EF Alternators
Replaces: Delco 1846900
Dim: 12-24 Int., 12-24 Ext. Terminal
Components:
42-1302 Insulator
46-1156 Battery Terminal
84-2306 Kep Nut 12-24



49-1504
Terminal Kit - Relay

For: Delco 10SI, 12SI, 15SI, 17SI Series IR/EF Alternators
Replaces: Delco 1851714
Components:
41-1300 Boot
42-1304 Insulator
46-1154 Relay Terminal
46-1300 Connector
84-2201 Kep Nut 8-32
84-7200 Insulating Washer



49-1505
Terminal Kit - Battery

For: Delco 20SI, 29SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1894626, 1974414
Dim: 1/4-28 x 1-3/16 L Terminal
Components:
42-1306 Insulator
46-1153 Battery Terminal
84-2406 Hex Nut 1/4-28
84-4401 Lock Washer
84-4403 Flat Washer
84-7400 Insulating Washer



49-1506
Terminal Kit - Relay

For: Delco 20SI, 29SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1894627
Components:
42-1300 Insulator
42-1304 Insulator
46-1154 Relay Terminal
46-1700 Washer Plate
84-2201 Kep Nut 8-32
84-4203 Flat Washer



49-1507
Terminal Kit - Battery

For: Delco 25SI, 26SI Series Neg. Grd. IR/EF Alternators
Replaces: Delco 1971674
Dim: 1/4-20 Post Int., 7/16-14 Hole Ext. Terminal
Components:
41-1303 Boot, Red
41-1311 Insulator
46-1160 Battery Terminal
84-2405 Hex Nut 1/4-20
84-4401 Lock Washer
84-4403 Flat Washer



49-1509
Terminal Kit - Battery
Standard

For: Delco 27SI/Type 100, 200 Series IR/EF Alternators
Replaces: Delco 1846901
Dim: 12-24 Int., 12-24 Ext. Terminal
Components:
42-1302 Insulator
46-1159 Battery Terminal
84-2306 Kep Nut 12-24
84-7300 Insulating Washer



49-1511
Terminal Kit - Relay

For: Delco 27SI Series IR/EF Alternators
Replaces: Delco 1852519
Components:
41-1300 Boot
42-1304 Insulator
46-1154 Relay Terminal
46-1305 Connector
84-2201 Kep Nut 8-32
84-7200 Insulating Washer



49-1512
Ground Connector Kit

For: Delco 10SI/Type 110 Series IR/EF Alternators
Used On: Marine Applications
Replaces: Delco 801591
Components:
46-1315 Connector
84-1331 Screw 10-32



49-1514
Terminal Kit - Battery
For: Delco 30SI Series IR/EF Alternators
Replaces: Delco 1876897, 10497168
Dim: 1/4-28 x 1-1/2 L Terminal
Components:
42-1104 Insulator, Square Hole
42-1308 Insulator, Round Hole
46-1164-1 Battery Terminal
84-2404 Nut 1/4-28
84-4401 Lock Washer
84-4403 Flat Washer



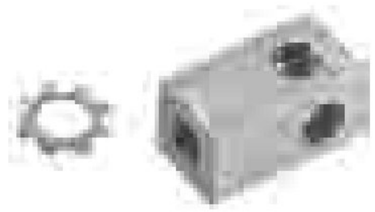
49-1515
Terminal Kit - Transformer Rectifier
For: Delco 30SI/TR Series IR/EF Alternators
Dim: 10-32 x 15/16 L Term.
Components:
42-1104 Insulator, Square Hole
42-1305 Insulator, Rectifier Screw
42-1308 Insulator, Round Hole
84-2310 Hex Nut 10-32
84-4304 Flat Washer
84-4309 Lock Washer



49-1516
Terminal Kit - Battery
For: Delco CS121, CS130 Series IR/EF Alternators
Replaces: Delco 10497130
Dim: M5 x 0.8 Int.,
M6 x 1.0 Ext. Terminal
Components:
42-1309 Insulator
46-1167 Battery Terminal
85-2300 Kep Nut M5 x 0.8
85-2301 Hex Nut M6 x 1.0



49-1518
Terminal Kit - Relay
For: Delco 20SI, 29SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1976903
Dim: 8-32 Int., 10-24 Ext. Terminal
Components:
42-1300 Insulator
42-1304 Insulator
46-1172 Relay Terminal
46-1700 Washer, Plate
84-2201 Kep Nut 8-32
84-2308 Hex Nut 10-24
84-4203 Flat Washer
84-4309 Lock Washer



49-1519
Terminal Adapter Kit - Battery
For: Delco CS130, CS144 Series IR/EF Alternators
Dim: M6 x 1.0 Holes, 21mm L
Note: For converting alternators
w/ 46-1167 round battery terminal to square battery terminal
Components:
46-1173 Terminal Adapter



49-1521
Terminal Kit - Battery
For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10456417
Dim: 12-24 Int., 1/4-28 Ext. Terminal
Components:
42-1302 Insulator
46-1175 Battery Terminal
84-2306 Kep Nut 12-24
84-2406 Hex Nut 1/4-28
84-4401 Lock Washer

DELCO (cont'd.)



49-1522
Terminal Kit - Battery

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10456427
Dim: 12-24 Int., 5/16-18 Ext. Terminal
Components:
42-1302 Insulator
46-1174 Battery Terminal
84-2306 Kep Nut 12-24
84-2407 Hex Nut 5/16-18
84-4402 Lock Washer



49-1523
Terminal Kit - Relay

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10479701
Dim: 8-32 Int., 10-24 Ext. Terminal
Note: Similar to 49-1527 except 49-1527 includes anti-feedback diode
Components:
42-1312 Insulator
46-1184 Relay Terminal
84-2200 Hex Nut 8-32
84-2308 Hex Nut 10-24
84-4201 Lock Washer No. 8
84-4309 Lock Washer No. 10
84-7200 Washer



49-1524
Terminal Kit - Relay, I-Terminal

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10479703
Dim: 8-32 Int., M4 x 0.7 Ext. Terminal
Components:
42-1312 Insulator
46-1181 Relay Terminal
84-2201 Kep Nut 8-32
84-7200 Insulating Washer
85-2200 Hex Nut M4 x 0.7



49-1525
Terminal Kit - Relay

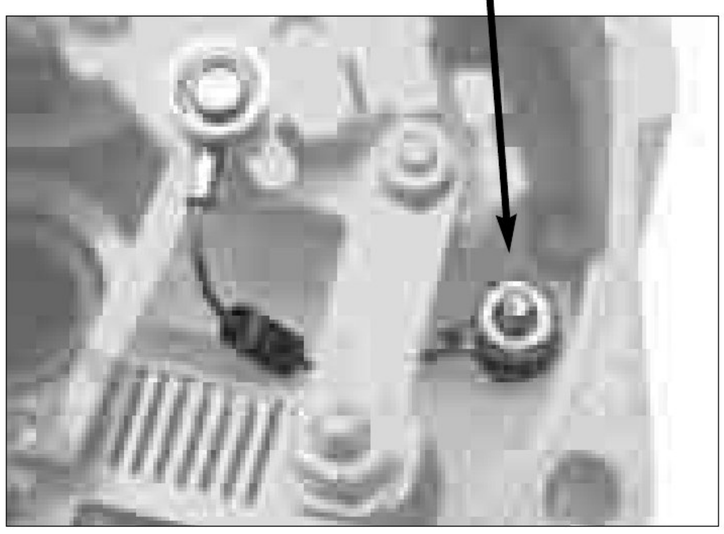
For: Delco 21SI Series IR/EF Alternators
Replaces: Delco 10457159
Components:
42-1312 Insulator
46-1154 Relay Terminal
84-2200 Hex Nut 8-32
84-4201 Lock Washer
84-7200 Insulating Washer



49-1526
Terminal Kit - Relay

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10457159
Dim: 8-32 Int., 10-24 Ext. Terminal
Components:
42-1312 Insulator
46-1183 Relay Terminal
84-2200 Hex Nut 8-32
84-2303 Hex Nut 10-24
84-4201 Lock Washer No. 8
84-7200 Insulating Washer
Features:
- Universal relay terminal that replaces both the 'pin' type and 10-24 threaded relay terminals





49-1527
Terminal Kit - I-Terminal

For: Delco 21SI Series IR/EF Alternators
Replaces: Delco 10479701
Dim: 8-32 Int., 10-24 Ext. Terminal
Note: Similar to 49-1523 except 49-1523 does not include anti-feedback diode
Components:
42-1312 Insulator
46-1184 Relay Terminal
84-2200 Hex Nut 8-32
84-2308 Hex Nut 10-24
84-4201 Lock Washer No. 8
84-4309 Lock Washer No. 10
84-7200 Insulating Washer
Features:
- Axial diode is designed for quick installation inside the alternator. Does not have to be spliced into a wire from ignition switch.
- Anti-feedback diode allows alternator to be excited directly from ignition switch while preventing diode-trio feedback that can keep the engine running at shutdown.



49-1701
Small Parts Kit

For: Delco 27SI/Type 200 Series, 12V Neg. Grd. IR/EF Alternators
Note: Small parts kit containing battery terminal, bearings, capacitor, connectors, diode trio, hardware, insulators, relay terminal, seals, spacers, thru bolts. Same as 49-1103 repair kit, except 49-1103 also contains brush holder assy, rectifier and regulator.
Components:
6-305-4 Ball Bearing
8-109 Needle Bearing
33-102 Diode Trio
41-1300 Relay Term. Boot
41-1307 Regulator Plug
42-1302 Battery Term. Insulator
42-1304 Relay Term. Insulator
46-1101 Capacitor
46-1154 Relay Terminal
46-1159 Battery Terminal
46-1252 Wire Lead
46-1304 Connector
46-1305 Connector
46-1502 Bearing Retainer
46-1557 Rotor Seal
46-1605 Rotor Spacer
46-1606 Spacer - Fan
46-1705 Debris Shield
46-1850 Capacitor Bracket
84-1202 Screw w/ Insulator
84-1212 Screw
84-1214 Screw
84-1218 Screw
84-1323 Screw
84-1407 Thru Bolt
84-2200 Hex Nut
84-2201 Hex Nut
84-2306 Hex Nut
84-2601 Hex Nut
84-4401 Split Lock Washer
84-4609-1 Flat Washer
84-5900 Split Roll Pin
84-7200 Insulating Washer
84-7300 Insulating Washer
89-900 Packaging Spacer

DELCO (cont'd.)



49-4102
Alternator Conversion Kit

For: Converting Delco 10SI Series Alternators to replace Motorola/Prestolite Alternators w/ 1" or 2" Mtg. Spools and 1- or 3-Mtg. Hole D.E. Frames

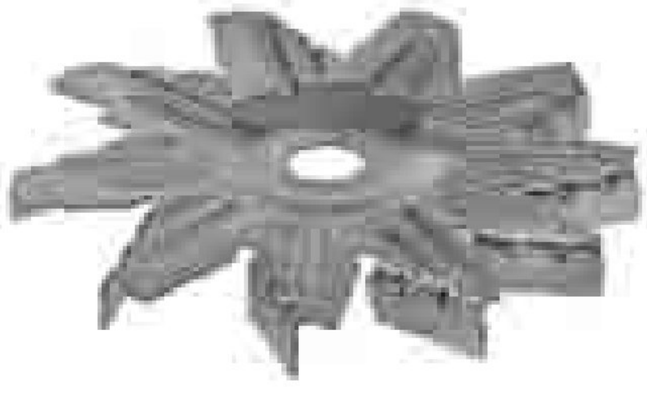
Features:
- 49-4102 kit is used w/ common Delco 10SI parts
- Reduce your inventory of Motorola parts. By using 49-4102 kit with a Delco S.R.E. frame assy. you eliminate stocking 16-rectifiers, 16-regulators, 4-rotors, 4-stators, 10-pulleys, 8-S.R.E. frames, 8-D.E. frames & many Motorola small parts.
- Field tested for reliability and acceptability



76-1954
Pipe Plug - Oil Reservoir

For: Delco 10MT, 20MT, 22MT, 25MT, 26SI, 27MT, 30MT, 35MT, 40MT, 50MT, SD300 Series DD Starters
Replaces: Delco 453465, 10040001, 10476561
Dim: 1/8-27 NPT

FORD

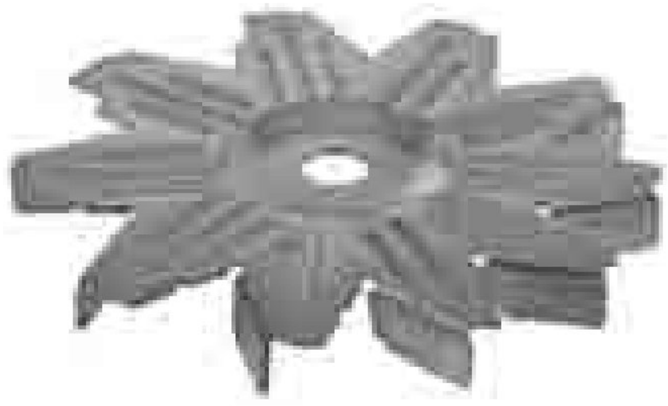


25-100
Fan

For: Delco 10DN Series ER/EF, 10SI Series IR/EF; Ford 1G Series 40-65A ER/EF, 2G Series IR/EF Alternators
Replaces: Delco 800594; Ford D9ZZ-10A310-A, E5SZ-10A310-A, E6SZ-10A310-A, E8FZ-10A310-A
Dim: 17mm ID x 136mm OD

25-100-1
Fan

Same as 25-100 except...
Features:
- Zinc-yellow plated



25-106
Fan

For: Delco 27SI/Type 100 Series IR/EF, Ford 1G Series 70-100A ER/EF Alternators
Replaces: Delco 801808; Ford D9AZ-10A310-A, E6DZ-10A310-C, GP-602, GP-626
Dim: 17mm ID x 160mm OD



25-200-1
Fan

For: Ford 2G Series IR/EF Alternators
Replaces: Ford E73Z-10A310-A, GP-624, GP-624-A
Dim: 17mm ID x 140mm OD
Note: Molded plastic & galvanized steel turbo fan



25-201
Fan

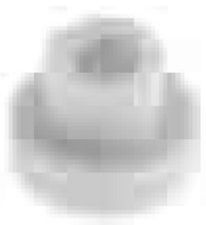
For: Ford 1G Series Truck 65-90A, 1G Series Blue Back Truck 70-90A ER/EF Alternators
Replaces: Ford D0AZ-10A310-A, GP-496
Dim: 22.35mm (.880") ID x 160mm OD



26-213-3
Chrome Plated Alternator Kit
For: Ford 1G Series 40-65A ER/EF Alternators
Lester Nos: 7057, 7058, 7078, 7079



31-2202
Positive Heat Sink
For: Ford 3G Series IR/IF Alternators
Features:
- Nickel plated aluminum positive heat sink is stamped & then coined to assure superb consistency



31-2301
Insulator - Rectifier
For: Ford 3G Series 75-130A, 6G Series 105-135A IR/IF Alternators



31-2603
Circuit Board - Rectifier
For: Ford 6G Series IR/IF Alternators
Unit Nos: Ford 98AZ-10346-EA, 98AZ-10346-FA, F81Z-10346-BA, F81Z-10346-CA, F81Z-10346-DA, F81Z-10346-EA, F81Z-10346-GA, F8AZ-10346-AB, F8RZ-10346-CC, XF2Z-10346-AA, XF2Z-10346-BA, XR3Z-10346-AA, XS8Z-10346-BB
Note: Ford 6G Series used several different circuit boards that are NOT interchangeable. 31-2603 is used w/ 8-diode Y-connected rectifiers and stators with 2-leads/phase.



42-2100
Insulator - Brush Screw
For: Ford 2G Series IR/EF Alternators
Dim: 10.3mm (13/32") OD
Note: With adhesive back



42-2101
Insulator - Field Terminal (Int.)
For: Ford 1G Series 40-65A ER/EF Alternators
Replaces: Ford C5AZ-10329-C, GY-911



42-2102-1
Insulator - Rectifier
For: Ford 3G, 6G Series IR/IF Alternators



42-2300
Insulator - Battery Terminal (Ext.)
For: Delco 10DN Series; Ford 1G Series 40-100A, 1G Series Truck 65-90A, 1G Series Blue Back Truck 70-90A ER/EF Alternators
Replaces: Ford C5AZ-10329-A, GY-910
Dim: 6.5mm (1/4") ID
Note: Red color. Included in 49-1501 battery terminal kit.



42-2301
Insulator - Field Terminal (Ext.)
For: Ford 1G Series 40-65A ER/EF Alternators
Replaces: Ford C5AZ-10329-D, GY-912
Dim: 5mm (No. 10) ID
Note: White color



42-2302
Insulator - Battery Terminal (Int.)
For: Ford 1G Series 40-65A, 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford E2HZ-10A383-A, GY-1347
Dim: 6.5mm (1/4") ID
Note: Red color



42-2303
Insulator - Stator Terminal (Int.)
For: Ford 1G Series 40-65A, 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford C5AZ-10A383-B, C9SF-10B304-A
Dim: 5mm (No. 10) ID
Note: Red color

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

FORD (cont'd.)



42-2304
Insulator - Stator Terminal (Ext.)

For: Ford 1G Series 40-65A, 1G Series Truck 65-90A, 1G Series Blue Back Truck 70-90A ER/EF Alternators
Replaces: Ford C5AZ-10329-B
Dim: 5mm (No. 10) ID
Note: Black color



42-2305
Insulator - Rectifier

For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford D3VY-10A383-A, GY-1301
Dim: 6.5mm (1/4") ID



42-2306
Insulator - Battery Terminal

For: Ford 3G Series IR/IF Alternators
Dim: 7mm ID
Note: Red color. 1st production design, for 2nd production design use 42-2308.



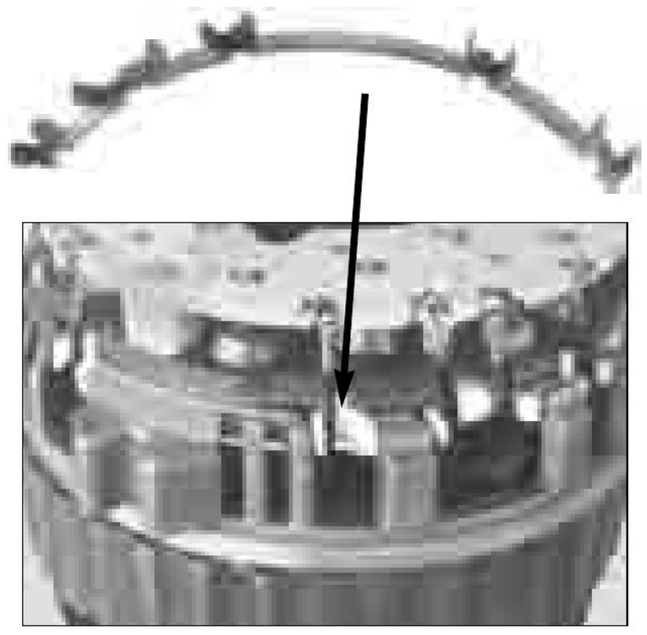
42-2308
Insulator - Battery Terminal

For: Ford 3G Series IR/IF Alternators
Replaces: Ford F1DZ-10329-A, GY-1410
Dim: 12.6mm ID
Note: Red color. 2nd production design, for 1st production design use 42-2306.



42-2309
Cap - Regulator Terminal

For: Ford 3G Series IR/IF Alternators
Replaces: Ford F1DZ-10563-A
Dim: 12.8mm OD
Note: Gray color. Cover for brush screw.



42-2310
Insulator - Stator Leads

For: Ford 3G Series 75-95A IR/IF Alternators
Note: Used w/ 133mm dia. heat sink.
Features:
- Designed by WAI
- Insulates the stator leads from the rectifier negative heat sink.



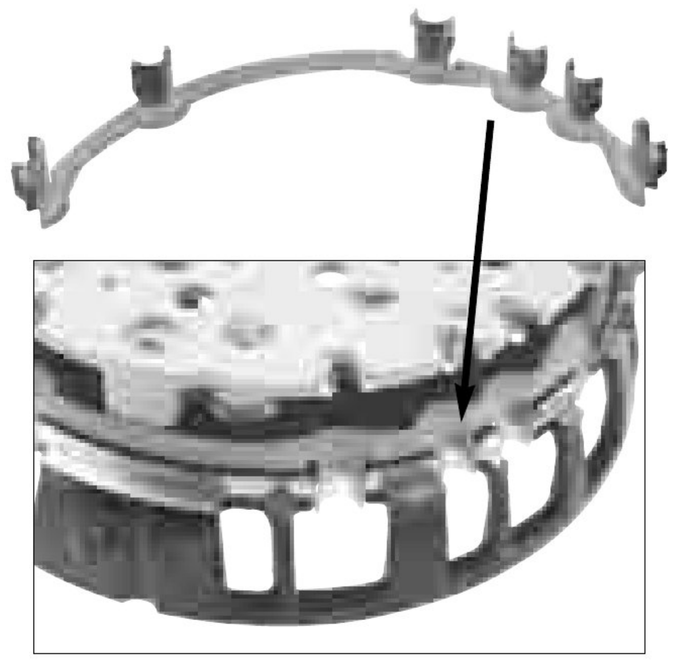
42-2311
Insulator - Stator Leads

For: Ford 3G Series 115-130A IR/IF Alternators
Note: Used w/ 146mm dia. heat sink.
Features:
- Designed by WAI
- Insulates the stator leads from the rectifier negative heat sink.



42-2312
Insulator - Batt. Term.

For: Ford 6G Series IR/IF Alternators
Note: Red color



42-2313
Insulator - Stator Leads

For: Ford 6G Series 105A Small Frame IR/IF Alternators
Features:
- Designed by WAI
- Insulates the stator leads from the rectifier negative heat sink.



42-2314
Insulator - Stator Leads

For: Ford 6G Series 135A Large Frame IR/IF Alternators
Features:
- Designed by WAI
- Insulates the stator leads from the rectifier negative heat sink.



42-2315
Insulator - Battery Terminal

For: Ford 6G Series IR/IF Alternators
Unit Nos: Ford 98AB-10300-FC, 98AZ-10346-FA, XS8Z-10346-AA, XS91-10300-AE, YC1U-10346-DA
Lester Nos: 8254, 8261
Note: Red color



42-2700
Insulator - Stator Lead

For: Ford 3G Series 75-130A IR/IF Alternators
Dim: 25.4mm (1") L



46-2100
Capacitor
For: Ford 1G Series 40-65A ER/EF Alternators
Replaces: Ford C6AZ-18827-A, GY-815
Dim: .5MF



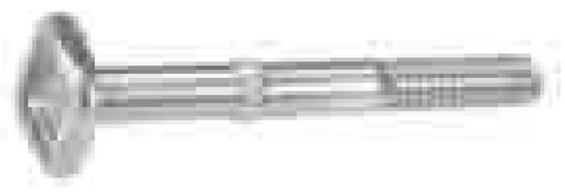
46-2101
Capacitor
For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford D2OZ-18827-A, GY-1028
Dim: .5MF



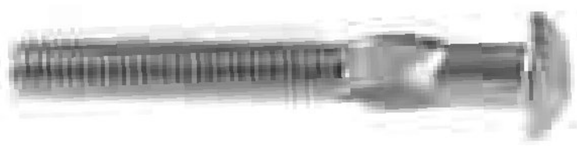
46-2103
Battery Terminal
For: Ford 6G Series IR/IF Alternators
Dim: M6 x 1.0 x 29.5mm L



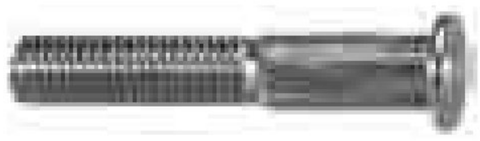
46-2150
Field Terminal
For: Ford 1G Series 40-65A ER/EF Alternators
Replaces: Ford 379251-S
Dim: 10-32 x 3/4 L



46-2151
Stator Terminal
For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford 389343-S
Dim: 10-24 x 1-3/4 L



46-2155
Stator Terminal
For: Ford 1G Series 40-65A ER/EF Alternators
Dim: 10-32 x 1-1/2 L, Twist Lock



46-2156
Battery Terminal
For: Ford 3G Series IR/IF Alternators
Dim: M6 x 1.0 x 36.5mm L



46-2157
Terminal
For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford 389342-S8B
Lester Nos: 7712
Dim: 10-24 x 1-3/32 L
Note: Used in 39-205 Brush Holder Assy.



46-2158
Battery Terminal
For: Ford 3G, 6G Series IR/IF Alternators
Unit Nos: Ford F0DF-10300-BA, F0DU-10300-BB, BC; F0DZ-10346-B, C, E; F0PU-10346-AD, F4DU-10300-AA, CA; F4OU-10300-CA, F4PU-10346-CA, F4PZ-10346-C, F58U-10300-AA, AB; F58Z-10346-A, F5PU-10346-CA, F6AU-10300-AA, AB; F6PU-10346-BA, EB; F6PZ-10346-B, EA, RA, F6ZU-10300-AA, AB; F75U-10300-CA, F7PU-10346-JA, KA; F7PZ-10346-JA, KA; F7UU-10300-AB, BB, CB; F8AU-10300-AB, AC; F8AZ-10346-AB, F8ZU-10300-BA, XR3U-10300-AA, XR3Z-10346-AA; GL-278, GL-301, GL-310, GL-342, GL-345, GL-351, GL-372, GL-373, GL-405, GL-407, GL-417, GL-424
(cont'd.)

(cont'd.)
Lester Nos: 7752, 7769, 7776, 7777, 7790, 7794, 7795
Dim: M6 x 1.0 x 61mm OAL
Note: Red color. Used w/ 46-2852 cap in 49-2105 terminal package.





46-2159
Terminal - Stator Lead
For: Ford 2G Series IR/EF Alternators
Note: Female spade terminal used to connect the stator lead to rectifier
Features:
- Continuous strip of 8,000/reel
- Compatible with AMP automated assembly equipment



46-2159-1
Terminal - Stator Lead
Same as 46-2159 except...
Features:
- Made for soldering onto stator lead
- Individual loose terminals
- 100/bag

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

FORD (cont'd.)





46-2159-3
Terminal - Stator Lead

Same as 46-2159 except...

Features:
- Manufactured by OE Supplier
- Available in continuous strip of 10,000/reel
- Compatible with automated assembly equipment



46-2160
Battery Terminal

For: Ford 3G, 6G Series IR/IF Alternators
Used On: (2002-95) Ford, Mercury
Unit Nos: Ford 94BB-10300-AE, AF, AH; 97BB-10300-AC, F4PU-10300-AA, F4PU-10346-AA, F5RZ-10346-A, F6RZ-10346-AA, F7PU-10346-FA, F7RZ-10346-FA, F81U-10300-CC, F81Z-10346-CA; GL-346, GL-386, GL-391, GL-410
Lester Nos: 7774, 7789, 7792, 7798
Dim: M6 x 1.0 x 63mm OAL
Note: White color. Used w/ 46-2852 cap.



46-2161
Terminal Post - Ground

For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators
Dim: 10-24 x 29/32 L



46-2162
Battery Terminal

For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators
Dim: 1/4-20 x 15/16 L



46-2163
Battery Terminal

For: Ford 3G, 6G Series IR/IF Alternators
Unit Nos: Ford F81U-10300-GA, F81Z-10346-GA, XF2U-10300-BC, XF2Z-10346-BA, XL1U-10300-BB, XU2Z-10346-AA; GL-422, GL-426, GL-429
Lester Nos: 7791, 7799, 8253
Dim: M6 x 1.0 x 61mm OAL
Note: Black color. Use w/ 46-2852 cap



46-2164
Battery Terminal

For: Ford 6G Series IR/IF Alternators
Unit Nos: Ford 98AZ-10346-EA, 98BB-10300-CC, F8RZ-10346-CC, XS8Z-10346-BB, XS91-10300-BB; GL-419, GL-431, GL-456
Lester Nos: 8250
Dim: M6 x 1.0 x 63mm OAL



46-2165
Battery Terminal

For: Ford 6G Series IR/IF Alternators
Used On: (2005-02) Ford Taurus, Mercury Sable 3.0L OHV
Unit Nos: Ford 2F1U-10300-DA, 2F1Z-10346-DA
Lester Nos: 8268
Dim: M6 x 1.0 x 54mm OAL
Note: Green color. Used w/ 46-2852 cap.



46-2250
Wire Lead - Brush Holder

For: Ford 1G Series 70-100A ER/EF Alternators
Dim: 70mm (2-3/4") L
Note: Used in 39-201 brush holder assy.



46-2300
Connector - Stator Terminal

For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators



46-2301
Terminal

For: Ford 3G Series IR/IF Alternators
Note: Use to replace worn, stripped or corroded terminals on late style epoxied type brush holders. With brush installed into brush holder, crimp and solder terminal to brush lead.



46-2450
Cover - S.R.E. Frame

For: Ford 4G Series IR/IF Alternators
Unit Nos: Ford F5OY-10346-A, F68Z-10346-AD, F6DZ-10346-B, F6DZ-10346-D, F6LY-10346-A, F6OY-10346-AA, F6ZZ-10346-B, F77Z-10346-AB, F78Z-10346-AA, F8OZ-10346-CA, XL2Z-10346-AA, XL3Z-10346-AA, XW7Z-10346-AA, YF1Z-10346-E



46-2452
Cover - S.R.E. Bearing
For: Ford 6G Series IR/IF Alternators
Dim: 39mm OD
Note: Snaps in place



46-2500
Bearing Retainer - D.E. Frame
For: Ford 1G Series 40-65A; 2G Series IR/EF Alternators
Replaces: Ford D2OZ-10A355-A, GY-693
Note: Used on later style 5-spoke D.E. frames



46-2502
Bearing Retainer - D.E. Frame
For: Delco 21SI, 22SI Series IR/EF; Ford 1G Truck 65-90A ER/EF Alternators
Replaces: Delco 10467271; Ford C7TZ-10A355-A, GY-840



46-2503
Bearing Retainer - D.E. Frame
For: Ford 3G, 6G Series IR/IF Alternators
Dim: 38mm ID x 56mm OD



46-2504
Bearing Retainer - D.E. Frame
For: Ford 4G Series IR/IF Alternators
Unit Nos: Ford F5OY-10346-A, F68Z-10346-AD, F6DZ-10346-B, F6DZ-10346-D, F6LY-10346-A, F6OY-10346-AA, F6ZZ-10346-B, F77Z-10346-AB, F78Z-10346-AA, F8OZ-10346-CA, XL2Z-10346-AA, XL3Z-10346-AA, XW7Z-10346-AA, YF1Z-10346-E



46-2505
Tolerance Ring
For: Ford 6G Series IR/IF Alternators
Dim: 27mm ID x 29mm OD x 16mm OAL
Note: Used w/ 10-1051 (B10-50D) ball bearing w/ 10mm ID x 27mm OD x 11mm W



46-2506
Bearing Retainer - D.E. Frame
For: Ford 6G Series IR/IF Alternators
Used On: (2002-98) Ford 7.3L w/ Dual Alternators
Unit Nos: Ford F81U-10300-BC, DB, DC; F81Z-10346-BA, DA
Dim: 33mm ID x 67mm OD
Note: For D.E. frames w/ 10-3043-4 ball bearing



46-2550
Mounting Bushing - S.R.E. Frame
For: Ford 3G Series IR/IF Alternators
Dim: M10 x 1.5 Int. Thd. x 15.2mm OD x 20mm L
Note: Used in 22-207, 22-211 S.R.E. frames



46-2600
Stop Collar - Rotor
For: Ford 1G Series 40-100A ER/EF, 2G Series IR/EF Alternators
Replaces: Ford C5AZ-10A360-A
Dim: 17mm ID x 24mm OD x 4.5mm L



46-2601
Spacer - Fan
For: Ford 1G Series Truck 65-90A, 1G Series Blue Back Truck 70-90A ER/EF Alternators
Replaces: Ford D0AZ-10A344-A, GY-974
Dim: 22.23mm ID x 32mm OD x 4mm L



46-2602
Spacer - Packaging
For: Delco 10DN, 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, CS121, CS130, CS144 Series IR/EF Alternators; Ford 1G Series ER/EF, 2G Series IR/EF, 3G Series IR/IF Alternators
Dim: 17mm ID x 20mm OD x 16.5mm L
Note: Metal spacer used to secure fan when testing & packaging alternators wo/ pulley.
For paper tube version use 89-902.

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

FORD (cont'd.)



46-2604
Spacer - Fan

For: Ford 1G Series 40-65A ER/EF, 2G Series IR/EF Alternators
Replaces: Ford C5AZ-10A344-B, GY-808
Dim: 17mm ID x 25.4mm OD x 3.9mm L



46-2605
Stop Collar - Rotor

For: Ford 3G Series IR/IF Alternators
Dim: 17mm ID x 24mm OD x 4.5mm L
Note: Heat treated



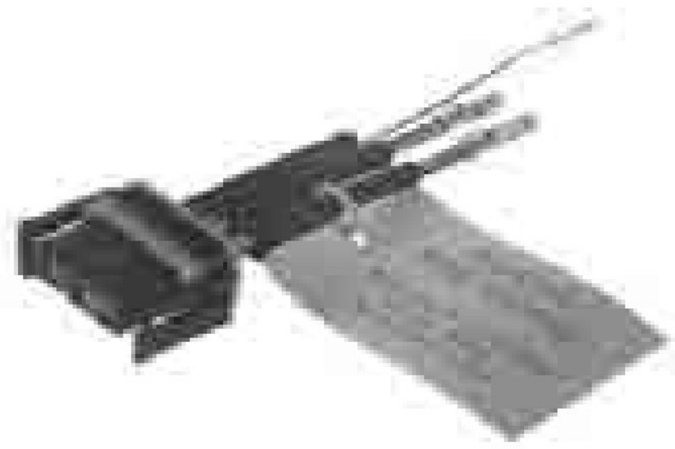
46-2606
Spacer - Fan

For: Ford 1G Series 70-100A ER/EF Alternators
Replaces: Ford D2OZ-10A344-A, Ref# S-4203
Lester Nos: 7072, 7705, 7742
Dim: 17mm ID x 22.1mm OD x 8.0mm L



46-2801-1
Repair Harness - Rectifier

For: Ford 2G Series IR/EF Alternators
Note: Use w/ 89-266 or 89-270 electrical contact gel to ensure proper connection. Used in 49-2101 repair kit.
Features:
- 3-wire leads w/ butt connectors & shrink tubing for ease of installation



46-2801-3
Repair Harness - Rectifier

Same as 46-2801-1 except...
Features:
- Plug and leads manufactured by OE Supplier
- High-temperature wire of thin-wall, cross linked polyolefin (type TXL) like OE, stands up to extreme temperatures
- High-temperature silicone seal molded around plug provides moisture-proof seal
- Beryllium-copper terminals for superior memory retention
- Longer stator-terminal lead prevents shorting out against B+ wires
- Open butt connectors for better solder flow
- 3-wire leads w/ butt connectors & shrink tubing for ease of installation



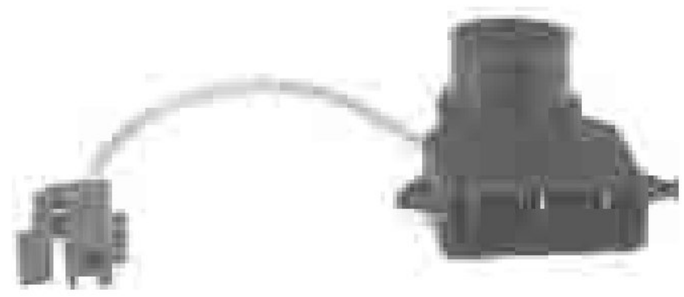
46-2802
(Ref# WAA794)
Repair Harness - Regulator

For: Ford 2G Series IR/EF; 3G, 4G Series IR/IF Alternators
Note: For test lead use WAA784



46-2804
Repair Harness - Stator Terminal

For: Ford 3G Series IR/IF Alternators



46-2805
Terminal Adapter

For: Converting Ford 3G Series IR/IF Alternators to replace Mitsubishi IR/IF Alternators used on Ford Taurus, Tempo, Topaz.
Note: Requires 46-2852 Cap.
Converts Lester#
7755 to replace 13190
7757 to replace 13188



46-2806
(Ref# WAA30)
Repair Harness - Brush Holder

For: Ford 1G Series 70-100A ER/EF Alternators
Lester Nos: 7072, 7074, 7705, 7742
Note: Fits plug code 194



46-2807
Repair Plug - Rectifier

For: Ford 3G Series IR/IF Alternators
Note: Aftermarket designed repair plug used to repair broken locking tab on rectifier.
Use 89-266 electrical contact gel to ensure proper connection.



46-2809
Repair Harness - Regulator

For: Ford 1G Series ER/EF Alternators
Note: For 35-200-1, 35-201 externally mounted regulators



46-2809-1
Repair Harness - Regulator

Same as 46-2809 except...

Features:
- OE-style connector
- Additional leads for lamp and B+ terminal
- With locking tabs



46-2850
Dust Cap - S.R.E. Bearing

For: Ford 3G Series IR/IF Alternators



46-2852
Cap - Battery Terminal

For: Ford 3G, 6G Series IR/IF Alternators
Dim: 28.5mm OD
Note: Used w/ 46-2158, 46-2160, 46-2805 terminals



49-2100
Harness Repair Kit - Rectifier

For: Ford 2G Series IR/EF Alternators
Components:
46-2801-3 Rectifier Repair Harness
89-270 Electrical Contact Gel (Ampule)
Features:
- 3-wire leads w/ butt connectors & shrink tubing for ease of installation
- Includes installation instructions printed on bright-red paper to alert installer



49-2101
Repair Kit

For: Ford 2G Series IR/EF Alternators
Components:
6-203-4 Ball Bearing
8-101-1 Needle Bearing
38-203 Brushes
46-2801-1 Repair Harness
89-270 Dielectric Gel
FR192PXD (31-206-2) Rectifier
F784 (35-202-1) Regulator



WAA600
Repair Harness - Regulator

For: Ford 6G Series IR/IF Alternators
Replaces: Ford 1U2J-14B475-TA, 1U2Z-14S411-TA, WPT-118
Features:
- Premium connector

HITACHI



41-81701
Oil Seal

For: Hitachi IR/EF Alternators w/ Vacuum Pump
Used On: Hino, Isuzu Truck
Unit Nos: Hitachi LR150-402C, LR150-449C, LR160-401C, LR160-422B, LR170-401; LR170-404B, C; LR170-410; LR170-418B, C; LR170-502C, LR180-509, LR235-402
Lester Nos: 14653, 14654, 14663, 14735
WAI Ref. Nos: 1-1116-01HI, 1-1129-01HI, 1-1130-01HI, 1-1940-01HI, 1-1940-02HI, 1-2271-01HI, 1-2358-01HI
Dim: 32.2mm OD x 8mm W
Fits 14.8mm Dia. Shaft



42-81302
Insulator - Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (1994-86) Nissan
Unit Nos: Hitachi LR165-707, B; LR170-715, B; LR170-716, B; LR180-715, LR170-738C, LR180-719, LR180-729
Lester Nos: 13250, 13273, 13327, 13334, 14241, 14242
WAI Ref. Nos: 1-1102-01HI, 1-1120-01HI, 1-1126-01HI, 1-1126-02HI, 1-1128-01HI, 1-1423-01HI, 1-1425-01HI
Dim: 6mm ID x 11mm OAL
Note: Black color

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

HITACHI (cont'd.)



42-81303
Insulator - Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (1994-90) Infiniti, Nissan
Unit Nos: Hitachi LR160-723, B; LR160-724, LR180-725, B, C, E; LR180-736B,
Lester Nos: 13287, 13329, 13474, 13531
WAI Ref. Nos: 1-1118-01HI, 1-1120-01HI, 1-1427-01HI, 1-1953-01HI
Dim: 6.5mm Square Hole
Note: Black color. Used w/ 42-81313 inside insulator.



42-81304
Insulator - Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (1994-84) Infiniti, Nissan
Unit Nos: Hitachi LR170-22, LR170-701B, LR170-702B, LR170-713, LR170-717, LR170-721, LR170-734B; LR170-739, B, LR180-704, LR180-724, LR190-704, B; LR190-706, LR190-709, B; LR190-711, LR190-714
Lester Nos: 13262, 13285, 13324, 13533, 14651, 14655, 14661, 14717, 14749, 14752, 14979
WAI Ref. Nos: 1-1098-01HI, 1-1105-01HI, 1-1105-02HI, 1-1107-01HI, 1-1119-01HI, 1-1122-01HI, 1-1134-01HI, 1-1429-01HI, 1-1477-01HI, 1-1533-01HI
Dim: 6mm ID x 10mm OAL
Note: Black color



42-81306
Insulator - Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (1994-90) Subaru
Unit Nos: Hitachi LR170-732B, C
Lester Nos: 13275
WAI Ref. Nos: 1-1257-01HI
Dim: 6mm x 10mm Rectangular Hole
Note: Black color



42-81308
Insulator - Battery Terminal

For: Hitachi IR/EF Alternators
Used On: (1994-78) Case, Nissan, Subaru; Hino, Isuzu Truck
Unit Nos: Hitachi LR120-15, LR120-23, LR125-34, LR135-61B, LR135-86F; LR135-95, B; LR135-115, LR135-116, LR135-127, LR135-128, LR140-130P, LR150-94B; LR150-98, B; LR150-99, B; LR150-125B; LR150-133B, C, E; LR150-165, LR150-177, LR150-194, LR150-401, LR150-402, LR150-434B, LR155-23, LR160-42B, LR160-96B; LR160-97B, C; LR160-121, LR160-124, LR160-137, LR160-138, LR160-401, LR170-14, LR170-410; LR170-418B, C; LR220-23, LR235-402
Lester Nos: 12129, 14185, 14231, 14255, 14300, 14586, 14587, 14613, 14615, 14647, 14652, 14653, 14654, 14659, 14665, 14721, 14735, 14742, 14744, 14745, 14751
Dim: 5mm ID
Note: Black color



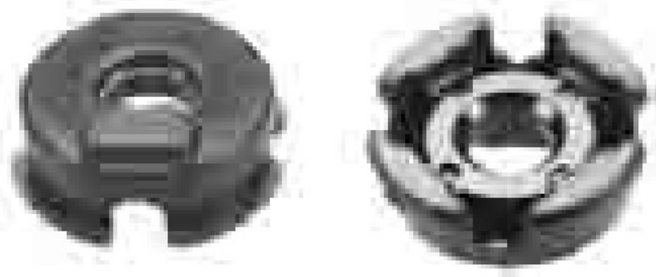
42-81309
Insulator - Battery Terminal

For: Hitachi IR/EF Alternators
Used On: (1994-78) Nissan, Subaru
Unit Nos: Hitachi LR150-98; LR155-15B, C; LR150-125B, LR150-177, LR160-82B, LR160-109, LR160-137, LR160-138
Lester Nos: 14255, 14300, 14301, 14303, 14585, 14587, 14592, 14647, 14742, 14744, 14745, 14746, 14747
WAI Ref. Nos: 1-1096-01HI, 1-1104-01HI, 1-1109-01HI, 1-1253-01HI, 1-1567-01HI, 1-1593-01HI, 1-1593-02HI
Dim: 5mm ID
Note: Red color



42-81310
Insulator - Battery Term. (Internal)

For: Hitachi IR/IF Alternators
Used On: (2001-95) Infiniti, Mazda, Nissan, Subaru
Unit Nos: Hitachi LR160-727, LR170-757B, LR170-758, LR180-509, LR180-741H, LR180-742, LR180-744, LR185-701, LR185-702, LR190-724; LR190-737B, E; LR1100-709, B, LR1100-711B, LR1100-716; LR1110-705, B; LR1110-707C, E, F; LR1110-709, B; LR1125-702, B, LR1125-702F
Lester Nos: 13612, 13636, 13639, 13640, 13641, 13642, 13644, 13645, 13657, 13712, 13713, 13760, 13778, 13788
Dim: 8mm ID
Note: Black color. Used w/ 42-81311 outside insulator.



42-81311
Insulator - Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (2001-95) Infiniti, Nissan
Unit Nos: Hitachi LR160-727, LR170-757B, LR180-741H, LR180-742, LR180-744, LR190-724; LR190-737B, E; LR1100-709, B; LR1100-711B, LR1100-716; LR1110-705, B, C, E, F; LR1110-709, LR1110-709B; LR1125-702, B, F
Lester Nos: 13612, 13636, 13639, 13640, 13641, 13642, 13644, 13657, 13712, 13713, 13760, 13778
WAI Ref. Nos: 1-1921-01HI, 1-2002-01HI, 1-2013-01HI, 1-2014-01HI, 1-2093-01HI, 1-2098-01HI, 1-2103-01HI, 1-2152-01HI, 1-2191-01HI, 1-2192-01HI, 1-2193-01HI, 1-2231-01HI, 1-2268-01HI, 1-2379-01HI
Dim: 8mm ID x 27mm OD
Note: 10mm L locating tab.
Used w/ 42-81310 inside insulator.
Similar to 42-81312 except 42-81312 has 8mm L locating tab.



42-81312
Insulator - Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (1999-95) Infiniti, Nissan
Unit Nos: Hitachi LR170-745; LR170-748, B; LR180-751, LR190-729, LR1100-704B
Lester Nos: 13637, 13638, 13643, 13724, 13728
WAI Ref. Nos: 1-2001-01HI, 1-2091-01HI, 1-2092-01HI, 1-2124-01HI, 1-2125-01HI
Dim: 8mm ID x 27mm OD
Note: 8mm L locating tab. Similar to 42-81311 except 42-81311 has 10mm L locating tab.



42-81313
Insulator - Internal

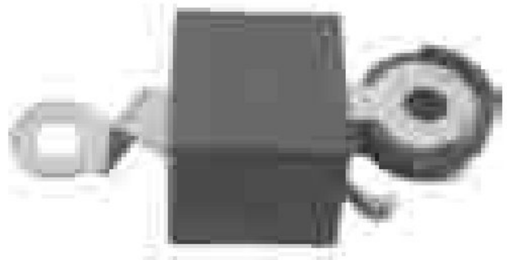
For: Hitachi IR/IF Alternators
Used On: (1994-90) Infiniti, Nissan
Unit Nos: Hitachi LR160-723, B; LR160-724, LR180-725, B, C, E; LR180-736B
Lester Nos: 13287, 13329, 13474, 13531
WAI Ref. Nos: 1-1118-01HI, 1-1120-01HI, 1-1427-01HI, 1-1953-01HI
Dim: 7mm Square Hole
Note: Black color. Used w/ 42-81303 outside insulator.



46-81101
Capacitor

For: Hitachi IR/IF; Nippondenso IR/IF Alternators
Used On: (1991-84) Nissan, Toyota
Unit Nos: Hitachi LR170-701B, LR170-702B, LR170-713, LR170-721, LR180-704, LR190-704, LR190-709; Nippondenso 100211-839
(cont'd.)

(cont'd.)
Lester Nos: 13276, 14651, 14655, 14661, 14717, 14752
WAI Ref. Nos: 1-1105-01HI, 1-1105-02HI, 1-1122-01HI, 1-1421-01ND, 1-1533-01HI
Dim: .5MF
6mm Eyelet
101mm Lead Length



46-81103
Capacitor

For: Hitachi IR/EF Alternators
Used On: Hino, Isuzu Truck
Unit Nos: Hitachi LR150-434B, LR150-449C, LR170-401, LR170-410, LR170-418B, LR170-418C
Lester Nos: 14735
WAI Ref. Nos: 1-1940-01HI, 1-1940-02HI, 1-2271-01HI



46-81104
Capacitor

For: Hitachi IR/IF Alternators
Used On: (1999-95) Honda, Infiniti, Isuzu, Nissan, Subaru
Unit Nos: Hitachi LR160-725C, -727, -730C, -731; LR170-748, -748B, -755; LR180-741H, -742, -744, -751; LR185-702; LR190-724, -729, -729C; LR1100-704B, LR1125-702B
Lester Nos: 13612, 13636, 13637, 13638, 13640, 13641, 13642, 13644, 13645, 13724, 13728, 13744, 13745, 13757, 13775
WAI Ref. Nos: 1-1921-01HI, 1-2001-01HI, 1-2002-01HI, 1-2013-01HI, 1-2014-01HI, 1-2015-01HI, 1-2089-01HI, 1-2089-02HI, 1-2090-01HI, 1-2092-01HI, 1-2093-01HI, 1-2124-01HI, 1-2125-01HI, 1-2152-01HI, 1-2180-01HI
Dim: 1.5MF



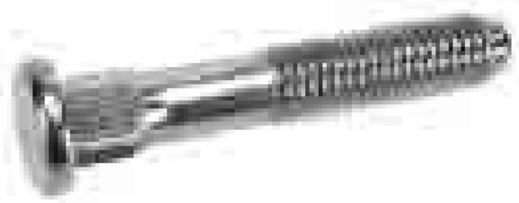
46-81150
Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (1994-85) Nissan
Unit Nos: Hitachi LR170-713; LR170-721, B; LR180-704; LR190-704, B; LR190-709, B; LR190-711
Lester Nos: 14651, 14661, 14752
WAI Ref. Nos: 1-1122-01HI, 1-1533-01HI
Dim: M6 x 1.0 Int., M4 x 0.7 Ext.
Note: Used in IHR718 rectifier



46-81151
Battery Terminal

For: Hitachi IR/IF Alternators
Unit Nos: Hitachi LR160-727, LR180-509, LR180-741H, LR180-744; LR1125-702, B
Lester Nos: 13612, 13636, 13640, 13644
WAI Ref. Nos: 1-1921-01HI, 1-2002-01HI, 1-2093-01HI, 1-2152-01HI, 1-2358-01HI
Dim: M6 x 1.0 x 17mm L w/ 8.5mm Knurl OD
Note: Used in IHR773, IHR778 rectifiers



46-81152
Battery Terminal

For: Hitachi IR/IF Alternators
Unit Nos: Hitachi LR170-745; LR170-748, B; LR190-729
Lester Nos: 13637, 13638, 13643
WAI Ref. Nos: 1-2001-01HI, 1-2091-01HI, 1-2124-01HI
Dim: M8 x 1.25 x 46.5mm L w/ 8.5mm Knurl OD
Note: Used in IHR746 rectifier

HITACHI (cont'd.)



46-81200
Terminal Block

For: Hitachi IR/EF Alternators
Used On: (1989-86) Nissan
Unit Nos: Hitachi LR160-151
Lester Nos: 14660
WAI Ref. Nos: 1-1117-01HI



46-81201
Terminal Block

For: Hitachi IR/EF Alternators
Used On: (1989-85) Nissan
Unit Nos: Hitachi LR150-94B, LR150-194B, LR150-197B
Lester Nos: 14659
WAI Ref. Nos: 1-1114-01HI



46-81403
Cover - Battery Terminal

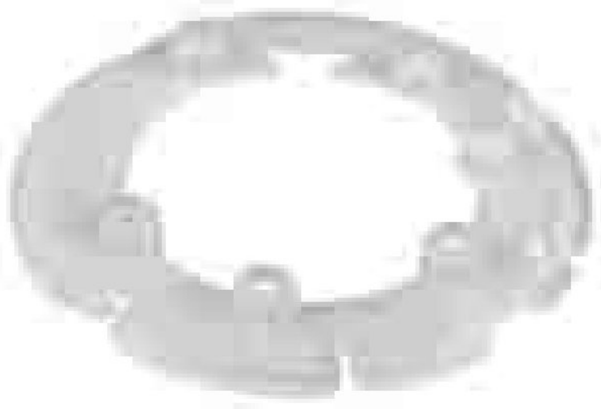
For: Hitachi IR/IF Alternators
Used On: (1994-90) Infiniti, Nissan
Unit Nos: Hitachi LR160-723, B; LR160-724; LR180-725, B; LR180-736B
Lester Nos: 13287, 13329, 13474, 13531
WAI Ref. Nos: 1-1118-01HI, 1-1120-01HI, 1-1427-01HI, 1-1953-01HI



46-81407
Cover - Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (2000-95) Infiniti, Nissan, Subaru
(cont'd.)

(cont'd.)
Unit Nos: Hitachi LR160-727, LR180-509, LR180-741H, LR180-744, LR185-701, LR185-702; LR190-737B, E; LR1100-709B; LR1110-707C, E; LR1110-709, B; LR1125-702, B
Lester Nos: 13612, 13636, 13639, 13640, 13644, 13645, 13712, 13713, 13760
WAI Ref. Nos: 1-1921-01HI, 1-2002-01HI, 1-2015-01HI, 1-2093-01HI, 1-2098-01HI, 1-2103-01HI, 1-2152-01HI, 1-2192-01HI, 1-2193-01HI, 1-2268-01HI, 1-2358-01HI



46-81851
Baffle - S.R.E. Frame

For: Hitachi IR/IF Alternators
Used On: (1994-85) Nissan
Unit Nos: Hitachi LR170-713; LR170-721, B; LR180-704; LR190-704, B; LR190-709, B; LR190-711
Lester Nos: 14651, 14661, 14752
WAI Ref. Nos: 1-1122-01HI, 1-1533-01HI



46-89801
(Ref# WAF02)
Extension Harness

For: Hitachi ER/EF Alternators
Used On: Chevrolet, Subaru
Lester Nos:
14105 to 14191
14105 to 14223
14118 to 14202
14118 to 14222
WAI Ref. Nos:
1-1111-01HI to 1-1524-01HI
1-1103-01HI to 1-1563-01HI
1-1103-01HI to 1-1525-01HI
Note: Extends original harness permitting more clock positions.
Converts Nissan alternators to Chevrolet Luv, Subaru.



46-89808
(Ref# WAF10)
Adapter Plug

For: Hitachi IR/EF Alternators
Used On: Nissan
Lester Nos:
14255 to 14659
WAI Ref. Nos:
1-1109-01HI to 1-1114-01HI
Note: Converts early style Hitachi alternators w/ T-shaped plug (code 191) to late style alternators w/ oval plug (code 300)



46-89809
Extension Harness

For: Hitachi, Mitsubishi IR/EF, IR/IF Alternators
Used On: Chrysler, Ford, Mazda, Mitsubishi, Nissan
Note: Extends original harness permitting more clock positions



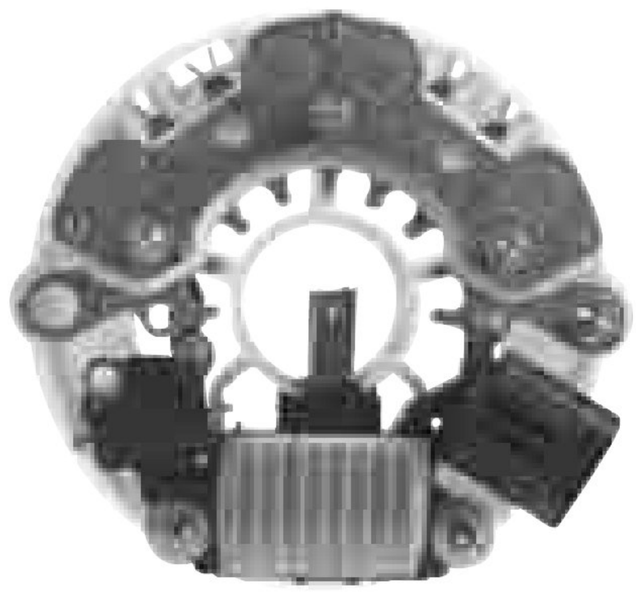
46-89810
P-Terminal Conversion Plug

For: Hitachi, Mitsubishi IR/EF Alternators
Note: Converts units wo/ P-terminal to fit applications requiring a P-terminal (Converts to Lester# 14571, 14592, 14598, 14702)



48-8100
Brush Holder/Rectifier/Regulator Assembly

For: Hitachi 60-80A IR/IF Alternators
Used On: (1997-95) Nissan; Nissan Lift Truck
Unit Nos: Hitachi LR160-727, LR180-744
Lester Nos: 13636, 13644
WAI Ref. Nos: 1-2002-01HI, 1-2152-01HI
Components:
39-8116 Brush Holder Assy.
85-3200 Rivets
IH767 Regulator
IHR778 Rectifier
Features:
• 6-Hitachi style press-fit diodes



48-8102
Brush Holder/Rectifier/Regulator Assembly

For: Hitachi IR/IF 85A Alternators
Used On: (1999-96) Subaru Legacy 2.2L
Unit Nos: Hitachi LR185-702
Lester Nos: 13645
WAI Ref. Nos: 1-2015-01HI



49-81500
Terminal Kit

For: Hitachi IR/IF Alternators
Used On: (1994-92) Nissan
Unit Nos: Hitachi LR195-701
Lester Nos: 13477
WAI Ref. Nos: 1-1583-01HI
Dim: M8 x 1.25 x 60mm OAL
Features:
• Made in Japan to OE specifications



WAF06
(Ref# 46-89805) Adapter Plug

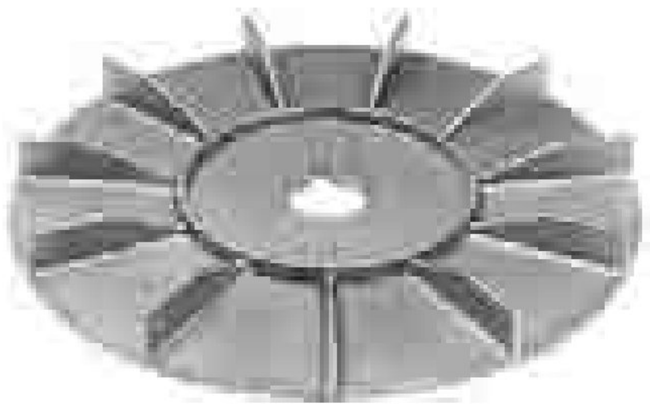
For: Hitachi ER/EF Alternators
Used On: Ford, Mazda
Lester Nos:
14105 to 14194;
14118 to 14196;
14119 to 14207;
14222 to 14196
WAI Ref. Nos:
1-1103-01HI to 1-1147-01MI;
1-1111-01HI to 1-1148-01MI;
1-1525-01HI to 1-1147-01MI;
1-1566-01HI to 1-1158-01MI
Note: Converts 2-Wire Chev. Luv, Nissan, Subaru Alternators to 4-Wire Ford Courier, Mazda Alternators.

LEECE-NEVILLE



12-24N
Transformer Rectifier

For: Leece-Neville 2500-2800J Series Alternators
Replaces: Leece-Neville 5114T
Note: Negative ground only.
For applications with 24 volt cranking system and 12 volt charging system.
Features:
• Prevents over or under charging
• Solid state - no moving contacts
• 12A maximum charge rate
• Internally current limiting
• Short circuit protected



25-500
Fan

For: Leece-Neville 2300-2800JB, 4425-4750J Series Alternators
Replaces: Leece-Neville 79035
Dim: 22.23mm (7/8") ID x 178mm OD w/ Keyway

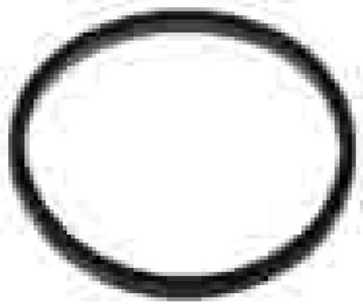


41-5101
Gasket - Brush Holder

For: Leece-Neville 2300-2800JB Series Alternators
Replaces: Leece-Neville 79031

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

LEECE-NEVILLE (cont'd.)



41-5102
Gasket - Brush Holder
For: Leece-Neville 7000-7700 Series Alternators
Replaces: Leece-Neville 57611
Dim:
41.5mm ID x 44.5mm OD x 2.5mm T
1-5/8" ID x 1-3/4" OD x 3/32" T



41-5500
O-Ring - S.R.E. Frame
For: Leece-Neville 7000-7700 Series Alternators
Replaces: Leece-Neville 57597
Dim:
41mm ID x 44.5mm OD x 1.8mm T
1-5/8" ID x 1-3/4" OD x 1/16" T



42-5300
Insulator - Negative Terminal
For: Leece-Neville 2300-2800J, 7000-7700 Series Alternators
Replaces: Leece-Neville 73545
Dim: 6.5mm (1/4") ID



42-5301
Insulator - Positive Terminal
For: Leece-Neville 2300-2800J, 7000-7700 Series Alternators
Replaces: Leece-Neville 73546
Dim: 8.5mm (5/16") ID



42-5302
Insulator - Rectifier
For: Leece-Neville 2300-2800JB; 7000-7700 Series Alternators
Replaces: Leece-Neville 73547
Dim: 5mm (No. 10) ID



42-5303
Insulator - Negative Terminal
For: Leece-Neville 2300-2800JB Series Alternators
Replaces: Leece-Neville 79070
Dim:
6.5mm ID x 19mm OAL
1/4" ID x 3/4" OAL
Note: Late style 1-piece design. Replaces early 2-piece design.



42-5304
Insulator - Positive Terminal
For: Leece-Neville 2300-2800JB Series Alternators
Replaces: Leece-Neville 79071, 96851
Dim:
8mm ID x 19mm OAL
5/16" ID x 3/4" OAL
Note: Late style 1-piece design. Replaces early 2-piece design.



46-5101
(Ref# L96545)
Capacitor
For: Leece-Neville 2300-2800JB Series Alternators
Replaces: IHC 461048C1, Leece-Neville 96545
Dim: .5MF
Note: Late style capacitor (no mtg. bracket required).
For early style capacitor use L73541.



46-5150
Relay Terminal
For: Leece-Neville 2300-2800JB Series Alternators
Replaces: Leece-Neville 79036
Dim: 10-32



46-5151
Terminal Post - Negative
For: Leece-Neville 2300-2700JB Series Alternators
Replaces: Leece-Neville 71197
Dim: 1/4-20 x 2-1/2 L



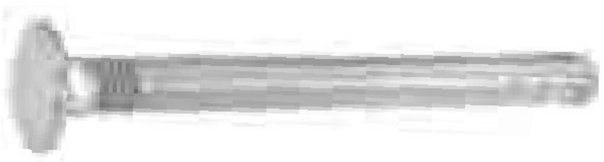
46-5152
Terminal Post - Positive
For: Leece-Neville 2300-2700JB Series Alternators
Replaces: Leece-Neville 78997
Dim: 5/16-18 x 2 1/2 L



46-5153
Terminal Post - Negative
For: Leece-Neville 7000-7700 Series Alternators
Replaces: Leece-Neville 58432
Dim: 1/4-20 x 1-3/4 L



46-5154
Terminal Post - Positive
For: Leece-Neville 7000-7700 Series Alternators
Replaces: Leece-Neville 58431, 78336
Dim: 5/16-18 x 1-3/4 L



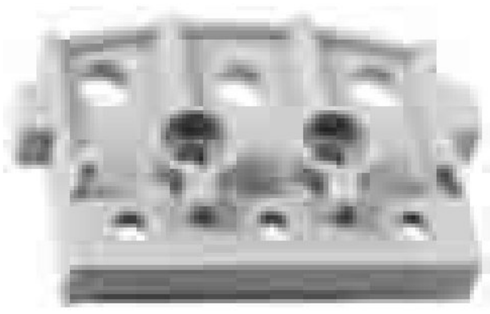
46-5157
Terminal Post - Negative, Positive
For: Leece-Neville 2800J Series Alternators
Replaces: Leece-Neville 97086
Dim: 5/16-18 x 3-7/16 L



46-5159
Terminal Connector - Diode Wire Lead
For: Leece-Neville 2300-2800J Series Alternators
Note: Round eyelet terminal



46-5160
Terminal Connector - Diode Wire Lead
For: Leece-Neville 2300-2800J Series Alternators
Note: Square sided eyelet terminal



46-5200
Terminal Plate
For: Leece-Neville 4400-4700, 7000-7700 Series Alternators
Replaces: Leece-Neville 73635



46-5251
(Ref# L79029R)
Wire Lead - Pos. Rectifier to Reg. Red Color
For: Leece-Neville 2300-2800JB Series Alternators
Replaces: Leece-Neville 79029
Dim:
3.8mm Eyelet Dia. x 119mm L
No. 6 Eyelet Dia. x 4-3/4" L



46-5252
(Ref# L79028B)
Wire Lead - Neg. Rectifier to Reg. Black Color
For: Leece-Neville 2300-2800JB Series Alternators
Replaces: Leece-Neville 79028
Dim:
3.8mm Eyelet Dia. x 119mm L
No. 6 Eyelet Dia. x 4-3/4" L



46-5300
Connector - Neg. Terminal
For: Leece-Neville 4400-4700J, 7000-7700J Series Alternators
Replaces: Leece-Neville 78705



46-5301
Connector - Pos. Terminal
For: Leece-Neville 4400-4700J, 7000-7700J Series Alternators
Replaces: Leece-Neville 78706



46-5303
Connector - Terminal Plate
For: Leece-Neville 4400-4700, 7000-7700 Series Alternators
Replaces: Leece-Neville 73657



46-5304
Connector - Neg. Terminal to Ground
For: Leece-Neville 2300-2800J Series IR/EF Alternators
Replaces: Leece-Neville 79377



46-5500
Bearing Retainer - D.E. Frame
For: Leece-Neville 2300-2800JB, 4400-4700, 7000-7700 Series Alternators
Replaces: Leece-Neville 59234



46-5550
Repair Bushing
For: Delco 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF, Leece-Neville 2300-2800JB Series Alternators
Dim: 1/2" ID x 3/4" OD x 17/32" L
Note: 46-5550 repair bushing is for salvaging worn D.E. housings where the bottom mounting foot hole has been worn egg-shaped

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

LEECE-NEVILLE (cont'd.)



46-5551
Mounting Bushing - S.R.E. Frame

For: Leece-Neville 2300-2800JB, 4400-4750J Series Alternators
Replaces: Leece-Neville 77916
Dim: 1/2" ID x 3/4" OD x 13/16" L



46-5552
Mounting Bushing - D.E. Frame

For: Leece-Neville 7000-7700 Series Alternators
Replaces: Leece-Neville 73651
Dim: 7/16" ID x 5/8" OD x 11/16" OAL



46-5600
Spacer - Fan

For: Leece-Neville 2300-2800JB, 4400-4750J, 7000-7700* Series Alternators
Replaces: Leece-Neville 59225
Dim: 22.23mm ID x 34.7mm OD x 5mm L
Note: *Used on alternators w/ 6305 D.E. bearing



46-5800
Dust Cap - S.R.E. Bearing

For: Leece-Neville 2300-2800JB Series Alternators
Replaces: Leece-Neville 78990
Note: Used w/ 8-501 open needle bearing



46-5850
Bracket - Capacitor

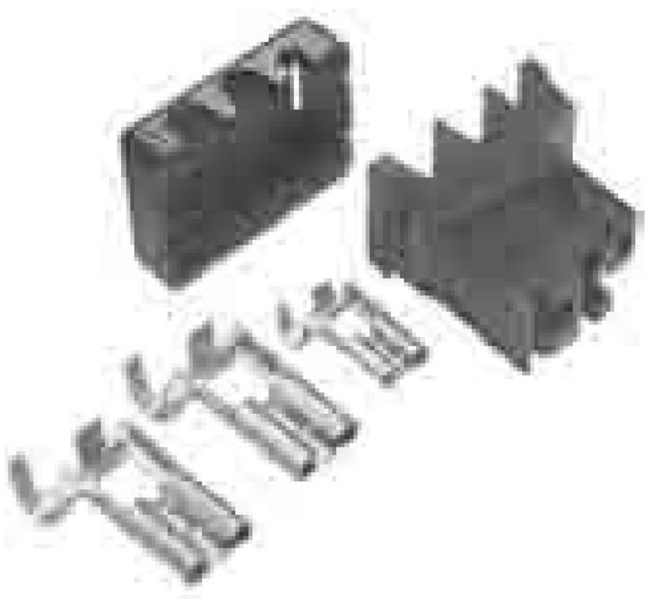
For: Leece-Neville 2300-2800JB, 3425-3725J, 4400-4700, 4425-4750J, 7000-7700 Series Alternators
Replaces: Leece-Neville 73760



L73541
(Ref# 46-5100)
Capacitor

For: Leece-Neville 2300-2800JB Series Alternators
Replaces: Leece-Neville 73541
Dim: .5MF
Note: Early version capacitor with long lead. For late style capacitor use 46-5101.
Features:
- Transpo

LUCAS



46-92800
Repair Plug Kit

For: Bosch IR/EF; Lucas 15ACR, 16ACR, 17ACR, 18ACR Series IR/EF Alternators
Replaces: Lucas 54960402, 60600983
Note: Repairs wire harness connector plug

MANDO



49-83505
Terminal Kit - Battery

For: Mando IR/IF; Mitsubishi IR/IF Alternators
Used On: (1994-89) Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
Unit Nos: Mando AB190025; Mitsubishi A2T14792, A3T03392, A3T03393, A3T03471, A3T03492, A3T03493
Lester Nos: 13249, 13271, 13289, 14436
WAI Ref. Nos: 1-1189-01MI, 1-1207-02MI, 1-1227-01MD, 1-1434-01MI
Components:
42-83302 Insulator, Battery Terminal
46-83152 Battery Terminal M6 x 1.0
46-83802 Connector
85-2301 Hex Nut M6 x 1.0

MITSUBISHI



41-83700
Oil Seal

For: Mitsubishi IR/EF Alternators w/ Vacuum Pump
Used On: (1984-82) Mazda (Diesel)
Unit Nos: Mitsubishi A1T23479, A1T23579, A1T31579, A1T32779, A2T24884
Lester Nos: 14601, 14705
WAI Ref. Nos: 1-1155-01MI
Dim: 30.1mm OD x 4.9mm W
Fits 14.9mm Dia. Shaft



41-83701
Oil Seal
For: Mitsubishi IR/EF Alternators w/ Vacuum Pump
Used On: (1986-83) Dodge, Mazda, Mitsubishi (Diesel)
Unit Nos: Mitsubishi A1T32084, A2T41899, A5T20484, A5T22484
Lester Nos: 14690, 14692, 14703
WAI Ref. Nos: 1-1140-01MI, 1-1208-01MI
Dim: 25mm OD x 5mm W
Fits 11.8mm Dia. Shaft



42-83301
Insulator - Battery Terminal
For: Mitsubishi IR/EF, IR/IF Alternators
Used On: (1989-78) Dodge, Ford, Hyundai, Mazda, Mitsubishi, Nissan, Plymouth; Toro
Lester Nos: 13259; 14231, 267, 268, 307, 431, 434, 435, 445, 447, 533, 550, 571, 596, 597, 598, 600, 601, 646, 650, 657, 690, 692, 693, 694, 696, 697, 698, 699, 701, 702, 703, 704, 705, 706, 708, 709, 876, 906, 908, 916, 917, 943, 950, 982
Dim: 5mm ID
Note: Red color



42-83302
Insulator - Battery Terminal
For: Mando, Mitsubishi IR/IF Alternators
Used On: (1999-84) Dodge, Eagle, Ford, Hyundai, Mazda, Mercury, Mitsubishi, Nissan, Plymouth, Subaru; Yale
Lester Nos: 13189, 196, 197, 211, 212, 230, 231, 238, 249, 251, 253, 257, 271, 272, 282, 289, 290, 292, 293, 295, 297, 298, 303, 318, 332, 351, 352, 430, 435, 439, 447, 450, 480, 584, 596, 597, 598; 14427, 428, 429, 430, 432, 433, 436, 437, 438, 655, 656, 718, 723, 724, 725, 950, 967, 979
Dim: 6mm ID
Note: Included in 49-83505 battery terminal kit



42-83303
Insulator - Battery Terminal
For: Mitsubishi IR/IF Alternators
Used On: (2002-90) Eagle, Ford, Mazda, Mercury, Mitsubishi, Nissan, Plymouth
Unit Nos: Mitsubishi A2T20091, A2T33891, A2T38391, A2T80591, A2T81791, A2T82791, A2T82792, A2TA0891, A2TA0892, A2TA2871, A3T07592, A3TA1091, A3TA5691, A3TN5883, A4T02591, A4TU3186, A7T03771
Lester Nos: 13299, 13445, 13451, 13473, 13511, 13585, 13586, 13616, 13821
WAI Ref. Nos: 1-1143-01MI, 1-1598-01MI, 1-1599-01MI, 1-1601-01MI, 1-1829-01MI, 1-1959-01MI, 1-2023-01MI, 1-2023-02MI, 1-2101-01MI, 1-2101-02MI, 1-2153-01MI, 1-2269-01MI
Dim: 8mm ID
Note: Red color



42-83309
Insulator - Battery Terminal
For: Mitsubishi ER/IF Alternators
Used On: (1999-95) Chrysler, Dodge, Eagle, Mitsubishi, Plymouth
Unit Nos: Mitsubishi A2T81192, A2T81292, A2T81391, A2TA3791, A2TB1491, A3T14292
Lester Nos: 13575, 13577, 13580, 13735
WAI Ref. Nos: 1-1874-01MI, 1-1928-01MI, 1-1992-01MI, 1-2107-01MI
Dim: 6mm ID



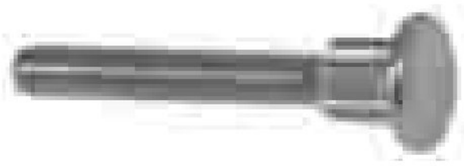
42-83312
Insulator - Battery Terminal
For: Mitsubishi IR/IF Alternators
Used On: (2005-02) Honda
Unit Nos: Mitsubishi A5TA7091, ZC
Lester Nos: 13893
WAI Ref. Nos: 1-2509-01MI
Dim: 6mm ID



46-83151
Battery Terminal
For: Mitsubishi IR/IF Alternators
Used On: (1988-84) Dodge, Hyundai, Mitsubishi, Plymouth, Toro
Unit Nos: Mitsubishi A0T25371, A0T25471, A1T01991, A1T40391, A1T40491, A1T40791, A1T40891, A2T03072, A2T03691, A2T03792, A2T03892, A2T41791, A2T41991, A2T42777, A2T43791
Lester Nos: 14431, 14434, 14435, 14445, 14447, 14693, 14694, 14697, 14706, 14708, 14709, 14876, 14917, 14950
WAI Ref. Nos: 1-1186-01MI, 1-1188-01MI, 1-1193-01MI, 1-1194-01MI, 1-1195-01MI, 1-1198-01MI, 1-1205-01MI, 1-1217-01MI, 1-2392-01MI
Dim: M5 x 0.8 x 41mm L
w/ 5.5mm Knurl OD



46-83152
Battery Terminal
For: Mitsubishi IR/IF Alternators
Used On: (1994-89) Dodge, Eagle, Mitsubishi, Plymouth
Unit Nos: Mitsubishi A3T03392, A3T03393, A3T03471, A3T03492, A3T03493
Lester Nos: 13249, 13271
WAI Ref. Nos: 1-1189-01MI, 1-1434-01MI
Dim: M6 x 1.0 x 45mm L
w/ 6.5mm Knurl OD
Note: Included in 49-83505 battery terminal kit



46-83153
Battery Terminal
For: Mando, Mitsubishi IR/IF Alternators
Used On: (1998-86) Chevrolet, Dodge, Eagle, Ford, Geo, Hyundai, Mazda, Mercury, Mitsubishi, Nissan, Plymouth, Subaru, Suzuki
Lester Nos: 13189, 13196, 13211, 13212, 13213, 13231, 13251, 13253, 13272, 13282, 13292, 13293, 13295, 13297, 13303, 13318, 13336, 13351, 13352, 13415, 13416, 13435, 13447, 13480, 13584, 13701, 13717, 14436, 14655, 14656, 14718, 14725, 14967, 14979
Dim: M6 x 1.0 x 46mm L
w/ 8.7mm Knurl OD

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

MITSUBISHI (cont'd.)



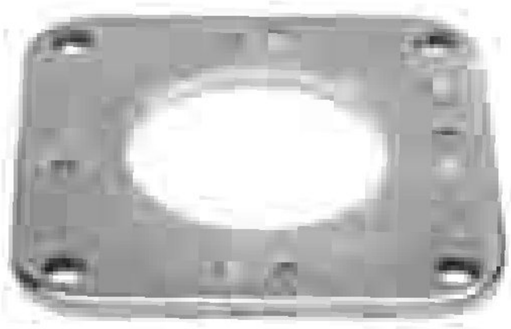
46-83159
Battery Terminal

For: Mitsubishi IR/IF Alternators
Used On: (1990-88) Ford, Mercury
Unit Nos: Mitsubishi A3T01596, A3T01598
Lester Nos: 13188, 13190
WAI Ref. Nos: 1-1180-01MI, 1-1180-02MI
Dim: M5 x 0.8 x 41.5mm L w/ 6.5mm Knurl OD
Note: Included in 49-83502 battery terminal kit



46-83160
Battery Terminal

For: Mitsubishi IR/IF Alternators
Used On: (1989-84) Honda
Unit Nos: Mitsubishi A1T01591, A1T01691, A1T02091, A1T02291, A1T04892, A1T40291
Lester Nos: 13265, 13266
WAI Ref. Nos: 1-1015-01MI, 1-1017-01MI
Dim: M6 x 1.0 x 51mm OAL



46-83501
Bearing Retainer - D.E. Frame

For: Mitsubishi ER/IF Alternators
Used On: (2001-92) Chrysler, Dodge, Eagle, Honda, Mercury, Mitsubishi, Nissan, Plymouth
Unit Nos: Mitsubishi A2T34892, A2T35092, A2T40092, A2T81192, A2T81292, A2T81391, A2TA3791, A2TA7491, A2TB1491, A3T14292, A3TA1091, A3TA4191, A5TA0991
(cont'd.)

(cont'd.)
Lester Nos: 13430, 13439, 13450, 13473, 13575, 13577, 13580, 13649, 13735, 13764
WAI Ref. Nos: 1-1601-01MI, 1-1832-01MI, 1-1833-01MI, 1-1874-01MI, 1-1928-01MI, 1-1992-01MI, 1-2094-01MI, 1-2107-01MI, 1-2176-01MI
Dim: 54mm W x 54mm L M5 x 0.8 Mtg. Holes



46-83550
Cup - D.E. Bearing Conversion

For: Mitsubishi IR/IF Alternators
Dim: 42mm ID x 47mm OD x 17.2mm W
Note: Used with 6-302-4 bearing & 46-89603 spacer to replace 10-1583-4 ball bearing w/ 15mm ID x 47mm OD x 18mm W



46-83551
Cup - D.E. Bearing Conversion

For: Mitsubishi IR/IF Alternators
Dim: 42mm ID x 47mm OD x 13.2mm W
Note: Used with 6-302-4 bearing & 46-89602 spacer to replace 10-3031-4 ball bearing w/ 15mm ID x 47mm OD x 14mm W



46-83552
Mtg. Bushing - S.R.E. Frame

For: Mitsubishi ER/IF Alternators
Used On: (1999-95) Chrysler, Dodge, Eagle, Mitsubishi, Plymouth
Unit Nos: Mitsubishi A2T81292, A2T81391, A2TA3791, A2TB1491
Lester Nos: 13575, 13580, 13735
WAI Ref. Nos: 1-1874-01MI, 1-1928-01MI, 1-2107-01MI
Dim: 10mm ID x 17mm OD x 20mm L



46-83700
Cover - S.R.E. Bearing

For: Mitsubishi ER/IF, IR/IF Alternators*
Dim: 9mm ID x 22mm OD
Note: *Used w/ 10-800-4, 10-874-4, 10-879-4, 10-885-4 ball bearings



46-83801
Connector - Battery Terminal

For: Mitsubishi IR/IF Alternators
Used On: (1988-84) Dodge, Hyundai, Mitsubishi, Plymouth, Toro
Unit Nos: Mitsubishi A0T25371, A0T25471, A1T01991, A1T40391, A1T40491, A1T40791, A1T40891, A2T03072, A2T03691, A2T03792, A2T03892, A2T41791, A2T41991, A2T42777, A2T43791
Lester Nos: 14431, 14434, 14435, 14445, 14447, 14693, 14694, 14697, 14706, 14708, 14709, 14876, 14917, 14950
WAI Ref. Nos: 1-1186-01MI, 1-1188-01MI, 1-1193-01MI, 1-1194-01MI, 1-1195-01MI, 1-1198-01MI, 1-1205-01MI, 1-1217-01MI, 1-2392-01MI
Dim: 5mm ID
Note: Included in 49-83504 battery terminal kit

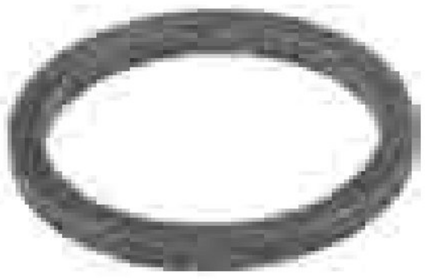


46-83802
Connector - Battery Terminal

For: Mitsubishi IR/IF Alternators
Used On: (1994-89) Dodge, Eagle, Mitsubishi, Plymouth
Unit Nos: Mitsubishi A3T03392, A3T03393, A3T03471, A3T03492, A3T03493
Lester Nos: 13249, 13271
WAI Ref. Nos: 1-1189-01MI, 1-1434-01MI
Dim: 6mm ID
Note: Included in 49-83505 battery terminal kit



46-83803
Connector - Battery Terminal
For: Mitsubishi IR/IF Alternators
Used On: (1990-88) Ford, Mercury
Unit Nos: Mitsubishi A3T01596, A3T01598
Lester Nos: 13188, 13190
WAI Ref. Nos: 1-1180-01MI, 1-1180-02MI
Dim: 6mm ID
Note: Included in 49-83502, 49-83502-3 battery terminal kits



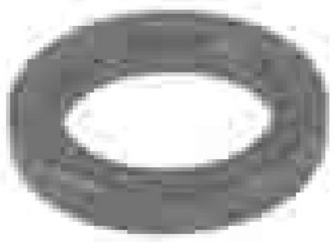
46-89601
Spacer - D.E. Bearing Conversion
For: Mitsubishi IR/IF Alternators
Dim: 39mm ID x 47mm OD x 4mm W
Note: Used w/ 6-303-4 ball bearing, 46-89605 spacer to replace 10-1594-4 ball bearing w/ 17mm ID x 47mm OD x 18mm W



46-89602
Spacer - D.E. Bearing Conversion
For: Mitsubishi IR/IF;
Nippondenso ER/IF, IR/IF Alternators
Dim: 15mm ID x 22mm OD x 1mm W
Note: Used w/ 6-302-4 ball bearing, 46-82550 sleeve to replace 10-3022-4 ball bearing w/ 15mm ID x 46mm OD x 14mm W.
Used w/ 6-302-4 ball bearing, 46-83551 sleeve to replace 10-3031-4 ball bearing w/ 15mm ID x 47mm OD x 14mm W.
Also used as pulley spacer w/ 24-82265, 24-83265 pulleys.



46-89603
Spacer - D.E. Bearing Conversion
For: Mitsubishi IR/IF Alternators
Dim: 15mm ID x 22mm OD x 5mm W
Note: Used w/ 6-302-4 ball bearing, 46-83550 cup to replace 10-1583-4 ball bearing w/ 15mm ID x 47mm OD x 18mm W



46-89605
Spacer - D.E. Bearing Conversion
For: Mitsubishi IR/IF Alternators
Dim: 17mm ID x 22mm OD x 3.9mm W
Note: Used w/ 6-303-4 ball bearing, 46-89601 spacer to replace 10-1594-4 ball bearing w/ 17mm ID x 47mm OD x 18mm W



46-89809
Extension Harness
For: Hitachi, Mitsubishi IR/EF, IR/IF Alternators
Used On: Chrysler, Ford, Mazda, Mitsubishi, Nissan
Note: Extends original harness permitting more clock positions



46-89810
P-Terminal Conversion Plug
For: Hitachi, Mitsubishi IR/EF Alternators
Note: Converts units wo/ P-terminal to fit applications requiring a P-terminal (Converts to Lester# 14571, 14592, 14598, 14702)



49-83500
Terminal Kit - Battery
For: Mitsubishi IR/IF Alternators
Used On: (1988-86) Mazda
Unit Nos: Mitsubishi A2T04474, A2T13571, A2T13571A, A2T47371, A2T47371A, A2T47474, A2T47974, A5T30871, A5T31971, A5T31971A, A5T32571
Lester Nos: 13182, 14902, 14903, 14910
WAI Ref. Nos: 1-1135-01MI, 1-1171-01MI, 1-1944-01MI, 1-2342-01MI
Dim: M5 x 0.8 x 51mm OAL



49-83501
Terminal Kit - Battery
For: Mitsubishi IR/IF Alternators
Used On: (1996-88) Ford, Mazda, Mercury
Unit Nos: Mitsubishi A2T05772, A2T05772X, A2T33991, A2T34477, A2T35177, A2T36776, A5T00877, A5T01577, A5T01977, A5T02777, A5T03677
Lester Nos: 13183, 13227, 13314, 13350, 13432, 13523, 14905
WAI Ref. Nos: 1-1136-01MI, 1-1137-01MI, 1-1160-01MI, 1-1177-01MI, 1-1428-01MI, 1-1873-01MI
Dim: M6 x 1.0 x 51mm OAL

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

MITSUBISHI (cont'd.)



49-83502
Terminal Kit - Battery

For: Mitsubishi IR/IF Alternators
Used On: (1990-88) Ford, Mercury
Unit Nos: Mitsubishi A3T01596, A3T01598
Lester Nos: 13188, 13190
WAI Ref. Nos: 1-1180-01MI, 1-1180-02MI
Note: Same as 49-83502-3 except 49-83502 includes terminal stud and hex nut
Components:
46-83159 Terminal M5 x 0.8
46-83803 Connector
Features:
- Plug has tin-plated brass terminals that protect against corrosion & provides superior contact



49-83502-3
Terminal Kit - Battery

Same as 49-83502 except...
Note: wo/ terminal stud and hex nut. For terminal kit with terminal stud and hex nut use 49-83502
Components:
46-83803 Connector
Features:
- Plug has tin-plated brass terminals that protect against corrosion & provides superior contact



49-83503
Terminal Kit - Battery

For: Mitsubishi IR/IF Alternators
Used On: (1989-86) Nissan
Unit Nos: Mitsubishi A2T48292, A2T48298
Lester Nos: 14243, 14720
WAI Ref. Nos: 1-1126-01MI, 1-1126-02MI
Dim: M6 x 1.0 x 60mm OAL



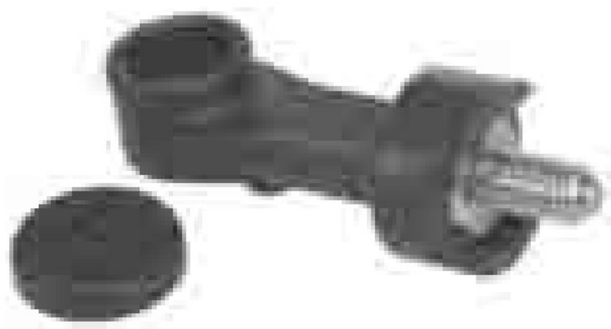
49-83505
Terminal Kit - Battery

For: Mando IR/IF; Mitsubishi IR/IF Alternators
Used On: (1994-89) Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
Unit Nos: Mando AB190025; Mitsubishi A2T14792, A3T03392, A3T03393, A3T03471, A3T03492, A3T03493
Lester Nos: 13249, 13271, 13289, 14436
WAI Ref. Nos: 1-1189-01MI, 1-1207-02MI, 1-1227-01MD, 1-1434-01MI
Components:
42-83302 Insulator, Battery Terminal
46-83152 Battery Terminal M6 x 1.0
46-83802 Connector
85-2301 Hex Nut M6 x 1.0



49-83506
Terminal Kit - Battery

For: Mitsubishi IR/IF Alternators
Used On: (1998-90) Honda, Infiniti, Nissan
Unit Nos: Mitsubishi A2T13894, A2T18792, A5TA0991
Lester Nos: 13286, 13549, 13649
WAI Ref. Nos: 1-1120-01MI, 1-1427-01MI, 1-2094-01MI
Dim: M6 x 1.0



49-83507
Terminal Kit - Battery

For: Mitsubishi IR/IF Alternators
Used On: (1992-89) Mazda
Unit Nos: Mitsubishi A2T17574, A2T18874
Lester Nos: 13237, 13337
WAI Ref. Nos: 1-1164-01MI, 1-1165-01MI
Dim: M8 x 1.25



49-83509
Terminal Kit - Battery

For: Mitsubishi IR/IF Alternators
Used On: (2001-92) Ford, Mazda
Unit Nos: Mitsubishi A3T08491
Lester Nos: 13446
WAI Ref. Nos: 1-1600-01MI
Dim: M8 x 1.25



49-83510
Terminal Kit - Battery
For: Mitsubishi IR/IF Alternators
Used On: (1995-93) Lincoln
Unit Nos: Mitsubishi A6T41491
Lester Nos: 13448
WAI Ref. Nos: 1-1589-01MI
Dim: M6 x 1.0



WAF05
(Ref# 46-89804)
Adapter Plug
For: Mitsubishi ER/EF Alternators
Used On: Chevrolet, Nissan, Subaru
Lester Nos:
14194 to 14105;
14196 to 14118;
14196 to 14222;
14207 to 14119
WAI Ref. Nos:
1-1147-01MI to 1-1103-01HI;
1-1147-01MI to 1-1525-01HI;
1-1148-01MI to 1-1111-01HI;
1-1158-01MI to 1-1566-01HI
Note: Converts 4-Wire Ford Courier, Mazda Alternators to 2-Wire Chev. Luv, Nissan, Subaru Alternators.

MOTOROLA



42-4301
Insulating Sleeve - Diode Trio
For: Motorola / Prestolite 8AL Series Alternators
Replaces: Motorola 15-27; Prestolite 115-27
Dim:
5mm ID x 7.5mm L
No. 10 ID x 5/16" L



42-4302
Insulating Sleeve - Rectifier
For: Motorola / Prestolite 8AL Series Alternators
Replaces: Motorola 15-26; Prestolite 115-26
Dim:
6.5mm ID x 13mm L
1/4" ID x 1/2" L



46-4100
Capacitor
For: Motorola / Prestolite 8AL Series Alternators
Replaces: Motorola 2-26; Prestolite 102-26
Lester Nos: 7427, 7429, 7437, 7441
Dim: .5MF

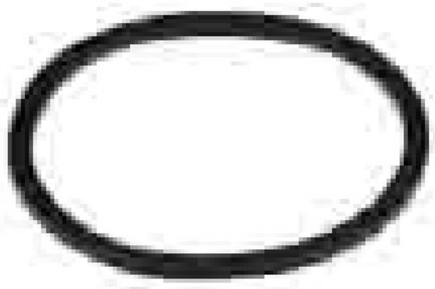


46-4150
Spade Terminal
Dim: 5mm ID Hole
Note: Converts terminal post to spade terminal



49-4102
Alternator Conversion Kit
For: Converting Delco 10SI Series Alternators to replace Motorola/Prestolite Alternators w/ 1" or 2" Mtg. Spools and 1- or 3-Mtg. Hole D.E. Frames
Features:
- 49-4102 kit is used w/ common Delco 10SI parts
- Reduce your inventory of Motorola parts. By using 49-4102 kit with a Delco S.R.E. frame assy. you eliminate stocking 16-rectifiers, 16-regulators, 4-rotors, 4-stators, 10-pulleys, 8-S.R.E. frames, 8-D.E. frames & many Motorola small parts.
- Field tested for reliability and acceptability

NIPPONDENSO



41-82100
Gasket - S.R.E. Bearing Retainer
For: Nippondenso ER/IF, IR/IF Alternators
Dim: 40mm ID x 46mm OD x 1.5mm T



41-82101
Gasket - Brush Holder
For: Nippondenso ER/IF, IR/IF Alternators
Note: Used w/ 39-8202, 39-8203, 39-8207 brush holder assys.

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

NIPPONDENSO (cont'd.)



41-82103
Gasket - Brush Holder

For: Nippondenso 120-160A ER/IF, IR/IF Alternators
Lester Nos: 13867, 13870, 13871, 13912, 13913, 13914, 13919, 13923
Note: Located on top of 39-8207 brush holder assy.



41-82300
Seal - Brush Holder

For: Nippondenso ER/IF, IR/IF Alternators
Note: Used w/ 39-8200, 39-8201, 39-8203 brush holder assys.



41-82301
Grommet - Stator Lead

For: Nippondenso ER/IF, IR/IF Alternators
Dim: 13mm W x 20mm L
Note: Orange color



41-82302
Grommet - Stator Lead

For: Nippondenso ER/IF, IR/IF Alternators
Dim: 15.5mm W x 20mm L
Note: Gray color



41-82303
Seal - Brush Holder

For: Nippondenso ER/IF, IR/IF Alternators
Note: Orange color. Used w/ 39-8202 brush holder assy.



41-82306
Seal - Brush Holder

For: Nippondenso ER/IF, IR/IF Alternators
Note: Gray color. Used w/ 39-8202, 39-8203 brush holder assys.



42-82300
Insulator - Battery Terminal

For: Nippondenso IR/IF Alternators
Used On: (2000-83) Isuzu, Suzuki, Toyota
Unit Nos: Nippondenso 100211-100, -103, -104, -105, -106, -109, -118, -120, -121, -123, -131, -132, -134, -141, -143, -200, -202, -203, -205, -206, -207, -210, -216, -217, -225, -228, -233, -250, -273, -303, -397, -726, -757; 100213-045; 101211-055, -072, -083; 102211-507, -515
Lester Nos: 13521, 679, 680; 14457, 458, 611, 643, 668, 671, 674, 678, 679, 682, 683, 684, 733, 847, 857, 870, 939, 940, 974
Dim: 6mm ID x 26.5mm OAL
Note: Round interlock w/ internal positioner



42-82301
Insulator - External

For: Nippondenso ER/EF, IR/EF Alternators
Used On: (1992-78) Honda, Isuzu, Toyota; Hino John Deere
Unit Nos: Nippondenso 021000-652, -656, -658, -664, -741, -787, -793, -856, -875, -909; 100211-003, -004, -007, -008, -0081, -009, -010, -012, -013, -014, -024, -027, -028, -029, -034, -040, -043, -050, -056, -058, -059, -060, -070, -072, -078, -257, -263, -298, -299, -576, -580, -593; 121000-032
Lester Nos: 13140, 143, 169; 14130, 158, 163, 268, 269, 275, 336, 337, 341, 345, 347, 384, 461, 573, 574, 630, 672, 677, 761, 850, 936
Dim: 5mm ID



42-82302
Insulator - Battery Terminal (Ext.)

For: Nippondenso ER/EF, IR/EF Alternators
Used On: (1990-71) Honda, Isuzu, Toyota; Hino, John Deere, Mitsui-Deutz
Unit Nos: Nippondenso 021000-366, -398, -427, -471, -502, -504, -513, -515, -591, -595, -596, -600, -603, -652, -656, -658, -661, -664, -666, -675, -703, -741, -781, -787, -790, -793, -799, -809, -841, -856, -875, -902, -904, -909, -991; 100211-003, -004, -007, -008, -0081, -009, -010, -013, -019, -024, -027, -029, -030, -031, -033, -034, -036, -040, -043, -050, -053, -054, -056, -058, -059, -060, -061, -063, -064, -065, -066, -067, -068, -070, -071, -072, -073, -076, -078, -087, -094, -098, -263, -298, -299, -576, -580; 121000-101, 135
Lester Nos: 13140, 143, 169; 14130, 131, 152, 153, 155, 158, 163, 273, 275, 336, 337, 338, 339, 341, 342, 343, 345, 347, 366, 384, 385, 461, 540, 573, 574, 630, 672, 677, 734, 850, 936
Dim: 6mm ID



42-82303
Insulator - Battery Terminal
For: Nippondenso ER/IF Alternators
Used On: (1998-85) Chrysler, Dodge, Jeep, Plymouth
Unit Nos: Nippondenso 121000-243, -266, -268, -300, -310, -330, -331, -333, -334, -336, -337, -338, -339, -340, -341, -343, -346, -347, -353, -400, -401, -403, -404, -405, -406, -407, -408, -409, -410, -415, -417
Lester Nos: 13184, 185, 220, 245, 256, 280, 301, 302, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 353, 354, 742; 14869
Dim: 6mm ID



42-82304
Insulator - Internal
For: Nippondenso ER/EF, IR/EF Alternators
Used On: (1992-78) Honda, Isuzu, Toyota; Hino, John Deere
Unit Nos: Nippondenso 021000-652, -656, -659, -664, -741, -788, -846, -875; 100211-003, -004, -007, -008, -0081, -009, -010, -012, -015, -024, -025, -027, -029, -040, -043, -050, -056, -058, -059, -070, -072, -078, -263, -298, -299, -576, -580, -593; 121000-032
Lester Nos: 13140, 143, 169; 14268, 269, 337, 341, 345, 347, 375, 384, 461, 573, 574, 630, 672, 677, 761, 936
Dim: 8mm ID



42-82305
Insulator - Battery Terminal
For: Nippondenso ER/IF Alternators
Used On: (2000-93) Chrysler, Dodge, Eagle, Plymouth
Unit Nos: Nippondenso 100211-884, 121000-348, 121000-349, 121000-352, 121000-416, 121000-433
Lester Nos: 13443, 13444, 13593, 13594, 13765
Dim: 6mm ID
Note: D-shaped interlock



42-82306
Insulator - Battery Terminal
For: Nippondenso ER/IF Alternators
Used On: (1998-91) Dodge, Jeep
Unit Nos: Nippondenso 121000-344, 121000-345, 121000-412
Lester Nos: 13341, 13442, 13746
Dim: 6mm ID



42-82307
Insulator - Battery Terminal
For: Nippondenso IR/IF Alternators
Used On: (2002-90) Acura, Honda, Isuzu
Unit Nos: Nippondenso 100211-815, 100211-819, 100211-855, 100211-871, 100211-874, 100211-877, 101211-541, 101211-543, 101211-549, 101211-550, 101211-569, 101211-585, 101211-912, 101211-914, 101211-925, 101211-931, 101211-933, 101211-976, 101211-981, 101211-986, 101211-999, 102211-101, 102211-102, 102211-171
Lester Nos: 13325, 395, 506, 507, 529, 538, 539, 540, 674, 677, 684, 722, 737, 743, 767, 768, 776
Dim: 6mm ID
Note: D-shaped interlock



42-82308
Insulator - Battery Terminal
For: Nippondenso IR/IF Alternators
Used On: (2000-87) Lexus, Toyota; John Deere
Unit Nos: Nippondenso 100211-283, 100211-284, 100211-602, 100211-603, 100211-605, 100211-606, 100211-611, 100211-613, 100211-630, 100211-635, 100211-639, 100211-641, 100211-642, 100211-883, 101211-556, 101211-701, 101211-712, 101211-717, 101211-718, (cont'd.)

(cont'd.)
101211-730, 101211-780, 101211-915, 101211-916, 101211-935, 101211-941, 101211-971
Lester Nos: 13384, 385, 389, 410, 545, 547, 552, 553, 562, 668, 669, 715, 748; 14460
Dim: 8mm ID
Note: D-shaped interlock



42-82310
Insulator - Battery Terminal
For: Nippondenso IR/IF Alternators
Used On: (2002-89) Chevrolet, Geo, Lexus, Toyota
Unit Nos: Nippondenso 100211-627, -802, -803, -805, -806, -811, -813, -830, -835, -838, -839, -848, -856, -857, -866, -885, -889, -899; 101211-501, -502, -508, -514, -515, -523, -524, -527, -536, -554, -562, -571, -597, -752, -775, -901, -906, -910, -951, -959, -960, -963, -978, -996
Lester Nos: 13276, 278, 319, 323, 331, 393, 396, 407, 457, 481, 487, 497, 551, 557, 558, 706, 732, 747, 754, 755, 756, 794, 806
Dim: 6mm ID
Note: D-shaped interlock



42-82311
Insulator - Battery Terminal
For: Nippondenso IR/IF Alternators
Used On: (1992-90) Geo, Isuzu
Unit Nos: Nippondenso 100211-795
Lester Nos: 13391, 13569
Dim: 6mm ID
Note: Diamond-shaped interlock

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

NIPPONDENSO (cont'd.)



42-82312
Insulator - Battery Terminal

For: Nippondenso IR/IF Alternators
Used On: (1989-85) Chevrolet, Geo, Isuzu
Unit Nos: Nippondenso 100211-107, 100211-110, 100211-122, 100211-133, 100211-222, 100211-223, 100211-372, 100211-769
Lester Nos: 14732, 14739, 14872
Dim: 6mm ID



42-82315
Insulator - Battery Terminal

For: Nippondenso IR/IF Alternators
Used On: (1998-85) Acura, Daihatsu, Geo, Toyota
Lester Nos: 13240, 241, 277, 319, 322, 339, 383, 392, 397, 398, 409, 455, 456, 482, 486, 492, 499, 508, 512, 536, 659, 670, 671, 673; 14449, 454, 455, 472, 611, 671, 674, 678, 679, 682, 683, 847, 849, 935, 974
Dim: 6mm ID
Note: Round interlock w/ internal positioner



42-82316
Insulator - Battery Terminal

For: Nippondenso ER/IF, IR/IF Alternators
Used On: (2000-90) Chrysler, Dodge, Eagle, Plymouth, Toyota
Unit Nos: Nippondenso 100211-823, 100211-832, 100211-881, 100211-882, 100211-887, 101211-509, 101211-522, 121000-351, 121000-357, 121000-358, 121000-421, 121000-426
Lester Nos: 13252, 321, 440, 443, 454, 498, 556, 578, 592, 741
Dim: 6mm ID
Note: D-shaped interlock



42-82317
Insulator - Battery Terminal

For: Nippondenso IR/IF Alternators
Used On: (1995-84) Acura, Honda, Sterling
Unit Nos: Nippondenso 100211-108, 100211-111, 100211-126, 100211-127, 100211-135, 100211-137, 100211-138, 100211-201, 100211-213, 100211-214, 100211-215, 100211-221, 100211-255, 100211-330, 100211-331, 100211-359, 100211-366, 100211-707, 100211-733, 100211-750, 100211-780, 100211-781, 100211-977, 101211-025
Lester Nos: 13229, 294, 326, 509; 14591, 680, 755, 756, 757, 759, 851, 852, 853, 854, 855, 930, 931, 941, 989
Dim: 6mm ID
Note: Round interlock w/ internal positioner



42-82318
Insulator - Battery Terminal

For: Nippondenso 81-136A ER/IF Alternators
Used On: (2001-98) Chrysler, Dodge, Jeep
Unit Nos: Nippondenso 121000-365, -371, -373, -423, -425, -437, -458
Lester Nos: 13763, 13790, 13809, 13869, 13880, 13964
Dim: 6mm ID



42-82319
Insulator - Battery Terminal

For: Nippondenso 90-136A ER/IF Alternators
Used On: (2000-95) Chrysler, Dodge, Eagle, Jeep, Plymouth
Unit Nos: Nippondenso 121000-351, -358, -361, -362, -367, -421, -426, -427
Lester Nos: 13443, 13578, 13592, 13741, 13822, 13834, 13842
Dim: 6mm ID
Note: D-shaped interlock



42-82320
Insulator - Battery Terminal

For: Nippondenso 117-136A ER/IF Alternators
Used On: (2001-99) Dodge
Unit Nos: Nippondenso 121000-363, -428, -429, -435
Lester Nos: 13766, 13823, 13824
Dim: 6mm ID
Note: D-shaped interlock



42-82323
Insulator - Battery Terminal

For: Nippondenso 120-160A ER/IF Alternators
Used On: (2005-01) Chrysler, Dodge, Jeep
Unit Nos: Nippondenso 421000-001, -002, -004, -010, -030, -0301; 5-121000-252,
Lester Nos: 11063, 13868, 13870, 13871, 13912, 13913
Dim: 14mm ID



42-82324
Insulator - Battery Terminal

For: Nippondenso 136A ER/IF Alternators
Used On: (2005-01) Dodge, Jeep
Unit Nos: Nippondenso 121000-4482, -453, -454
Lester Nos: 11116, 13873, 13874
Dim: 8mm ID
Note: D-shaped interlock



42-82325
Insulator - Battery Terminal
For: Nippondenso 120-136A ER/IF Alternators
Used On: (2006-02) Chrysler, Dodge
Unit Nos: Nippondenso 421000-006, 421000-023
Lester Nos: 13868, 13871
Dim: 14mm ID



42-82326
Insulator - Battery Terminal
For: Nippondenso IR/IF Alternators
Used On: (2003-99) Acura, Honda
Unit Nos: Nippondenso 101211-785, 102211-068
Lester Nos: 13769, 13835
Dim: 8mm ID
Note: D-shaped interlock



42-82327
Insulator - Battery Terminal
For: Nippondenso 130-136A ER/IF Alternators
Used On: (2004-01) Chrysler, Dodge
Unit Nos: Nippondenso 421000-003, -011, -012
Lester Nos: 13867, 13914, 13923
Dim: 14mm ID
Note: D-shaped interlock



42-82328
Insulator - Battery Terminal
For: Nippondenso 117A ER/IF Alternators
Used On: (2003-01) Dodge, Jeep
Unit Nos: Nippondenso 121000-376, -378
Lester Nos: 13906, 13910
Dim: 8mm ID
Note: D-shaped interlock



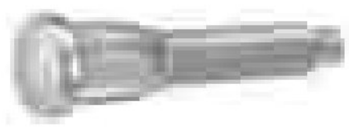
46-81101
Capacitor
For: Hitachi IR/IF; Nippondenso IR/IF Alternators
Used On: (1991-84) Nissan, Toyota
Unit Nos: Hitachi LR170-701B, LR170-702B, LR170-713, LR170-721, LR180-704, LR190-704, LR190-709; Nippondenso 100211-839
Lester Nos: 13276, 14651, 14655, 14661, 14717, 14752
WAI Ref. Nos: 1-1105-01HI, 1-1105-02HI, 1-1122-01HI, 1-1421-01ND, 1-1533-01HI
Dim: .5MF
6mm Eyelet
101mm Lead Length



46-82150
Stud - S.R.E. Bearing Retainer
For: Nippondenso ER/IF, IR/IF Alternators
Dim: M5 x 0.8 x 36mm L
Note: Used to attach S.R.E. cover



46-82151
Stud - S.R.E. Mtg. Arms
For: Nippondenso ER/IF Alternators
Used On: (1989-85) Chrysler, Dodge, Plymouth
Unit Nos: Nippondenso 121000-243, 121000-266, 121000-268, 121000-300, 121000-330, 121000-331, 121000-333, 121000-334, 121000-336, 121000-400, 121000-401, 121000-403, 121000-409, 121000-410
Lester Nos: 13184, 13185, 13220, 13256, 13280, 13304, 13305, 13308, 13313, 14869
WAI Ref. Nos: 1-1490-01ND, 1-1490-02ND, 1-1490-03ND, 1-1491-01ND, 1-1491-02ND, 1-1491-03ND, 1-1491-04ND, 1-1506-01ND, 1-1506-03ND, 1-1507-01ND, 1-1531-01ND
Dim: M5 x 0.8 x 25mm L
w/ 5.7mm Knurl OD
Note: Used in 22-8201, 22-8209 S.R.E. frames



46-82153
Conversion Stud - S.R.E. Mtg. Arms
For: Nippondenso ER/IF Alternators
Used On: (1998-90) Chrysler, Dodge, Jeep, Plymouth
Dim: M5 x 0.8 x 25mm L
w/ 6.7mm Knurl OD
Note: Presses into hole where M6 x 1.0 mtg. studs were used when converting to S.R.E. frame w/ M5 x 0.8 mtg. studs.



46-82200
Terminal Block
For: Nippondenso ER/EF, ER/IF Alternators
Used On: (1998-85) Chrysler, Dodge, Jeep, Plymouth
Unit Nos: Nippondenso 121000-243, -266, -268, -300, -310, -330, -331, -333, -334, -336, -337, -338, -339, -340, -341, -343, -344, -345, -346, -347, -353, -400, -401, -403, -404, -405, -406, -407, -408, -409, -410, -412, -413, -415, -417
Lester Nos: 13184, 13185, 13220, 13245, 13256, 13280, 13301, 13302, 13304, 13305, 13306, 13307, 13308, 13309, 13310, 13311, 13312, 13313, 13341, 13353, 13354, 13442, 13453, 13742, 14869, 7002

NIPPONDENSO (cont'd.)



46-82201
Terminal Block

For: Nippondenso ER/IF Alternators
Used On: (2000-93) Chrysler, Dodge, Eagle, Plymouth
Unit Nos: Nippondenso 121000-348, -349, -351, -352, -357, -358, -416, -421, -426, -433
Lester Nos: 13443, 13444, 13578, 13592, 13593, 13594, 13741, 13765



46-82204
Terminal Block

For: Nippondenso ER/IF Alternators
Used On: (2006-01) Chrysler, Dodge
Unit Nos: Nippondenso, 421000-006, 421000-023, 5-121000-252
Lester Nos: 13868



46-82205
Terminal Block

For: Nippondenso ER/IF Alternators
Used On: (2006-04) Chrysler
Unit Nos: Nippondenso 421000-030
Lester Nos: 11063



46-82300
Connector - Rectifier to S.R.E. Cover

For: Nippondenso ER/IF, IR/IF Alternators
Note: Used w/ 85-1316 screw



46-82400
Cover - Brush Holder

For: Nippondenso ER/IF, IR/IF Alternators
Note: Used in 39-8202, 39-8203 brush holder assys.



46-82451
Cover - S.R.E. Frame

For: Nippondenso 55-80A IR/IF Alternators
Used On: (1995-83) Acura, Daihatsu, Geo, Honda, Isuzu, Sterling, Suzuki, Toyota
Unit Nos: Nippondenso 100211-100, -103, -104, -105, -106, -108, -109, -110, -118, -120, -121, -123, -126, -127, -131, -132, -134, -135, -136, -137, -138, -141, -200, -201, -202, -203, -205, -206, -207, -210, -213, -214, -215, -216, -217, -221, -225, -228, -237, -238, -250, -255, -273, -303, -304, -306, -309, -311, -315, -316, -317, -318, -322, -326, -330, -331, -332, -335, -339, -340, -343, -350, -351, -352, -353, -354, -355, -359, -361, -363, -366, -369, -377, -382, -389, -396, -700, -704, -705, -706, -707, -710, -713, -718, -726, -733, -743, -745, -746, -747, -750, -757, -769, -780, -781, -782, -797, -891, -971, -973, -977, -978, -984; 100213-045; 101211-025, -083, -083
(cont'd.)
Lester Nos: 12205, 209; 13229, 240, 241, 277, 294, 319, 322, 326, 339, 383, 392, 397, 398, 433, 455, 456, 508, 509, 521; 14449, 454, 455, 457, 458, 472, 591, 611, 643, 668, 671, 674, 678, 679, 680, 682, 683, 684, 732, 755, 756, 757, 759, 847, 849, 851, 852, 853, 854, 855, 857, 870, 930, 931, 935, 939, 941, 974, 989
WAI Ref. Nos: 1-1000-01ND, 1-1001-01ND, 1-1002-01ND, 1-1003-01ND, 1-1007-01ND, 1-1007-02ND, 1-1008-01ND, 1-1015-01ND, 1-1017-01ND, 1-1019-01ND, 1-1022-01ND, 1-1023-01ND, 1-1026-01ND, 1-1028-01ND, 1-1036-01ND, 1-1037-01ND, 1-1039-01ND, 1-1050-01ND, 1-1050-02ND, 1-1051-01ND, 1-1053-01ND, 1-1054-01ND, 1-1055-01ND, 1-1062-01ND, 1-1062-02ND, 1-1075-01ND, 1-1076-01ND, 1-1077-01ND, 1-1084-01ND, 1-1088-01ND, 1-1090-01ND, 1-1166-01ND, 1-1166-02ND, 1-1228-01ND, 1-1242-01ND, 1-1242-02ND, 1-1262-01ND, 1-1415-01ND, 1-1418-01ND, 1-1546-01ND, 1-1831-01ND, 1-1883-01ND, 1-1963-01ND, 1-1964-01ND, 1-1966-01ND, 1-1967-01ND, 1-2411-01ND



46-82452
Cover - S.R.E. Frame

For: Nippondenso 75-90A ER/IF Alternators
Used On: (1998-85) Chrysler, Dodge, Jeep, Plymouth
Unit Nos: Nippondenso 121000-300, 121000-310, 121000-330, 121000-331, 121000-333, 121000-336, 121000-337, 121000-338, 121000-339, 121000-340, 121000-343, 121000-344, 121000-345
Lester Nos: 13184, 13185, 13245, 13256, 13305, 13306, 13307, 13312, 13341, 13353, 13442
WAI Ref. Nos: 1-1490-01ND, 1-1490-02ND, 1-1490-03ND, 1-1503-01ND, 1-1503-02ND, 1-1503-03ND, 1-1503-04ND, 1-1510-01ND, 1-1511-01ND, 1-1527-01ND, 1-1531-01ND, 1-1971-01ND
Note: Early style wo/ grd. Strap opening. Similar to 46-82456 except 46-82456 w/ grd. strap opening.



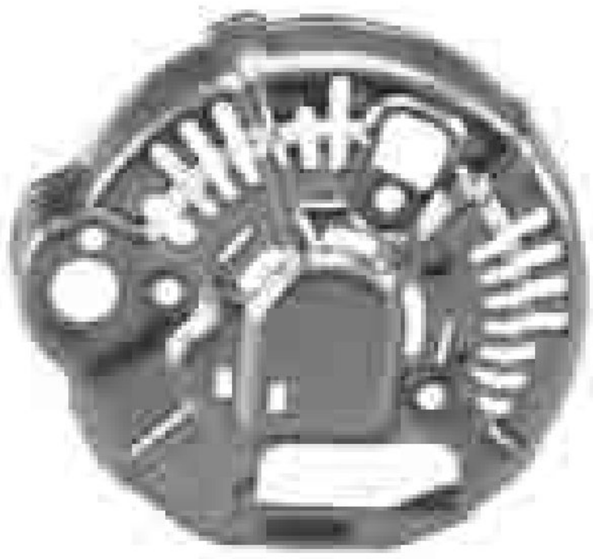
46-82454
Cover - S.R.E. Frame

For: Nippondenso 120A ER/IF Alternators
Used On: (1996-88) Chrysler, Dodge, Plymouth
Unit Nos: Nippondenso 121000-400, 121000-401, 121000-403, 121000-404, 121000-405, 121000-406, 121000-407, 121000-408, 121000-409, 121000-410
Lester Nos: 13280, 13301, 13302, 13304, 13308, 13309, 13310, 13311, 13313
WAI Ref. Nos: 1-1491-01ND, 1-1491-02ND, 1-1491-03ND, 1-1491-04ND, 1-1504-01ND, 1-1504-02ND, 1-1504-03ND, 1-1504-04ND, 1-1504-05ND
Note: Early style wo/ grd. strap opening. Similar to 46-82457 except 46-82457 w/ grd. strap opening.



46-82455
Cover - S.R.E. Frame

For: Nippondenso 90A ER/IF Alternators
Used On: (2000-96) Chrysler, Dodge, Eagle, Plymouth
Unit Nos: Nippondenso 121000-348, 121000-352, 121000-357, 121000-358
Lester Nos: 13443, 13593
WAI Ref. Nos: 1-1592-01ND, 1-2073-01ND
Note: Used w/ 46-82300 grd. strap & 85-1316 screw



46-82456
Cover - S.R.E. Frame

For: Nippondenso 75-90A ER/IF Alternators
Used On: (1998-90) Dodge, Jeep
Unit Nos: Nippondenso 121000-310, 121000-330, 121000-331, 121000-333, 121000-334, 121000-336, 121000-337, 121000-338, 121000-339, 121000-340, 121000-341, 121000-343, 121000-344, 121000-346, 121000-347, 121000-353
Lester Nos: 13184, 13185, 13245, 13256, 13305, 13306, 13307, 13312, 13353, 13354, 13442
WAI Ref. Nos: 1-1490-01ND, 1-1490-02ND, 1-1490-03ND, 1-1503-01ND, 1-1503-02ND, 1-1503-03ND, 1-1503-04ND, 1-1503-05ND, 1-1503-06ND, 1-1510-01ND, 1-1527-01ND, 1-1527-02ND, 1-1527-03ND, 1-1531-01ND, 1-1971-01ND
Note: Late style w/ grd. strap opening. Similar to 46-82452 except 46-82452 wo/ grd. strap opening.
Used w/ 46-82300 grd. strap & 85-1316 screw.



46-82457
Cover - S.R.E. Frame

For: Nippondenso 120A ER/IF Alternators
Used On: (1998-91) Dodge, Jeep
Unit Nos: Nippondenso 121000-400, 121000-401, 121000-403, 121000-404, 121000-405, 121000-406, 121000-407, 121000-408, 121000-409, 121000-410, 121000-412, 121000-413, 121000-415, 121000-417
Lester Nos: 13280, 13301, 13302, 13304, 13308, 13309, 13310, 13311, 13313, 13453, 13742, 13746
(cont'd.)

(cont'd.)
WAI Ref. Nos: 1-1491-01ND, 1-1491-02ND, 1-1491-03ND, 1-1491-04ND, 1-1504-01ND, 1-1504-02ND, 1-1504-03ND, 1-1504-04ND, 1-1504-05ND, 1-1504-06ND, 1-2074-01ND, 1-2087-01ND
Note: Late style w/ grd. strap opening. Similar to 46-82454 except 46-82454 wo/ grd. strap opening.
Used w/ 46-82300 grd. strap & 85-1316 screw.



46-82458
Cover - S.R.E. Frame

For: Nippondenso 70-100A IR/IF Alternators
Used On: (1996-89) Acura, Honda, Lexus, Toyota
Unit Nos: Nippondenso 100211-802, 100211-803, 100211-805, 100211-807, 100211-811, 100211-813, 100211-815, 100211-819, 100211-830, 100211-839, 100211-855, 100211-856, 100211-857, 100211-864, 100211-866, 100211-877
Lester Nos: 13276, 13278, 13319, 13323, 13325, 13331, 13395, 13396, 13407, 13408, 13507
WAI Ref. Nos: 1-1011-01ND, 1-1029-01ND, 1-1039-02ND, 1-1063-01ND, 1-1421-01ND, 1-1726-01ND, 1-1854-01ND, 1-1857-01ND, 1-1858-01ND, 1-1893-01ND, 1-1965-01ND, 1-1973-01ND, 1-2009-01ND, 1-2149-01ND

NIPPONDENSO (cont'd.)



46-82460
Cover - S.R.E. Frame

For: Nippondenso 70-100A IR/IF Alternators
Used On: (1997-92) Acura, Honda, Isuzu, Toyota
Unit Nos: Nippondenso 100211-802, 100211-803, 100211-806, 100211-807, 100211-828, 100211-830, 100211-835, 100211-839, 100211-848, 100211-854, 100211-855, 100211-857, 100211-866, 100211-871, 100211-874, 100211-877, 100211-883, 100211-885, 100211-886, 100211-889, 101211-514, 101211-536, 101211-541, 101211-542, 101211-543, 101211-549, 101211-550, 101211-569, 101211-585, 101211-912, 101211-914
Lester Nos: 13276, 13319, 13323, 13325, 13331, 13394, 13395, 13396, 13407, 13413, 13506, 13507, 13529, 13538, 13539, 13540, 13684



46-82462
Cover - S.R.E. Frame

For: Nippondenso 70-90A IR/IF Alternators
Used On: (2005-93) Lexus, Toyota
Unit Nos: Nippondenso 101211-545, 101211-556, 101211-562, 101211-571, 101211-906, 101211-910, 101211-935, 101211-941, 101211-960, 101211-971, 101211-978, 102211-192, 102211-200
Lester Nos: 13545, 13552, 13558, 13732, 13747, 13748, 13755
WAI Ref. Nos: 1-1843-01ND, 1-1864-01ND, 1-1975-01ND, 1-2050-01ND, 1-2086-01ND, 1-2138-01ND, 1-2144-01ND, 1-2371-01ND, 1-2373-01ND



46-82463
Cover - S.R.E. Frame

For: Nippondenso 70-90A IR/IF Alternators
Used On: (2002-93) Chevrolet, Geo, Lexus, Toyota
Unit Nos: Nippondenso 100211-899, 101211-501, 101211-502, 101211-508, 101211-511, 101211-515, 101211-516, 101211-523, 101211-524, 101211-527, 101211-554, 101211-561, 101211-572, 101211-597, 101211-901, 101211-915, 101211-951, 101211-959, 101211-963, 101211-996, 102211-124
Lester Nos: 13457, 13481, 13487, 13489, 13495, 13497, 13537, 13546, 13551, 13557, 13669, 13754, 13756, 13794
WAI Ref. Nos: 1-1856-01ND, 1-1865-01ND, 1-1931-01ND, 1-1936-01ND, 1-1976-01ND, 1-1977-01ND, 1-1978-01ND, 1-1982-01ND, 1-1983-01ND, 1-2080-01ND, 1-2146-01ND, 1-2167-01ND, 1-2238-01ND, 1-2366-01ND
Note: With grd. strap cut-out



46-82464
Cover - S.R.E. Frame

For: Nippondenso 60-70A IR/IF Alternators
Used On: (1998-93) Geo, Suzuki, Toyota
Unit Nos: Nippondenso 101211-006, 101211-007, 101211-012, 101211-013, 101211-019, 101211-020, 101211-034, 101211-035, 101211-053, 101211-055, 101211-072, 101211-073, 101211-074, 101211-412, 101211-413
(cont'd.)

(cont'd.)
Lester Nos: 13409, 13482, 13486, 13492, 13496, 13499, 13512, 13536, 13659, 13670, 13671, 13673, 13679, 13680
WAI Ref. Nos: 1-1763-01ND, 1-1838-01ND, 1-1839-01ND, 1-1863-01ND, 1-1885-01ND, 1-1892-01ND, 1-1930-01ND, 1-1935-01ND, 1-2051-01ND, 1-2052-01ND, 1-2053-01ND, 1-2081-01ND, 1-2148-02ND, 1-2157-01ND
Note: Without grd. strap cut-out



46-82465
Cover - S.R.E. Frame

For: Nippondenso 120-130A ER/IF Alternators
Used On: (2000-96) Chrysler, Dodge, Plymouth
Unit Nos: Nippondenso 121000-416, -421, -426, -433, -433
Lester Nos: 13592, 13594, 13741, 13765
WAI Ref. Nos: 1-2007-01ND, 1-2056-01ND, 1-2075-01ND, 1-2228-01ND



46-82466
Cover - S.R.E. Frame

For: Nippondenso 120-140A ER/IF Alternators
Used On: (2005-98) Chrysler, Dodge, Jeep
Unit Nos: Nippondenso 121000-423, -425, -437, -4482, -453, -454, -458, -458
Lester Nos: 11116, 13763, 13790, 13873, 13874, 13964
WAI Ref. Nos: 1-2188-01ND, 1-2286-01ND, 1-2289-01ND, 1-2389-01ND, 1-2497-01ND, 1-2537-01ND



46-82467
Cover - S.R.E. Frame

For: Nippondenso 81-117A ER/IF Alternators
Used On: (2003-99) Dodge, Jeep
Unit Nos: Nippondenso 121000-361, -362, -363, -367, -376, -378, -378
Lester Nos: 13822, 13823, 13834, 13906, 13910
WAI Ref. Nos: 1-2224-01ND, 1-2225-01ND, 1-2285-01ND, 1-2388-01ND, 1-2388-02ND,



46-82469
Cover - S.R.E. Frame

For: Nippondenso 60-70A IR/IF Alternators
Used On: (2000-97) Suzuki, Toyota
Unit Nos: Nippondenso 102211-504, -505, -509, -513, -515
Lester Nos: 13671, 13673, 13680, 13711, 13858
WAI Ref. Nos: 1-2182-01ND, 1-2183-01ND, 1-2211-01ND, 1-2323-01ND, 1-2424-01ND



46-82471
Cover - S.R.E. Frame

For: Nippondenso 136A ER/IF Alternators
Used On: (2005-99) Dodge
Unit Nos: Nippondenso 121000-427, -428, -429, -435, -459
Lester Nos: 13766, 13824, 13842
WAI Ref. Nos: 1-2226-01ND; 1-2227-01ND, -02ND; 1-2534-01ND



46-82468
Cover - S.R.E. Frame

For: Nippondenso 80-95A IR/IF Alternators
Used On: (2002-96) Acura, Honda, Isuzu
Replaces: Honda 31135-P2C-003
Unit Nos: Nippondenso 101211-925, -931, -933, -976, -981, -986, -997, -999; 102211-101, -102, -126, -127, -171
Lester Nos: 13674, 13677, 13722, 13737, 13743, 13767, 13776
WAI Ref. Nos: 1-2022-01ND, 1-2055-01ND, 1-2083-01ND, 1-2122-01ND, 1-2142-01ND, 1-2189-01ND, 1-2194-01ND
Note: With grd. strap cut-out



46-82470
Cover - S.R.E. Frame

For: Nippondenso 100-110A IR/IF Alternators
Used On: (2004-95) Lexus, Mazda, Toyota
Replaces: Mazda KL47-18-W80, Toyota 27039-20010, 27039-20060
Unit Nos: Nippondenso 101211-707, -717, -752, -775, -784; 102211-059, -065
Lester Nos: 13688, 13706, 13806, 13844
WAI Ref. Nos: 1-2085-01ND, 1-2181-01ND, -02ND; 1-2190-01ND; 1-2277-01ND, -02ND,



46-82480
Cover - S.R.E. Frame

For: Nippondenso 45-60A IR/IF Alternators
Used On: (1995-85) Chevrolet, Daihatsu, Geo, Isuzu, Suzuki, Toyota; Toyota Forklift
Replaces: Daihatsu 27039-87704-000; GM 94455165, 96051989; Honda 31135-PJ7-003; Isuzu 8-94159-782-0, 8-94455-165-0; Suzuki 31614-86510, Toyota 27039-72150
Unit Nos: Nippondenso 100211-155, -156, -157, -407, -411, -413, -415, -417, -426, -429, -435, -660, -672, -686, -687, -693, -696, -699; 101211-202, -236
Lester Nos: 12183, 12184, 13214, 13239, 13255, 13316, 13390, 13414, 13522, 14684, 14732, 14733, 14843, 14870, 14872, 14937, 14940
WAI Ref. Nos: 1-1085-01ND, 1-1228-01ND, 1-1230-01ND, 1-1230-02ND, 1-1237-01ND, 1-1238-01ND, 1-1260-01ND, 1-1261-01ND, 1-1519-01ND, 1-1881-01ND, 1-1968-01ND, 1-1969-01ND, 1-2439-01ND

NIPPONDENSO (cont'd.)



46-82481
Cover - S.R.E. Frame

For: Nippondenso 110-120A IR/IF Alternators
Used On: (1997-91) Acura, Jaguar
Unit Nos: Nippondenso 100211-617, 100211-631, 100211-645, 101211-722
Lester Nos: 13387, 13524, 13685, 13690
WAI Ref. Nos: 1-1410-01ND, 1-1889-01ND, 1-2084-01ND, 1-2259-01ND



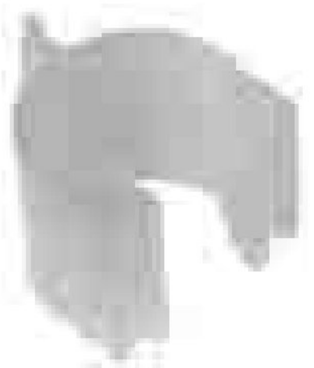
46-82482
Cover - S.R.E. Frame

For: Nippondenso 105-130A IR/IF Alternators
Used On: (2003-99) Acura, Honda
Replaces: Honda 31135-P8F-A01
Unit Nos: Nippondenso 101211-785, 102211-068, 102211-069
Lester Nos: 13769, 13835, 13836
WAI Ref. Nos: 1-2239-01ND, 1-2374-01ND, 1-2375-01ND



46-82483
Cover - Brush Holder

For: Nippondenso 120-136A ER/IF Alternators
Used On: (2005) Chrysler, Dodge
Unit Nos: Chrysler 4606755AC; 4868431AF, AG; Nippondenso 421000-022, -023
Lester Nos: 13868, 13871
WAI Ref. Nos: 1-2324-01ND, 1-2505-01ND
Note: Used on 39-8206 brush holder assy.



46-82485
Cover - Brush Holder

For: Nippondenso 120-140A ER/IF, IR/IF Alternators
Used On: (2005-01) Cadillac, Chrysler, Dodge, Jeep, Pontiac
Unit Nos: Nippondenso 104210-306, -307; 421000-001, -002, -003, -004, -006, -010, -011, -012
Lester Nos: 13867, 13870, 13871, 13912, 13913, 13914, 13919, 13923
WAI Ref. Nos: 1-2324-01ND, 1-2407-01ND, 1-2407-02ND, 1-2441-01ND, 1-2505-01ND, 1-2507-01ND, 1-2524-01ND, 1-2536-01ND, 1-2540-01ND
Note: Used on WAI 39-8207, INB420-1 brush holder assys.



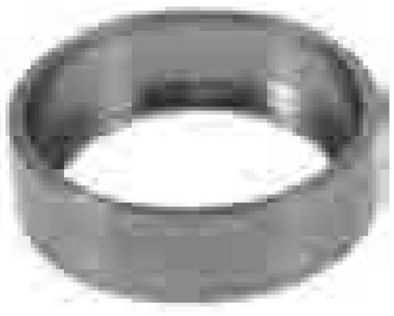
46-82500
Bearing Retainer - D.E. Frame

For: Nippondenso ER/IF, IR/IF Alternators
Used On: (2005-85) Acura, Chevrolet, Chrysler, Dodge, Eagle, Geo, Honda, Isuzu, Jaguar, Jeep, Lexus, Mazda, Plymouth, Toyota, Volvo; John Deere
Lester Nos: 13184, 185, 234, 245, 252, 256, 276, 278, 280, 301, 302, 304-313, 319, 321, 325, 331, 341, 353, 354, 384-389, 393, 394, 396, 407, 408, 410, 413, 419, 424, 440, 442, 443, 444, 453, 454, 457, 481, 487, 489, 495, 497, 498, 501, 502, 506, 507, 519, 524, 525, 529, 537, 538, 539, 540, 545-548, 551, 552, 553, 556, 557, 558, 562, 578, 592, 593, 594, 668, 669, 674, 675, 677, 685, 687, 688, 690, 706, 715, 722, 732, 737, 738, 741, 742, 743, 747, 748, 754, 755, 756, 763, 765-769, 776, 790, 794, 806, 822, 823, 824, 842, 844; 14460
Dim: 68mm W x 68mm L
Note: Used w/ 10-3042-4 ball bearing



46-82550
Cup - D.E. Bearing Conversion

For: Nippondenso IR/IF Alternators
Dim: 42mm ID x 46mm OD x 13.2mm W
Note: Used w/ 6-302-4 ball bearing, 46-89602 spacer to replace 10-3022-4 ball bearing w/ 15mm ID x 46mm OD x 14mm W



46-82551
Cup - D.E. Bearing Conversion

For: Nippondenso ER/IF, IR/IF Alternators
Dim: 47mm ID x 52mm OD x 15.2mm W
Note: Used w/ 6-303-4 ball bearing, 46-89604 spacer to replace 10-3042-4 ball bearing w/ 17mm ID x 52mm OD x 16mm W



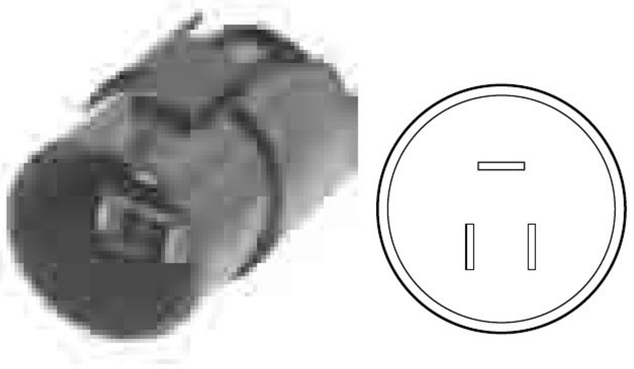
46-82553
Cup - D.E. Bearing Conversion
For: Nippondenso IR/IF Alternators
Dim: 42mm ID x 52mm OD x 15.2mm W
Note: Used w/ 6-302-4 ball bearing, 46-89607 spacer to replace 10-3041-4 ball bearing w/ 15mm ID x 52mm OD x 16mm W



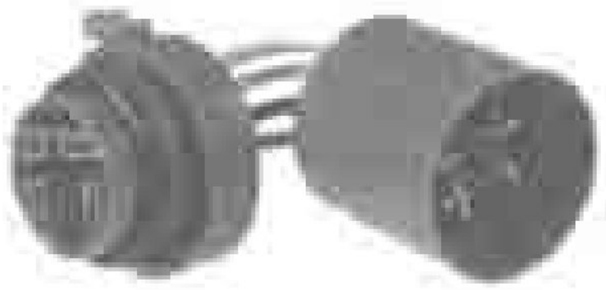
46-82700
Cover - S.R.E. Bearing (Ext.)
For: Nippondenso ER/IF, IR/IF Alternators
Dim: 15mm ID x 22mm OD x 2.2mm T

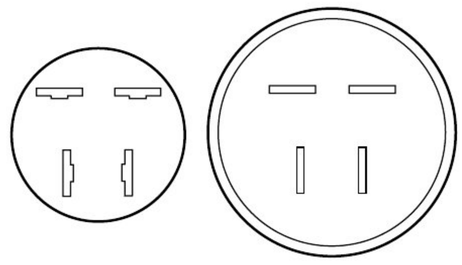


46-82701
Cover - S.R.E. Bearing (Int.)
For: Nippondenso ER/IF, IR/IF Alternators
Dim: 15.4mm ID x 26mm OD x .25mm T



46-82800
Repair Plug - 3-Prong
For: Nippondenso IR/IF Alternators
Note: Used to repair broken regulator housings
Features:
• Simply slides over broken plug

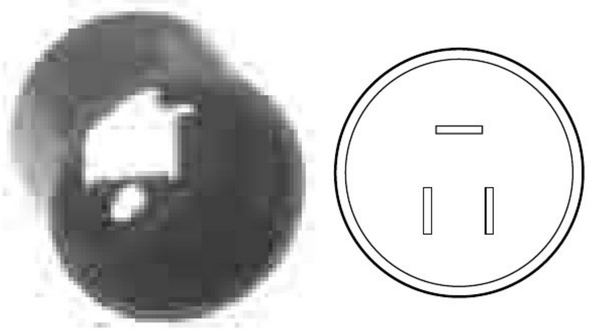




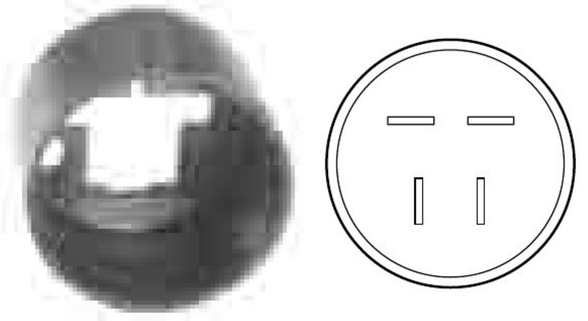
46-82801
Extension Harness - 4-Prong
For: Nippondenso IR/IF Alternators
Note: Used to repair broken regulator housings.
Extends original harness permitting more regulator clock positions. Used w/ plug codes 290, 292, 294.



46-82802
Spring Washer - S.R.E. Bearing
For: Nippondenso ER/IF, IR/IF Alternators
Dim: 24.5mm ID x 35.2mm OD



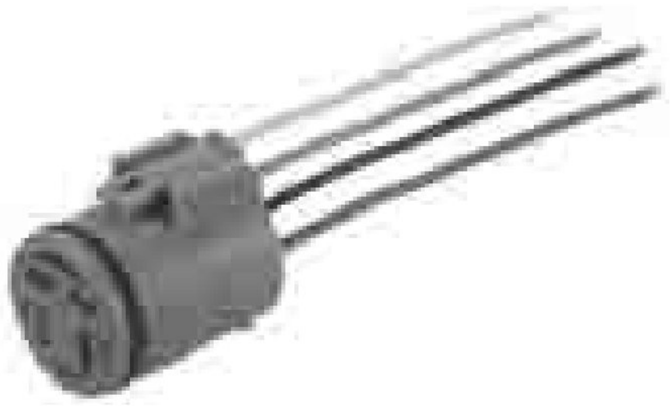
46-82805
Repair Plug - 3-Prong
For: Nippondenso IR/IF Alternators
Note: Used to repair broken regulator housings.
Requires 84-1110 screw.
Included in 49-82100 regulator plug kit.



46-82806
Repair Plug - 4-Prong
For: Nippondenso IR/IF Alternators
Note: Used to repair broken regulator housings.
Requires 84-1110 screw.
Included in 49-82106 regulator plug kit.



46-82807
Repair Harness - 3-Prong
For: Nippondenso IR/IF Alternators
Used On: (1997-83) Chevrolet, Daihatsu, Dodge, Geo, Honda, Isuzu, Jaguar, Lexus, Suzuki, Toyota; John Deere
Note: Used w/ plug codes 280, 282, 284



46-82808
Repair Harness - 4-Prong
For: Nippondenso IR/IF Alternators
Used On: (1997-85) Acura, Honda, Isuzu, Sterling
Note: Used w/ plug codes 290, 292, 294



46-89600
Spacer - S.R.E. Bearing Conversion
For: Nippondenso ER/IF, IR/IF Alternators
Dim: 15mm ID x 29mm OD x 2mm W
Note: Used w/ 6-202-4 ball bearing to replace 10-2021-4 ball bearing w/ 15mm ID x 35mm OD x 13mm W

NIPPONDENSO (cont'd.)



46-89602
Spacer - D.E. Bearing Conversion

For: Mitsubishi IR/IF; Nippondenso ER/IF, IR/IF Alternators
Dim: 15mm ID x 22mm OD x 1mm W
Note: Used w/ 6-302-4 ball bearing, 46-82550 sleeve to replace 10-3022-4 ball bearing w/ 15mm ID x 46mm OD x 14mm W.
Used w/ 6-302-4 ball bearing, 46-83551 sleeve to replace 10-3031-4 ball bearing w/ 15mm ID x 47mm OD x 14mm W.
Also used as pulley spacer w/ 24-82265, 24-83265 pulleys.



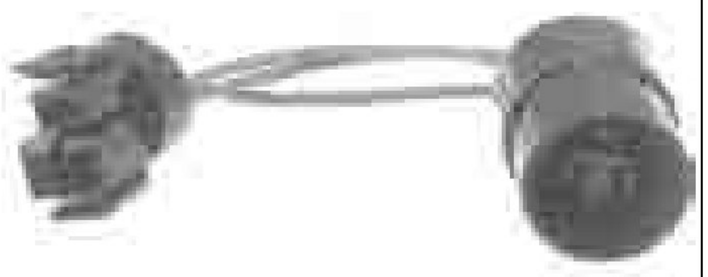
46-89604
Spacer - D.E. Bearing Conversion

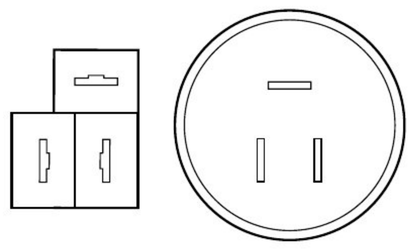
For: Nippondenso ER/IF, IR/IF Alternators
Dim: 17mm ID x 29mm OD x 2mm W
Note: Used w/ 6-303-4 ball bearing, 46-82551 cup to replace 10-3042-4 ball bearing w/ 17mm ID x 52mm OD x 16mm W



46-89607
Spacer - D.E. Bearing Conversion

For: Nippondenso IR/IF Alternators
Dim: 15mm ID x 29mm OD x 3mm W
Note: Used w/ 6-302-4 ball bearing, 46-82553 cup to replace 10-3041-4 ball bearing w/ 15mm ID x 52mm OD x 16mm W





46-89815
Adapter Plug

For: Nippondenso IR/EF Alternators
Used On: Toyota
Lester Nos:
14341 to 14672
WAI Ref. Nos:
1-1048-02ND to 1-1049-01ND
Note: Converts Toyota alternators w/ L-shaped plug to Toyota alternators w/ round plug.



49-82100
Regulator Plug Kit - 3-Terminal

For: Nippondenso IR/IF Alternators
Note: Used to repair broken regulator housing.
To install:
- Use pliers to break away as much of the original round connector as possible.
- Remove any remaining plastic with a grinder until the repair connector will sit flush against the original terminal area.
- Holding the connector in proper alignment, mark for a drill hole on the regulator through the connector's countersunk hole.
- Drill a 3/32" hole completely through the regulator's plastic base and align repair plug flat against the base.
- Secure the connector with the flat phillips head screw (provided).

Components:
46-82805 Repair Plug
84-1110 Screw 4-24



49-82106
Regulator Plug Kit - 4-Terminal

For: Nippondenso IR/IF Alternators
Note: Used to repair broken regulator housing.
To install:
- Use pliers to break away as much of the original round connector as possible.
- Remove any remaining plastic with a grinder until the repair connector will sit flush against the original terminal area.
- Holding the connector in proper alignment, mark for a drill hole on the regulator through the connector's countersunk hole.
- Drill a 3/32" hole completely through the regulator's plastic base and align repair plug flat against the base.
- Secure the connector with the flat phillips head screw (provided).

Components:
46-82806 Repair Plug
84-1110 Screw 4-24



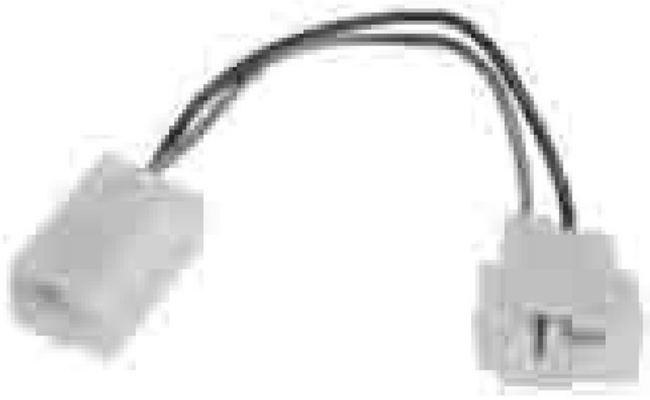
INP420
Terminal Block

For: Nippondenso ER/IF Alternators
Used On: (2005-02) Chrysler, Dodge, Jeep
Unit Nos: Chrysler 4606622AA; 56029700AA, AB, AC; 56029701AA, 56029914AA;
Nippondenso 421000-004, -010, -011, -012, -0121
Lester Nos: 13912, 13913, 13914, 13923
WAI Ref. Nos: 1-2441-01ND, 1-2524-01ND, 1-2536-01ND, 1-2541-01ND



INP421
(Ref# 46-82203)
Terminal Block

For: Nippondenso ER/IF Alternators
Used On: (2005-01) Chrysler, Dodge
Unit Nos: Chrysler, 4727324AB; 4868430AB, AC, AD, AE; 4868431AB, AC, AF, AG;
Nippondenso, 421000-001, -0012, -002, -003, -0223, -0223,
Lester Nos: 13867, 13870, 13871
WAI Ref. Nos: 1-2505-01ND, 1-2507-01ND, 1-2540-01ND



WAF04
(Ref# 46-89803)
Adapter Plug

For: Nippondenso ER/EF Alternators
Used On: Nissan
Lester Nos:
14130 to 14118;
14129 to 14105
Note: Converts 3-Wire Toyota Alternators to fit 2-Wire Nissan Alternators



WAF08
(Ref# 46-89807)
Adapter Plug

For: Nippondenso ER/EF Alternators
Used On: Toyota
Lester Nos:
14130 to 14153;
14131 to 14158
WAI Ref. Nos:
1-1064-01ND to 1-1044-01ND;
1-1056-01ND to 1-1005-01ND
Note: Converts Toyota Alternators wo/ Locking Plug to Toyota Alternators w/ Locking Plug



WAF01
(Ref# 46-89800)
Adapter Plug

For: Nippondenso ER/EF Alternators
Used On: Toyota
Lester Nos:
14130 to 14273;
14138 to 14273;
14153 to 14181;
14153 to 14273
WAI Ref. Nos:
1-1044-01ND to 1-1032-01ND;
1-1044-01ND to 1-1577-01ND;
1-1064-01ND to 1-1032-01ND
Note: Converts plug code 140 used on early Toyota ER/EF alternators to plug code 300 used on late Toyota ER/EF alternators w/ green plug.



WAF07
(Ref# 46-89806)
Adapter Plug

For: Nippondenso ER/EF Alternators
Used On: Toyota
Lester Nos:
14153 to 14140, 14275;
14158 to 13169, 14315, 14334
Note: Adapts Externally Regulated Toyota Alternators to replace Internally Regulated Alternators

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

PRESTOLITE



49-6100
Retainer & Seal Kit - D.E. Bearing

For: Prestolite ANB Series Alternators
Replaces: Prestolite 90-2164



49-6103
Retainer & Seal Kit - S.R.E. Bearing

For: Prestolite ANB Series Alternators
Replaces: Prestolite 90-2059



49-6500
Terminal Kit - Rectifier

For: Prestolite ANB Series Alternators
Replaces: Prestolite 90-2391
Components:
84-1323 Screw 10-24
84-2402 Hex Nut 1/4-28
84-4304 Flat Washer No. 10
84-4309 Lock Washer No. 10
84-4401 Lock Washer 1/4
84-4403 Flat Washer 1/4

VALEO



46-94407
Tolerance Ring / Cover

For: Paris Rhone / Valeo IR/EF Alternators
Used On: (1990-77) Eagle, Peugeot, Porsche, Renault, Volvo
Unit Nos: Paris Rhone / Valeo A13N1M, A13N2M, A13N21T, A13N34, A13N35M, A13N36M, A13N55M, A13N57M, A13N61T, A13N147M, A13N148M, A13N229T, A13N239, A13N262, A14N11, A14N14, A14N23, A14N28T, A14N32T, A14N38, A14N3T, A14N47M, A14N50, A14N51, A14N55, A14N56, A14N59, A14N63, A14N65, A14N67, A14N69, A14N71, A14N73, A14N76, A14N77, A14N78, A14N80, A14N81M, A14N82, A14N88, A14N89, A14N95, A14N97, A14N99, A14N112M, A14N113, A14N118M, A14N160, A14N206M, A14R33
Lester Nos: 13068, 13224, 14331, 14420, 14594, 14602, 14892, 14894, 14895, 14899, 14900, 14955, 14957, 14961, 14963
WAI Ref. Nos: 1-1294-01PR, 1-1306-01PR, 1-1307-01PR, 1-1308-01PR, 1-1311-01PR, 1-1331-01PR, 1-1336-01PR, 1-1361-01PR, 1-1362-01PR, 1-1579-01PR, 1-1602-01PR, 1-1938-01PR, 1-1945-01PR
Note: Used w/ 6201 ball bearing
w/ 12mm ID x 32mm OD x 10mm W



46-94421
Cover - Slip Ring

For: Valeo IR/IF Alternators
Used On: (2005-01) Buick, Chevrolet, Oldsmobile, Pontiac, Saturn
Unit Nos: Delco / GM 10300559, 10317731, 10426395, 22683070, 22683071; Valeo 2542454A, 2650135A; SG10S034, 036, 044; SG12B0S41; SG12S057, 070, 083, 084, 084
Lester Nos: 13866, 13938, 13944
WAI Ref. Nos: 1-2506-01VA, 1-2551-01VA, 1-2552-01VA
Note: Used on WAI M524 regulator.

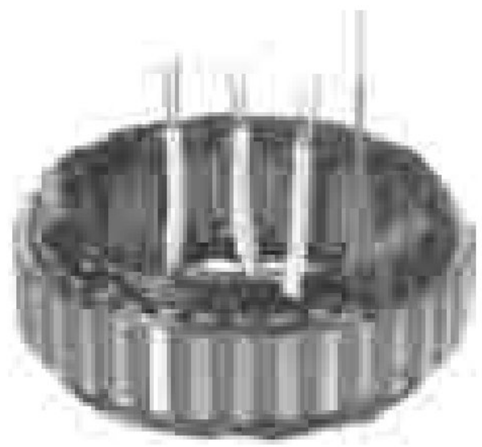
SPECIALTY



R330
Resistor
1/2 Watt, 330 Ohm, 5%

Note: General-purpose resistor
Features:
• Transpo

BOSCH



27-9105
Stator
115 Amp/12 Volt

For: Bosch 468 Series 110-115A IR/EF Alternators
Used On: (1996-87) Alfa Romeo, Audi, BMW, Jaguar, Saab
Replaces: Bosch 1-125-045-127, -195
Unit Nos: Bosch 0-120-468-001, -002, -003, -007, -008, -017, -018, -019, -020, -023, -025, -027, -028, -030, -031, -035, -036, -042, -043, -045, -046, -050, -051, -056, -061, -062, -067, -068, -069, -070, -112
Lester Nos: 12131, 13216, 13242, 13260, 13270, 13281, 13360, 13362, 13364, 13602, 14956
WAI Ref. Nos: 1-1272-01BO, 1-1279-01BO, 1-1285-01BO, 1-1285-02BO, 1-1325-01BO, 1-1351-01BO, 1-1351-02BO, 1-1370-01BO, 1-1476-00BO, 1-1476-01BO, 1-1540-00BO, 1-1540-01BO, 1-1698-01BO, 1-1851-01BO, 1-2045-01BO
Dim: 104mm ID x 142mm Mtg. OD
Features:
- 100% New

CHRYSLER



27-303
Stator
90 Amp/12 Volt

For: Chrysler 40/90A ER/EF Alternators
Replaces: Chrysler 5226072
Unit Nos: Chrysler 5226200, 5227100
Lester Nos: 7002
Dim: 106mm ID x 141mm Mtg. OD
Note: Laminations are machined on outer edges

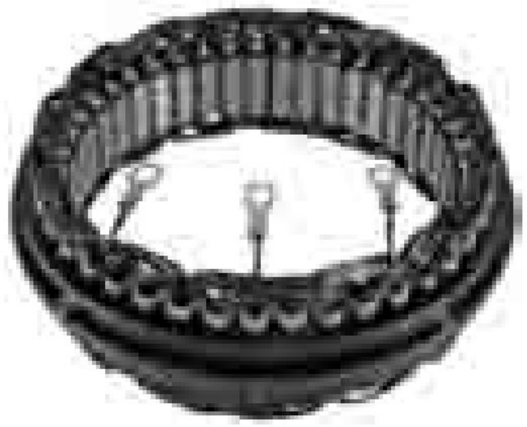
DELCO

10DN, 10SI Series



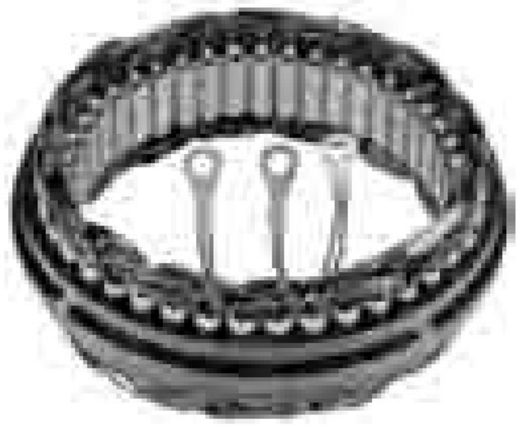
27-100
Stator
63 Amp/12 Volt

For: Delco 10DN Series 37-63A ER/EF Alternators
Replaces: Delco 1959381, 1962025
Dim: 105mm ID x 135mm Mtg. OD
Note: 3-Leads
Features:
- 100% New



27-102
Stator
72 Amp/12 Volt

For: Delco 10SI Series 55-63A; 10SI/Type 116, 136 Series 72A IR/EF Alternators
Replaces: Delco 1851572, 1971639
Lester Nos: 7127, 33, 45, 50, 54, 65, 77, 85, 86, 99; 7282
Dim: 105mm ID x 135mm Mtg. OD
Note: 3-Leads
Features:
- 100% New



27-102-105
Stator
Custom Hi-Output 105 Amp/12 Volt

For: Delco 10SI Series; 10SI/Type 116, 136 Series IR/EF Alternators
Dim: 105mm ID x 135mm Mtg. OD
Note: 3-Leads
Features:
- 100% New
- For building custom 105 amp hi-output alternators



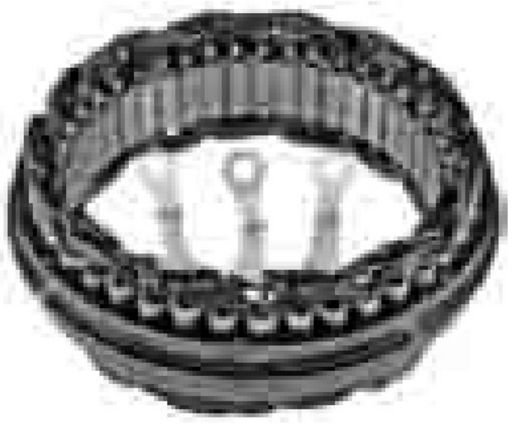
27-102-140
Stator
Custom Hi-Output 140 Amp/12 Volt

For: Delco 10SI Series; 10SI/Type 116, 136 Series IR/EF Alternators
Dim: 105mm ID x 135mm Mtg. OD
Note: 3-Leads
Features:
- 100% New
- For building custom 140 amp hi-output alternators

ALTERNATOR - STATORS (27-)

DELCO

10DN, 10SI Series (cont'd)



27-102-85
Stator
Custom Hi-Output 85 Amp/12 Volt

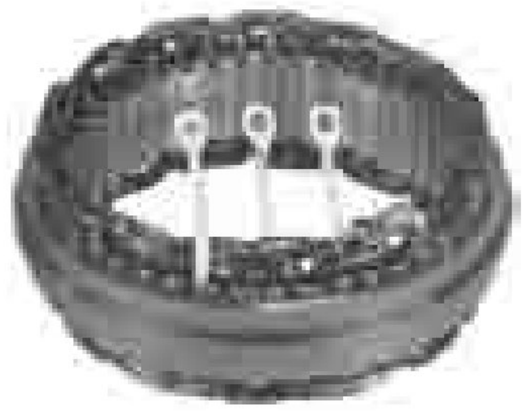
For: Delco 10SI Series; 10SI/Type 116, 136 Series IR/EF Alternators
Dim: 105mm ID x 135mm Mtg. OD
Note: 3-Leads
Features:
- 100% New
- For building custom 85 amp hi-output alternators



27-150
Stator
37 Amp/12-24 Volt

For: Delco 10DN, 10SI Series 18-37A/12-24V IR/EF Alternators
Replaces: Delco 1986280, 1971986
Lester Nos: 7127, 28, 33, 48, 52, 62, 63, 64, 65, 75, 76, 78, 81, 85, 95, 98, 99; 7277, 82, 89
Dim: 105mm ID x 135mm Mtg. OD
Note: 3-Leads
Features:
- 100% New

12SI Series



27-103
Stator
78 Amp/12 Volt

For: Delco 12SI Series 56-78A IR/EF Alternators
Replaces: Delco 1984445, 1984584
Lester Nos: 7272, 73, 74, 75, 77, 78, 79, 82, 92, 93
Dim: 105mm ID x 135mm Mtg. OD
Note: 3-Leads
Features:
- 100% New



27-104
Stator
94 Amp/12 Volt

For: Delco 12SI Series 94A IR/EF Alternators
Replaces: Delco 10497041
Lester Nos: 7294, 7830
Dim: 105mm ID x 135mm Mtg. OD
Note: 3-Leads
Features:
- 100% New



27-104-160
Stator
Custom Hi-Output 160 Amp/12 Volt

For: Delco 12SI Series IR/EF Alternators
Dim: 105mm ID x 135mm Mtg. OD
Note: 3-Leads, 2-Wires/Lead
Features:
- 100% New
- For building custom 160 amp hi-output alternators

15SI, 17SI Series



27-107
Stator
108 Amp/12 Volt

For: Delco 15SI Series 105A; 17SI Series 97-108A IR/EF Alternators
Replaces: Delco 1979722, 1985625
Dim: 108mm ID x 144mm Mtg. OD
Note: 3-Leads
Features:
- 100% New



27-108
Stator
120 Amp/12 Volt

For: Delco 17SI Series 120A IR/EF Alternators
Replaces: Delco 1988989, D3168
Dim: 108mm ID x 144mm Mtg. OD

20SI Series



27-109
Stator
60 Amp/12 Volt

For: Delco 20SI Series 60A/12V IR/EF Alternators
Replaces: Delco 1894490
Dim: 105mm ID x 135mm Mtg. OD
Features:
• 100% New



27-110
Stator
45 Amp/24 Volt

For: Delco 20SI Series 35-45A/24V IR/EF Alternators
Replaces: Delco 1894467, 1974548
Dim: 105mm ID x 135mm Mtg. OD
Features:
• 100% New

21SI, 22SI, CS144 Series



27-125
Stator
130 Amp/12 Volt

For: Delco 21SI, 22SI, 23SI Series 115-130A; CS144 Series 108-124A IR/EF Alternators
(cont'd)

(cont'd)
Replaces: Delco 1989705, 10468714, 10469216, 10472540, 10472882, 10494279
Dim: 108mm ID x 144mm Mtg. OD
Features:
• 100% New



27-126
Stator
100 Amp/12 Volt

For: Delco 21SI, 22SI, 23SI Series 90-100A IR/EF Alternators
Replaces: Delco 10467261, 10467994
Dim: 108mm ID x 144mm Mtg. OD
Note: 9 turns per slot
Features:
• 100% New



27-129-1
Stator
145-160 Amp/12 Volt

For: Delco 21SI, 22SI, 23SI Series 145-160A IR/EF Alternators
Replaces: Delco 10471056
Dim: 108mm ID x 144mm Mtg. OD
Note: 8 turns per slot
Features:
• 100% New



27-129-200
Stator
Custom Hi-Output 220 Amp/12 Volt

For: Delco 21SI, 22SI, 23SI Series IR/EF Alternators
Dim: 108mm ID x 144mm Mtg. OD
Features:
• 100% New
• For building custom 220 amp hi-output alternators



27-133
Stator
145 Amp/12 Volt

For: Delco CS144 Series 140-145A IR/EF Alternators
Replaces: Delco 10470439
Dim: 108mm ID x 144mm Mtg. OD
Note: 9 turns per slot
Features:
• 100% New



27-135-1
Stator
50-70 Amp/24 Volt

For: Delco 21SI, 22SI, 23SI Series 50-70A IR/EF Alternators
Replaces: Delco 10470688, 10470875
Dim: 108mm ID x 144mm Mtg. OD
Features:
• 100% New

ALTERNATOR - STATORS (27-)

DELCO

25SI, 26SI Series



27-111
Stator
75 Amp/12-24 Volt

For: Delco 25SI, 26SI Series 75A/12-24V IR/EF Alternators
Replaces: Delco 1968892
Dim: 116mm ID x 152mm Mtg. OD
Components:
41-1305 Grommet
Features:
• 100% New



27-113
Stator
50 Amp/24-32 Volt

For: Delco 25SI, 26SI Series 50A/24-32V IR/EF Alternators
Replaces: Delco 1971465
Dim: 116mm ID x 152mm Mtg. OD
Components:
41-1305 Grommet
Features:
• 100% New



27-130
Stator
85 Amp/12 Volt

For: Delco 25SI, 26SI Series 85A/12V IR/EF Alternators
Replaces: Delco 10499385
Dim: 116mm ID x 152mm Mtg. OD
Features:
• 100% New

27SI Series



27-114
Stator
65-80 Amp/12-24 Volt

For: Delco 27SI/Type 100, 200, 205 Series 65-80A/12V; 27SI/Type 200 65A/24V IR/EF Alternators
Replaces: Delco 801818, 1852033; Leece-Neville 98818
Dim: 117mm ID x 162mm Mtg. OD
Features:
• 100% New



27-115
Stator
100 Amp/12 Volt

For: Delco 27SI/Type 100, 200, 205 Series 100A/12V IR/EF Alternators
Replaces: Delco 1892941
Dim: 117mm ID x 162mm Mtg. OD
Features:
• 100% New

30SI Series



27-119
Stator
60 Amp/24-32 Volt

For: Delco 30SI Series 60A/24-32V IR/EF Alternators
Replaces: Delco 1876769
Dim: 116mm ID x 152mm Mtg. OD
Note: Requires 41-1310 grommet.
Features:
• 100% New



27-120
Stator
90 Amp/12 Volt

For: Delco 30SI Series 90A/12V IR/EF Alternators
Replaces: Delco 1876804
Dim: 116mm ID x 152mm Mtg. OD
Components:
41-1310 Grommet
Features:
• 100% New



27-131
Stator
105 Amp/12 Volt

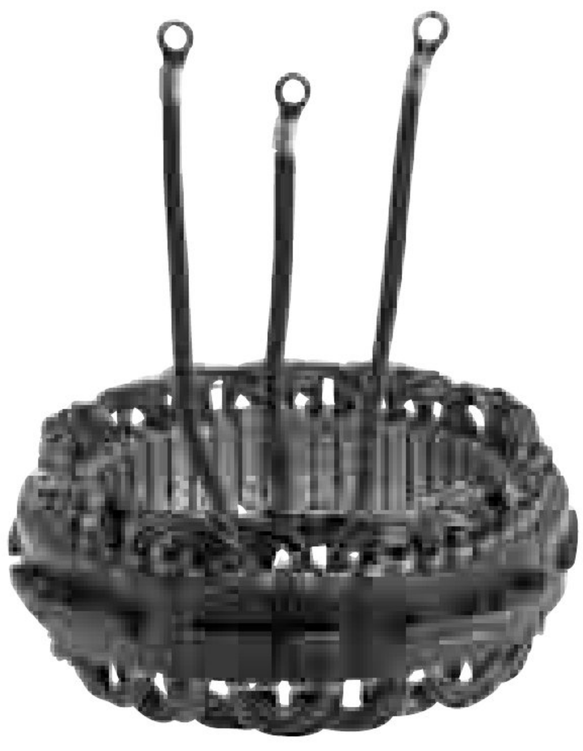
For: Delco 30SI Series 105A/12V IR/EF Alternators
Replaces: Delco 10497825
Dim: 116mm ID x 152mm Mtg. OD
Note: Requires 41-1310 grommet.
Features:
• 100% New

33SI, 34SI Series



27-138
Stator
135 Amp/12 Volt

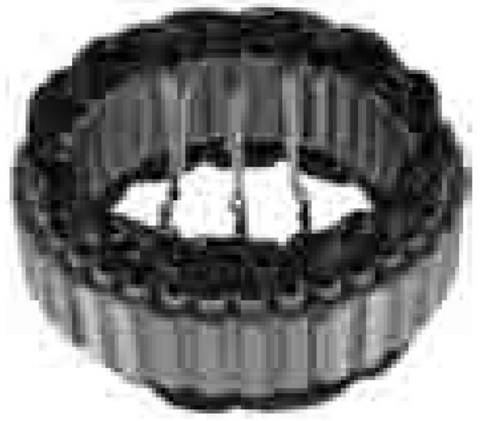
For: Delco 33SI, 34SI Series 135A IR/EF Alternators
Replaces: Delco 10491242
Unit Nos: Delco 19011152, 19011155, 19011156, 19011159, 19011161, 19011163, 19011167, 19011170, 19011171, 19011172, 19011173, 19011177, 19011179, 19011182, 19011183, 19011186, 19011187
Lester Nos: 8082, 8083, 8092, 8093, 8096
Dim: 116mm ID x 152mm Mtg. OD
Features:
• 100% New



27-139
Stator
110 Amp/12 Volt

For: Delco 33SI, 34SI Series 110A IR/EF Alternators
Replaces: Delco 10492139
Unit Nos: Delco 19011150, 19011157
Lester Nos: 8080, 8090
Dim: 116mm ID x 152mm Mtg. OD
Features:
• 100% New

AD230, CS130D Series



27-142
Stator
102-105 Amp/12 Volt

For: Delco CS130D Series 102A, Delco AD230 Series 105A IR/IF Alternators
Replaces: Delco 10453510, 10494740
Unit Nos: Delco 10442782, 783; 10480184, 207, 229, 241, 271, 292, 299, 308, 317, 318, 320, 326, 330, 331, 342, 343, 352, 388, 411; 15768829, 15769252
Lester Nos: 8228, 8229, 8230, 8234, 8238, 8242, 8245, 8247,8249, 8271, 8273, 8285, 8287, 8291
Dim: 97mm ID x 130mm Mtg. OD, 27mmT Lam Stack
Note: *CS130D, 102 amp stators are not interchangeable with CS130D 105 amp stators due to different thickness of lam stacks.
For CS130D 105 amp applications use 27-137.
Features:
• 100% New



27-148-160
Stator
Custom Hi-Output 160 Amp/12 Volt

For: Delco AD230 Series IR/IF Alternators
Dim: 97mm ID x 130mm Mtg. OD x 27mm Lam Stack T
Features:
• 100% New
• For building custom 160 amp hi-output alternators

ALTERNATOR - STATORS (27-)

DELCO

AD230, CS130D Series (cont'd)



27-148-180
Stator
Custom Hi-Output 180 Amp/12 Volt

For: Delco AD230 Series IR/IF Alternators
Dim: 97mm ID x 130mm Mtg. OD x 27mm Lam Stack T
Features:
- 100% New
- For building custom 180 amp hi-output alternators

AD237, AD244 Series



27-144
Stator
130 Amp/12 Volt

For: Delco AD244 Series IR/IF Alternators
Unit Nos: Delco 10480234, 10480270, 10480383, 10480390, 15768830, 15769253
Lester Nos: 8237
Dim: 109mm ID x 144mm Mtg. OD x 28mm Lam Stack T
Note: 2-leads/phase. Used with 28-153 rotor.
27-144 is similar to 27-146 stator, except 27-146 has 31.5mm lam stack thickness.
Features:
- 100% New



27-145
Stator
125 Amp/ 12 Volt

For: Delco AD237 Series IR/IF Alternators
Unit Nos: Delco 10480244, 10480303, 10480327, 10480341, 10480357, 10480368, 10480414, 10480428
Lester Nos: 8235, 8241, 8244, 8277, 8278, 8286
Dim: 106mm ID x 137mm Mtg. OD x 33mm Lam Stack T
Features:
- 100% New



27-146
Stator
130 Amp/12 Volt

For: Delco AD244 Series IR/IF Alternators
Unit Nos: Delco 15062413, 15750871
Lester Nos: 8237, 8290
Dim: 109mm ID x 144mm Mtg. OD x 31.5mm Lam Stack T
Note: 2-leads/phase. Used with 28-157 rotor.
27-146 is similar to 27-144 stator, except 27-144 has 27.5mm lam stack thickness
27-146 is similar to 27-147 except that 27-146 has 2-leads/phase
Features:
- 100% New



27-147
Stator
150 Amp/12 Volt

For: Delco AD244 Series IR/IF Alternators
Unit Nos: Delco 15062413, 15750871
Lester Nos: 8237, 8290
Dim: 109mm ID x 144mm Mtg. OD x 31.5mm Lam Stack T
Note: 4-leads/phase. Used with 28-158 rotor.
Similar to 27-146 except 27-147 has 4-leads/phase
Features:
- 100% New

CS121, CS121D Series



27-122
Stator
74 Amp/12 Volt

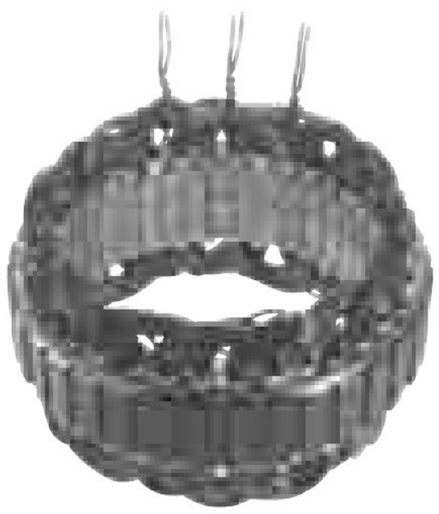
For: Delco CS121 Series 55-74A IR/EF Alternators
Replaces: Delco 10472397, 10495208, 10497320
Dim: 89mm ID x 118mm Mtg. OD
Note: • 100% New
Features:
- 100% New



27-132
Stator
85 Amp/12 Volt

For: Delco CS121 Series 80-85A IR/EF Alternators
Replaces: Delco 10469997, 10476626
Lester Nos: 7819, 7937, 7968, 8128, 8179
Dim: 89mm ID x 118mm Mtg. OD
Features:
- 100% New

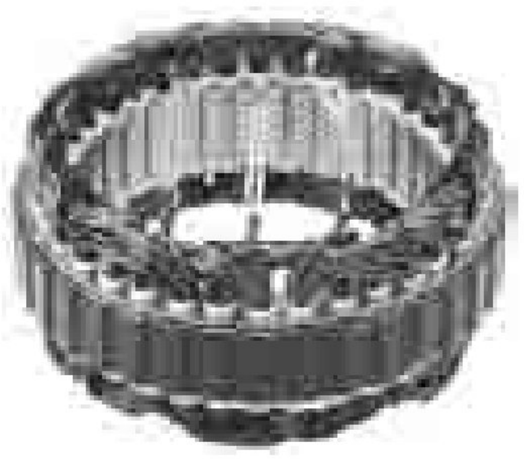
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27-141
Stator
90 Amp/ 12 Volt

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232
Dim: 89mm ID x 118mm Mtg. OD
Features:
- 100% New

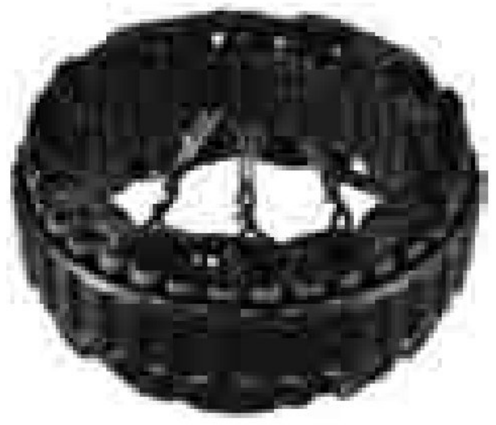
CS130 Series



27-123-2
Stator
85-105 Amp/12 Volt

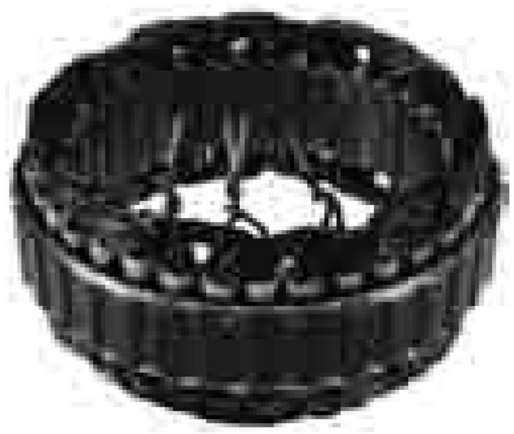
For: Delco CS130 Series 85-105A IR/EF Alternators
(cont'd)

(cont'd)
Replaces: Delco 10471482, 10498145
Dim: 97mm ID x 126mm Mtg. OD
Features:
- 100% New
- Best Value



27-123-140
Stator
Custom Hi-Output 140 Amp/12 Volt

For: Delco CS130 Series IR/EF Alternators
Dim: 97mm ID x 126mm Mtg. OD
Features:
- 100% New
- For building custom 140 amp hi-output alternators



27-123-180
Stator
Custom Hi-Output 180 Amp/12 Volt

For: Delco CS130 Series IR/EF Alternators
Dim: 97mm ID x 126mm Mtg. OD
Features:
- 100% New
- For building custom 180 amp hi-output alternators



27-123-220
Stator
Custom Hi-Output 220 Amp/12 Volt

For: Delco CS130 Series IR/EF Alternators
Dim: 97mm ID x 126mm Mtg. OD
Features:
- 100% New
- For building custom 220 amp hi-output alternators

CS130D Series



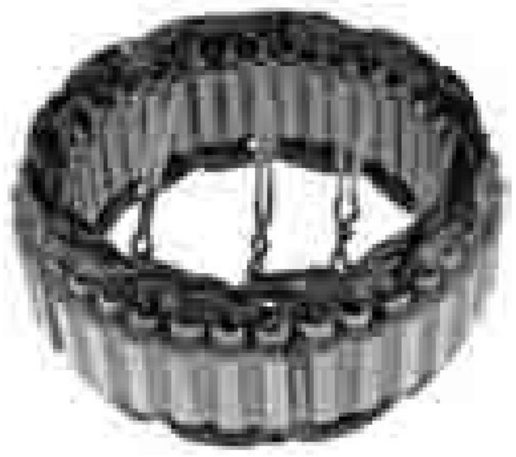
27-137
Stator
105 Amp/12 Volt

For: Delco CS130D Series 105A IR/IF Alternators
Replaces: Delco 10475742
Dim: 97mm ID x 130mm Mtg. OD, 25mmT Lam Stack
Note: 105 amp stators are not interchangeable with 102 amp stators due to different thickness of lam stacks.
For CS130D 102 amp applications use 27-142.
Features:
- 100% New

ALTERNATOR - STATORS (27-)

DELCO

CS130D Series (cont'd)



27-137-140
Stator
Custom Hi-Output 140 Amp/12 Volt
For: Delco CS130D Series IR/IF Alternators
Dim: 97mm ID x 130mm Mtg. OD, 25mmT Lam Stack
Note: 3-Leads, 2-Wires/Lead
Features:
- 100% New
- For building custom 140 amp hi-output alternators



27-137-160
Stator
Custom Hi-Output 160 Amp/12 Volt
For: Delco CS130D Series IR/IF Alternators
Dim: 97mm ID x 130mm Mtg. OD, 25mmT Lam Stack
Features:
- 100% New
- For building custom 160 amp hi-output alternators



27-137-180
Stator
Custom Hi-Output 180 Amp/12 Volt
For: Delco CS130D Series IR/IF Alternators
Dim: 97mm ID x 130mm Mtg. OD, 25mmT Lam Stack
Note: 3-Leads, 4-Wires/Lead
Features:
- 100% New
- For building custom 180 amp hi-output alternators



27-137-220
Stator
Custom Hi-Output 220 Amp/12 Volt
For: Delco CS130D Series IR/IF Alternators
Dim: 97mm ID x 130mm Mtg. OD, 25mmT Lam Stack
Features:
- 100% New
- For building custom 220 amp hi-output alternators

FORD

1G Series 40-65A



27-200
Stator
65 Amp/12 Volt
For: Ford 1G Series 40-65A ER/EF Alternators
Replaces: Ford C5AZ-10336-A, C5SZ-10336-A, C6AZ-10366-B, C9AZ-10336-A, D8ZZ-10336-A, E3FZ-10336-A, E43Z-10336-A, GC-360, GC-374, GC-375
Dim: 92mm ID x 128mm Mtg. OD
Note: 4-Leads
Features:
- 100% New



27-200-140
Stator
Custom Hi-Output 140 Amp/12 Volt
For: Ford 1G Series 40-65A ER/EF Alternators
Dim: 92mm ID x 128mm Mtg. OD
Features:
- 100% New
- For building custom 140 amp hi-output alternators

1G Series 70-100A



27-202
Stator
100 Amp/12 Volt

For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford D2OZ-10336-A, E2HZ-10336-A, E2HZ-10336-B, GC-311, GC-312, GC-371, GC-372
Dim: 114mm ID x 155 Mtg. OD
Features:
- 100% New



27-202-200
Stator
Custom Hi-Output 200 Amp/12 Volt

For: Ford 1G Series 70-100A ER/EF Alternators
Dim: 114mm ID x 155 Mtg. OD
Note: 3-Leads, 4-Wires/Lead
Features:
- 100% New
- For building custom 200 amp hi-output alternators

1G Series Truck 90A



27-205
Stator
90 Amp/12 Volt

For: Ford 1G Series Truck 90A ER/EF Alternators
Replaces: Ford C9HZ-10336-A, D4HZ-10336-A, GC-303, GC-314
Dim: 114mm ID x 154 Mtg. OD

2G Series



27-208
Stator
80 Amp/12 Volt

For: Ford 2G Series 80A IR/EF Alternators
Replaces: Ford E8FZ-10336-A, GC-394
Dim: 102mm ID x 128mm Mtg. OD
Features:
- 100% New

3G Small Frame



27-209-1
Stator
95 Amp/12 Volt

For: Ford 3G Series 75-95A IR/IF Alternators
Dim: 100mm ID x 129mm Mtg. OD
Features:
- 100% New
- Insulated and laminated like OE for consistent quality and performance
- Extra long lead wires, stripped for ease of installation. Trim to desired length



27-209-140
Stator
Custom Hi-Output 140 Amp/12 Volt

For: Ford 3G Series 75-95A IR/IF Alternators
Dim: 100mm ID x 129mm Mtg. OD
Features:
- 100% New
- For building custom 140 amp hi-output alternators

ALTERNATOR - STATORS (27-)

FORD

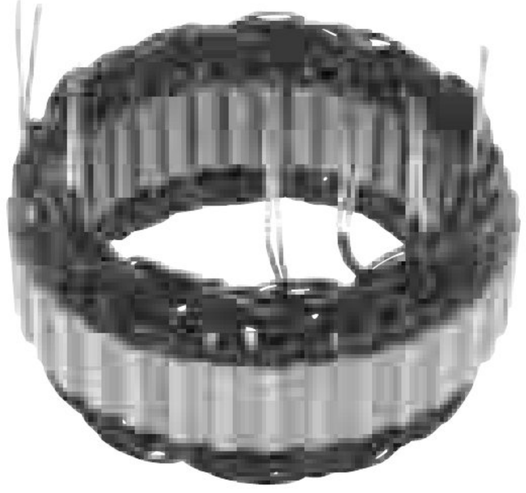
3G Small Frame (cont'd)



27-209-170
Stator
Custom Hi-Output 170 Amp/12 Volt

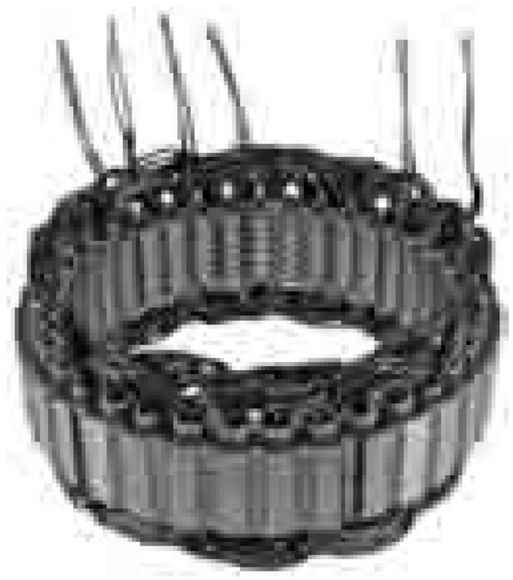
For: Ford 3G Series 75-95A IR/IF Alternators
Dim: 100mm ID x 129mm Mg. OD
Features:
- 100% New
- For building custom 170 amp hi-output alternators

3G Large Frame, 4G Series



27-212-1
Stator
130 Amp/12 Volt

For: Ford 3G, 4G Series 130A IR/IF Alternators
Dim: 112mm ID x 142mm Mtg. OD
Note: 27-212-1 is similar to 27-215 except that 27-215 has slightly longer leads (5mm) for 6G alternator applications.
Features:
- 100% New



27-212-170
Stator
Custom Hi-Output 170 Amp/12 Volt

For: Ford 3G, 4G Series 130A IR/IF Alternators
Dim: 112mm ID x 142mm Mtg. OD
Features:
- 100% New
- For building custom 170 amp hi-output alternators



27-212-240
Stator
Custom Hi-Output 240 Amp/12 Volt

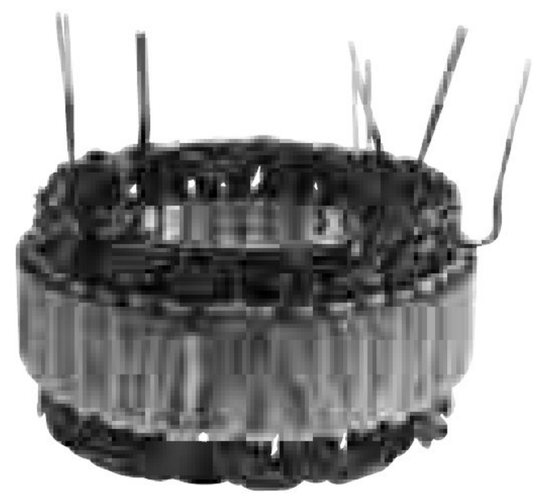
For: Ford 3G, 4G Series 130A IR/IF Alternators
Dim: 112mm ID x 142mm Mtg. OD
Note: 6-Leads, 3-Wires/Lead
Features:
- 100% New
- For building custom 240 amp hi-output alternators

6G Series



27-215
Stator
135 Amp/12 Volt

For: Ford 6G Series 130-135A IR/IF Alternators
Dim: 112mm ID x 142mm Mtg. OD
Note: 27-215 is similar to 27-212-1 except that 27-212-1 has slightly shorter leads (5mm) for 3G, 4G alternator applications.
Features:
- 100% New



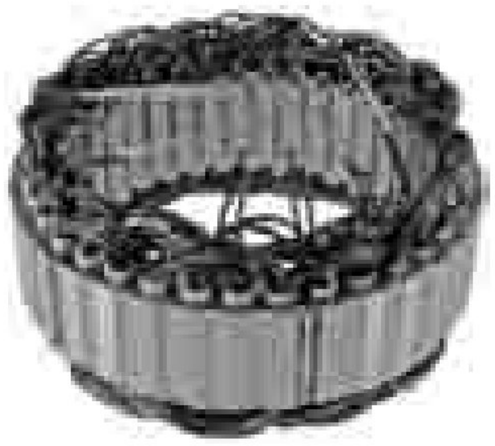
27-216
Stator
110 Amp/12 Volt, 2-Leads/Phase

For: Ford 6G Series 110A IR/IF Alternators
Dim: 100mm ID x 130mm Mtg. OD
Note: Early style w/ 2-leads/phase. For late style w/ 1-lead/phase use 27-217.
Features:
- 100% New



27-216-140
Stator
Custom Hi-Output 140 Amp/12 Volt, 2-Leads/Phase

For: Ford 6G Series 110A IR/IF Alternators
Dim: 100mm ID x 130mm Mtg. OD
Note: Early style w/ 2-leads/phase
Features:
- 100% New
- For building custom 140 amp hi-output alternators



27-216-170
Stator
Custom Hi-Output 170 Amp/12 Volt, 2-Leads/Phase

For: Ford 6G Series 110A IR/IF Alternators
Dim: 100mm ID x 130mm Mtg. OD
Note: Early style w/ 2-leads/phase.
Features:
- 100% New
- For building custom 170 amp hi-output alternators



27-217
Stator
110 Amp/12 Volt, 1-Lead/Phase

For: Ford 6G Series 110A IR/IF Alternators
Dim: 100mm ID x 130mm Mtg. OD
Note: Late style w/ 1-lead/phase. For early style w/ 2-leads/phase use 27-216.
Features:
- 100% New

HITACHI



27-8100
Stator
90 Amp/12 Volt

For: Hitachi 90A/12V IR/IF Alternators
Used On: (1994-85) Infiniti, Nissan
Unit Nos: Hitachi LR190-704, B; LR190-706, LR190-707; LR190-709, B; LR190-711, LR190-714
Lester Nos: 13262, 14661, 14752
WAI Ref. Nos: 1-1122-01HI, 1-1477-01HI, 1-2099-01HI
Dim: 104mm ID x 135mm Mtg. OD
Note: 6-Leads
Features:
- 100% New



27-8101
Stator
60 Amp/12 Volt

For: Hitachi 50-60A IR/IF Alternators
Used On: (1996-90) Honda, Isuzu, Nissan
Unit Nos: Hitachi LR150-711, LR160-723B, LR160-724, LR160-725, LR160-726
Lester Nos: 13287, 13531, 13564, 14859, 14960
WAI Ref. Nos: 1-1118-01HI, 1-1878-01HI, 1-1879-01HI, 1-1880-01HI, 1-1953-01HI
Dim: 93mm ID x 117mm Mtg. OD
Note: 3-Leads
Features:
- 100% New



27-8102
Stator
70 Amp/12 Volt

For: Hitachi 70A IR/IF Alternators
Used On: (1994-91) Nissan
Unit Nos: Hitachi LR170-738, B, C
Lester Nos: 13334
WAI Ref. Nos: 1-1423-01HI
Dim: 93mm ID x 117mm Mtg. OD
Note: 4-Leads
Features:
- 100% New

HITACHI (cont'd)



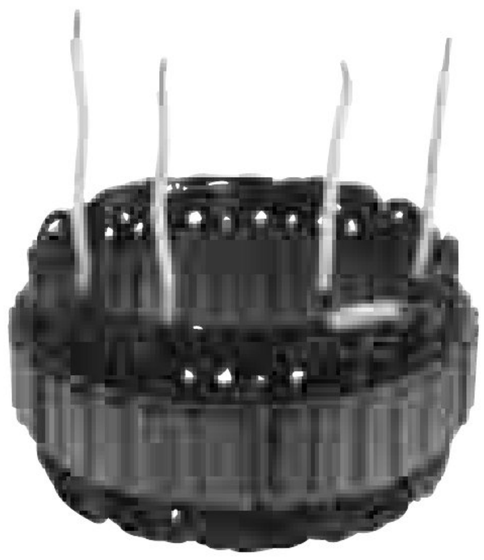
27-8103
Stator
70 Amp/12 Volt

For: Hitachi 60-70A IR/IF Alternators
Used On: (2001-95) Honda, Isuzu, Nissan
Unit Nos: Hitachi LR160-725C, -731; LR170-738E, -748, -748B, -755, -757B; Isuzu 8-97101-816-1, -2; 8-97130-752-0; 8-97130-776-0, -1; Nissan 23100-0E706, -0M003, -3S500
Lester Nos: 13334, 13637, 13744, 13757, 13775, 13778
WAI Ref. Nos: 1-1423-01HI, 1-2001-01HI, 1-2089-02HI, 1-2090-01HI, 1-2180-01HI, 1-2191-01HI,
Dim: 93mm ID x 117mm Mtg. OD
Note: 4-Leads
Features:
• 100% New



27-8104
Stator
60 Amp/12 Volt

For: Hitachi 60A IR/IF Alternators
Used On: (1997-95) Nissan
Unit Nos: Hitachi LR160-727, LR160-730C; Isuzu, 8-97104-101-2; Nissan 23100-0S300
Lester Nos: 13644, 13745
WAI Ref. Nos: 1-2002-01HI, 1-2089-01HI
Dim: 93mm ID x 117mm Mtg. OD
Note: 3-Leads
Features:
• 100% New



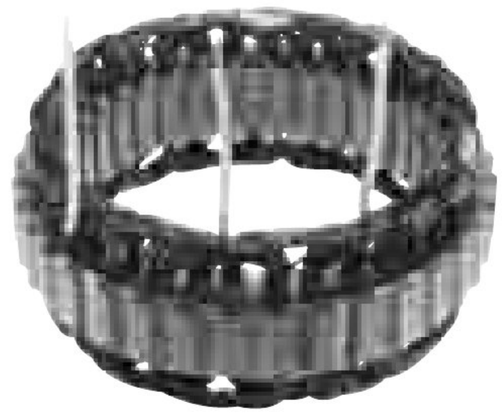
27-8105-1
Stator
65 Amp/12 Volt

For: Hitachi 65A IR/IF Alternators
Used On: (1991-87) Nissan, Subaru
Unit Nos: Hitachi LR165-704B, LR165-707, LR165-707B
Lester Nos: 13250, 14743
WAI Ref. Nos: 1-1128-01HI, 1-1258-01HI
Dim: 93mm ID x 117mm Mtg. OD
Note: 3-Leads
Features:
• 100% New



27-8106
Stator
70 Amp/12 Volt

For: Hitachi 70A IR/EF Alternators
Used On: Hino, Isuzu Truck
Unit Nos: Hitachi LR170-401, LR170-404, B, C; LR170-410; LR170-418B, C
Lester Nos: 14735, 14753
WAI Ref. Nos: 1-1426-01HI, 1-1940-01HI, 1-1940-02HI, 1-2271-01HI
Dim: 104mm ID x 135mm Mtg. OD
Note: 3-Leads
Features:
• 100% New



27-8109
Stator
50 Amp/12 Volt

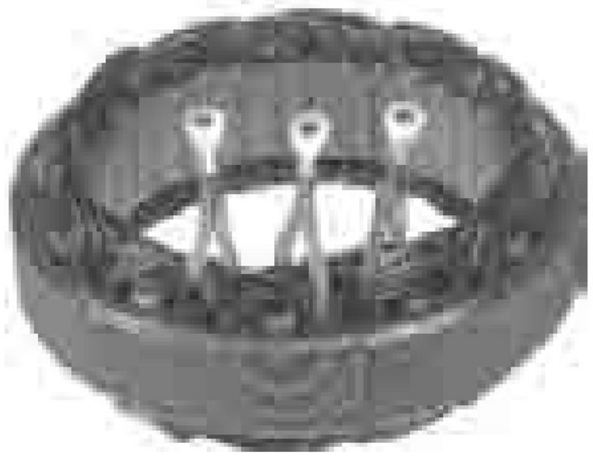
For: Hitachi 50A IR/EF Alternators
Used On: (1989-78) Nissan; White
Unit Nos: Hitachi LR150-98B, -99B, -165, -177, -194B, -197B
Lester Nos: 14255, 14647, 14659
WAI Ref. Nos: 1-1109-01HI, 1-1114-01HI, 1-1567-01HI
Dim: 95mm ID x 124mm Mtg. OD
Features:
• 100% New



27-8110
Stator
80 Amp/12 Volt

For: Hitachi 80A IR/IF Alternators
Used On: (1994-91) Infiniti, Nissan
Unit Nos: Hitachi LR180-725, -725B, -725C, -729, -733, -734B, -736B; Nissan 23100-0P000, -0P501, -1E400, -53F00, -64J00, -64J01, -64J03
Lester Nos: 13273, 13329, 13474, 13534
WAI Ref. Nos: 1-1120-01HI, 1-1425-01HI, 1-1427-01HI, 1-1954-01HI
Dim: 99mm ID x 126mm Mtg. OD
Features:
• 100% New

LEECE-NEVILLE



27-501
Stator
105 Amp/12 Volt

For: Leece-Neville 2600JB, 7600 Series 105A/12V IR/EF Alternators
Replaces: Leece-Neville 77303, 77339, 78989
Unit Nos: Leece-Neville 2300J, 2600J, 7600A, 7600JA, 7601A, 7601JA, 7602A, 7602JA, 7603A, 7604A, 7604JA, 7605A, 7605JA, 7606A, 7606JA, 7607JA
Dim: 122mm ID x 163mm Mtg. OD
Features:
• 100% New



27-502
Stator
130 Amp/12 Volt

For: Leece-Neville 2700JB, 7700 Series 130A/12V IR/EF Alternators
Replaces: Leece-Neville 77792, 100159
Unit Nos: Leece-Neville 2670J, 2700J, 7700JA, 7702JA, 7704JA, 7705JA, 7709JA
Dim: 122mm ID x 163mm Mtg. OD
Features:
• 100% New



27-503
Stator
160 Amp/12 Volt

For: Leece-Neville 2800JB, 7700 Series 160A/12V IR/EF Alternators
Replaces: Leece-Neville 97078
Unit Nos: Leece-Neville 2800J, 5522AA, 7706A, 7706AA, 7706JA, 7710JA, 7711JA
Dim: 122mm ID x 163mm Mtg. OD
Features:
• 100% New

MITSUBISHI



27-8301
Stator
70 Amp/12 Volt

For: Mitsubishi 50-70A IR/IF Alternators
Used On: (1994-84) Dodge, Ford, Mazda, Mitsubishi, Plymouth
Unit Nos: Mitsubishi A2T03471, A2T03792, A2T03972, A2T04474, A2T05893, A2T07577, A2T09392, A2T13571, A2T13571A, A2T17872, A2T43791, A2T43892, A2T44991, A2T47371, A2T47371A, A2T47474, A2T47974, A2T48691, A2T48791
Lester Nos: 13182, 13196, 13197, 13259, 13292, 14427, 14428, 14434, 14435, 14437, 14447, 14693, 14697, 14706, 14709, 14903, 14906, 14910
WAI Ref. Nos: 1-1135-01MI, 1-1141-01MI, 1-1142-01MI, 1-1149-01MI, 1-1173-01MI, 1-1186-01MI, 1-1187-01MI, 1-1191-01MI, 1-1191-02MI, 1-1195-01MI, 1-1198-01MI, 1-2342-01MI
Dim: 100mm ID x 125mm Mtg. OD
Note: 4-Leads
Features:
• 100% New



27-8306
Stator
75 Amp/12 Volt

For: Mitsubishi 75A IR/IF Alternators
Used On: (1990-88) Ford, Mercury
Unit Nos: Mitsubishi A3T01496, A3T01596, A3T01598
Lester Nos: 13188, 13189, 13190
WAI Ref. Nos: 1-1180-01MI, 1-1180-02MI, 1-1182-01MI
Dim: 106mm ID x 136mm Mtg. OD
Features:
• 100% New



27-8307
Stator
90 Amp/12 Volt

For: Mitsubishi 85-90A ER/IF, IR/IF Alternators
Used On: (2002-93) Chrysler, Dodge, Eagle, Honda, Mitsubishi, Plymouth, Subaru
Unit Nos: Mitsubishi A2T39091, A2T80591*, A2T81192*, A2T81292, A2T81391*, A2T82791*, A2TA2191*, A2TA3791, A2TA5391*, A2TA5394*, A2TA7491*
Lester Nos: 13479, 13575, 13580, 13585, 13616, 13648, 13787
WAI Ref. Nos: 1-1874-01MI, 1-1891-01MI, 1-1928-01MI, 1-1959-01MI, 1-2095-01MI, 1-2101-01MI, 1-2204-01MI, 1-2204-02MI
Dim: 100mm ID x 126mm Mtg. OD
Note: *27-8307 stator w/ 4-leads will replace OE stator w/ 3-leads
Features:
• 100% New

MITSUBISHI (cont'd)



27-8309
Stator
110 Amp/12 Volt

For: Mitsubishi 110A IR/IF Alternators
Used On: (1998-95) Mercury, Nissan
Unit Nos: Ford F6XA-10300-AA, -AB; F6XZ-10346-AA, F8XA-10300-AA, F8XZ-10346-AA; Mitsubishi A3TA1091; Nissan 23100-1B00
Lester Nos: 13473
WAI Ref. Nos: 1-1601-01MI
Dim: 106mm ID x 133mm Mtg. OD
Note: 4-Leads
Features:
• 100% New



27-8311
Stator
85 Amp/12 Volt

For: Mitsubishi 85A ER/IF Alternators
Used On: (1999-98) Dodge, Plymouth
Unit Nos: Chrysler 4793692, AB; Mitsubishi A2TB1491, ZC
Lester Nos: 13735
WAI Ref. Nos: 1-2107-01MI
Dim: 100mm ID x 126mm Mtg. OD
Note: 3-Leads
Features:
• 100% New



27-8313
Stator
70 Amp/12 Volt

For: Mitsubishi 70A IR/IF Alternators
Used On: (1995-92) Honda
Replaces: Ref# 1-1620-4
Unit Nos: Mitsubishi A5T04292, A5T06491
Lester Nos: 13608
WAI Ref. Nos: 1-1831-01MI,
Dim: 95mm ID x 119mm Mtg. OD x 20mm T
Note: 4-Leads
Features:
• 100% New

NIPPONDENSO



27-8201
Stator
60-80 Amp/12 Volt

For: Nippondenso 60-80A IR/IF Alternators
Used On: (1999-83) Acura, Geo, Honda, Isuzu, Sterling, Toyota
Lester Nos: 13229, 234, 240, 241, 277, 294, 319, 322, 326, 338, 339, 391, 392, 398, 409, 411, 455, 456, 482, 486, 492, 496, 499, 500, 509, 521, 536, 569, 659, 670, 671, 673; 14453, 454, 455, 457, 458, 591, 611, 643, 668, 671, 678, 679, 680, 682, 683, 756, 847, 849, 855, 931, 941, 974
Dim: 90mm ID x 118mm Mtg. OD
Features:
• 100% New



27-8201-120
Stator
Custom Hi-Output 120 Amp/12 Volt

For: Nippondenso IR/IF Alternators
Dim: 90mm ID x 118mm Mtg. OD
Features:
• 100% New
• For building custom 120 amp hi-output alternators



27-8201-140
Stator
Custom Hi-Output 140 Amp/12 Volt

For: Nippondenso IR/IF Alternators
Dim: 90mm ID x 118mm Mtg. OD
Features:
• 100% New
• For building custom 140 amp hi-output alternators



27-8203
Stator
55-60 Amp/12 Volt

For: Nippondenso 55-60A IR/IF Alternators
Used On: (1992-84) Acura, Chevrolet, Geo, Honda, Isuzu, Toyota
Unit Nos: Nippondenso 100211-120, -121, -123, -126, -127, -131, -132, -133, -134, -135, -136, -137, -138, -221, -222, -223, -225, -228, -233, -237, -238, -273, -350, -351, -352, -353, -354, -359, -361, -363, -366, -369, -372, -382, -389, -396, -397; 100213-045
(cont'd)

(cont'd)
Lester Nos: 13240, 508; 14449, 454, 472, 671, 674, 732, 739, 755, 757, 759, 847, 851, 852, 853, 854, 872, 930, 935, 989
WAI Ref. Nos: 1-1000-01ND, 1-1001-01ND, 1-1015-01ND, 1-1017-01ND, 1-1019-01ND, 1-1037-01ND, 1-1050-01ND, 1-1050-02ND, 1-1053-01ND, 1-1084-01ND, 1-1088-01ND, 1-1237-01ND, 1-1240-01ND, 1-1967-01ND
Dim: 83mm ID x 110mm Mtg. OD
Features:
• 100% New

27-8203-2
Stator
55-60 Amp/12 Volt

Same as 27-8203 except...
Features:
• 100% New
• Bulk packaged, 10/case



27-8204
Stator
70-90 Amp/12 Volt

For: Nippondenso 70-90A ER/IF, IR/IF Alternators
Used On: (2002-85) Acura, Chevrolet, Chrysler, Dodge, Eagle, Geo, Honda, Isuzu, Jeep, Lexus, Plymouth, Toyota
Lester Nos: 13184, 185, 220, 234, 245, 252, 256, 276, 278, 305, 306, 307, 312, 319, 321, 323, 325, 331, 341, 353, 354, 393, 394, 396, 407, 413, 424, 440, 442, 443, 444, 454, 457, 481, 487, 495, 497, 498, 501, 506, 507, 512, 529, 537, 538, 539, 540, 545, 546, 551, 552, 556, 557, 558, 578, 593, 669, 674, 677, 732, 743, 747, 748, 754, 755, 756, 767, 768, 794, 822, 823; 14869
Dim: 92mm ID x 118mm Mtg. OD
Features:
• 100% New



27-8205
Stator
90-140 Amp/12 Volt

For: Nippondenso 110-140A ER/IF; 90-130A IR/IF Alternators
Used On: (2005-88) Acura, Chrysler, Dodge, Honda, Jaguar, Jeep, Lexus, Plymouth, Toyota
Unit Nos: Nippondenso 100211-606, -611, -615, -617, -619, -630, -631, -635, -636, -639, -641, -644, -645; 101211-701, -702, -706, -712, -716, -717, -718, -722, -723, -727, -730, -752, -757, -775, -780, -785, -786; 102211-059, -065; 121000-292, -400, -401, -403, -404, -405, -406, -407, -408, -409, -410, -412, -413, -415, -416, -417, -421, -423, -425, -426, -427, -428, -429, -433, -435, -437, -4482, -453, -454, -458
Lester Nos: 13280, 301, 302, 304, 308, 309, 310, 311, 313, 384, 385, 386, 387, 388, 389, 410, 453, 502, 524, 525, 547, 553, 592, 594, 668, 675, 685, 690, 706, 714, 715, 738, 741, 742, 746, 763, 765, 766, 769, 790, 791, 806, 824, 842, 844, 856
Dim: 102mm ID x 130mm Mtg. OD
Features:
• 100% New

27-8205-1
Stator
90-140 Amp/12 Volt

Same as 27-8205 except...
Features:
• 100% New
• Best Value



27-8205-160
Stator
Custom Hi-Output 160 Amp/12 Volt

For: Nippondenso ER/IF, IR/IF Alternators
Dim: 102mm ID x 130mm Mtg. OD
(cont'd.)

Note: 4-Leads, 2-Wires/Lead
Features:
• 100% New
• For building custom 160 amp hi-output alternators

PRESTOLITE



27-600
Stator
22 Amp/24 Volt

For: Prestolite ANB Series 22A/24V Alternators
Used On: Case, Caterpillar
Unit Nos: Prestolite ANB-6004
Dim: 89mm ID x 127mm Mtg. OD



27-600-1
Stator & Rectifier Assy.
22 Amp/24 Volt

Same as 27-600 except...
Note: Stator w/late style rectifier & trio assy

BATTERY ISOLATOR & GENERATOR PARTS



BATTERY ISOLATOR



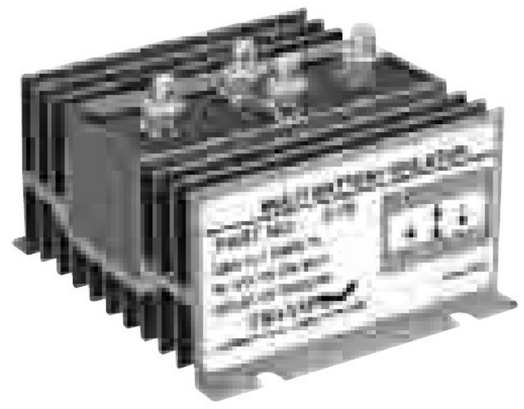
2-75
Battery Isolator
Neg. Grd., 2-Batteries, 1-Alternator
75 Amp Max. Alternator Output

For: Dual Battery Systems w/ 75A Max. Charging Systems (except Delco CS Series)
Dim:
4.5" L x 4.55" W x 2.52" H
114mm L x 116mm W x 64mm H
1/4-28 Terminals
Features:
- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections



2-75A
Battery Isolator
Neg. Grd., 2-Batteries, 1-Alternator
75 Amp Max. Alternator Output

For: Dual Battery Systems w/ 75A Max. Charging Systems w/ Delco CS Series Alternators
Dim:
4.5" L x 4.55" W x 2.52" H
114mm L x 116mm W x 64mm H
1/4-28 Terminals
Features:
- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections
- Can be wired for sense
- E-terminal for excitation function to voltage regulator



3-75
Battery Isolator
Neg. Grd., 3-Batteries, 1-Alternator
75 Amp Max. Alternator Output

For: Three Battery Systems w/ 75A Max. Charging Systems
Used On: Marine, RV Applications
Dim:
4.5" L x 4.55" W x 2.52" H
114mm L x 116mm W x 64mm H
1/4-28 Terminals
Features:
- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections



2-100
Battery Isolator
Neg. Grd., 2-Batteries, 1-Alternator
100 Amp Max. Alternator Output

For: Dual Battery Systems w/ 100A Max. Charging Systems (except Delco CS Series)
Dim:
4.5" L x 4.55" W x 2.52" H
114mm L x 116mm W x 64mm H
1/4-28 Terminals
Features:
- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections



2-100A
Battery Isolator
Neg. Grd., 2-Batteries, 1-Alternator
100 Amp Max. Alternator Output

For: Dual Battery Systems w/ 100A Max. Charging Systems w/ Delco CS Series Alternators
Dim:
4.5" L x 4.55" W x 2.52" H
114mm L x 116mm W x 64mm H
1/4-28 Terminals
Features:
- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections
- Can be wired for sense
- E-terminal for excitation function to voltage regulator



2-130
Battery Isolator
Neg. Grd., 2-Batteries, 1-Alternator
130 Amp Max. Alternator Output

For: Dual Battery Systems w/ 130A Max. Charging Systems (except Delco CS Series)
Dim:
6.5" L x 4.55" W x 2.52" H
165mm L x 116mm W x 64mm H
5/16-18 Terminals
Features:
- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections

BATTERY ISOLATORS & VOLTAGE REDUCERS (TRANSPO)

BATTERY ISOLATOR (con t'd)



2-130A
Battery Isolator
Neg. Grd., 2-Batteries, 1-Alternator
130 Amp Max. Alternator Output

For: Dual Battery Systems w/ 130A Max. Charging Systems w/ Delco CS Series Alternators
Dim:
6.5" L x 4.55" W x 2.52" H
165mm L x 116mm W x 64mm H
5/16-18 Terminals
Features:
- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections
- Can be wired for sense
- E-terminal for excitation function to voltage regulator



3-130
Battery Isolator
Neg. Grd., 3-Batteries, 1-Alternator
130 Amp Max. Alternator Output

For: Three Battery Systems w/ 130A Max. Charging Systems
Used On: Marine, RV Applications
Dim:
6.5" L x 4.55" W x 2.52" H
165mm L x 116mm W x 64mm H
5/16-18 Terminals
Features:
- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections



2-165
Battery Isolator
Neg. Grd., 2-Batteries, 1-Alternator
165 Amp Max. Alternator Output

For: Dual Battery Systems w/ 165A Max. Charging Systems
Used On: Heavy Duty Truck Applications
Dim:
9.0" L x 4.55" W x 2.52" H
229mm L x 116mm W x 64mm H
5/16-18 Terminals
Features:
- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections



3-165
Battery Isolator
Neg. Grd., 3-Batteries, 1-Alternator
165 Amp Max. Alternator Output

For: Three Battery Systems w/ 165A Max. Charging Systems
Used On: Heavy Duty Truck Applications
Dim:
9.0" L x 4.55" W x 2.52" H
229mm L x 116mm W x 64mm H
5/16-18 Terminals
Features:
- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections



2-200
Battery Isolator
Neg. Grd., 2-Batteries, 1-Alternator
200 Amp Max. Alternator Output

For: Dual Battery Systems w/ 200A Max. Charging Systems
Used On: Heavy Duty Truck Applications
Dim:
12.5" L x 4.55" W x 2.52" H
318mm L x 116mm W x 64mm H
5/16-18 Terminals
Features:
- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections



2-240
Battery Isolator
Neg. Grd., 2-Batteries, 1-Alternator
240 Amp Max. Alternator Output

For: Dual Battery Systems w/ 240A Max. Charging Systems
Used On: EMV, Industrial, Marine Applications
Dim:
12.5" L x 4.55" W x 2.52" H
318mm L x 116mm W x 64mm H
3/8-16 Terminals
Features:
- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections

VOLTAGE REDUCER



VR24-1202
Voltage Reducer, 28 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.
Dim:
5.0" L x 3.8" W x 1.0" H
127mm L x 97mm W x 25mm H
Features:
- Single circuit 28 watts
- 13.8 volt set point
- 2.0 amp peak
- 2.0 amp continuous



VR24-1202F
Voltage Reducer, 28 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.
Dim:
5.0" L x 3.8" W x 1.0" H
127mm L x 97mm W x 25mm H
Note: Includes wire harness with fuse holder
Features:
- Single circuit 28 watts
- 13.8 volt set point
- 2.0 amp peak
- 2.0 amp continuous



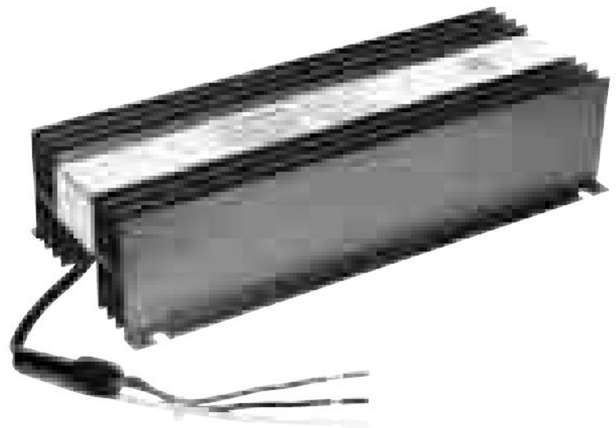
VR24-1204
Voltage Reducer, 52 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.
Dim:
5.1" L x 4.7" W x 2.6" H
130mm L x 121mm W x 67mm H
Features:
- Single circuit 52 watts
- 13.8 volt set point
- 6.5 amp peak
- 4.3 amp continuous



VR24-1208
Voltage Reducer, 96 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.
Dim:
6.1" L x 4.7" W x 2.6" H
155mm L x 121mm W x 67mm H
Features:
- Single circuit 96 watts
- 13.8 volt set point
- 11.0 amp peak
- 8.0 amp continuous



VR24-1212
Voltage Reducer, 144 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.
Dim:
8.7" L x 4.7" W x 2.6 H
220mm L x 121mm W x 67mm H
Features:
- Single circuit 144 watts
- 13.8 volt set point
- 16.0 amp peak
- 12.0 amp continuous



VR24-1216
Voltage Reducer, 192 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.
Dim:
11.4" L x 4.7" W x 2.6" H
290mm L x 121mm W x 67mm H
Features:
- Single circuit 192 watts
- 13.8 volt set point
- 20.0 amp peak
- 16.0 amp continuous

VOLTAGE REDUCER (cont'd)



VR24-1220
Voltage Reducer, 240 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.

Dim:
14.2" L x 4.7" W x 2.6" H
360mm L x 121mm W x 67mm H

Features:
- Single circuit 240 watts
- 13.8 volt set point
- 26.0 amp peak
- 20.0 amp continuous



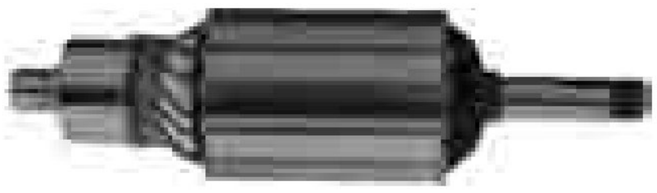
VR24-1224
Voltage Reducer, 288 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.

Dim:
19.2" L x 4.7" W x 2.6" H
488mm L x 121mm W x 67mm H

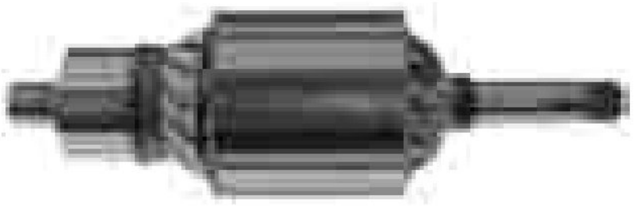
Features:
- Single circuit 288 watts
- 13.8 volt set point
- 30.0 amp peak
- 24.0 amp continuous

ARMATURES



81-1101
Armature
12 Volt

For: Delco Generators
Used On: Allis-Chalmers, Case, Hyster, IHC, Mack, White
Replaces: Delco 1925210, 1928003, 1940161; Ref# 314, 4040-314
Unit Nos: Delco 1102006, 1102007, 1102034, 1102059, 1102120, 1102128, 1102210, 1102216, 1102222, 1102268, 1102329, 1102340, 1105109, 1105116, 1105145, 1105947
Lester Nos: 9007, 9071, 9085, 9215, 9451, 9928, 10298
Dim: 255mm OAL
17mm Shaft OD, Front Bushing,
17mm Shaft OE, Rear Bushing
.669-20 Threads
Features:
• 100% New



81-1102
Armature
12 Volt

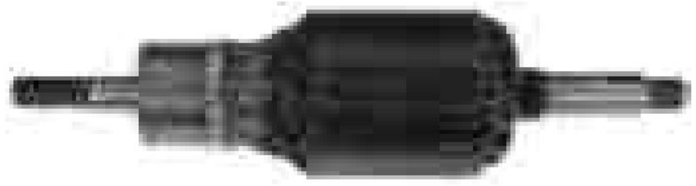
For: Delco Generators
Used On: IHC
Replaces: Delco 1923923, 1949179, 1949917; Ref# 717, 4040-717
Unit Nos: Delco 1100387, 1100390, 1100398, 1100413
Lester Nos: 9073, 9074, 9913
Dim: 231mm OAL
17mm Shaft OD, Front Bearing
17mm Shaft OE, Rear Bearing
.669-20 Threads
Features:
• 100% New



81-1104
Armature
24 Volt

For: Delco Generators
Used On: John Deere AG Tractors
Replaces: Delco 1949922; Ref# 221, 4040-221
Unit Nos: Delco 1103026, John Deere AR11302, AR34567, TY1447
(cont'd)

(cont'd)
Lester Nos: 9422
Dim: 231mm OAL
17mm Shaft OD, Front Bearing
17mm Shaft OE, Rear Bearing
.669-20 Threads
Features:
• 100% New



81-92101
Armature
12 Volt

For: Lucas C40T Series, Tach Drive Generators
Used On: Case Tractor, Ford Tractor
Replaces: Ford C5NF-10027-B; Lucas UWB106; Ref# 1674, 4080-1674
Unit Nos: Lucas 22756, 22758
Lester Nos: 15027
WAI Ref. Nos: 3-1005-01LU
Features:
• 100% New

BRUSHES

Bosch



81-91202
Brush
12 Volt

For: Bosch Generators
Used On: Renault, VW
Replaces: Bosch 1-104-320-002, 1-104-320-010; 1-107-014-128, 1-107-014-139 (set#); Ref# B-91
Unit Nos: Bosch 0-101-302-031, -043, -052, -054, -090, -103, -106
Lester Nos: 15269, 15273, 15274
WAI Ref. Nos: 3-1002-01BO
Dim: 5.5mm T x 22mm W x 25mm L x 25mm LL

Delco



81-1200
Brush

For: Delco Generators
Used On: Caterpillar
Replaces: Caterpillar 3H4180; Delco 809637, 1880225, 1880998, 1964716, D709, D713; Ref# R-31
Dim: 6.5mm T x 18.5mm W x 18mm L
Note: 3-required



81-1201
Brush

For: Delco Generators
Used On: Caterpillar
Replaces: Caterpillar 5M7395, 9B8964; Delco 1850761, 1857963, 1860344, 1866148, 1906940, 1906984, D711, D717, D721; Ref# R-43
Dim: 6.5mm T x 22mm W x 20mm L x 41mm LL
Note: 2-required



81-1203
Brush

For: Delco Generators
Replaces: Delco 1906973, 1946437; Ref# R-47M
Dim: 8mm T x 20.5mm W x 22mm L x 41mm LL
Note: 2-required

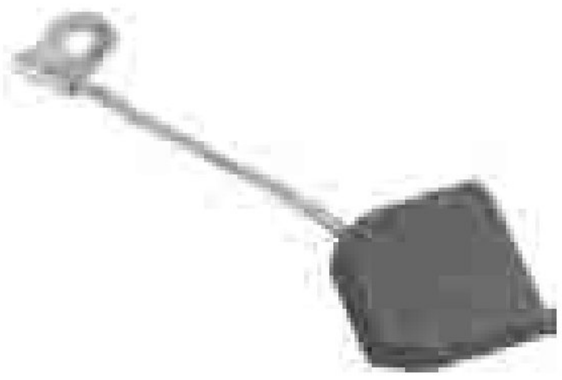
GENERATOR - COMPONENTS

BRUSHES

Delco (cont'd)



81-1204
Brush
For: Delco Generators
Used On: Caterpillar
Replaces: Caterpillar 4L0565, 4M8421, 7F9814; Delco 1878249, 1906917, 1923295, 1932506, D700, D704, D705; Ref# R-51
Dim: 6.5mm T x 22mm W x 23.5mm L x 48mm LL
Note: 2-required



81-1206
Brush
For: Delco Generators
Replaces: Delco 1906946; Ref# R-58
Dim: 6.5mm T x 22mm W x 23.5mm L x 44mm LL
Note: 2-required



81-1209
Brush
For: Delco Generators
Used On: Caterpillar
Replaces: Caterpillar 5M3102, Delco 1946404; Ref# R-109
Dim: 8mm T x 22mm W x 46.5mm L x 46mm LL
Note: 2-required



81-1210
Brush
For: Delco Generators
Replaces: Delco 1946427; Ref# R-110
Dim: 8mm T x 22mm W x 21mm L x 43mm LL
Note: 2-required

Ford



81-2200
Brush
For: Ford Generators
Replaces: Ford 18-10069, 40-10069; Ref# F-9
Dim: 7mm T x 19mm W x 20.5mm L



81-2201
Brush
For: Ford Generators
Replaces: Ford 01A-10069, B6A-10043-B; Ref# F-14
Dim: 7.5mm T x 25.5mm W x 22.5mm L x 25mm LL
Note: 2-required



81-2202
Brush
For: Ford Generators
Replaces: Ford C1AF-10069-A, C1VF-10069-A; Ref# F-33
Dim: 7.5mm T x 23.5mm W x 22mm L x 23mm LL
Note: 2-required

Lucas



81-92200
Brush
12 Volt
For: Lucas C40T Series, Tach Drive Generators
Used On: Ford Tractor, Triumph
Replaces: Lucas 54214342, 54218452, 54216361, USB106 (set#); Ref# F-41
Unit Nos: Lucas 22756, 22758, 22764
Lester Nos: 15027, 15031
WAI Ref. Nos: 3-1005-01LU
Dim: 5.5mm T x 17mm W x 23mm L x 53mm LL



81-92204
Brush
12 Volt
For: Lucas C40 Series Generators
Used On: Alfa Romeo, Austin, Ford, Lotus, MG, Triumph
Replaces: Lucas 229252; 227541, 54213117, USB104 (set#); Ref# FA-28
(cont'd)

(cont'd)
Unit Nos: Lucas 22700, 22703, 22713, 22715, 22742, 22747, 22757, 22763, 22767, 22779
WAI Ref. Nos: 3-1003-01LU, 3-1004-01LU
Dim: 5.5mm T x 19mm W x 18.5mm L x 41mm LL

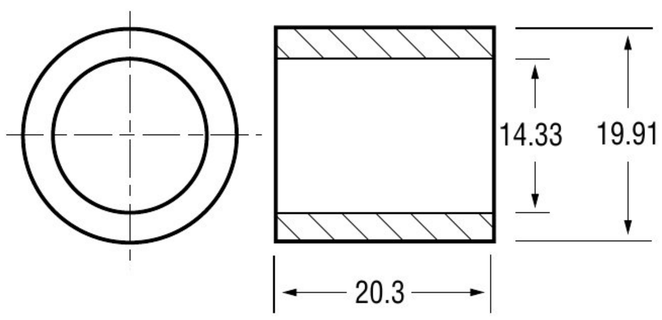
Prestolite



81-6204
Brush

For: Autolite/Prestolite GGW Series Generators
Replaces: Chrysler 1253354; Prestolite GGU-1012A, GGW-1012; Prestolite 11-27, 11-28, 11-67, GGU-2012S, GHJ-1012 (set#); Ref# E-57
Dim: 6.5mm T x 22.5mm W x 22.5mm L x 46mm LL
Note: 2-required

BUSHINGS

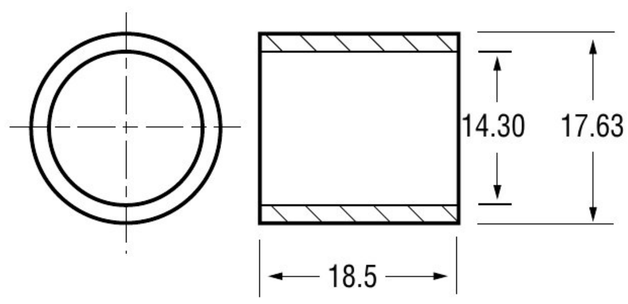


81-1300
Bushing - C.E., D.E.

For: Delco Generators
Replaces: Delco 812823, 1850786, 1927446, D1634; Ref# 4242
Unit Nos: Delco 1108551, 1109910, 1114604
Dim:
14.33mm ID x 19.91mm OD x 20.3mm L
.5640" ID x .7840" OD x .798" L

81-1300-2
Bushing - C.E., D.E.
.0050" (2X) Undersize

Same as 81-1300 except...
Dim:
14.20mm ID x 19.91mm OD x 20.3mm L
.5590" ID x .7840" OD x .798" L



81-6300
Bushing - C.E.

For: Prestolite Generators
Replaces: Prestolite 24-83, GGU-38, GGU-38A
Dim:
14.30mm ID x 17.63mm OD x 18.5mm L
.5630" ID x .6940" OD x .727" L

END FRAMES



81-1402
C.E. Frame

For: Delco Automotive Generators
Replaces: Delco 1939857, 1946720, 1946928, 1948894, 1949248, 1953880, 1955805, D3330
Unit Nos: Delco 1102164, 1102219, 1102222 & others
Dim: Mtg. Hole Size: 5/16"
Note: Used w/ 6203 bearing



81-92400
D.E. Frame

For: Lucas C40T Series, Tach Drive Generators
Used On: Case Tractor, Ford Tractor
Replaces: Ford C5NF-10138-C, Lucas 54216225
Unit Nos: Lucas 22756, 22758
Lester Nos: 15027
WAI Ref. Nos: 3-1005-01LU
Dim:
Mtg. Ear Hole Size: 5/16 x 18
Mtg. Foot Hole Size: 5/16"
Note: Used w/ 6302 bearing



81-92401
C.E. Frame

For: Lucas C40T Series, Tach Drive Generators
Used On: Case Tractor, Ford Tractor
Replaces: Ford C5NF-10050-B, Lucas 54216363
Unit Nos: Lucas 22756, 22758
Lester Nos: 15027
WAI Ref. Nos: 3-1005-01LU
Dim: Mtg. Hole Size: 5/16"
Note: Used w/ R8 bearing

FIELD COILS



81-1502
Field Coil
12 Volt, 35 Amp

For: Delco 12V Generators
Replaces: Delco 1923625; Ref# 3A-4409
Unit Nos: Delco 1100309
Dim: 48mm HT x 52mm W
Features:
- Mfd. in Canada

GENERATOR - COMPONENTS

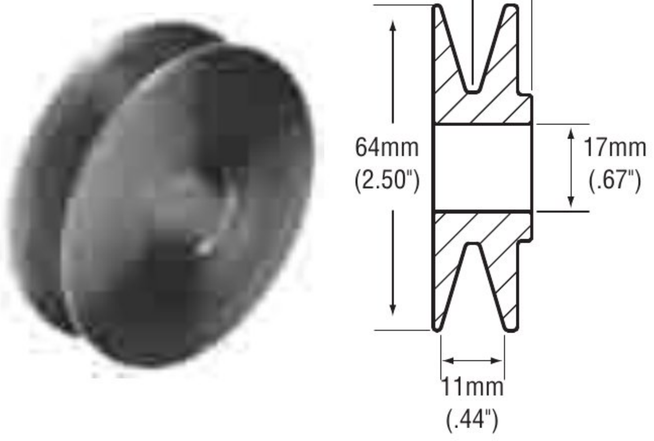
FIELD COILS (cont'd)



81-92500
Field Coil
12 Volt

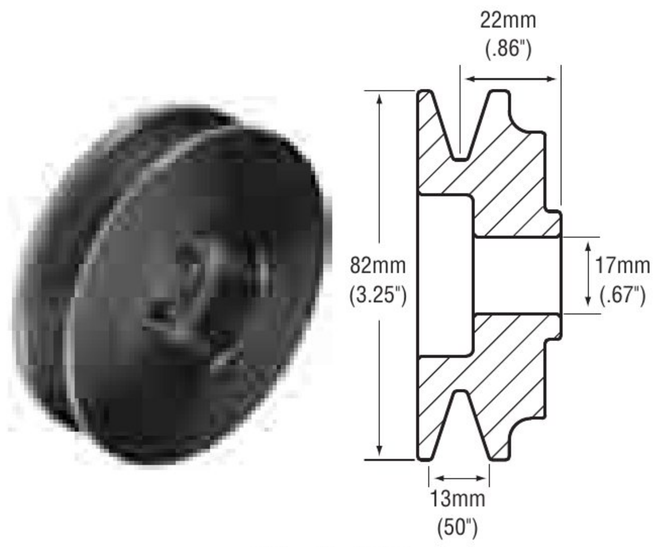
For: Lucas C40T Series, Tach Drive Generators
Used On: Case Tractor, Ford Tractor
Replaces: Ford C5NF-10175-A; Lucas 54219374, UVB102; Ref# 3H-4402
Unit Nos: Lucas 22756, 22758
Lester Nos: 15027
WAI Ref. Nos: 3-1005-01LU

PULLEYS & FANS



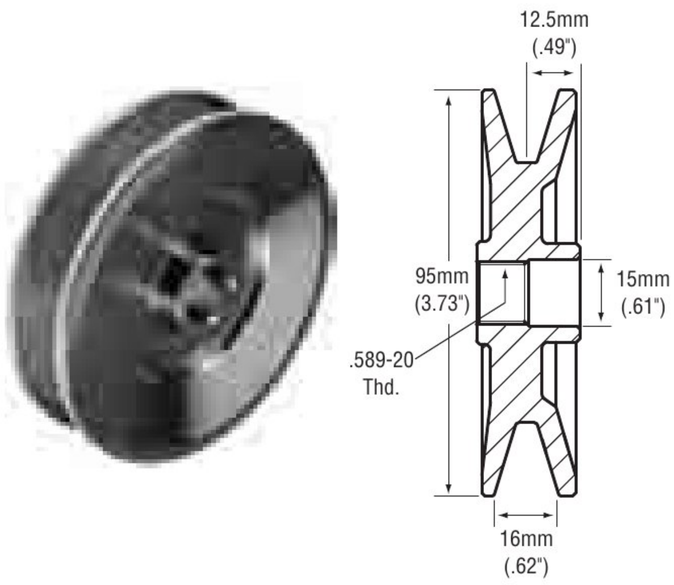
24-1111
Pulley - 1-Groove

For: Converting Delco & Ford Generators to Delco 10DN, 27SI/100 Series or Ford 40-65A Alternators
Dim: 11mm Belt x 64mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel



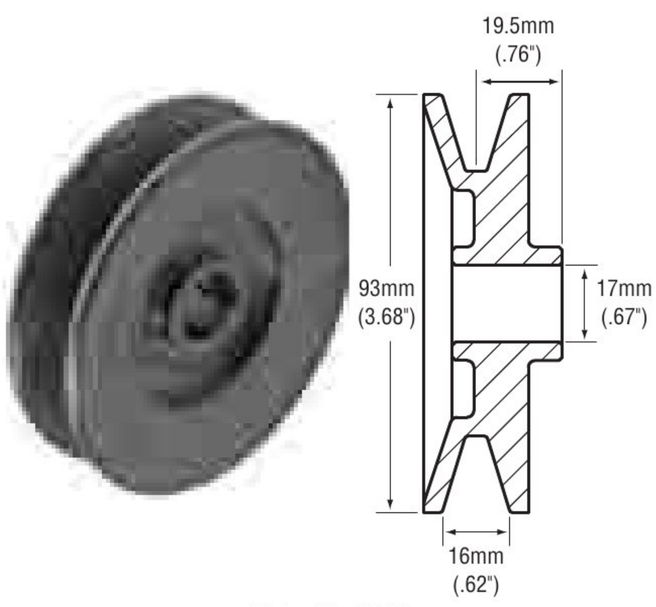
81-1700
Pulley - 1-Groove

For: Delco 12-24V Generators
Used On: Caterpillar, John Deere Tractors
Replaces: Caterpillar 86387; Delco 1949916; John Deere R11189
Unit Nos: Delco 1100380, 1103026
Lester Nos: 9074, 9422
Dim: 13mm Belt x 82mm OD x 17mm Bore w/ Keyway



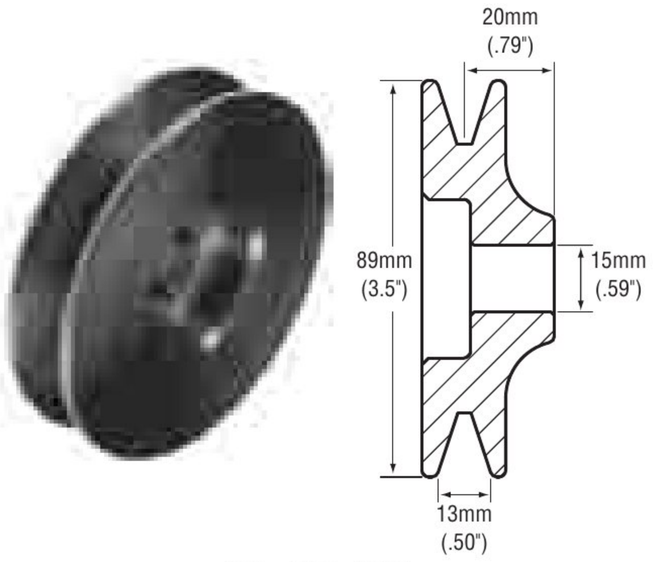
81-2701
Pulley - 1-Groove

For: Ford Generators
Used On: Ford Tractors
Replaces: Ford 9N-10130-B
Dim: 16mm Belt x 95mm OD x 15mm Bore w/ .589-20 Threads



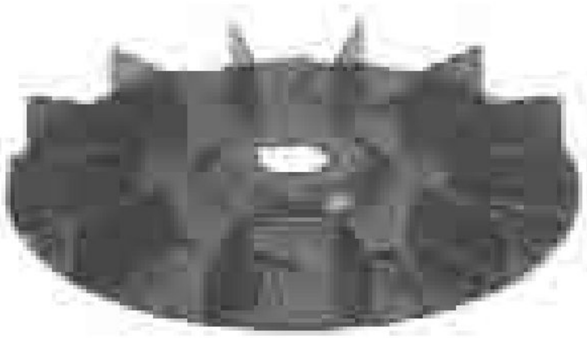
81-2702
Pulley - 1-Groove

For: Ford Generators
Used On: Ford Tractors
Replaces: Ford 8N-10130
Dim: 16mm Belt x 93mm OD x 17mm Bore w/ Keyway



81-92700
Pulley - 1-Groove

For: Lucas C40T Series, Tach Drive Generators
Used On: Case Tractor, Ford Tractor
Replaces: Lucas 54214805
Unit Nos: Lucas 22756, 22758
Lester Nos: 15027
WAI Ref. Nos: 3-1005-01LU
Dim: 13mm Belt x 89mm OD x 15mm Bore w/ Keyway

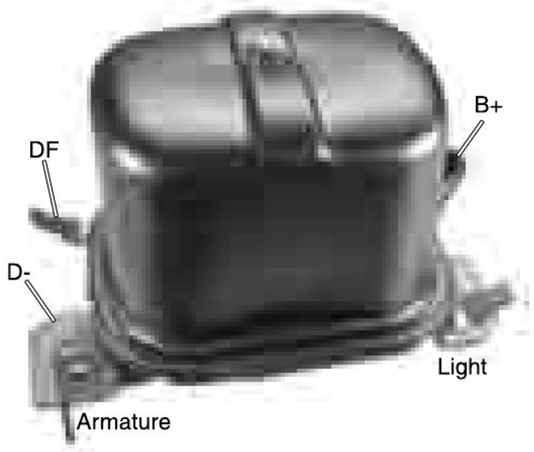


81-92775
Fan

For: Lucas C40T Series, Tach Drive Generators
Used On: Case Tractor, Ford Tractor
Replaces: Lucas 54214561
Unit Nos: Lucas 22756, 22758
Lester Nos: 15027
WAI Ref. Nos: 3-1005-01LU
Dim: 15mm ID x 127mm OD w/ Keyway

REGULATORS

Bosch



81-91900
(Ref# IB390)
Regulator
12 Volt, A-Circuit

For: Bosch Generators
Used On: (1975-67) VW; Mercedes Truck
Replaces: Bosch 0-190-350-006, -007, -013, -014, -021, -023, -026, -028, -033, -038, -039, -048, -049, -050, -052, -054, -055, -059, -060, -061, -062, -068, -069, -079, -080, -083, -084;
Porsche 616-603-211-00, 616-603-212-00;
VW-Audi 113-903-803E; 211-903-803, -803B

IB390
(Ref# 81-91900)
Regulator
12 Volt, A-Circuit, 14.5 Vset

Same as 81-91900 except...

Delco



81-1900
(Ref# D2121, D13921)
Regulator
12 Volt/27-31 Amp, Dual Polarity, 14.1 Vset, Three-Unit Type, A-Circuit, 3-Terminal

For: Delco Generators
Used On: (1969-53) Cars, Industrial, Truck Applications
(cont'd)

(cont'd)
Replaces: Chrysler 3145335, 3146142, 3150427, 3203657, 3203659;
Delco 923129, 923190, 1118749, 1118750, 1118825, 1118826, 1118839, 1118945, 1118967, 1119000, 1119001, 1119002, 1119003, 1119122, 1119123, 1119162, 1119174, 1119205, 1119234, 1119235, 1119239, 1119242, 1119244, 1119253, 1119260, 1945172, D611, D617, D618, D620, D622, D626, D628, D662;
Prestolite 8-221, 8-222, 8-226, 8-268, 8-276, GRG-266, GRG-268, GRX-221, GRX-222, VBO-4223D, VBO-4223E, VBO-6211C, VBV-6201B3
Terminal ID:
BAT-ARM-FLD, GRD (base)



81-1901
(Ref# D2135)
Regulator
12 Volt/43-47 Amp, Dual Polarity, Three-Unit Type, 3-Terminal

For: Delco Generators
Used On: Agricultural, Industrial, Truck Applications
Replaces: Caterpillar 4S6421;
Delco 1118279, 1118339, 1118368, 1118838, 1118880, 1118881, 1118883, 1118939, 1119156, 1119200, 1119269, D651
Terminal ID:
BAT-ARM-FLD, GRD (base)



81-1903
(Ref# D2152)
Regulator
24 Volt/16-20 Amp, Dual Polarity, Three-Unit Type, A-Circuit, 3-Terminal

For: Delco Generators
Used On: Agricultural, Industrial Applications, Caterpillar
Replaces: Caterpillar 5L6614, Delco 1118793
Terminal ID:
BAT-ARM-FLD, GRD (base)
Note: With shock mounting pkg.



81-1904
(Ref# D2150)
Regulator
24 Volt/18-22 Amp, Dual Polarity, Three-Unit Type, A-Circuit, 4-Terminal, Isolated/Split Ground

For: Delco Generators
Used On: Industrial, Truck Applications
Replaces: Caterpillar 6L7237, Delco 1118737
Terminal ID:
BAT-ARM-FLD-GRD (back of base)

REGULATORS

Delco (cont'd)



81-1905
(Ref# D13911)
Regulator
6 Volt, Pos. Grd., Two-Unit Type, 4-Terminal
For: Delco Generators
Used On: Agricultural, Industrial Applications
Replaces: Delco 1118291, 1118308, 1118780, 1119575, D657
Terminal ID:
L-BAT-F-GEN (back of base), GRD (base)



81-1906
(Ref# D13915)
Regulator
12 Volt, Dual Polarity, Two-Unit Type, A-Circuit, 4-Terminal
For: Delco Generators
Used On: Agricultural, Industrial Applications, IHC
Replaces: Delco 1118381, 1118779, 1118997, 1118999, 1119576, D646; IHC 376122R91
Terminal ID:
L-BAT-F-GEN (back of base), GRD (base).
Note:
Similar to 81-1907 except 81-1907 has GEN terminal located underneath base



81-1907
(Ref# D13914)
Regulator
12 Volt, Dual Polarity, Two-Unit Type, A-Circuit, 4-Terminal
For: Delco Generators
Used On: Agricultural Applications
Replaces: Delco 1118981, 1118988, 1119577, D655;
United Technologies 0218821VROOGR
Terminal Identification:
L-BAT-F-GEN (underneath base), GRD (base).
Note:
Similar to 81-1906 except 81-1906 has GEN terminal located in back of base.



81-1908
(Ref# D1429, D13909)
Regulator
6 Volt, Pos. Grd., Two-Unit Type, 4-Terminal
For: Delco Generators
Used On: Agricultural, Industrial Applications
Replaces: Delco 1118265, 1118305, 1118433, 1118436, 1118790, D1700, D647
Terminal ID:
L-BAT-F-GEN (underneath base), GRD (base)



81-1909
(Ref# D13913)
Regulator
12 Volt, Dual Polarity, Two-Unit Type, A-Circuit, 4-Terminal
For: Delco Generators
Used On: Agricultural, Industrial Applications
Replaces: Delco 1118266, 1118306, 1118791, 1118983, 1118985, D648, D657
Terminal ID:
L-BAT-F-GEN (underneath base), GRD (base)



81-1910
(Ref# D13917)
Regulator
12 Volt, Dual Polarity, Two-Unit Type, A-Circuit, 3-Terminal
For: Delco Generators
Used On: Agricultural, Industrial Applications
Replaces: Delco 1118792, 1118991, D649
Terminal ID:
BAT-GEN-FLD, GRD (base)



81-1911
(Ref# D13927)
Regulator
12 Volt/43-47 Amp, Dual Polarity, 14.1 Vset, Three-Unit Type, A-Circuit, 3-Terminal, Double Contact
For: Delco Generators
Replaces: Delco 1119606, 1119608, 1119619; Prestolite 8-412, GRX-278
Terminal ID:
BAT-ARM-FLD, GRD (base)



81-1912
(Ref# D13960)
Regulator
12 Volt/25-31 Amp, Dual Polarity, 14.1 Vset, Three-Unit Type, A-Circuit, 3-Terminal
For: Delco Generators
Replaces: Delco 1118897, 1119241, 1119270
Terminal ID:
BAT-ARM-FLD, GRD (base)



81-1913
(Ref# D1410)
Regulator
6 Volt, Pos. Grd., 7.1 Vset, Two-Unit Type, A-Circuit, 3-Terminal
For: Delco Generators
Replaces: Delco 1118786; Prestolite GRX-406, GRX-407
Terminal ID:
BAT-GEN-FLD, GRD (base)



81-1914
(Ref# D1419)
Regulator
12 Volt, Dual Polarity, 14.1 Vset, Two-Unit Type, A-Circuit, 4-Terminal
For: Delco Generators
Replaces: IHC 545130R92
Terminal ID:
BAT-GEN-FLD-GRD (back of base)



81-1915
(Ref# D1461)
Regulator
24 Volt/8-12 Amp, Dual Polarity, 27.8 Vset, Three-Unit Type, A-Circuit, 4-Terminal, Isolated Grd.
For: Delco Generators
Replaces: Delco 1118347, 1118429, 1118957, 1119282
Terminal ID:
BAT-GEN-FLD-GRD (back of base)



81-1917
(Ref# D2107)
Regulator
6 Volt/37-41 Amp, Dual Polarity, 7.0 Vset, Three-Unit Type, A-Circuit, 3-Terminal
For: Delco Generators
Replaces: Delco 1118201, 1118301, 1118847, 1118869, 1118872, D601, D614, D653
Terminal ID:
BAT-ARM-FLD, GRD (base)



81-1918
(Ref# D2108)
Regulator
6 Volt/42-46 Amp, Neg. Grd., 7.0 Vset, Three-Unit Type, A-Circuit, 3-Terminal
For: Delco Generators
Replaces: Delco 1118725, 1118727, 1118729, 1118827, 1118831, 1118837, 1118849, 1118852, D605, D606, D609; Prestolite 8-261, GRX-261, VBO-4623D, VBO-4623E
Terminal ID:
BAT-ARM-FLD, GRD (base)

REGULATORS

Delco (cont'd)



81-1919
(Ref# D2126, D13926)
Regulator
12 Volt/32-36 Amp, Dual Polarity, 14.1 Vset, Three-Unit Type, A-Circuit, 3-Terminal
For: Delco Generators
Used On: Industrial Applications
Replaces: Caterpillar 5L4599; Delco 1119168, 1119305, D621
Lester Nos: 7141, 7144
Terminal ID:
BAT-ARM-FLD, GRD (base)



81-1920
(Ref# D2134)
Regulator
12 Volt/37-42 Amp, Dual Polarity, 14.1 Vset, Three-Unit Type, A-Circuit, 3-Terminal
For: Delco Generators
Used On: Agricultural, Industrial Applications
Replaces: Delco 1119004, D619; Prestolite 8-821, GRX-281;
Terminal ID:
BAT-ARM-FLD, GRD (base)



81-1921
(Ref# D2103)
Regulator
6 Volt/26-30 Amp, Pos. Grd., 7.0 Vset, Three-Unit Type, A-Circuit, 3-Terminal
For: Delco Generators
Replaces: Delco 1118208, 1118215, 1118230, 1118234, 1118253, 1118271, 1118303, 1118350, 1118871, 1119176, D603
Terminal ID:
BAT-ARM-FLD, GRD (base)



81-1922
(Ref# D2110)
Regulator
6 Volt/37-41 Amp, Pos. Grd., 7.0 Vset, Three-Unit Type, A-Circuit, 3-Terminal
For: Delco Generators
Replaces: Delco 1118212, 1118222, 1118226, 1118232, 1118238, 1118276, 1118278, 1118302, 1118314, 1118331, 1118351, 1118360, 1118366, 1118380, 1118382, 1118392, 1118731, 1118830, 1118834, 1118841, 1118846, 1118850, 1118864, 1118865, 1118867, D602, D604, D607, D608, D610, D612; Prestolite 8-262
Terminal ID:
BAT-ARM-FLD, GRD (base)



81-1923
(Ref# D2124)
Regulator
12 Volt/22-26 Amp, Dual Polarity, 14.1 Vset, Three-Unit Type, A-Circuit, 3-Terminal
For: Delco Generators
Replaces: Delco 1118210, 1118214, 1118260, 1118273, 1118304, 1118316, 1118354, 1118857, 1118896, 1118901, 1118902, 1118955, 1119135, 1119245, 1119645, D616, D654; Prestolite 8-266
Terminal ID:
BAT-ARM-FLD, GRD (base)



81-1924
(Ref# D2127)
Regulator
12 Volt/36-42 Amp, Neg. Grd., 14.1 Vset, Three-Unit Type, A-Circuit, 3-Terminal, Double Contact
For: Delco Generators
Replaces: Delco 1119600, 1119602, 1119623, 1119654, D263, D623, D627
Terminal ID:
BAT-ARM-FLD, GRD (base)



D100
Regulator Cutout
6-24 Volt, Pos. or Neg. Grd.

Used On: Agriculture, Industrial & Marine
Replaces: Delco 1867781, D1702
Features:
- Universal Generator Cut-Out
- Positive or negative ground systems
- 6 thru 24 volt applications
- 25 amp capability

Ford



81-2900
(Ref# F12961, F2161)
Regulator
12 Volt/26-31 Amp, Dual Polarity, Three-Unit Type, B-Circuit, 3-Terminal

For: Ford Generators
Used On: (1965-56) Car, Industrial, Truck Applications
Replaces: Ford C3DZ-10505-A, C3TZ-10505-B, GR-268; Prestolite 8-621
Terminal ID: ARM-FLD-BAT



81-2901
(Ref# F12905)
Regulator
6 Volt, Pos. Grd., Two-Unit Type, B-Circuit, 3-Terminal

For: Ford Generators
Used On: Agricultural, Industrial Applications
Replaces: Ford FAG-10505-A, GR-277
Terminal ID: ARM-FLD-BAT



81-2902
(Ref# F12903)
Regulator
6 Volt, Pos. Grd., 7.1 Vset, Two-Unit Type, A-Circuit, 3-Terminal

For: Ford Generators
Used On: Agricultural, Industrial Applications
Replaces: Ford 8N-10505-C, GR-276
Terminal ID: BAT-ARM-FLD



81-2903
(Ref# F12906)
Regulator
12 Volt, Dual Polarity, 14.5 Vset, Two-Unit Type, B-Circuit, 3-Terminal

For: Ford Generators
Replaces: Chrysler 2900446; Ford C0NF-10505-A, GR-278
Terminal ID: ARM-FLD-BAT



81-2904
(Ref# F12941)
Regulator
6 Volt/38-42 Amp, Pos. Grd., 7.1 Vset, Two-Unit Type, B-Circuit, 3-Terminal

For: Ford Generators
(cont'd.)

(cont'd.)
Replaces: Chrysler 3203654; Delco 1972031, 1972059; Ford 01-10505-C, 01A-10505-A; 51A-10505-C, -D, -E, -H; 59A-10505-A, 5EA-10505-C, 5EH-10505-E, 81-10505-A, 8A-10505-A, 8L-10505-A, 8M-10505-A, 91A-10505-A; B5A-10505-B, -C; F601M, F602M, FAC-10505-A; FAD-10505-A, -C; GR1, GR7, GR8; Prestolite VBO-6611D
Terminal ID: ARM-FLD-BAT



81-2905
(Ref# F2162)
Regulator
12 Volt/37-41 Amp, 14.1 Vset, Dual Polarity, Three-Unit Type, B-Circuit, 3-Terminal

For: Ford Generators
Replaces: Delco 1972067, 1972070; Ford B8A-10505-A, -B, -C; C0MF-10505-A, C2AF-10505-B; C2AZ-10505-B, -C; C2TZ-10505-A, D2AZ-10505-C, GR-4, GR-17, GR-22, GR-241, GR-266, GR-269, GR-369, GR-370; Prestolite 8-622
Terminal ID: ARM-FLD-BAT



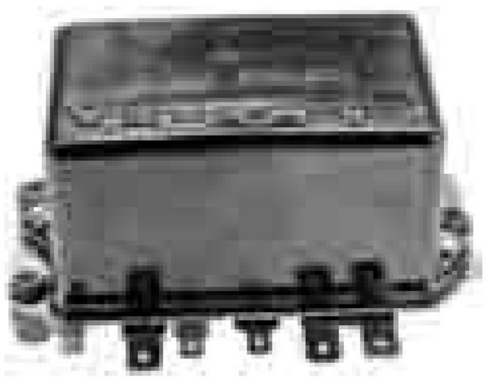
81-2906
(Ref# F1401)
Regulator
6 Volt, Pos. Grd., 7.1 Vset, Two-Unit Type, A-Circuit

For: Ford Generators
Replaces: Ford 8N-10505-B; Prestolite VAZ-4001A, VAZ-4008A
Terminal ID: BAT-ARM-FLD
Note: Includes adapter plate & hardware.

GENERATOR - COMPONENTS

REGULATORS

Lucas



81-92900
(Ref# IL1292)
Regulator
12 Volt, B-Circuit
For: Lucas C40, C40T Series Generators
Used On: Ford, MG, Triumph
Replaces: Ford 3004E-10505-A, 622E-10505-A, C5NF-10505-B; Lucas 37279, 37299, 37323, 37344, 37346, 37367, 37368, 37391, 37392, 37451, 37472, 37477, 37528, 37529, 37542, 37544, 37547, 37559, 37562, 37563, 37568, 37569, 37570, 37571, 37572, 37573, 37576, 37577, 37597, NCB130, NCB131, NCB132, NCB133, NCB134
Unit Nos: Lucas 22700, 715, 725, 742
Lester Nos: 15017, 15027
WAI Ref. Nos: 3-1003-01LU, 3-1005-01LU

Prestolite



81-6902
(Ref# P2174)
Regulator
6 Volt/37-41 Amp, Pos. Grd., 7.0 Vset, Three-Unit Type, A-Circuit, 3-Terminal
For: Prestolite Generators
Used On: AMC, Chrysler, Continental, Diamond T, Dodge Truck, Hercules, Hudson, Jeep, Packard
(cont'd)

(cont'd)
Replaces: Chrysler 871763, 1120515, 1121978, 1257394, 1321757, 1343573, 1571161, 2095209; Prestolite, 8-70, 8-74, 8-117, GRX-761, VBE-6102A, VBE-6104A; VBO-4601F, K; VBO-4602B, R; VRB-4002C; VRP-4001A, B; VRP-4002D; VRP-4003A, B; VRP-4004A, C, F; VRP-4008A; VRP-6001A, B; VRP-6002A, VRP-6005A; VRP-6101A, B
Terminal ID: ARM-FLD-BAT



81-6903
(Ref# P2175)
Regulator
6 Volt/42-46 Amp, Pos. Grd., 7.0 Vset, Three-Unit Type, A-Circuit, 3-Terminal
For: Prestolite Generators
Used On: AMC, Chrysler, Dodge Truck, Hudson, Plymouth
Replaces: Prestolite 8-76, 8-762, VBE-6001A, VBE-6101, VBE-6201A, VBO-4602E, VBO-4602V,
Terminal ID: ARM-FLD-BAT



81-6904
(Ref# P2192)
Regulator
12 Volt/27-31 Amp, Dual Polarity, 14.1 Vset, Three-Unit Type, A-Circuit, 3-Terminal
For: Prestolite Generators
Replaces: Prestolite 8-58, 8-59, 8-154, 8-414, 8-722, VBO-4201E, VBO-4202A, VBO-4202B, VBO-4202P, VBO-4202R
Terminal ID:
ARM-FLD-BAT (back of base)



81-6905
(Ref# P2195)
Regulator
12 Volt/37-41 Amp, Neg. Grd., 14.1 Vset, Three-Unit Type, A-Circuit, 3-Terminal
For: Prestolite Generators
Used On: Brockway, Checker, Chrysler
Replaces: Prestolite 8-56, 8-60, 8-61, VBO-4201D, VBO-4202C, VBO-4202D, VBO-4202G
Terminal ID:
ARM-FLD-BAT (back of base)



81-6906
(Ref# P2197)
Regulator
12 Volt/27-31 Amp, Dual Polarity, 14.1 Vset, Three-Unit Type, B-Circuit, 3-Terminal
For: Prestolite Generators
Replaces: Prestolite 8-82, 8-84, 8-416, VBO-6201C
Terminal ID: ARM-FLD-BAT

SMALL PARTS



46-1193
Terminal Post

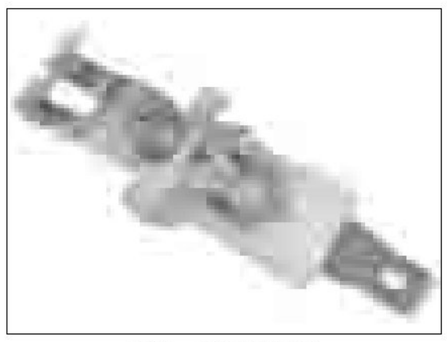
For: Delco Generators
Replaces: Delco 1921369, Ref# S-891
Dim: 12-24 x 1



81-92801
Brush Spring Kit

For: Lucas C40T Series, Tach Drive Generators
Used On: Case Tractor, Ford Tractor
Replaces: Ford C5NF-10057-A, Lucas 54219375
Unit Nos: Lucas 22756, 22758
Lester Nos: 15027
WAI Ref. Nos: 3-1005-01LU



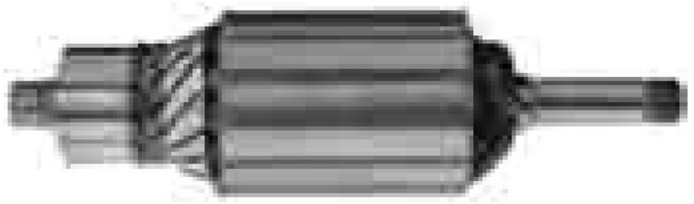


81-92802
Terminal Kit - Field Coil

For: Lucas C40T Series, Tach Drive Generators
Used On: Case Tractor, Ford Tractor
Replaces: Lucas 54216878
Unit Nos: Lucas 22756, 22758
Lester Nos: 15027
WAI Ref. Nos: 3-1005-01LU

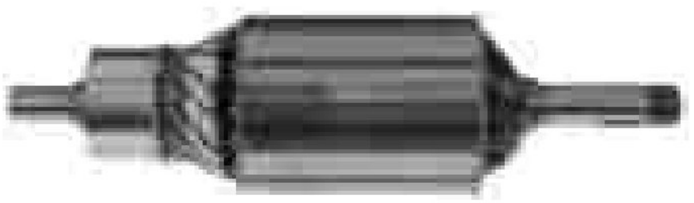
STARTER/GENERATOR - COMPONENTS

GARDEN TRACTORS



61-159
Armature
12 Volt

For: Delco Starter/Generator
Replaces: Delco 1939904, 1945778; Ref# 4040-242
Unit Nos: Delco 1101693, 698, 870, 872, 874, 926, 928, 934, 940, 945, 949, 951, 953, 960, 961, 965, 967, 969, 970, 971, 973, 978, 980, 981, 984, 986, 992, 993, 995, 996, 997, 998, 999
Lester Nos: 9186, 9190, 9191, 9192, 9193, 9197, 9198, 9199
Dim: 255mm OAL
17mm Shaft OD, Front Bearing
17mm Shaft OE, Rear Bearing
.669-20 Threads
Components:
Bearing C.E.
Features:
• 100% New



81-1103
Armature
12 Volt

For: Delco Starter/Generator
Replaces: Delco 800212; Ref# 88, 4040-88
Unit Nos: Delco 1101432, 1101689, 1101692, 1101863, 1101864, 1101875
Lester Nos: 9185, 9186, 9191, 9193
Dim: 264mm OAL
17mm Shaft OD, Front Bearing
14.2mm Shaft OE, Rear Bushing
.669-20 Threads
Features:
• 100% New



81-1405
D.E. Frame

For: Delco Starter/Generator
Replaces: Delco 1871380, 1873830, 1907328, 1914277, 1920922, 1957069
Unit Nos: Delco 1101926, 1101927, 1101928, 1101930 & others
Dim: Mtg. Ear Hole Size: 5/16 x 18
Mtg. Foot Hole Size: 5/16"
Note: Used w/ 6203 bearing



81-1406
C.E. Frame

For: Delco Starter/Generator
Replaces: Delco 1939907, 1939908, 1941448, 1941519, 1945022, 1957073, 1962407
Unit Nos: Delco 1101926, 1101927, 1101928, 1101930 & others
Dim: Mtg. Hole Size: 5/16"
Note: Used w/ 6203 bearing



81-1501
Field Coil
12 Volt

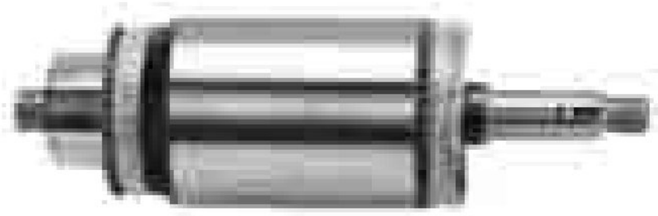
For: Delco Starter/Generators
Replaces: Delco 1939889, 1939890; Ref# 3A-4423
Dim: 74mm HT x 48mm W
Features:
• Mfd. in Canada



81-1916
(Ref# D1462)
Regulator
12 Volt/15-18 Amp, Dual Polarity, 14.1 Vset, Three-Unit Type, A-Circuit, 3-Terminal

For: Delco Starter/Generators
Replaces: Delco 1118910, 1119152, 1119153, 1119165, 1119257, 1119310, D656
Terminal ID:
BAT-ARM-FLD, GRD (base)

GOLF CARTS



81-81100
Armature
12 Volt

For: Hitachi Starter/Generators
Used On: Club Car, E-Z-GO, Yamaha Golf Carts
Replaces: Hitachi GSB107-1100; Ref# 299, 4004-299
Dim: 224mm OAL
17mm Shaft OD, Front Bearing, w/ Keyway Slot
15mm Shaft OE, Rear Bushing
M16 x 1.50 Threads
Features:
• 100% New



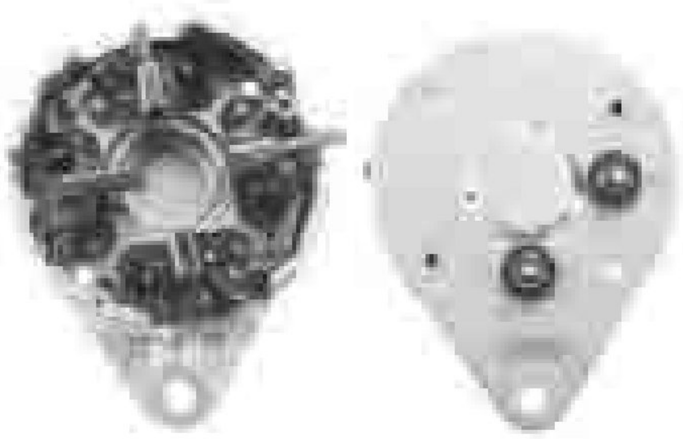
81-81101
Armature
12 Volt

For: Hitachi Starter/Generators
Used On: E-Z-GO 4-Cycle Golf Carts; Yamaha G16 Golf Carts
Dim: 216mm OAL
17mm Shaft OD, Front Bearing, wo/ Keyway Slot
15mm Shaft OE, Rear Bushing
M16 x 1.50 Threads
Features:
• 100% New



81-81200
Brush

For: Hitachi Starter/Generators
Used On: Club Car, E-Z-GO, Yamaha Golf Carts
Dim: 5.5mm T x 13.5mm W x 26mm L x 38mm LL



81-81400
C.E. Frame

For: Hitachi Starter/Generators
Used On: E-Z-GO Golf Carts w/ 250-400cc Gas Engines
Replaces: Hitachi GSB107-1301
Dim: 3/8" Mtg. Hole
Note: Includes brush holder assy.
Components:
81-81200 Brush
81-81601 Brush Holder Assy.



81-81401
C.E. Frame

For: Hitachi Starter/Generators
Used On: E-Z-GO 4-Cycle Golf Carts; Yamaha G16 Golf Carts
Replaces: Hitachi GSB107-1401, Yamaha JN3-81166-00-00
Dim: 1/2" Mtg. Hole
Note: Includes brush holder assy.
Components:
81-81200 Brush
81-81601 Brush Holder Assy.



81-81500
Field Coil
12 Volt

For: Hitachi Starter/Generators
Used On: Club Car, E-Z-GO Golf Carts
Replaces: Hitachi GSB107-1610
Dim:
2) M6 x 1.0 Terminals
1) M5 x 0.8 Terminal



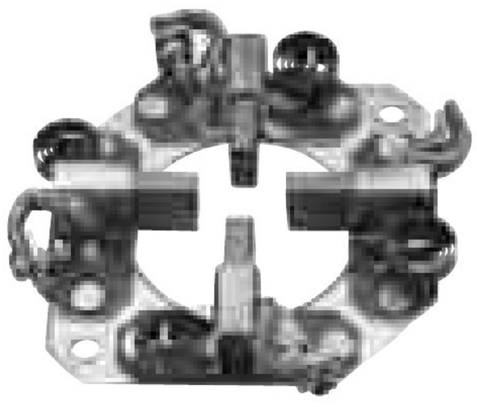
81-81501
Field Coil
12 Volt

For: Hitachi Starter/Generators
Used On: Yamaha G2, G8, G9, G14 Golf Carts
Replaces: Yamaha J38-81160-10-00



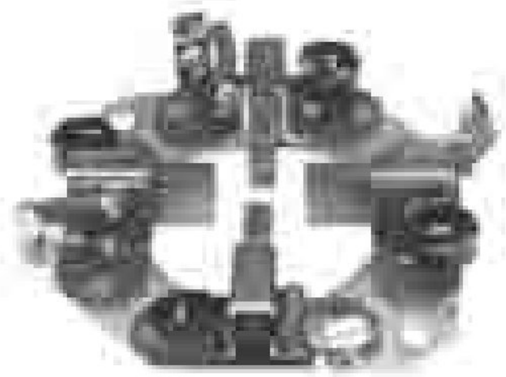
81-81502
Field Coil
12 Volt

For: Hitachi Starter/Generators
Used On: Yamaha G16 Golf Carts



81-81600
Brush Holder Assy.

For: Hitachi Starter/Generators
Used On: Club Car, E-Z-GO, Yamaha Golf Carts
Replaces: Hitachi GSB107-1310
Note: Includes brushes



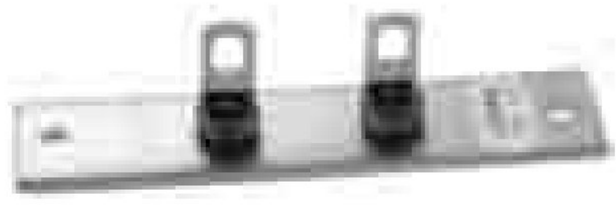
81-81601
Brush Holder Assy.

For: Hitachi Starter/Generators
Used On: E-Z-GO 4-Cycle Golf Carts; Yamaha G16 Golf Carts
Replaces: Yamaha JN3-81150-00-00
Note: Includes brushes
Components:
81-81200 Brush



GC100
Regulator
12 Volt, A-Circuit, 14.5 Vset

Used On: E-Z-GO Gas Powered Golf Carts
Replaces: E-Z-GO 27739G01
Features:
- Optimized design, endures temperature extremes
- Fully sealed to minimize moisture infiltration



GCR100A
Rectifier

Used On: E-Z-GO Gas Powered Golf Carts
Replaces: E-Z-GO 28548G01
Features:
- 2-70A/400V jumbo diodes
- Aluminum heat sink

MOTORCYCLE & SMALL ENGINE



RECTIFIERS & REGULATORS



MR103
Rectifier

Used On: OMC Outboards
Replaces: OMC 580841, 581305 582307, 582399, 583408
Note: 3-wire hook-up.
Features:
• 25A diodes



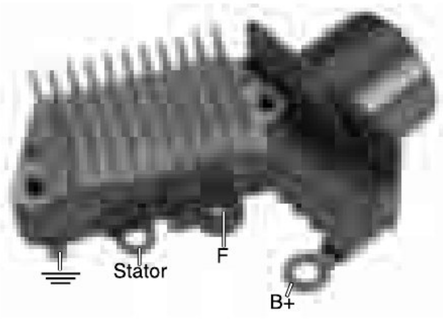
MR104
Rectifier

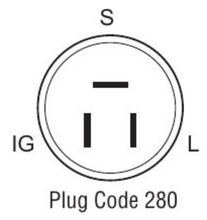
Used On: OMC Outboards
Replaces: OMC 173692, 581778, 582304, 583940
Note: 4-wire hook-up.
Features:
• 25A diodes



MR351
Rectifier

Used On: Mercury Marine Outboards
Replaces: Mercury Marine 62351A1, 62351A2, 816770
Note: 3-post rectifier.
Features:
• 25A diodes





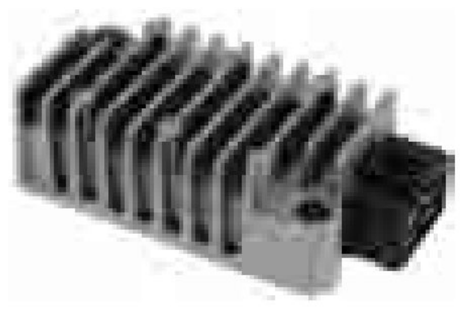
IN277
Regulator
12 Volt, A-Circuit, S-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: Mercury Marine Outboard
Replaces: Nippondenso 126000-1770
Unit Nos: Mercury Marine 821663-1, 828506;
Nippondenso 101211-302, 101211-338
Dim: 57.5mm Mtg. Length
Note: L-terminal is not an output terminal.



4229-124
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

Used On: Sea-Doo GTX, GSX DI Watercrafts
Replaces: Sea-Doo 278-001-241, 278-001-554
Note: For 3-phase stator



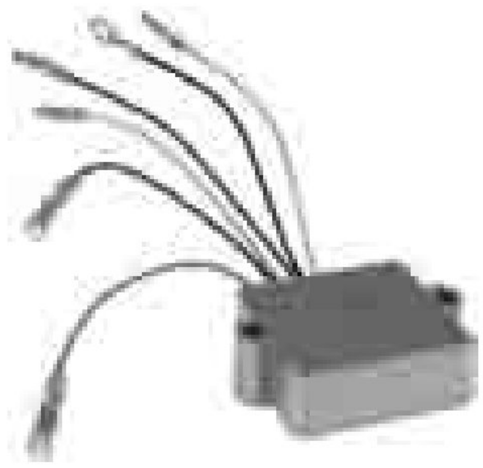
S1004A
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.6 Vset

Used On: (1998-90) Kawasaki JH750 Jetski
Replaces: Shindengen SH565-12
Features:
• Solid state
• Current limiting
• Ceramic hybrid construction



TRR3071
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset

Used On: Mercury Mariner Outboard Engines
Replaces: Mercury Marine 883071
Terminal Identification:
Gray Tach, Yellow AC, Red B+, Black B-, Yellow AC
Note: 5-wire type.



TRR3072
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset

Used On: Mercury Mariner Outboard Engines
Replaces: Mercury Marine 815279T, 815279-3, 815279-5, 830179T, 830179-2, 854515, 856748, 883072, 883072T
Terminal Identification:
Gray Tach, Yellow AC, Red (Female) Sense, Red (Male) B+, Black B-, Yellow AC
Note: 6-wire type.

MOTORCYCLE - COMPONENTS

BRUSHES



81-7200
Brush

For: Harley-Davidson Generators
Replaces: Harley-Davidson 30426-58; Ref# H-9
Dim: 7.5mm T x 16mm W x 17mm L x 41mm LL

RECTIFIERS



IHR763
Rectifier

For: Hitachi 40A IR/IF Alternators
Used On: Honda Gold Wing Motorcycles
Unit Nos: Hitachi LR140-708, -708C; Honda 31100-MT2-015
WAI Ref. Nos: 1-2494-01HI
Dim: 86mm OD
Features:
- 6-20A dish diodes

REGULATORS

Harley-Davidson



H0478
Regulator
12 Volt, 15.3 Vset

For: Harley-Davidson Generators
Used On: (1981-78) Harley-Davidson Sportster Models
(cont'd)

(cont'd)
(1978-77) Harley-Davidson XLCR Models
Replaces: Harley-Davidson 74504-78
Dim: 5" Lead Length
Features:
- Solid state
- Current limiting
- Ceramic hybrid construction
- Black finish w/ polished fins



H0478C
Regulator
12 Volt, 15.3 Vset

Same as H0478 except...
Features:
- Chrome finish



H0482
Regulator
12 Volt, 15.3 Vset

For: Harley-Davidson Generators
Used On: (1984-82) Harley-Davidson Sportster Models
Replaces: Harley-Davidson 74504-82
Dim: 4" Lead Length
Features:
- Solid state
- Current limiting
- Ceramic hybrid construction
- Black finish w/ polished fins



H0482C
Regulator
12 Volt, 15.3 Vset

Same as H0482 except...
Features:
- Chrome finish



H606
Regulator
6 Volt, 7.5 Vset

For: Harley-Davidson Generators
Used On: (1964-58) Harley-Davidson FL, Sportster Models
Replaces: Harley-Davidson 74508-85, 74510-47A, 74510-59
Dim: 4" Lead Length
Note: Solid state regulator to replace mechanical regulator on generator models.
Features:
- Solid state
- Ceramic hybrid construction
- Black finish w/ polished fins



H606C
Regulator
6 Volt, 7.5 Vset

Same as H606 except...
Features:
- Chrome finish



H614
Regulator
12 Volt, 15.3 Vset

For: Harley-Davidson Generators
Used On: (1977-65) Harley-Davidson Sportster Models
(1969-65) Harley-Davidson FL Models
Replaces: Harley-Davidson 74507-85, 74510-64, 74510-65
Dim: 4" Lead Length
Terminal Identification:
Red B+, Case B-, Orange Armature, Green Field.
Note: Solid state regulator to replace mechanical regulator on generator models.
Features:
- Solid state
- Current limiting
- Ceramic hybrid construction
- Black finish w/ polished fins



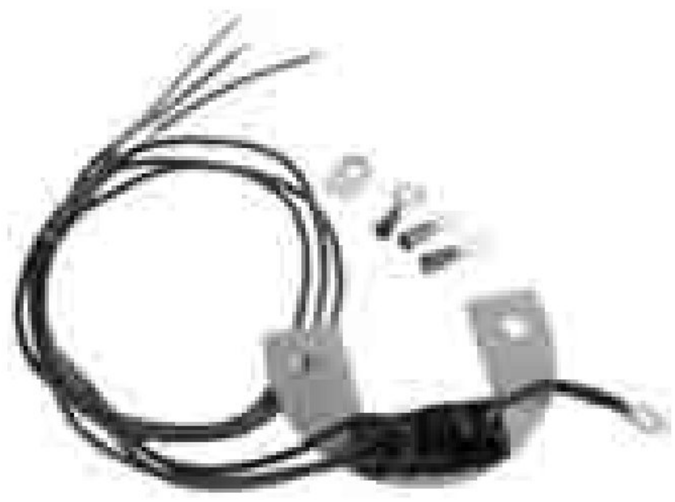
H614C
Regulator
12 Volt, 15.3 Vset

Same as H614 except...
Features:
- Chrome finish



H615
Regulator
12 Volt, 15.3 Vset

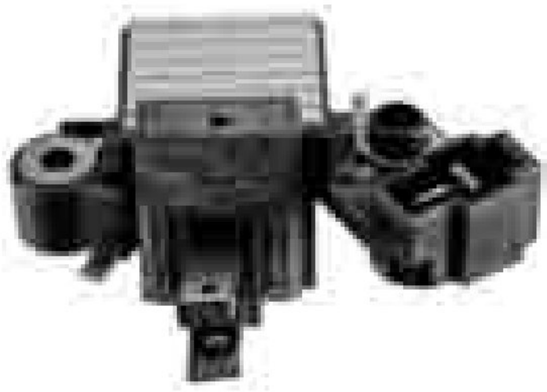
For: Harley-Davidson Generators (cont'd)
Used On: (1977-65) Harley-Davidson Sportster Models
(1969-65) Harley-Davidson FL Models
Replaces: Delco 1119615
Note: Solid state generator regulator attaches directly to the end of the generator. Green and red LEDs give continuous readout of system performance.
Features:
- Solid state
- Current limiting
- Ceramic hybrid construction
- LED charge indicators



H8615
Regulator Sub-Assy.
12 Volt, 15.3 Vset

For: Harley-Davidson Generators
Used On: (1977-65) Harley-Davidson Sportster Models
(1969-65) Harley-Davidson FL Models
Note: Solid state generator regulator sub-assembly attaches directly to the end of the generator.
Features:
- Solid state
- Current limiting
- Ceramic hybrid construction

Japanese



IH258
Regulator
12 Volt, A-Circuit,
IG-L Terminals, 14.4 Vset

For: Hitachi IR/IF Alternators
Used On: Honda Gold Wing Motorcycles
Unit Nos: Hitachi LR140-708, -708C; Honda 31100-MT2-015
WAI Ref. Nos: 1-2494-01HI



KNVR-900
Regulator
12 Volt, A-Circuit, 14.7 Vset

For: Nippondenso Fan Cooled Alternators
Used On: Kawasaki ZX10, ZX900, ZX1000;
Suzuki GSXR750, GSXR1100;
Yamaha FJ1100, FJ1200, RZ700, RZ1000, FZR700, FZR1000
Replaces: Kawasaki 21066-1056

REGULATOR RECTIFIER ASSYS.

Harley-Davidson



H0597
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset

Used On: (2001-97) Harley-Davidson all Touring Models
Replaces: Harley-Davidson 74505-97
Features:
- Black finish



H0597C
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset

Same as H0597 except...
Features:
- Chrome finish

REGULATOR RECTIFIER ASSYS.

Harley-Davidson (cont'd)



H1001
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset
Used On: (2006-01) Harley-Davidson Twin Cam 88 Softail Models
Replaces: Harley-Davidson 74610-01
Features:
- Ceramic hybrid construction
- Black finish



H1001C
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset
Same as H1001 except...
Features:
- Chrome finish



H1070
Regulator Rectifier Assy.
12 Volt, Shunt Type, 14.5 Vset
For: Harley-Davidson 15A Alternators
Used On: (1975-70) Harley-Davidson Big Twin Models
(cont'd)

(cont'd)
Replaces: Harley-Davidson 74510-70A
Dim: 38" Lead Length
Features:
- Solid state
- Current limiting
- Ceramic hybrid construction
- Black finish w/ polished fins



H1070C
Regulator Rectifier Assy.
12 Volt, Shunt Type, 14.5 Vset
Same as H1070 except...
Features:
- Chrome finish



H1075
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset
For: Harley-Davidson 17.8A Alternators
Used On: (1980-76) Harley-Davidson Big Twin Models
Replaces: Harley-Davidson 74510-75A, 74512-79A, 77510-75A
Dim: 57" Lead Length
Features:
- Solid state
- Ceramic hybrid construction
- Black finish w/ polished fins



H1075C
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset
Same as H1075 except...
Features:
- Chrome finish



H1200
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset
Used On: (2000) Harley-Davidson Twin Cam 88 Softail Models
Replaces: Harley-Davidson 74512-00
Features:
- Ceramic hybrid construction
- Black finish w/ polished fins



H1200C
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset
Same as H1200 except...
Features:
- Chrome finish



H1686
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

For: Harley-Davidson 22A Alternators
Used On: (1988-81) Harley-Davidson Big Twin Models
Replaces: Harley-Davidson 74512-84, 74513-82A, 74513-85, 74515-86, 74516-86
Dim: 57" Lead Length
Features:
- Solid state
- Ceramic hybrid construction
- Black finish w/ polished fins



H1686C
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

Same as H1686 except...
Features:
- Chrome finish



H1899
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

Used On: (2003-99) Harley-Davidson Twin Cam 88 Dyna Glide Models
Replaces: Harley-Davidson 74518-99A
Features:
- Ceramic hybrid construction
- Black finish w/ polished fins



H1899C
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

Same as H1899 except...
Features:
- Chrome finish



H1988
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

For: Harley-Davidson 32A Alternators
Used On: (1999-89) Harley-Davidson Evolution Big Twin Models (except EFI models, 98-97 FLT touring models)
Replaces: Harley-Davidson 74519-88
Dim: 57" Lead Length
Features:
- Solid state
- Ceramic hybrid construction
- Black finish w/ polished fins



H1988C
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

Same as H1988 except...
Features:
- Chrome finish



H1988CBB
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

Same as H1988 except...
Features:
- Black finish w/ polished fins
- Accommodates 10A charging systems
- Bike builder friendly - lead kit and terminals provided



H2384
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

Used On: (1985-84) Harley-Davidson Sportster Models w/ Alternator
Replaces: Harley-Davidson 74523-84
Dim: 51" Lead Length
Features:
- Ceramic hybrid construction
- Black finish w/ polished fins



H2386
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

For: Harley-Davidson 19A Alternators
Used On: (1990-86) Harley-Davidson Sportster Models
Replaces: Harley-Davidson 74523-84A
Dim: 38" Lead Length
Features:
- Solid state
- Ceramic hybrid construction
- Black finish w/ polished fins

REGULATOR RECTIFIER ASSYS.

Harley-Davidson (cont'd)



H2386C
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset
Same as H2386 except...
Features:
- Chrome finish



H2391
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset
For: Harley-Davidson 32A Alternators
Used On: (1991) Harley-Davidson Sportster 5-Speed Models
Replaces: Harley-Davidson 74523-91
Dim: 12" Lead Length
Features:
- Solid state
- Ceramic hybrid construction
- Black finish w/ polished fins



H2391C
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset
Same as H2391 except...
Features:
- Chrome finish



H2392
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset
For: Harley-Davidson 32A Alternators
Used On: (1993-92) Harley-Davidson Sportster Models
Replaces: Harley-Davidson 74523-92
Dim: 12" Lead Length
Features:
- Solid state
- Ceramic hybrid construction
- Black finish w/ polished fins



H2392C
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset
Same as H2392 except...
Features:
- Chrome finish

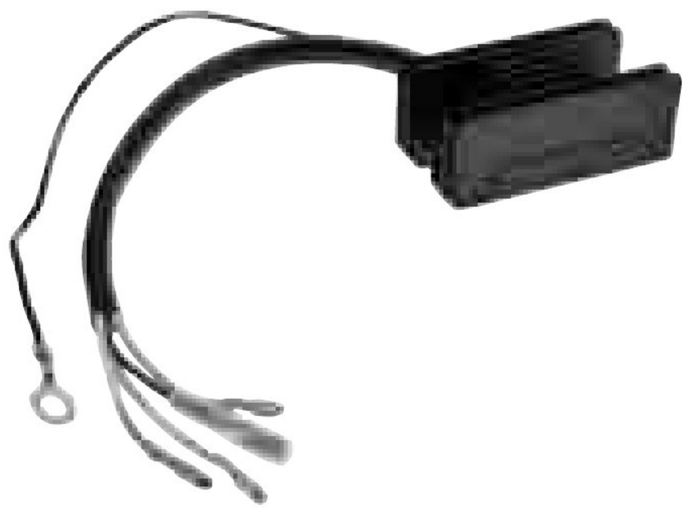


H2394
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset
Used On: (2003-94) Harley-Davidson Sportster Models
Replaces: Harley-Davidson 74523-94
Dim: 10" Lead Length
Features:
- Ceramic hybrid construction
- Black finish w/ polished fins

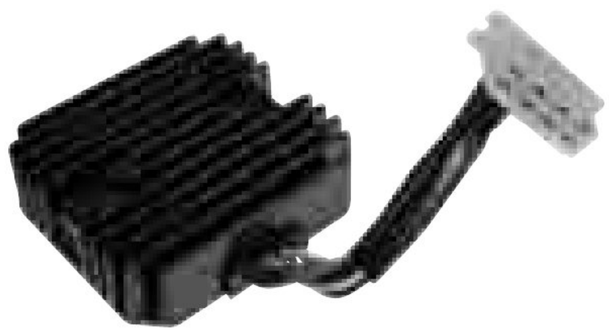


H2394C
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset
Same as H2394 except...
Features:
- Chrome finish

Japanese



S1002E
Regulator Rectifier Assy.
12 Volt, Shunt Type, 14.6 Vset
Used On: (1982-77) Suzuki GS250 thru GS1100 Models
Replaces: Suzuki 32800-44120, 32800-47120, 32800-49140
Features:
- Solid state
- Current limiting
- Ceramic hybrid construction



S1002GL
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.4 Vset
Used On: (1987-80) Honda Goldwing GL1100, GL1200 Models
(cont'd)

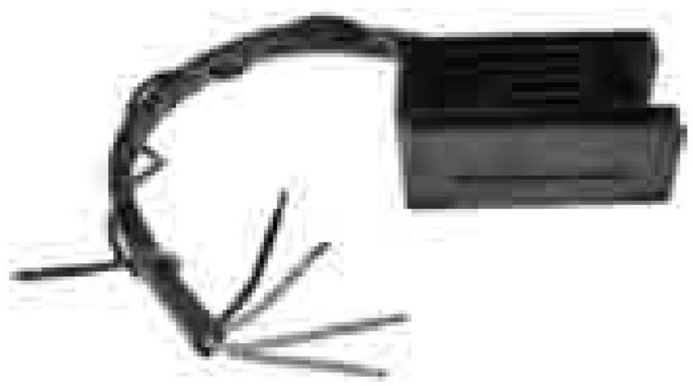
(cont'd)
Replaces: Honda 31600-MG9-010, 31600-463-008; Shindengen SH538-12, SH541-12
Note: 8-wires in connector block.
Features:
• Ceramic hybrid construction



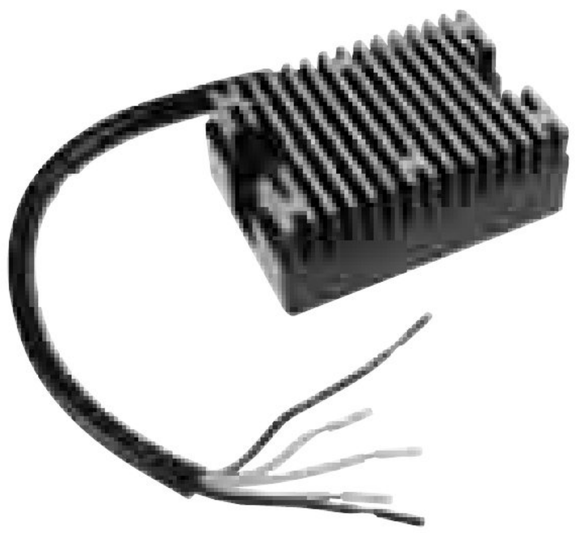
S1002L
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.6 Vset
Used On:
(1986-83) Suzuki GS50 Models
(1983) Suzuki GS650 Models
(1982) Suzuki GS850 Models
(1983) Suzuki GS1100 Models
Replaces: Suzuki 32800-43400, 32800-45220, 32800-49320, 32800-49430
Note: 5-wires: 4-wires in connector plug + 1-wire w/ female bullet connector
Features:
• Solid state
• Current limiting
• Ceramic hybrid construction



S1002S
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.6 Vset
Used On: (1986-83) Suzuki GS300, GS400, GS450, GR650, GS750, GS1150 Models
Replaces: Suzuki 32800-33400, 32800-00A00, 32800-04A00, 32800-09300
Terminal Identification:
B+, Sta, Sta, Sta, B-
Features:
• Solid state
• Current limiting
• Ceramic hybrid construction



S1002U
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.6 Vset
Used On: Kawasaki GL, VF, VT, CX, CM, CB, 400/450T, KZ550, KZ650, KZ700, KZ750, KZ900, KZ1000, KZ1100, KZ1300
Suzuki GS250 thru 1150
Yamaha SR500, XV500, XV700, XV750, XV920, XV1000, XV1100, XVZ1200, XVZ1300
Note: 3-wire stator system
Features:
• Solid state
• Current limiting
• Ceramic hybrid construction



S1002UH
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.6 Vset
Used On: Honda GL1000, GL1100, GL1200, GL1500, VF750, VF1100, VT750, VT1100
Kawasaki KZ550, KZ650, KZ750, KZ900, KZ1000, KZ1100, KZ1300, VN750, ZX600
Suzuki GS250, GS400, GS550, GS750, GS850, GS1100, GS1150, GV1400, VS750, VS1400
Note: Universal Rectifier/Regulator w/ 5-wires for 3-phase magnet alternators.
Features:
• Solid state
• Current limiting
• Ceramic hybrid construction



S1003L
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.7 Vset
Used On:
(1982-79) Honda CB750CK, CB750F, CB750SC
(1982-79) Honda CBX
(1982-80) Honda CB900CF
(1983) Honda CB1000C, CB1100F
Replaces: Honda 31600-425-008, 31600-461-771, 31600-M65-000, 31600-MA2-008, 31600-MA7-088
Note: 8-wires, 3-wires in 4-prong connector block, 5-wires in 6-prong connector plug.
Features:
• Solid state
• Current limiting
• Ceramic hybrid construction



S1003S
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.7 Vset
Used On: (1982-79) Honda CB650
Replaces: Honda 31600-426-000, 31600-460-73
Note: 8-wires, 3-wires in 4-prong connector block, 5-wires in 6-prong connector block.
Features:
• Solid state
• Current limiting
• Ceramic hybrid construction

REGULATOR RECTIFIER ASSYS.

Japanese (cont'd)



S1003U
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.7 Vset
Used On: Honda Four (early)
Kawasaki H1, H2, KZ400
Suzuki GT750
Yamaha XS650
Note: Universal Rectifier/Regulator w/ 8-wires for 3-phase excited field systems.
Features:
- Solid state
- Current limiting
- Ceramic hybrid construction



S1003UH
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.7 Vset
Used On: Honda Four
Kawasaki Four (early)
Suzuki 2-Cycle Triple, RE5 Rotary
Yamaha Four, 4-Cycle Twin, RD250, RD350, RD400
Note: Universal Rectifier/Regulator w/ 8-wires for 3-phase excited field systems.
Features:
- Solid state
- Current limiting
- Ceramic hybrid construction



S1004B
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.4 Vset
Used On: Yamaha TDM850, TDR125, TT600, TW125, XJ600, XG250 Motorcycles
Replaces: Shindengen SH629A-12
Terminal Indentification:
S1, S2, S3, B+, Grounded Base
Note: For 3-phase excited field systems
Features:
- Solid state
- Current limiting
- Ceramic hybrid construction



TRR6330
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.4 Vset
Used On:
(1994-91) Honda CBR600 F2
(1998-95) Honda CBR600 F3
(2000-99) Honda CBR600 F4
(1998) Honda CBR600 SE
(1996) Honda CBR600 SJR
(1999-93) Honda CBR900 RR
(1998-94) Honda PC800 Pacific Coast
(1990-89) Honda PC800 Pacific Coast
(2000-97) Honda VTR1000 F Super Hawk
Replaces: Honda 31600-MV4-000, 31600-KY2-703; Shindengen SH633-12
Features:
- Unique design for exceptional heat-sinking

DIODES



BR1955
Diode

For: Briggs & Stratton 5A Tri-Circuit Harness Charging Systems
Replaces: Briggs & Stratton 392606, 691955
Features:
• 2-6A/200V power diodes



BR3456
Diode

For: Briggs & Stratton Dual-Circuit Charging Systems (except Model 32)
Replaces: Briggs & Stratton 393456
Note: Pigtails attach to stator leads. Eliminate fuse holder, bracket.
May require rotating (old-style) stator 90°.
Features:
• 1-6A/200V diode

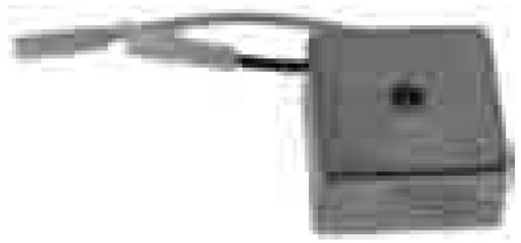


BR3814
Diode

For: Briggs & Stratton Single-Circuit Charging Systems
Replaces: Briggs & Stratton 393814
Note: Pigtails attach to stator leads. Eliminate fuse holder, bracket.
May require rotating (old-style) stator 90°.
Features:
• 1-6A/200V diode

REGULATOR RECTIFIER ASSYS.

Briggs & Stratton



BR1546
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset

For: Briggs & Stratton
Used On: Briggs & Stratton 256400, 280700, 28B700, 28M700, 28Q700, 351400, 351700, 42A700 Series Small Engines
Replaces: Briggs & Stratton 491546, 691188
Note: For 5 & 9 amp charging systems. 2-wire leads: red, yellow
Features:
• Ceramic hybrid construction



BR7809
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset

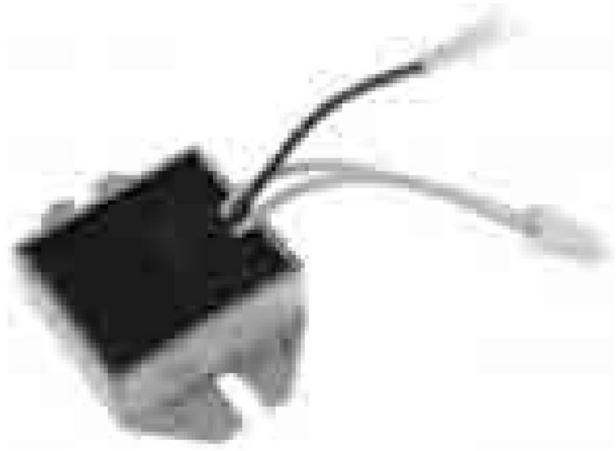
For: Briggs & Stratton
Used On: Briggs & Stratton 422700 Series Small Engines
Replaces: Briggs & Stratton 397809
Note: For 8 amp quad circuit charging systems.
Features:
• Ceramic hybrid construction



BR3219
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset

For: Briggs & Stratton
Used On: Briggs & Stratton 303700 Series Small Engines
Replaces: Briggs & Stratton 493219
(cont'd)

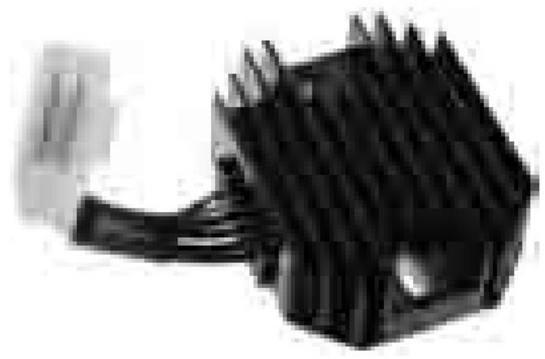
(cont'd)
Note: For 16 amp dual output charging systems.
Features:
• Accommodates no-charge lamp



BR4890
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset

For: Briggs & Stratton
Used On: Briggs & Stratton 192400, 196400, 226400, 28M700, 280700, 351700 Series, 8-20 hp Small Engines
Replaces: Briggs & Stratton 393374, 394890, 691185
Note: For 10 amp, 13 amp, 14 amp, 16 amp charging systems.
Features:
• Ceramic hybrid construction

Grasshopper



GH5530
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.7 Vset

Used On: Grasshopper 1822D, 718D, 721D, 721G Model Lawn Equipment
Replaces: Grasshopper 185530, RS5155; Kubota 15531-64603, RP201-53710
Terminal Identification:
AC, B-, AC / L, I, B+
Features:
• Ceramic hybrid construction
• Accommodates charge indicator light

REGULATOR RECTIFIER ASSYS.

Honda

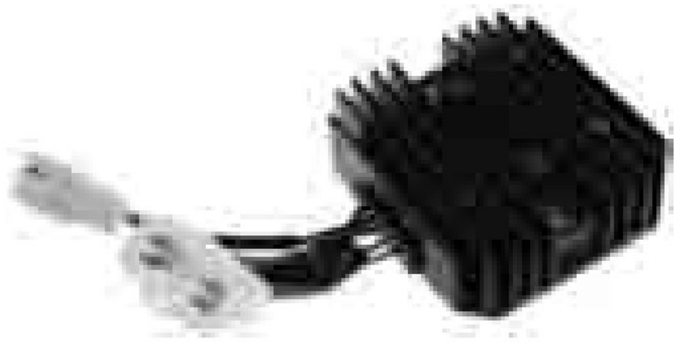


HN9951
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.7 Vset
Used On: Honda Lawn Tractors
Replaces: Honda 31600-890-951
Note: 5-Terminals: B+, IGN, B- / AC, AC
Features:
- Ceramic hybrid construction

Kawasaki

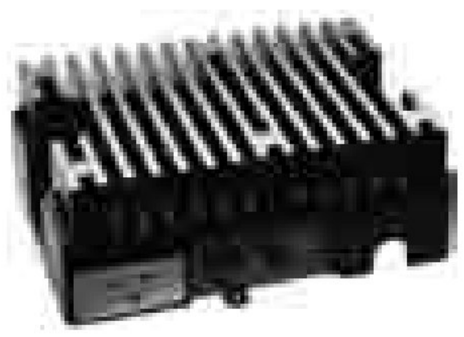


KW2056
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.7 Vset
Used On: Kawasaki FB460, FC400, FC420, FC540 Engine Models
John Deere 130, 160, 165, 170, 172, 175, 176, 180, 185, 186, 240, 242, 245, 262, 265, 285, 320, 325, 345, F510, F525, F710, F725 Models
ATM 600, 622, 626
Gator 4X2, 6X4 models w/ 15 Amp Charging System
Replaces: John Deere M70121, M97348;
Kawasaki 21066-2056, 21066-2070;
Shindengen SH578-12, SH626-12
Terminal Identification:
B+, IGN, B- / AC, L, AC
Features:
- Ceramic hybrid construction
- Accommodates charge indicator light



KW2071
Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.4 Vset
Used On: Commercial Walk-behind Mowers w/ Kawasaki Engine w/ electric clutch, rope starter & no battery
Replaces: John Deere AM109462, Kawasaki 21066-2071, Shindengen SH637-12
Features:
- Solid state
- Current limiting
- Ceramic hybrid construction

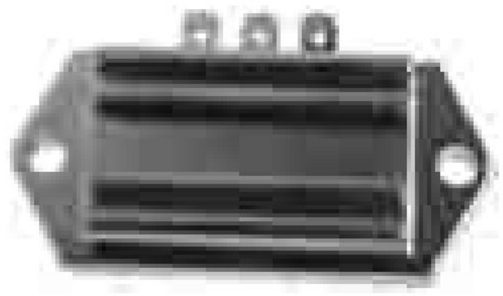
Kohler



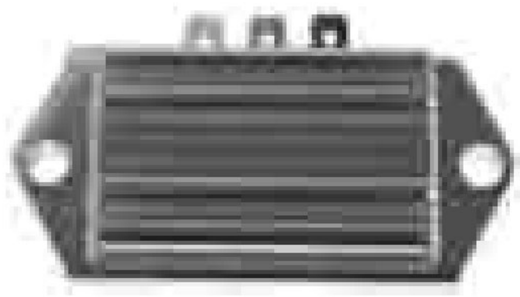
JDR2256
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset
Used On: Kohler K181, K241, K301, K321, K482, K532, K582 Model, 8-24 hp Small Engines; John Deere, Tecumseh, Sears
Replaces: John Deere AM33845, AM37200;
Kohler 237335, 41-403-06, 41-403-06S
Terminal Identification:
B+, AC, AC.
Note: For 15 amp charging systems.
Features:
- Ceramic hybrid construction



JDR4720
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset
Used On: John Deere Lawn Equipment w/ Kohler K Series, 8-12 hp Single Cyl. Small Engines
(cont'd)
Replaces: John Deere AM102596; Kohler 234279, 25-755-03S, 41-403-08; Tecumseh 610749
Terminal Identification:
AC, B+, AC.
Note: For 10 amp charging systems.
Features:
- Ceramic hybrid construction

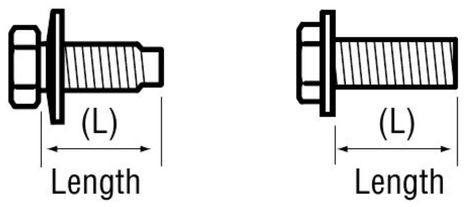


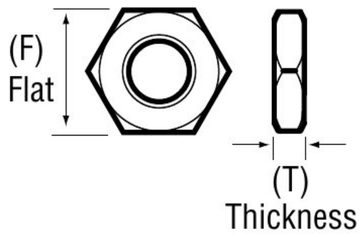
KH4301
Rectifier
12 Volt
Used On: Commercial Walk-behind Mowers w/ Kohler Engine w/ electric clutch, rope starter & no battery
Kohler CV11, CV12.5, CV13, CV14, CV15, CV18 Model Engines
Replaces: John Deere M131287, Kohler 12-403-01
Terminal Identification:
AC, B+

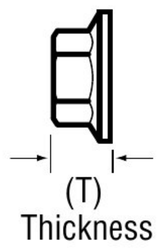


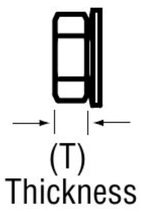
KH4309
Regulator Rectifier Assy.
12 Volt, Series Type, 14.4 Vset
Used On: Kohler KT17-19, M8 thru MV20 Series Small Engines
Replaces: John Deere AM102596; Kohler 234279, 25-755-03S, 41-403-05, 41-403-09; Tecumseh 610749
Terminal Identification:
AC, B+, AC
Note: For 15 amp permanent magnet charging systems.
Features:
- Ceramic hybrid construction

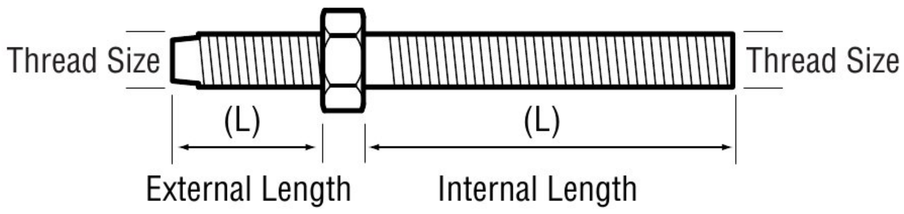
DIMENSION REFERENCES

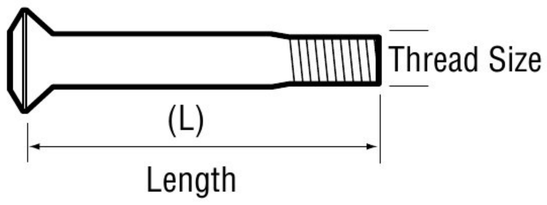


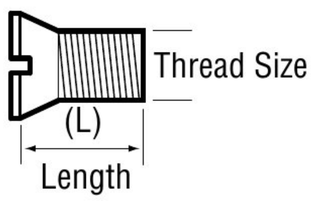




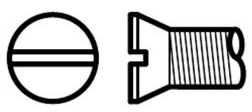


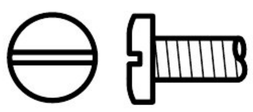


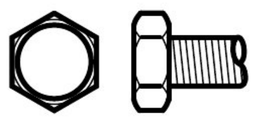


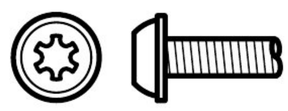


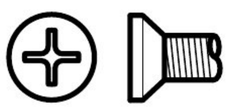
HEAD TYPES

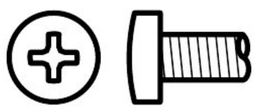

Slotted Flat Head


Slotted Pan Head

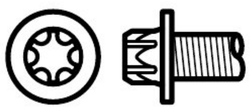

Hex Head


Internal Torx Head

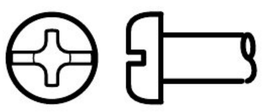

Philips Flat Head


Philips Pan Head


Hex Washer Head

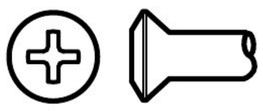

External Torx Head

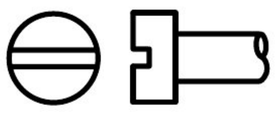

Square Drive Flat Head


Philips / Slotted Pan Head


Slotted Hex Washer Head

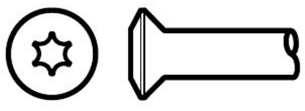

Socket Head

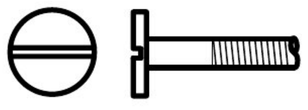

Philips Oval Head


Slotted Fillister

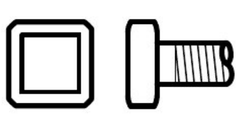

Philips Hex Washer Head


12 Point Head


Internal Torx Oval Head


Slotted Binding Head


Hex Washer Head
w/serrated Flange


Square Head

THREAD-CUTTING TYPES


Type 1


Type 23

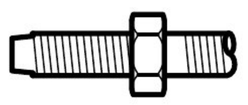

Type 2


Hi-Lo

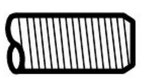
THREAD-FORMING TYPES

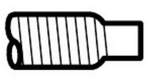


POINT TYPES


Header Point


Cone Point

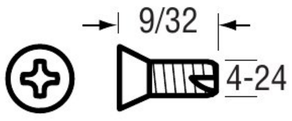

Chamfer Point


Dog Point

HARDWARE (84-, 85-)

SCREWS - STANDARD

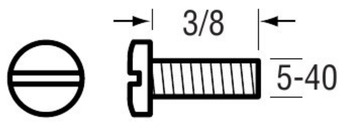
4-24



84-1110
Screw

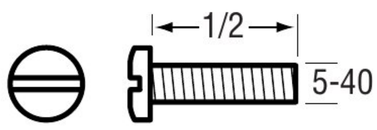
Dim: 4-24 x 9/32 L
Features:
- Phillips flat head
- Thread -cutting
- Zinc-plated

5-40



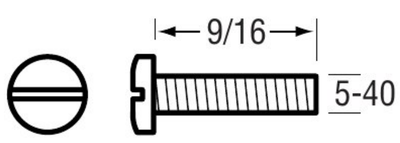
84-1106
Screw

Dim: 5-40 x 3/8 L
Features:
- Slotted pan head
- Zinc-plated



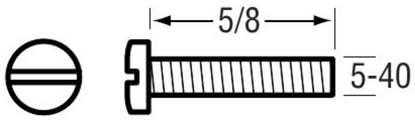
84-1104
Screw

Dim: 5-40 x 1/2 L
Features:
- Slotted pan head
- Zinc-plated



84-1107
Screw

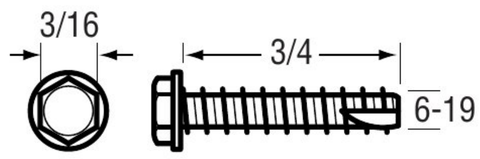
Dim: 5-40 x 9/16 L
Features:
- Slotted pan head
- Zinc-plated



84-1109
Screw

Dim: 5-40 x 5/8 L
Features:
- Slotted pan head
- Zinc-plated

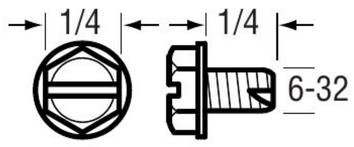
6-19



84-1100
Screw

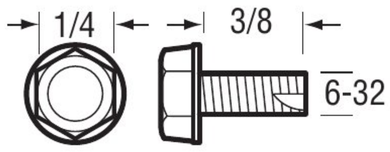
Dim: 6-19 x 3/4 L
Features:
- Hex washer head, 3/16 drive
- Type HL, thread- cutting
- Black oxide finish

6-32



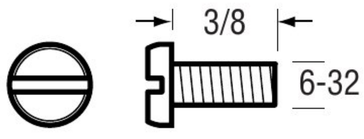
84-1105
Screw

Dim: 6-32 x 1/4 L
Features:
- Slotted hex washer head, 1/4 drive
- Thread -cutting
- Zinc-plated



84-1102
Screw

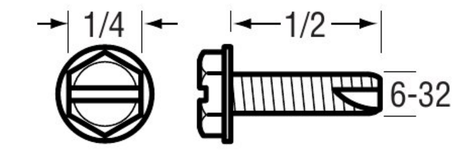
Dim: 6-32 x 3/8 L
Features:
- Hex washer head, 1/4 drive
- Thread -cutting
- Zinc-plated



84-1108
Screw

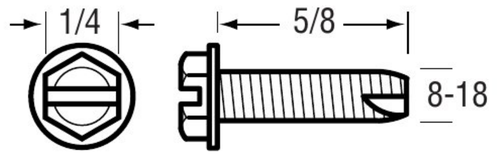
Dim: 6-32 x 3/8 L
Features:
- Slotted pan head
- Zinc-plated

8-18



84-1103
Screw

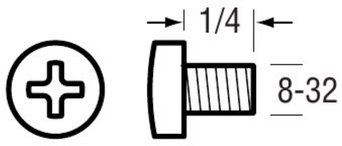
Dim: 6-32 x 1/2 L
Features:
- Slotted hex washer head, 1/4 drive
- Thread- cutting
- Zinc-plated



84-1201
Screw

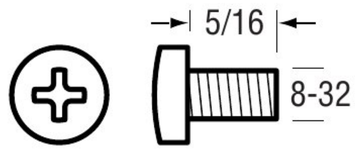
Dim: 8-18 x 5/8 L
Features:
- Slotted hex washer head, 1/4 drive
- Thread -cutting
- Zinc-plated

8-32



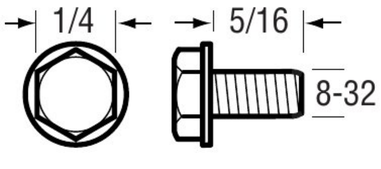
84-1216
Screw

Dim: 8-32 x 1/4 L
Features:
- Phillips pan head
- Zinc-plated



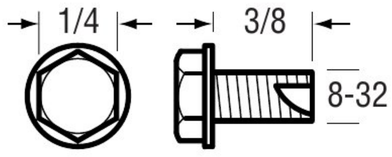
84-1221
Screw

Dim: 8-32 x 5/16 L
Features:
- Phillips pan head
- Zinc-plated



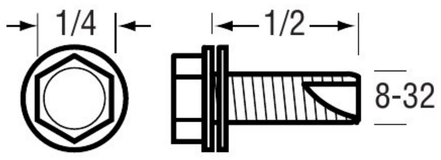
84-1234
Screw

Dim: 8-32 x 5/16 L
Features:
- Hex washer head, 1/4 drive
- Thread-forming
- Zinc-plated



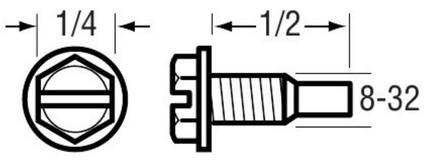
84-1218
Screw

Dim: 8-32 x 3/8 L
Features:
- Hex washer head, 1/4 drive
- Thread-cutting
- Zinc-plated



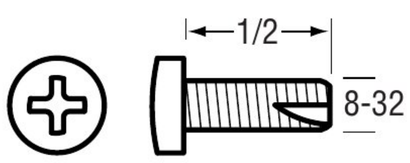
84-1207
Screw

Dim: 8-32 x 1/2 L
Features:
- Hex washer head, 1/4 drive
- Attached internal tooth lock washer
- Thread- cutting
- Zinc-yellow plated



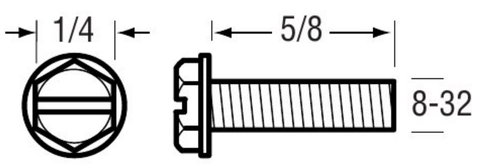
84-1214
Screw

Dim: 8-32 x 1/2 L
Features:
- Slotted hex washer head, 1/4 drive
- Dog point
- Zinc-plated



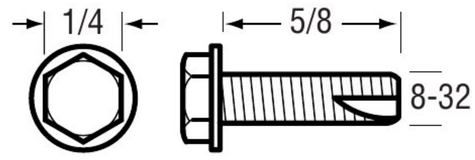
84-1215
Screw

Dim: 8-32 x 1/2 L
Features:
- Phillips pan head
- Thread-cutting
- Zinc-plated



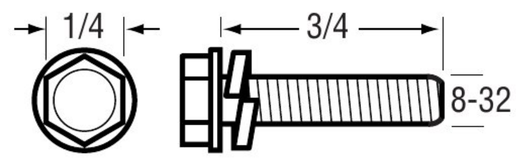
84-1209
Screw

Dim: 8-32 x 5/8 L
Features:
- Slotted hex washer head, 1/4 drive
- Zinc-plated



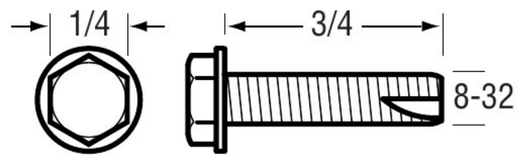
84-1222
Screw

Dim: 8-32 x 5/8 L
Features:
- Hex washer head, 1/4 drive
- Thread-cutting
- Zinc-plated



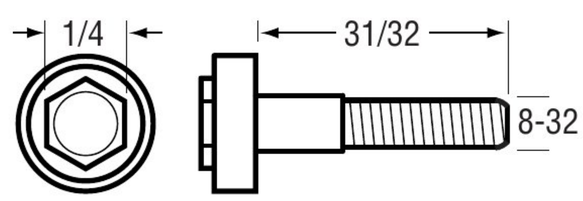
84-1208
Screw

Dim: 8-32 x 3/4 L
Features:
- Hex washer head, 1/4 drive
- Attached split lock washer
- Thread-forming
- Zinc-yellow plated



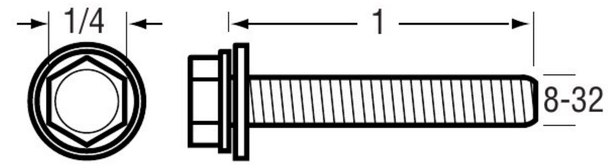
84-1217
Screw

Dim: 8-32 x 3/4 L
Features:
- Hex washer head, 1/4 drive
- Thread-cutting
- Zinc-plated



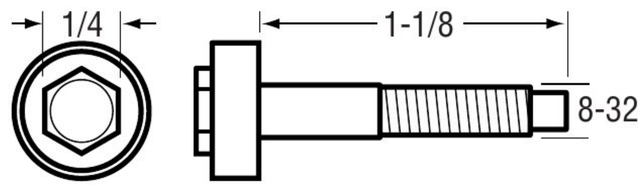
84-1226
Screw w/ Insulator

Dim: 8-32 x 31/32 L
Features:
- Hex washer head, 1/4 drive
- Attached conical washer
- Thread-forming
- Zinc-yellow plated



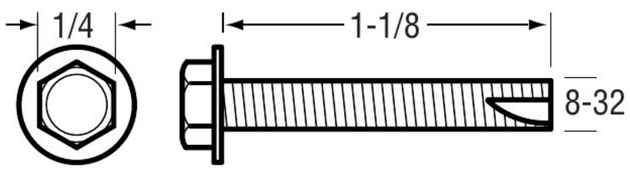
84-1225
Screw

Dim: 8-32 x 1 L
Features:
- Hex washer head, 1/4 drive
- Attached conical washer
- Thread-forming
- Zinc-yellow plated



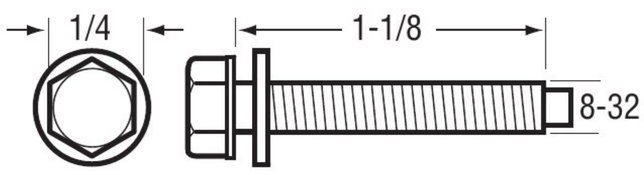
84-1202
Screw w/ Insulator

Dim: 8-32 x 1-1/8 L
Components:
42-1303 Insulator
Features:
- Hex washer head, 1/4 drive
- Dog point
- Zinc-yellow plated



84-1203
Screw

Dim: 8-32 x 1-1/8 L
Features:
- Hex washer head, 1/4 drive
- Thread- cutting
- Zinc-plated

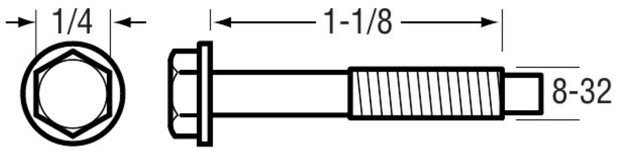


84-1212
Screw

Dim: 8-32 x 1-1/8 L
Features:
- Hex washer head, 1/4 drive
- Attached conical washer
- Dog point
- Zinc-yellow plated

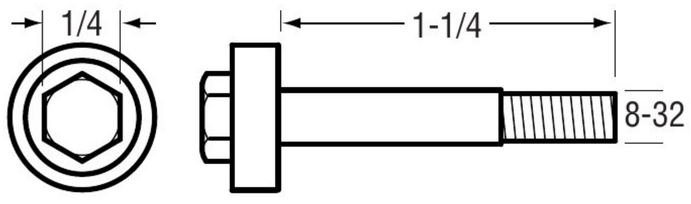
SCREWS - STANDARD

8-32 (cont'd.)



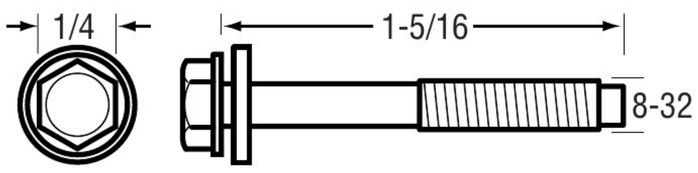
84-1213
Screw

Dim: 8-32 x 1-1/8 L
Features:
- Hex washer head, 1/4 drive
- Dog point
- Zinc-yellow plated



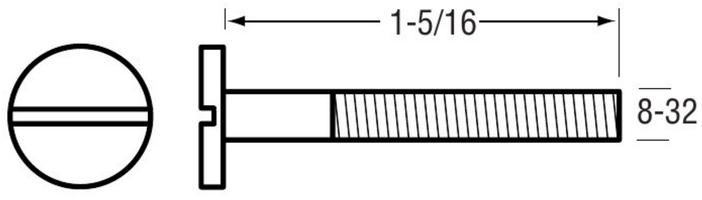
84-1205
Screw w/ Insulator

Dim: 8-32 x 1-1/4 L
Features:
- Hex washer head, 1/4 drive
- Attached conical washer
- Zinc-plated



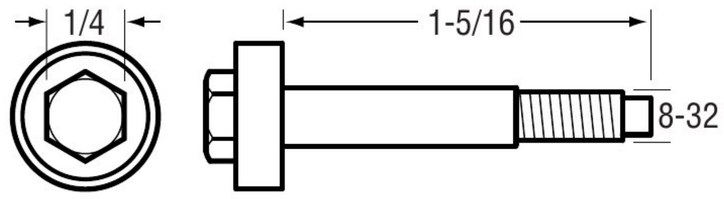
84-1204
Screw

Dim: 8-32 x 1-5/16 L
Features:
- Hex washer head, 1/4 drive
- Attached conical washer
- Thread-forming
- Dog point
- Zinc-yellow plated



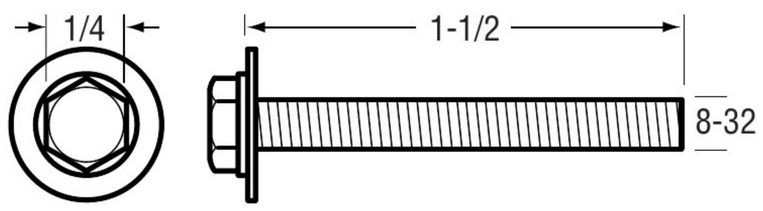
84-1206
Screw

Dim: 8-32 x 1-5/16 L
Features:
- Slotted binding head
- Zinc-plated



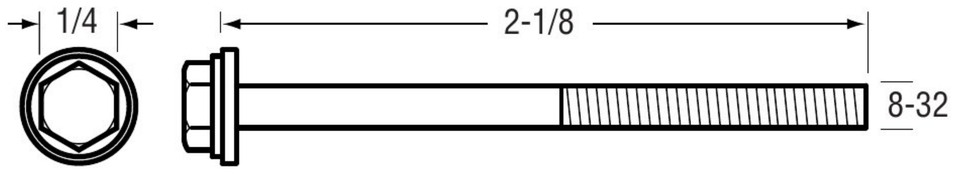
84-1239
Screw w/ Insulator

Dim: 8-32 x 1-5/16 L
Components:
84-1204 Screw
Features:
- Hex washer head, 1/4 drive
- Attached conical washer
- Thread-forming
- Dog point
- Zinc-plated



84-1233
Screw

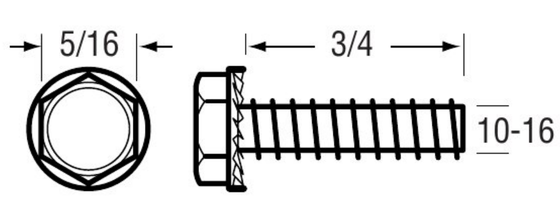
Dim: 8-32 x 1-1/2 L
Features:
- Hex washer head, 1/4 drive
- Attached flat washer
- Zinc-plated



84-1237
Screw

Dim: 8-32 x 2-1/8 L
Features:
- Hex washer head, 1/4 drive
- Attached conical washer
- Zinc-yellow plated

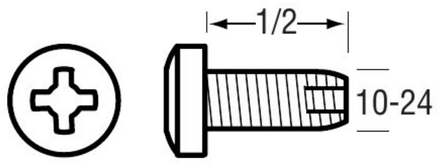
10-16



84-1310
Screw

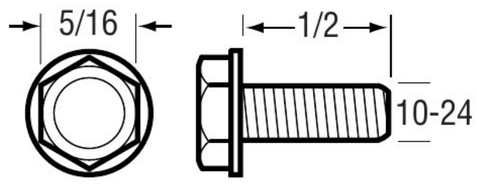
Dim: 10-16 x 3/4 L
Features:
- Hex washer head, 5/16 drive
- Serrated flange
- Zinc-plated

10-24



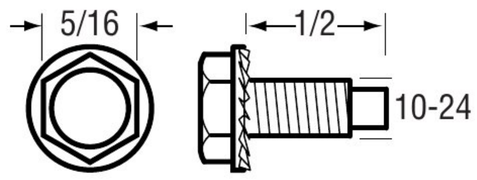
84-1316
Screw

Dim: 10-24 x 1/2 L
Features:
- Phillips pan head
- Thread-cutting
- Zinc-plated



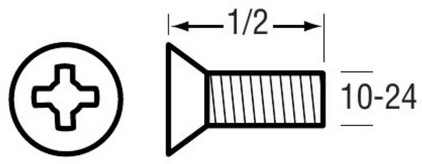
84-1317
Screw

Dim: 10-24 x 1/2 L
Features:
- Hex washer head, 5/16 drive
- Thread-forming
- Zinc-plated



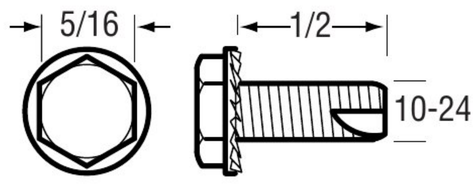
84-1319
Screw

Dim: 10-24 x 1/2 L
Features:
- Hex washer head, 5/16 drive
- Serrated flange
- Dog point
- Zinc-plated



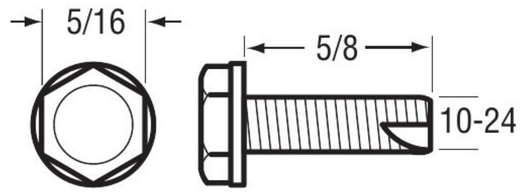
84-1351
Screw

Dim: 10-24 x 1/2 L
Features:
- Phillips flat head
- Zinc-yellow plated



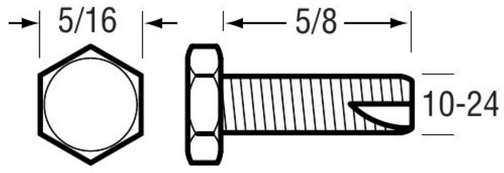
84-1358
Screw

Dim: 10-24 x 1/2 L
Features:
- Hex Washer Head, 5/16 drive
- Serrated Flange
- Thread-Cutting
- Zinc-plated



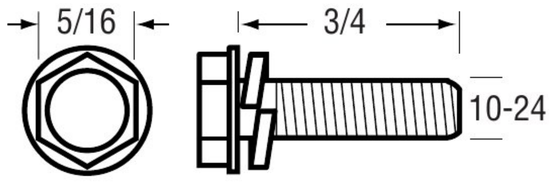
84-1323
Screw

Dim: 10-24 x 5/8 L
Features:
- Hex washer head, 5/16 drive
- Thread-cutting
- Zinc-plated



84-1366
Screw

Dim: 10-24 x 5/8 L
Features:
- Hex head, 5/16 drive
- Thread-cutting
- Plain finish

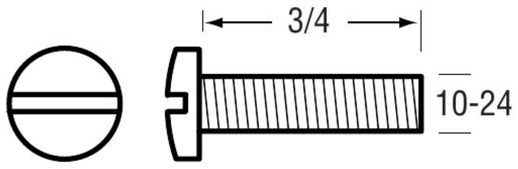


84-1313
Screw

Dim: 10-24 x 3/4 L
Features:
- Hex washer head, 5/16 drive
- Attached split lock washer
- Thread-forming
- Zinc-yellow plated

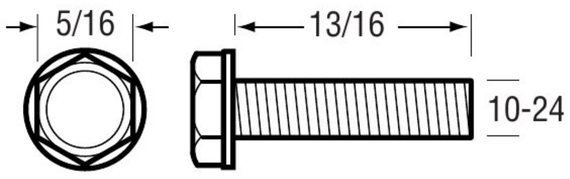
SCREWS - STANDARD

10-24 (cont'd.)



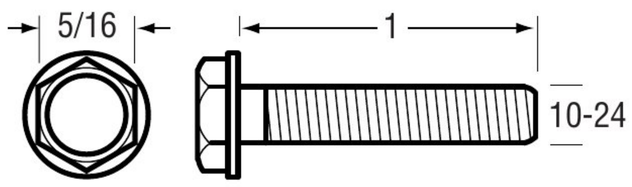
84-1318
Screw

Dim: 10-24 x 3/4 L
Features:
- Slotted pan head
- Zinc-plated



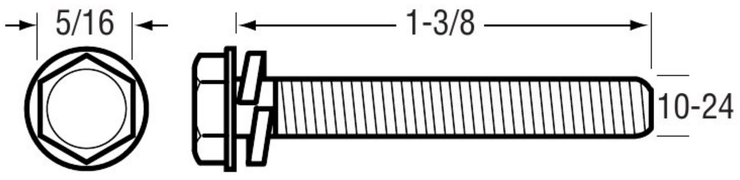
84-1339
Screw

Dim: 10-24 x 13/16 L
Features:
- Hex washer head, 5/16 drive
- Zinc-plated



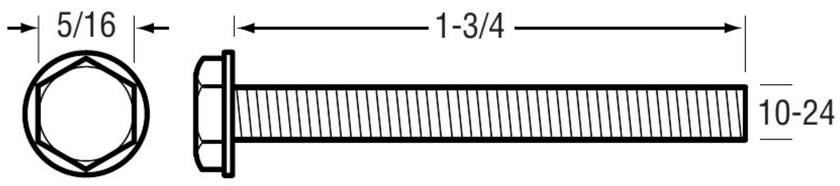
84-1324
Screw

Dim: 10-24 x 1 L
Features:
- Hex washer head, 5/16 drive
- Thread-forming
- Zinc-plated



84-1312
Screw

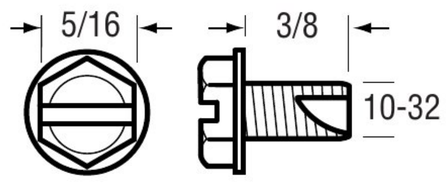
Dim: 10-24 x 1-3/8 L
Features:
- Hex washer head, 5/16 drive
- Attached split lock washer
- Thread-forming
- Zinc-yellow plated



84-1315
Screw

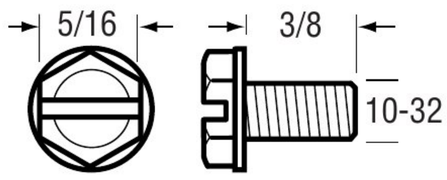
Dim: 10-24 x 1-3/4 L
Features:
- Hex washer head, 5/16 drive
- Zinc-plated

10-32



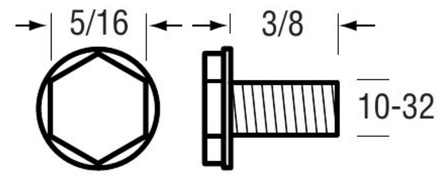
84-1325
Screw

Dim: 10-32 x 3/8 L
Features:
- Slotted hex washer head, 5/16 drive
- Thread-cutting
- Zinc-plated



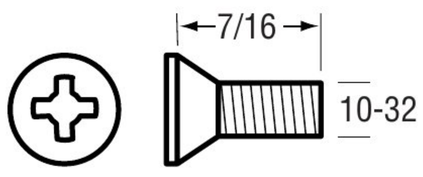
84-1331
Screw

Dim: 10-32 x 3/8 L
Features:
- Slotted hex washer head, 5/16 drive
- Zinc-plated



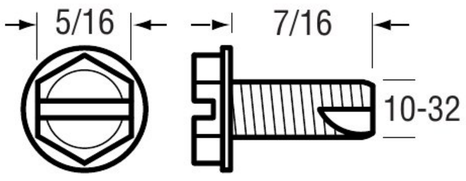
84-1332
Screw

Dim: 10-32 x 3/8 L
Features:
- Hex washer head, 5/16 drive
- Copper



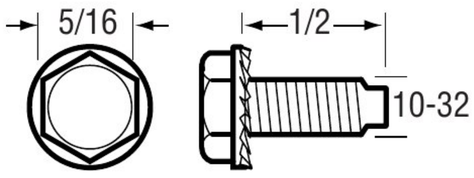
84-1328
Screw

Dim: 10-32 x 7/16 L
Features:
- Phillips flat head
- Zinc-plated



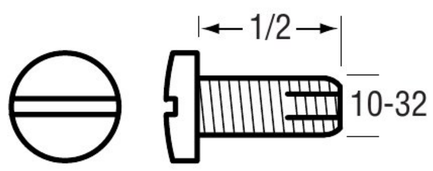
84-1359
Screw

Dim: 10-32 x 7/16 L
Features:
- Slotted Hex Washer Head, 5/16 drive
- Thread-Cutting
- Zinc-plated



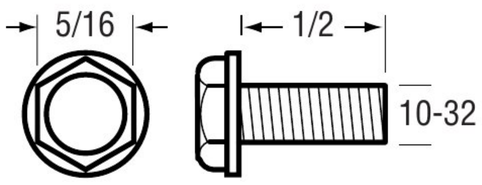
84-1300
Screw

Dim: 10-32 x 1/2 L
Features:
- Hex washer head, 5/16 drive
- Serrated flange
- Dog point
- Zinc-plated



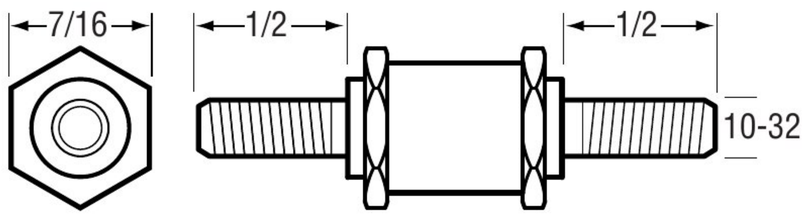
84-1338
Screw

Dim: 10-32 x 1/2 L
Features:
- Slotted pan head
- Thread-cutting
- Zinc-plated



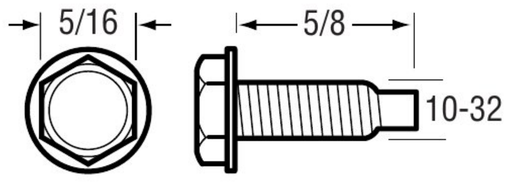
84-1362
Screw

Dim: 10-32 x 1/2 L
Features:
- Hex washer head, 5/16 drive
- Zinc-yellow plated



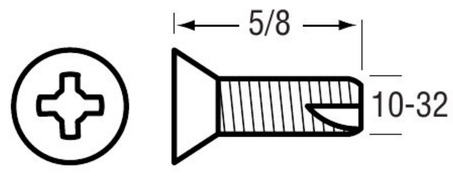
84-9301
Extended Bolt

Dim: 10-32 x 1/2 Int.
10-32 x 1/2 Ext.
Features:
- Brass
- w/ insulator



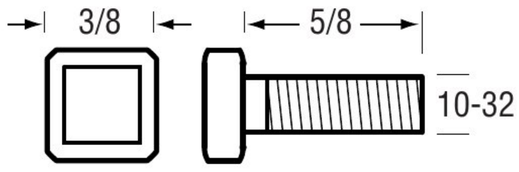
84-1327
Screw

Dim: 10-32 x 5/8 L
Features:
- Hex washer head, 5/16 drive
- Dog point
- Zinc-yellow plated



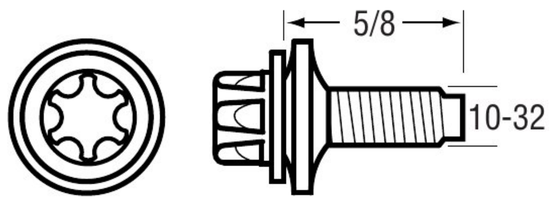
84-1335
Screw

Dim: 10-32 x 5/8 L
Features:
- Phillips flat head
- Thread-cutting
- Zinc-plated



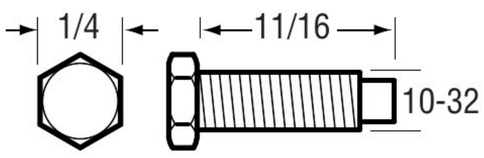
84-9300
Stud

Dim: 10-32 x 5/8 L
Features:
- Square head, 3/8 drive
- Zinc-plated



84-9303
Screw

Dim: 10-32 x 5/8 L
Features:
- External torx head, E8 drive
- Attached conical washer w/ seal
- Dog point
- Zinc-yellow plated

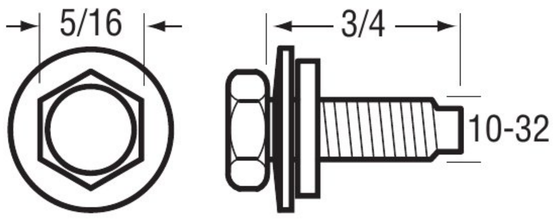


84-1353
Screw

Dim: 10-32 x 11/16 L
Features:
- Hex head, 1/4 drive
- Dog point
- Zinc-yellow plated

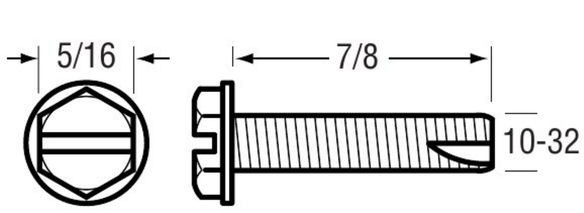
SCREWS - STANDARD

10-32 (cont'd.)



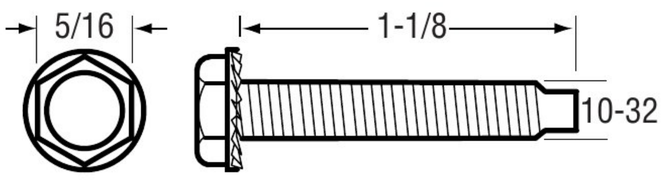
84-9302
Screw

Dim: 10-32 x 3/4 L
Features:
- Hex head, 5/16 drive
- Attached conical washer w/ seal
- Dog point
- Zinc-yellow plated



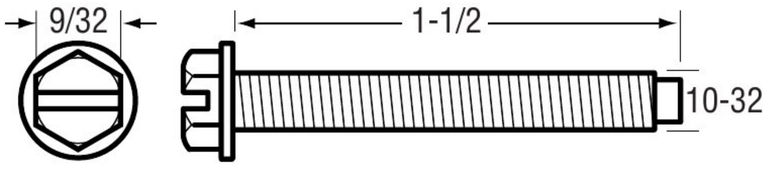
84-1330
Screw

Dim: 10-32 x 7/8 L
Features:
- Slotted hex washer head, 5/16 drive
- Thread-cutting
- Zinc-plated



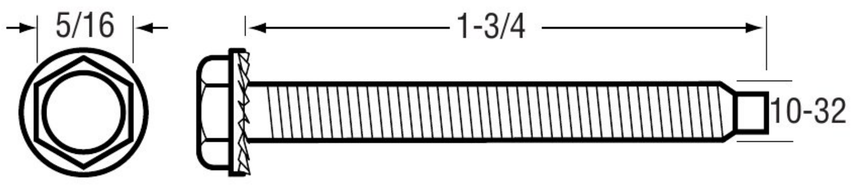
84-1356
Screw

Dim: 10-32 x 1-1/8 L
Features:
- Hex washer head, 5/16 drive
- Serrated flange
- Dog point
- Zinc-plated



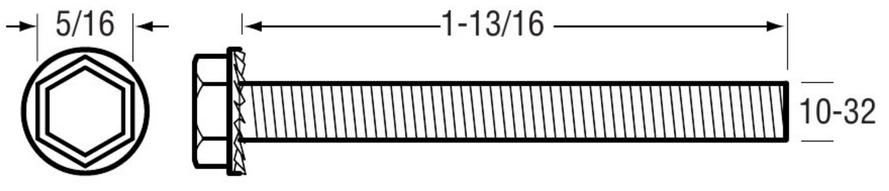
84-1314
Screw

Dim: 10-32 x 1-1/2 L
Features:
- Slotted hex washer head, 9/32 drive
- Dog point
- Zinc-plated



84-1357
Screw

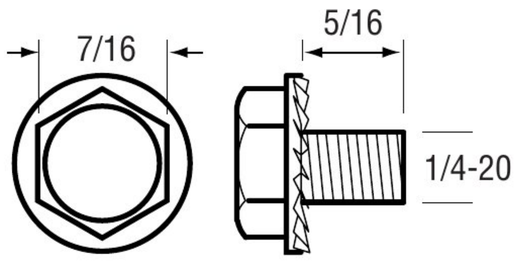
Dim: 10-32 x 1-3/4 L
Features:
- Hex washer head, 5/16 drive
- Serrated flange
- Dog Point
- Zinc-plated



84-1367
Screw

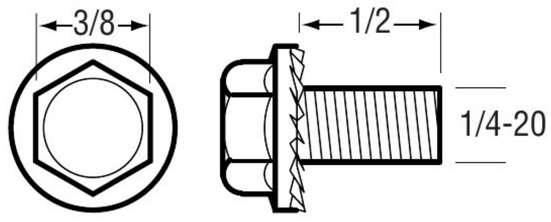
Dim: 10-32 x 1-13/16 L
Features:
- Hex washer head, 5/16 drive
- Serrated flange
- Zinc-plated

1/4-20



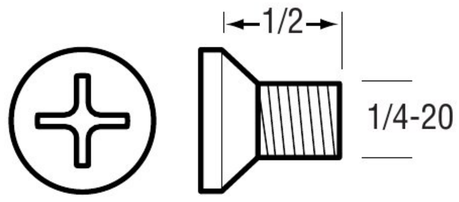
84-1411
Screw

Dim: 1/4-20 x 5/16 L
Features:
- Hex washer head, 7/16 drive
- Serrated flange
- Zinc-yellow plated



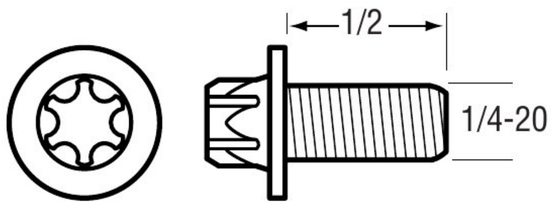
84-1402
Screw

Dim: 1/4-20 x 1/2 L
Features:
- Hex washer head, 3/8 drive
- Serrated flange
- Zinc-yellow plated



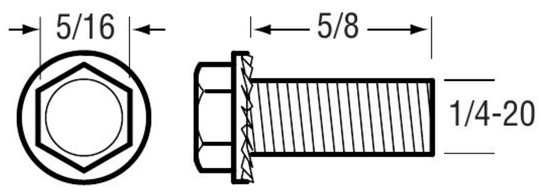
84-1427
Screw

Dim: 1/4-20 x 1/2 L
Features:
- Phillips flat head
- Zinc-plated



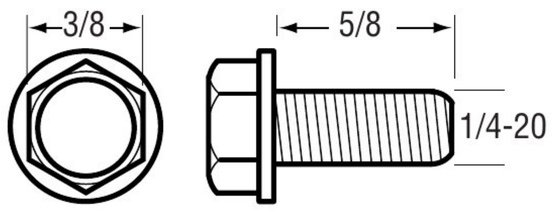
84-1434
Screw

Dim: 1/4-20 x 1/2 L
Features:
- External torx head, E8 drive
- Chamfered point
- Zinc-yellow plated



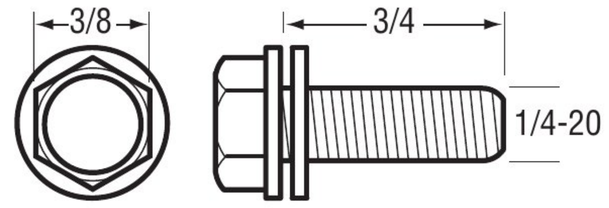
84-1410
Screw

Dim: 1/4-20 x 5/8 L
Features:
- Hex washer head, 5/16 drive
- Serrated flange
- Zinc-plated



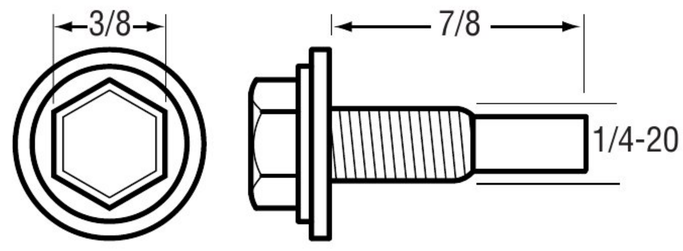
84-1409
Screw

Dim: 1/4-20 x 5/8 L
Features:
- Hex washer head, 3/8 drive
- Thread-forming
- Zinc-plated



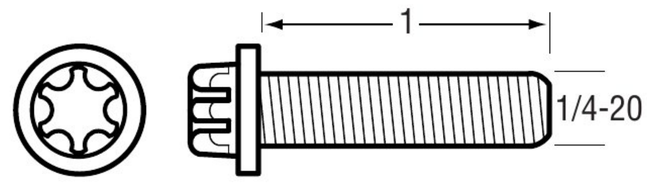
84-1409-1
Screw

Dim: 1/4-20 x 3/4 L
Features:
- Hex washer head, 3/8 drive
- Attached flat washer
- Plain finish



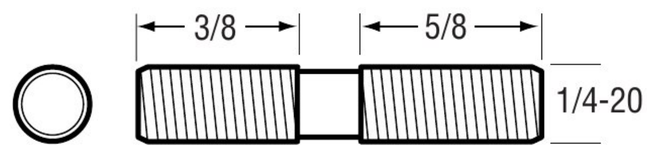
84-1418
Screw

Dim: 1/4-20 x 7/8 L
Features:
- Hex washer head, 3/8 drive
- Attached flat washer
- Dog point
- Black oxide finish



84-1441
Screw

Dim: 1/4-20 x 1 L
Features:
- External torx head, E8 drive
- Thread-forming
- Black oxide finish

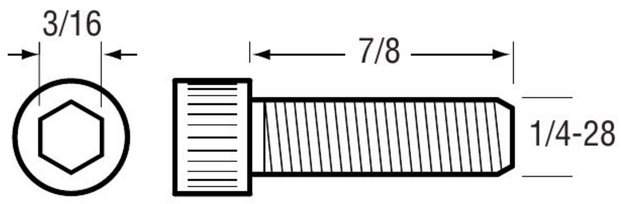


84-9400
Stud

Dim: 1/4-20 x 3/8 L Int.
1/4-20 x 5/8 L Ext.
Features:
- Zinc-yellow plated

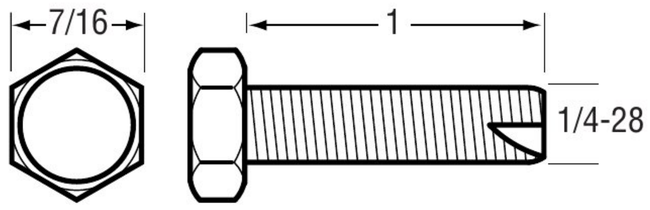
SCREWS - STANDARD

1/4-28



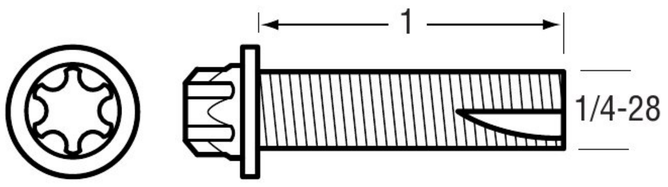
84-1420
Screw

Dim: 1/4-28 x 7/8 L
Features:
- Socket head, 3/16 drive
- Chamfered point
- Black oxide finish



84-1419
Screw

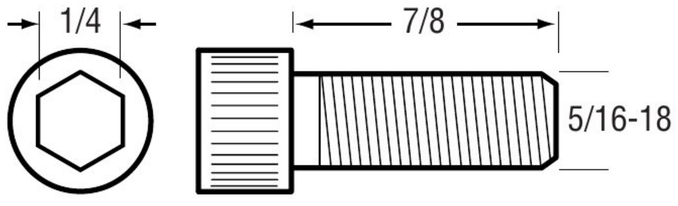
Dim: 1/4-28 x 1 L
Features:
- Hex head, 7/16 drive
- Thread-cutting
- Zinc-yellow plated



84-1433
Screw

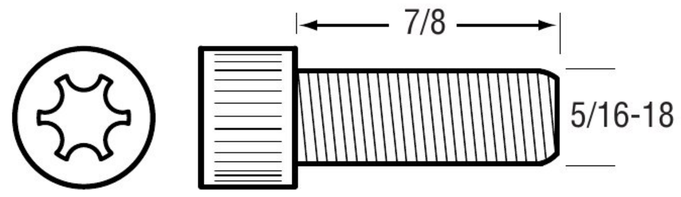
Dim: 1/4-28 x 1 L
Features:
- External torx head, E8 drive
- Thread-cutting
- Black oxide finish

5/16-18



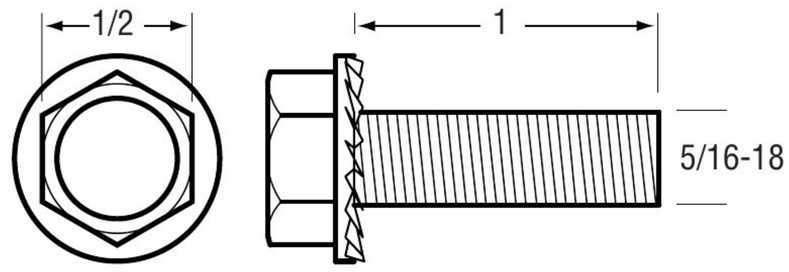
84-1425
Screw

Dim: 5/16-18 x 7/8 L
Features:
- Socket head, 1/4 drive
- Chamfered point
- Black oxide finish



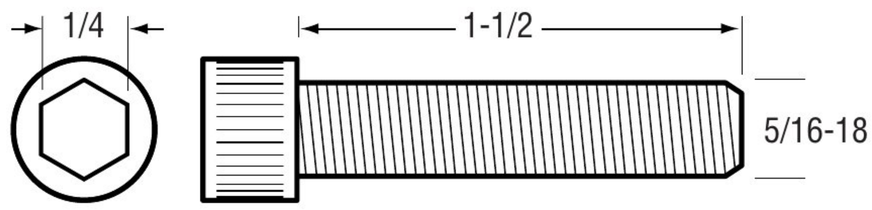
84-1435
Screw

Dim: 5/16-18 x 7/8 L
Features:
- Internal torx head, T45 drive
- Black oxide finish



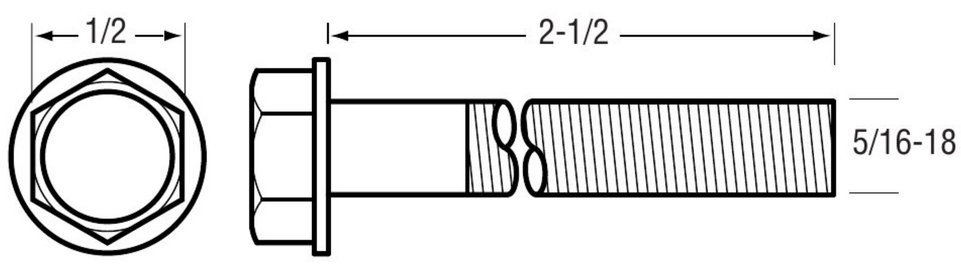
84-1408
Screw

Dim: 5/16-18 x 1 L
Features:
- Hex washer head, 1/2 drive
- Serrated flange
- Zinc-yellow plated



84-1421
Screw

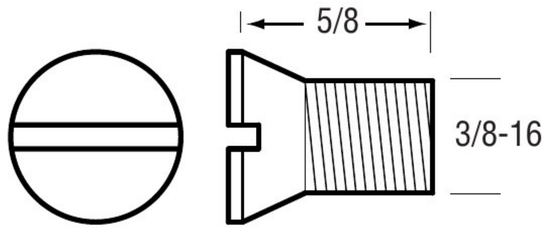
Dim: 5/16-18 x 1-1/2 L
Features:
- Socket head, 1/4 drive
- Chamfered point
- Black oxide finish



84-1423
Screw

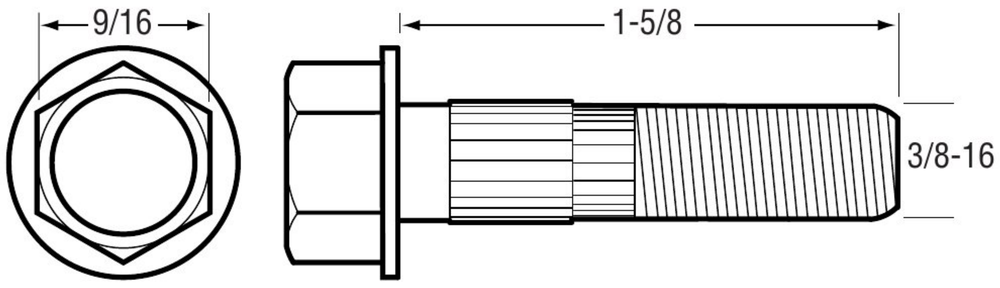
Dim: 5/16-18 x 2-1/2 L
Features:
- Hex washer head, 1/2 drive
- Zinc-yellow plated

3/8-16



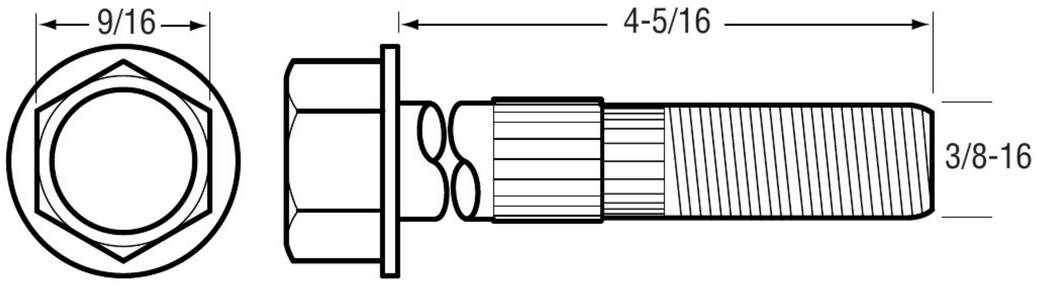
84-1500
Screw

Dim: 3/8-16 x 5/8 L
Features:
- Slotted flat head
- Black oxide finish



84-1506
Bolt

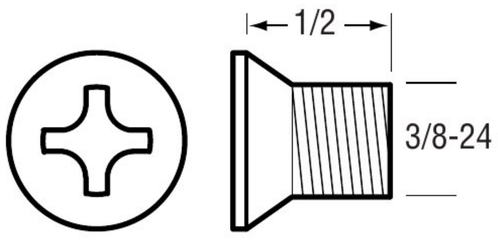
Dim: 3/8-16 x 1-5/8 L, w/ 10mm Shank
Features:
- Hex washer head, 9/16 drive
- Grade 8
- Chamfered point
- Zinc-plated



84-1507
Bolt

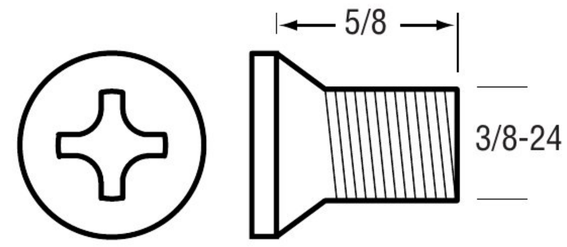
Dim: 3/8-16 x 4-5/16 L, w/ 10mm Shank
Features:
- Hex washer head, 9/16 drive
- Grade 8
- Chamfered point
- Zinc-plated

3/8-24



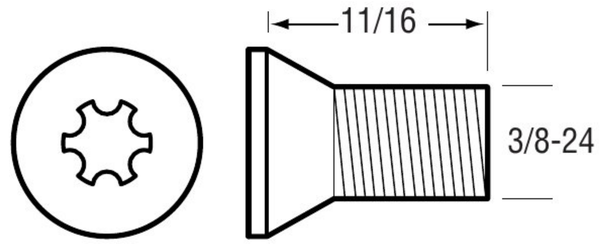
84-1501
Screw

Dim: 3/8-24 x 1/2 L
Features:
- Phillips flat head
- Plain finish



84-1502
Screw

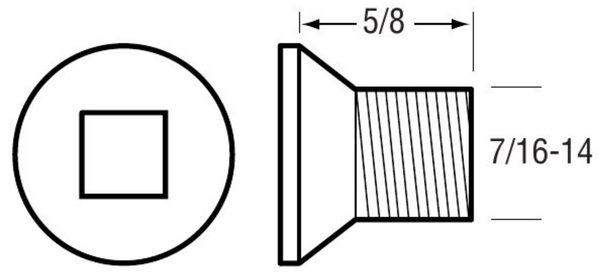
Dim: 3/8-24 x 5/8 L
Features:
- Phillips flat head
- Zinc-yellow plated



84-1504
Screw

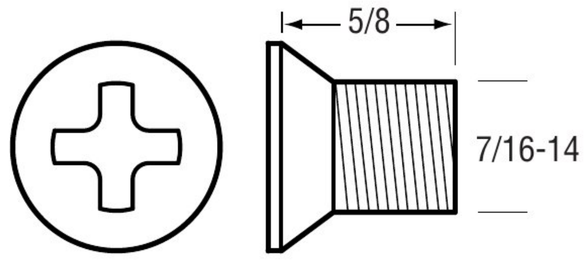
Dim: 3/8-24 x 11/16 L
Features:
- Internal torx flat head, T40 drive
- Zinc-yellow plated

7/16-14



84-1503
Screw

Dim: 7/16-14 x 5/8 L
Features:
- Square drive flat head
- Black oxide finish



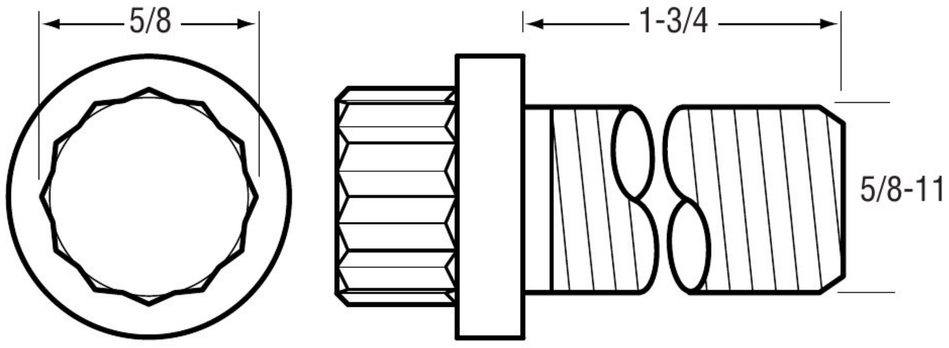
84-1503-1
Screw

Dim: 7/16-14 x 5/8 L
Features:
- Phillips flat head
- Zinc-yellow plated

HARDWARE (84-, 85-)

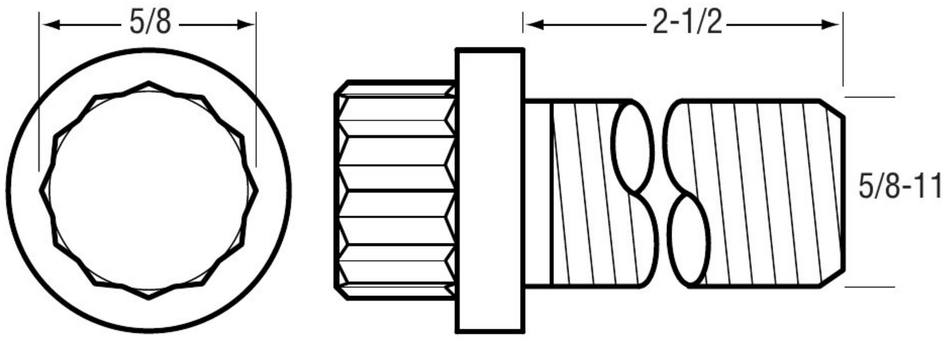
SCREWS - STANDARD

5/8-11



84-1600
Bolt

Dim: 5/8-11 x 1-3/4 L
Features:
- 12-point head, 5/8 drive
- Chamfered point
- Black oxide finish

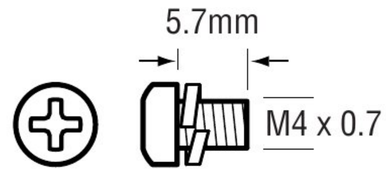


84-1601
Bolt

Dim: 5/8-11 x 2-1/2 L
Features:
- 12-point head, 5/8 drive
- Chamfered point
- Black oxide finish

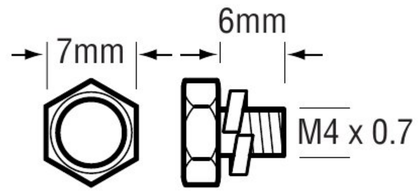
SCREWS - METRIC

M4 x 0.7



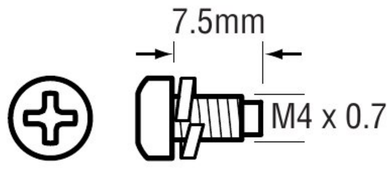
85-1205
Screw

Dim: M4 x 0.7 x 5.7mm L
Features:
- Phillips pan head
- Attached split lock washer
- Zinc-yellow plated



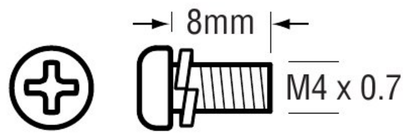
85-1213
Screw

Dim: M4 x 0.7 x 6mm L
Features:
- Hex head, 7mm drive
- Attached split lock washer
- Zinc-plated



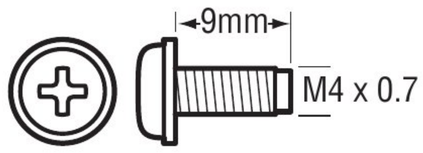
85-1205-1
Screw

Dim: M4 x 0.7 x 7.5mm L
Features:
- Phillips pan head
- Attached split lock washer
- Dog point
- Zinc-plated



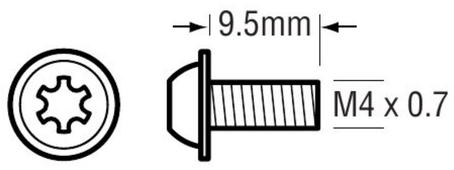
85-1209
Screw

Dim: M4 x 0.7 x 8mm L
Features:
- Phillips pan head
- Attached split lock washer
- Zinc-plated



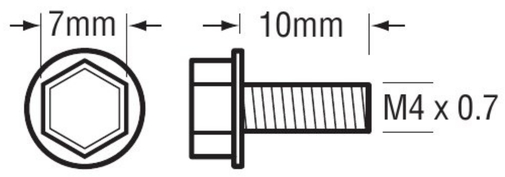
85-1225
Screw

Dim: M4 x 0.7 x 9mm L
Features:
- Phillips pan head
- Zinc-plated



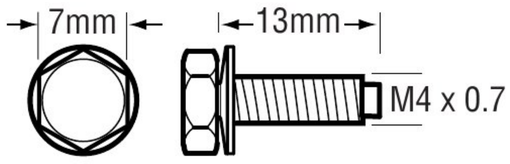
85-1206
Screw

Dim: M4 x 0.7 x 9.5mm L
Features:
- Internal torx head, T20 drive
- Thread-forming
- Zinc-plated



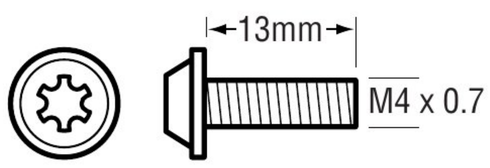
85-1204
Screw

Dim: M4 x 0.7 x 10mm L
Features:
- Hex washer head, 7mm drive
- Zinc-plated



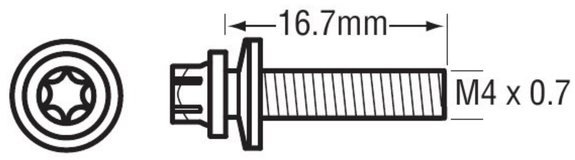
85-1201
Screw

Dim: M4 x 0.7 x 13mm L
Features:
- Hex head, 7mm drive
- Attached conical washer
- Dog Point
- Zinc-plated



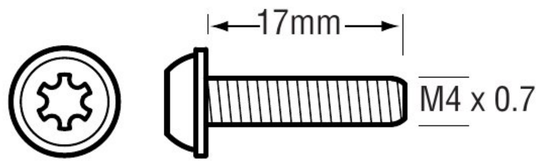
85-1217
Screw

Dim: M4 x 0.7 x 13mm L
Features:
- Internal torx head, T20 drive
- Thread-forming
- Zinc-black finish



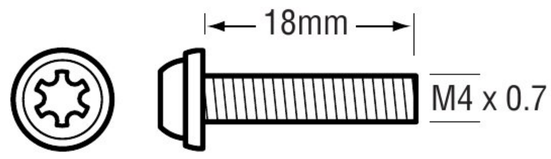
85-1220
Screw

Dim: M4 x 0.7 x 16.7mm L
Features:
- External torx head, E5 drive
- Attached conical washer
- Thread-forming



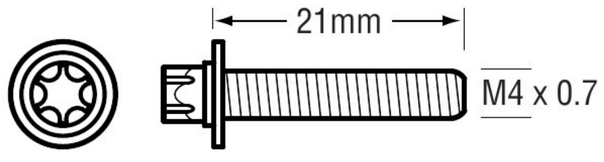
85-1202
Screw

Dim: M4 x 0.7 x 17mm L
Features:
- Internal torx head, T20 drive
- Thread-forming
- Zinc-plated



85-1215
Screw

Dim: M4 x 0.7 x 18 mm L
Features:
- Internal torx head, T20 drive
- Zinc-plated

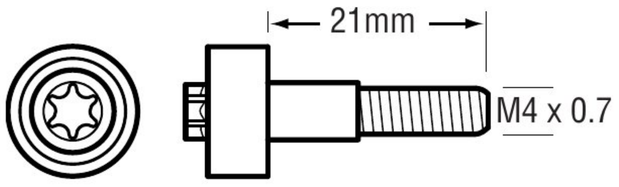


85-1200
Screw

Dim: M4 x 0.7 x 21mm L
Features:
- External torx head, E5 drive
- Attached flat washer
- Thread-forming
- Zinc-plated

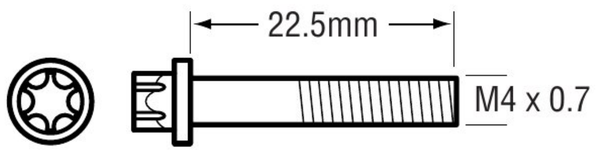
SCREWS - METRIC

M4 x 0.7 (cont'd.)



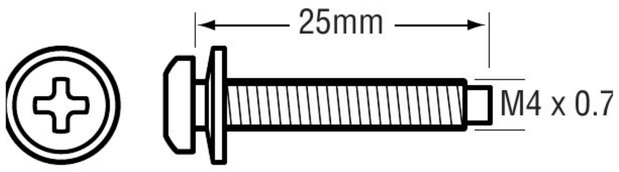
85-1214
Screw w/ Insulator

Dim: M4 x 0.7 x 21mm L
Components:
42-1316 Insulator
85-1200 Screw
Features:
- External torx head, E5 drive
- Attached conical washer
- Thread-forming
- Zinc-plated



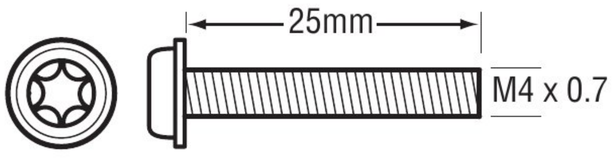
85-1216
Screw

Dim: M4 x 0.7 x 22.5mm L
Features:
- External torx head, E5 drive
- Thread-forming
- Zinc-yellow plated



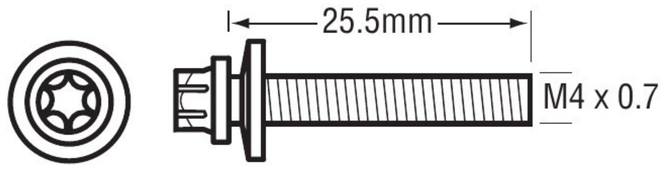
85-1210
Screw

Dim: M4 x 0.7 x 25mm L
Features:
- Phillips pan head
- Attached conical washer
- Dog point
- Zinc-plated



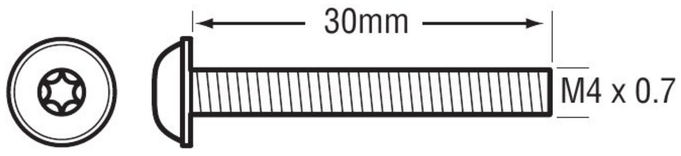
85-1223
Screw

Dim: M4 x 0.7 x 25mm L
Features:
- Internal torx head, T20 drive
- Thread-forming
- Zinc-plated



85-1219
Screw - Brush Holder, Rectifier

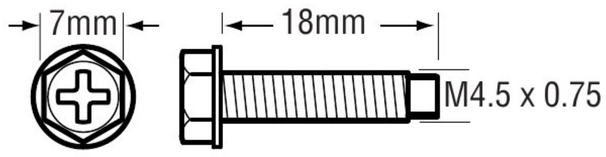
Dim: M4 x 0.7 x 25.5mm L
Features:
- External torx head, E5 drive
- Chamfer point
- Zinc-plated



85-1224
Screw

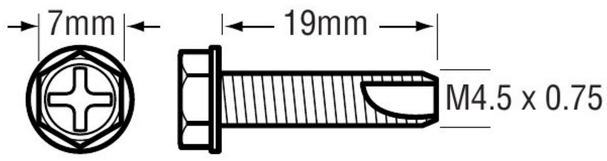
Dim: M4 x 0.7 x 30mm L
Features:
- Internal torx head, T20 drive
- Thread-forming
- Zinc-plated

M4.5 x 0.75



85-1208
Screw

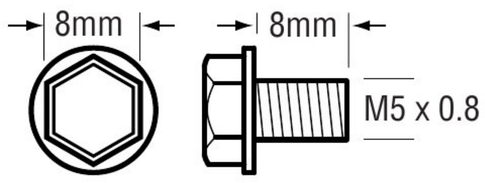
Dim: M4.5 x 0.75 x 18mm L
Features:
- Phillips hex washer head, 7mm drive
- Dog point
- Zinc-yellow plated



85-1208-1
Screw

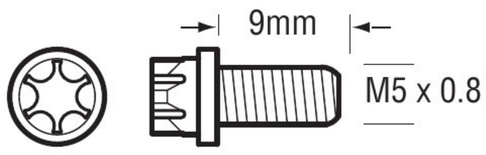
Dim: M4.5 x 0.75 x 19mm L
Features:
- Phillips hex washer head, 7mm drive
- Thread-cutting
- Zinc-plated

M5 x 0.8



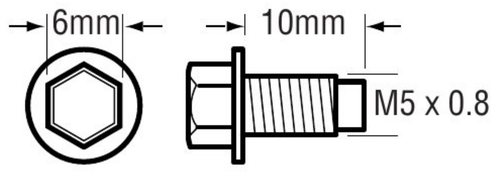
85-1316
Screw

Dim: M5 x 0.8 x 8mm L
Features:
- Hex washer head, 8mm drive
- Zinc-plated



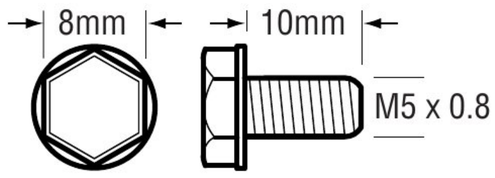
85-1365
Screw

Dim: M5 x 0.8 x 9mm L
Features:
- External torx head, E6 drive
- Zinc-yellow plated



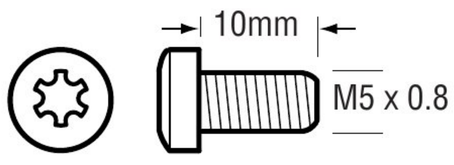
85-1320-1
Screw

Dim: M5 x 0.8 x 10mm L
Features:
- Hex washer head, 6mm drive
- Dog point
- Black oxide finish



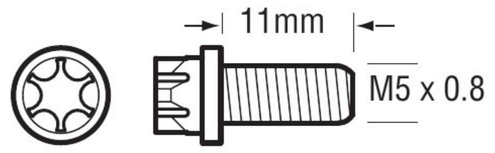
85-1326
Screw

Dim: M5 x 0.8 x 10mm L
Features:
- Hex washer head, 8mm drive
- Thread-forming
- Zinc-yellow plated



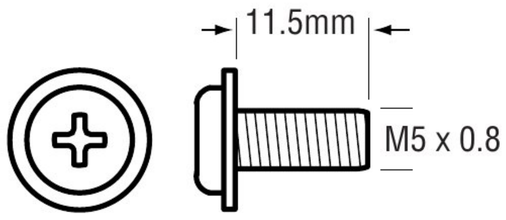
85-1346
Screw

Dim: M5 x 0.8 x 10mm L
Features:
- Internal torx head, T20 drive
- Thread-forming
- Zinc-yellow plated



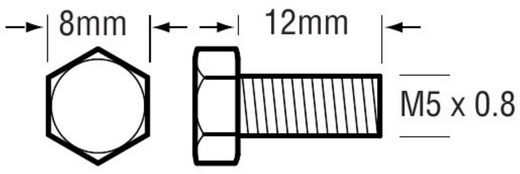
85-1340
Screw

Dim: M5 x 0.8 x 11mm L
Features:
- External torx head, E6 drive
- Thread-forming
- Zinc-yellow plated



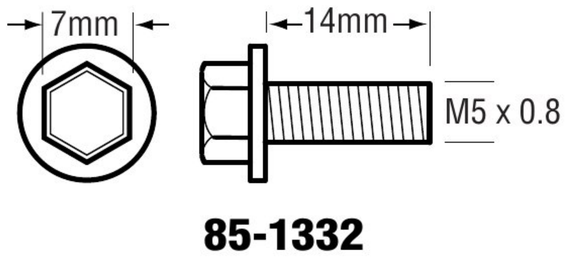
85-1347
Screw - Brush Holder

Dim: M5 x 0.8 x 11.5mm L
Features:
- Phillips pan head
- Chamfered point
- Zinc-yellow plated steel



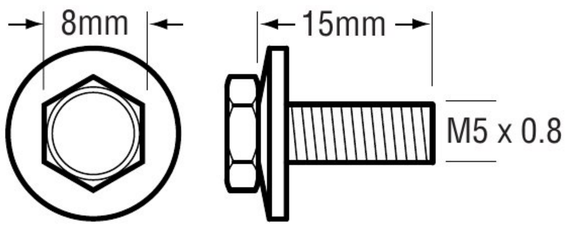
85-1309
Screw

Dim: M5 x 0.8 x 12mm L
Features:
- Hex head, 8mm drive
- Black oxide finish



85-1332
Screw - Brush Holder

Dim: M5 x 0.8 x 14mm L
Features:
- Hex washer head, 7mm drive
- Zinc-yellow plated



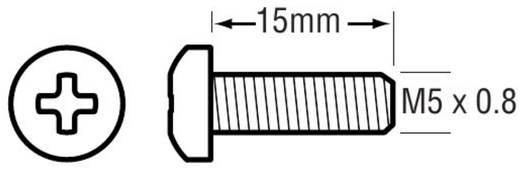
85-1312
Screw

Dim: M5 x 0.8 x 15mm L
Features:
- Hex head, 8mm drive
- Attached conical washer
- Black oxide finish

HARDWARE (84-, 85-)

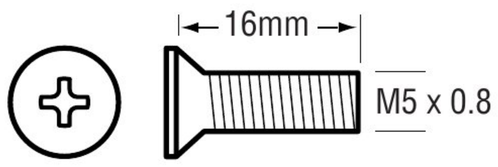
SCREWS - METRIC

M5 x 0.8 (cont'd.)



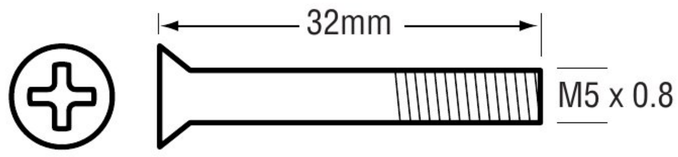
85-1349
Screw

Dim: M5 x 0.8 x 15mm L
Features:
- Phillips pan head
- Chamfered point
- Zinc-yellow plated



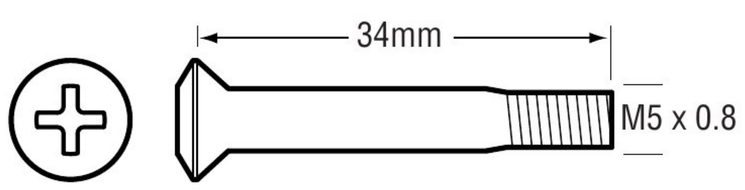
85-1310
Screw

Dim: M5 x 0.8 x 16mm L
Features:
- Phillips flat head
- Zinc-plated



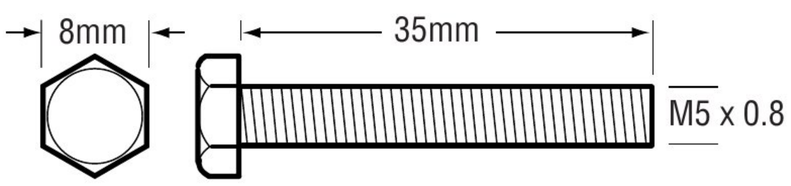
85-1334
Screw

Dim: M5 x 0.8 x 32mm L
Features:
- Phillips flat head
- Black oxide finish



85-1313
Screw

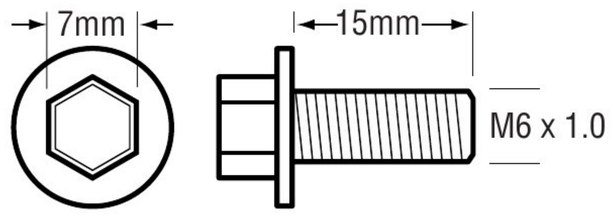
Dim: M5 x 0.8 x 34mm L
Features:
- Phillips oval head
- Black oxide finish



85-1308
Screw

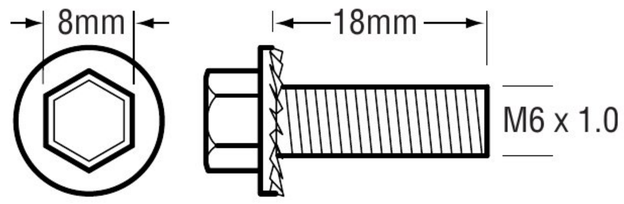
Dim: M5 x 0.8 x 35mm L
Features:
- Hex head, 8mm drive
- Black oxide finish

M6 x 1.0



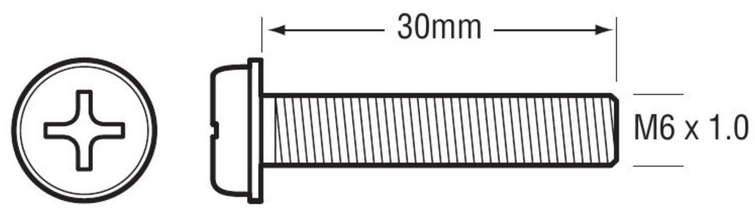
85-1337
Screw

Dim: M6 x 1.0 x 15mm L
Features:
- Hex washer head, 7mm drive
- Zinc-yellow plated



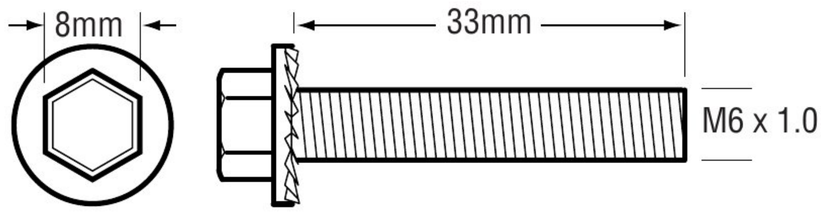
85-1331
Screw

Dim: M6 x 1.0 x 18mm L
Features:
- Hex washer head, 8mm drive
- Serrated flange
- Zinc-yellow plated



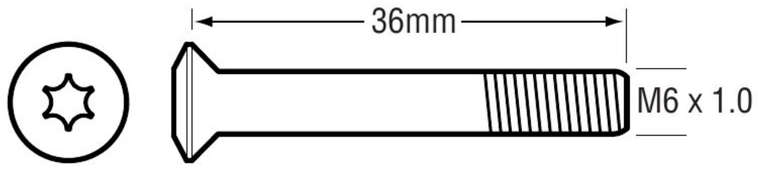
85-1368
Screw

Dim: M6 x 1.0 x 30mm L
Features:
- Phillips pan head
- Zinc plated



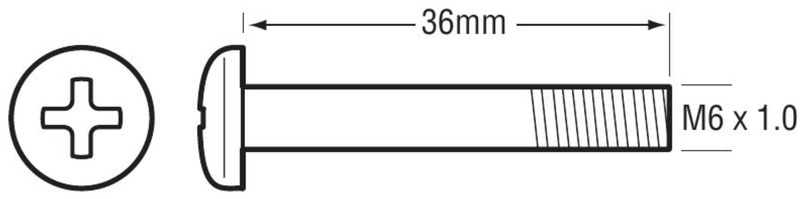
85-1329
Screw

Dim: M6 x 1.0 x 33mm L
Features:
- Hex washer head, 8mm drive
- Serrated flange
- Zinc-yellow plated



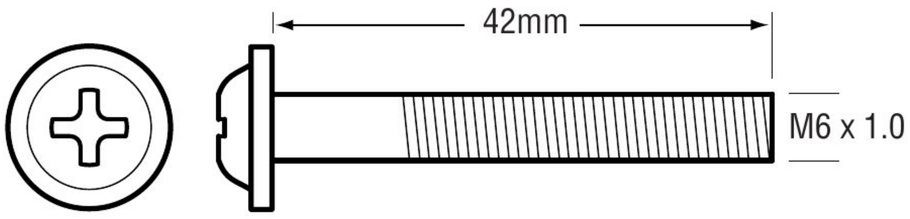
85-1319
Screw

Dim: M6 x 1.0 x 36mm L
Features:
- Internal torx oval head, T25 drive
- Chamfered point
- Zinc-plated



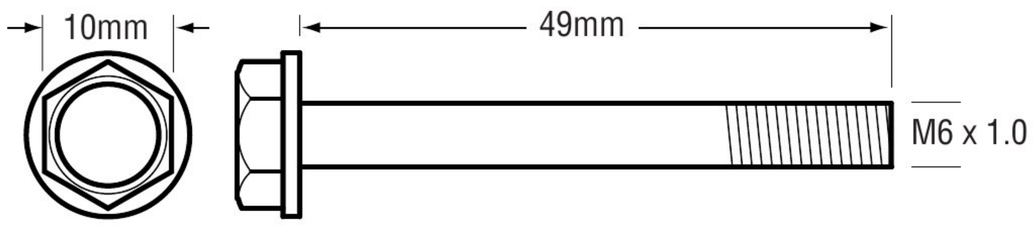
85-1359
Screw

Dim: M6 x 1.0 x 36mm L
Features:
- Phillips pan head
- Chamfered point
- Zinc-yellow plated steel



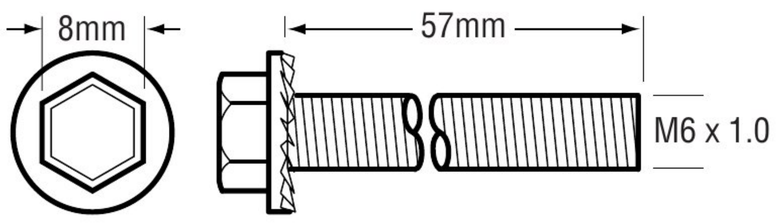
85-1336
Screw

Dim: M6 x 1.0 x 42mm L
Features:
- Phillips washer head
- Zinc-yellow plated



85-1327
Screw

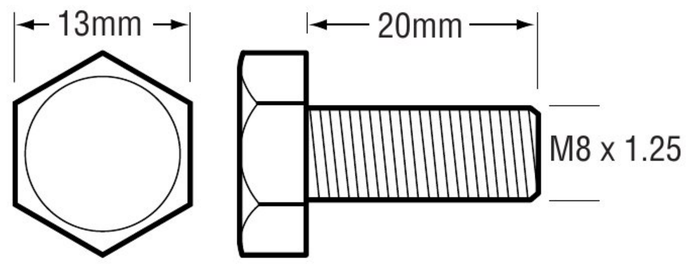
Dim: M6 x 1.0 x 49mm L
Features:
- Hex washer head, 10mm drive
- Zinc-yellow plated



85-1330
Screw

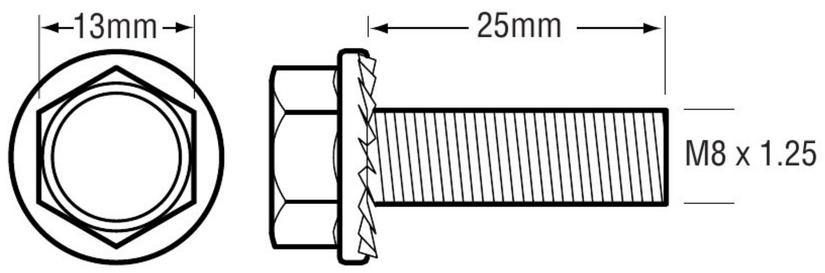
Dim: M6 x 1.0 x 57mm L
Features:
- Hex washer head, 8mm drive
- Serrated flange
- Zinc-yellow plated

M8 x 1.25



85-1402
Bolt

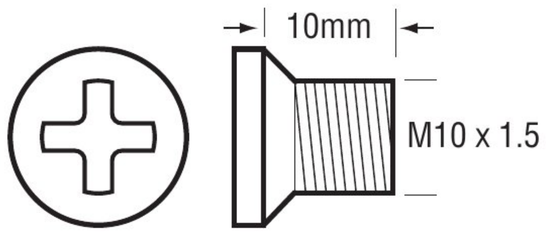
Dim: M8 x 1.25 x 20mm L
Features:
- Hex head, 13mm drive
- Black oxide finish



85-1401
Bolt

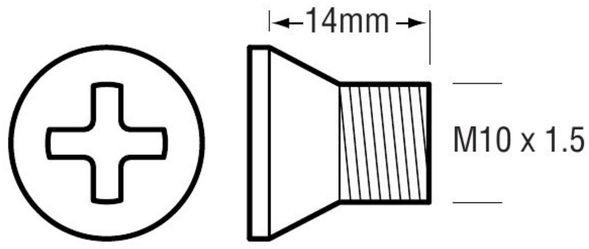
Dim: M8 x 1.25 x 25mm L
Features:
- Hex washer head, 13mm drive
- Serrated flange
- Zinc-plated

M10 x 1.5



85-1506
Screw

Dim: M10 x 1.5 x 10mm L
Features:
- Phillips flat head
- Zinc-yellow plating



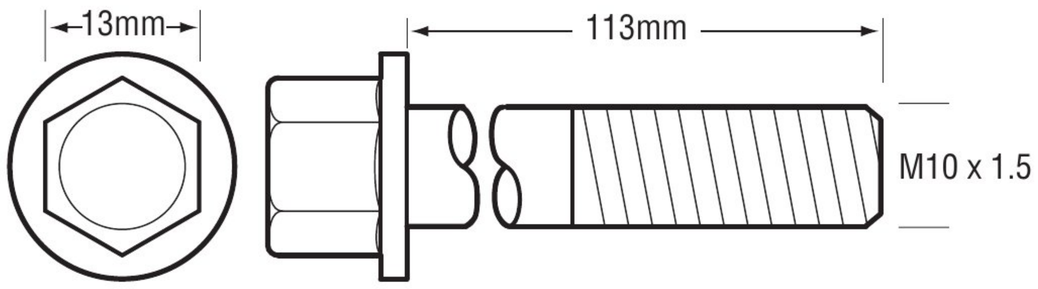
85-1504
Screw

Dim: M10 x 1.5 x 14mm L
Features:
- Phillips flat head
- Zinc-yellow plated

HARDWARE (84-, 85-)

SCREWS - METRIC

M10 x 1.5 (cont'd.)

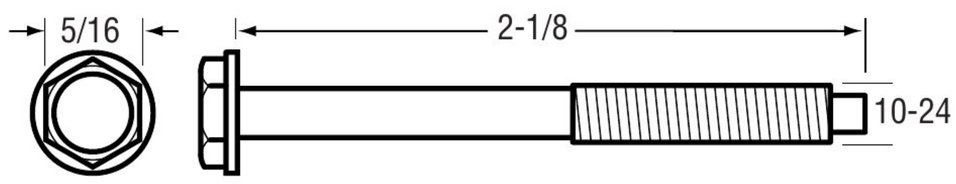


85-1507
Bolt - D.E. Mounting

Dim: M10 x 1.5 x 113mm L
Features:
- Hex washer head, 13mm drive
- Chamfered point
- Zinc plated

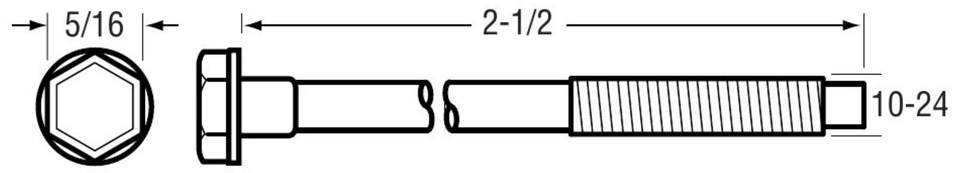
THRU BOLTS - STANDARD

10-24



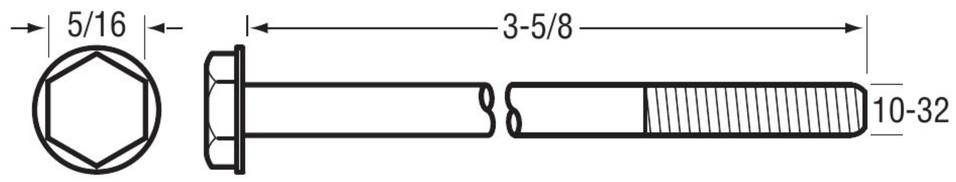
84-1307
Thru Bolt

Dim: 10-24 x 2-1/8 L
Features:
- Hex washer head, 5/16 drive
- Dog point
- Zinc-plated



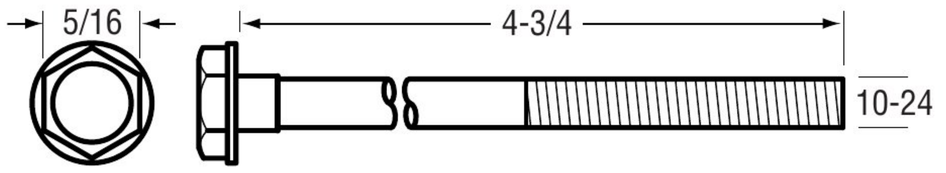
84-1304
Thru Bolt

Dim: 10-24 x 2-1/2 L
Features:
- Hex washer head, 5/16 drive
- Dog point
- Zinc-plated



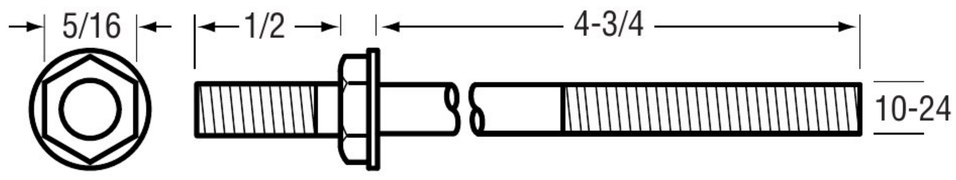
84-1305
Thru Bolt

Dim: 10-24 x 3-5/8 L
Features:
- Hex washer head, 5/16 drive
- Zinc-yellow plated



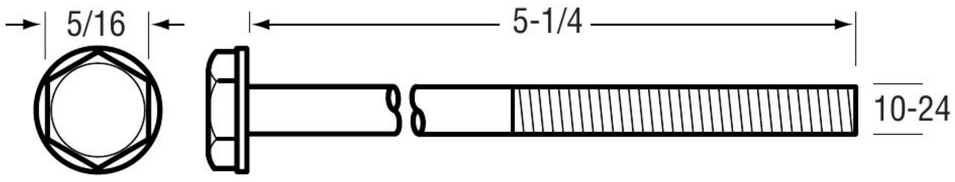
84-1340
Thru Bolt

Dim: 10-24 x 4-3/4 L
Features:
- Hex washer head, 5/16 drive
- Plain finish



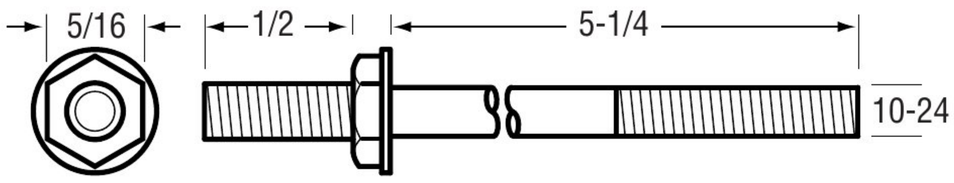
84-1341
Thru Bolt w/ Extension

Dim: 10-24 x 4-3/4 L
10-24 x 1/2 L Ext.
Features:
- Hex washer head, 5/16 drive
- Plain finish



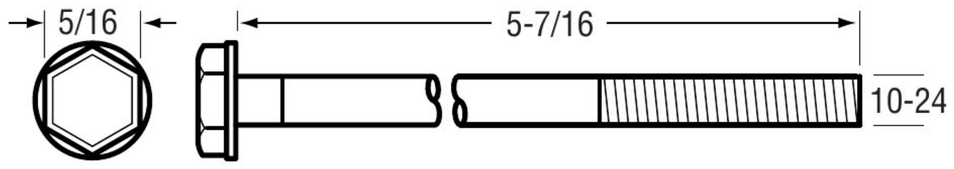
84-1342
Thru Bolt

Dim: 10-24 x 5-1/4 L
Features:
- Hex washer head, 5/16 drive
- Plain finish



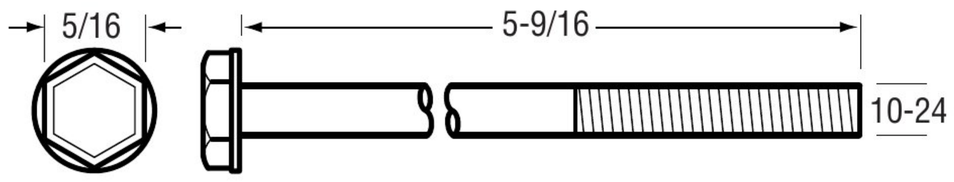
84-1343
Thru Bolt w/ Extension

Dim: 10-24 x 5-1/4 L
10-24 x 1/2 L Ext.
Features:
- Hex washer head, 5/16 drive
- Plain finish



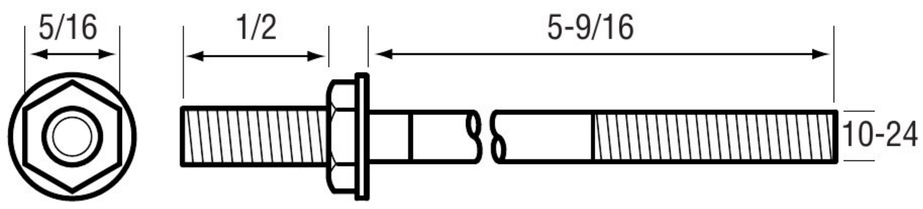
84-1350
Thru Bolt

Dim: 10-24 x 5-7/16 L
Features:
- Hex washer head, 5/16 drive
- Plain finish



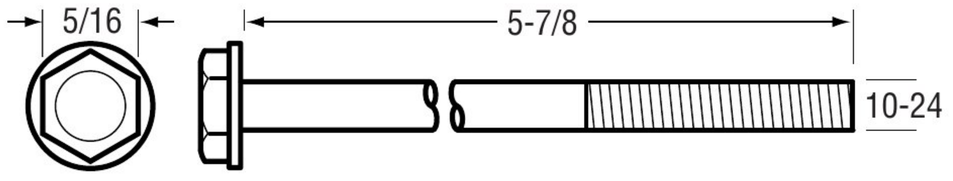
84-1344
Thru Bolt

Dim: 10-24 x 5-9/16 L
Features:
- Hex washer head, 5/16 drive
- Plain finish



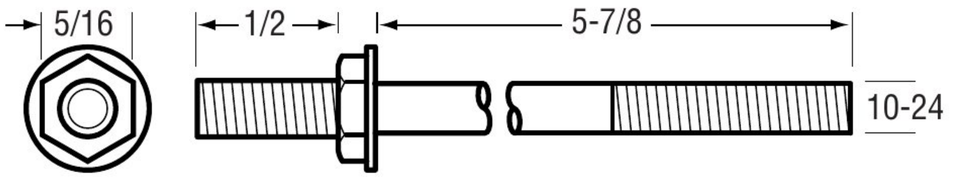
84-1349
Thru Bolt w/ Extension

Dim: 10-24 x 5-9/16 L
10-24 x 1/2 L Ext.
Features:
- Hex washer head, 5/16 drive
- Plain finish



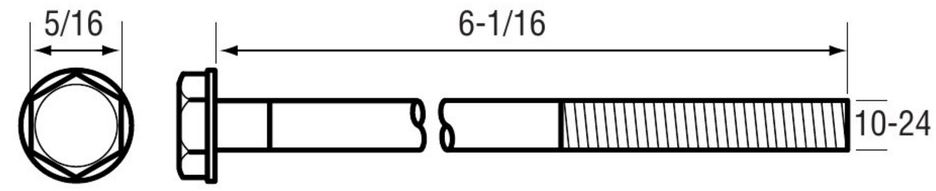
84-1345
Thru Bolt

Dim: 10-24 x 5-7/8 L
Features:
- Hex washer head, 5/16 drive
- Plain finish



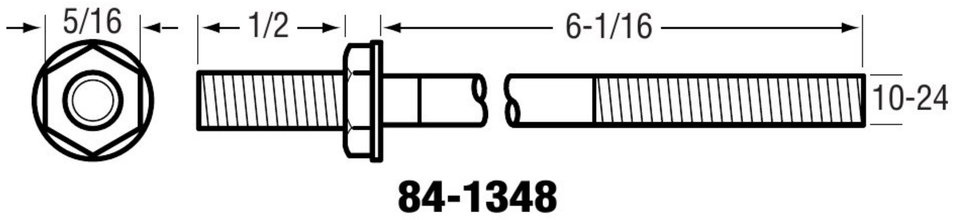
84-1346
Thru Bolt w/ Extension

Dim: 10-24 x 5-7/8 L
10-24 x 1/2 L Ext.
Features:
- Hex washer head, 5/16 drive
- Plain finish



84-1347
Thru Bolt

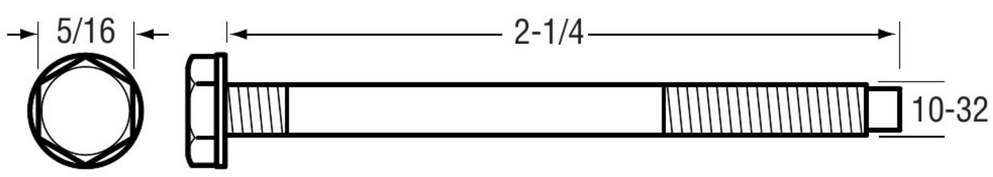
Dim: 10-24 x 6-1/16 L
Features:
- Hex washer head, 5/16 drive
- Plain finish



84-1348
Thru Bolt w/ Extension

Dim: 10-24 x 6-1/16 L
10-24 x 1/2 L Ext.
Features:
- Hex washer head, 5/16 drive
- Plain finish

10-32

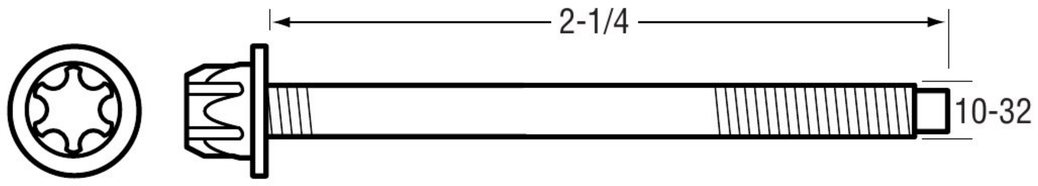


84-1352
Thru Bolt

Dim: 10-32 x 2-1/4 L
Features:
- Hex washer head, 5/16 drive
- Dog point
- Zinc-yellow plated

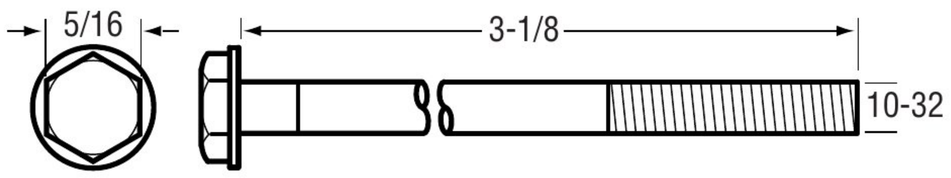
THRU BOLTS - STANDARD

10-32 (cont'd.)



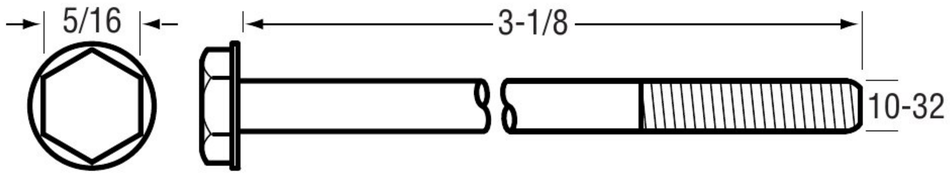
84-1361
Thru Bolt

Dim: 10-32 x 2-1/4 L
Features:
- External torx head, E8 drive
- Dog point
- Zinc-yellow plated



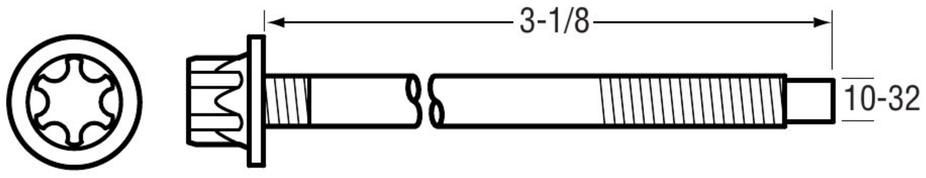
84-1301
Thru Bolt

Dim: 10-32 x 3-1/8 L
Features:
- Hex washer head, 5/16 drive
- Zinc-yellow plated



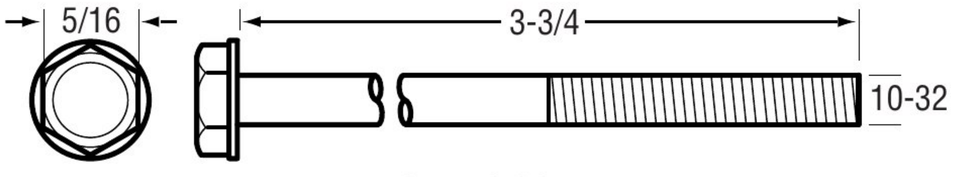
84-1308
Thru Bolt

Dim: 10-32 x 3-1/8 L
Features:
- Hex Washer Head, 5/16 drive
- Chamfered point
- Zinc-plated



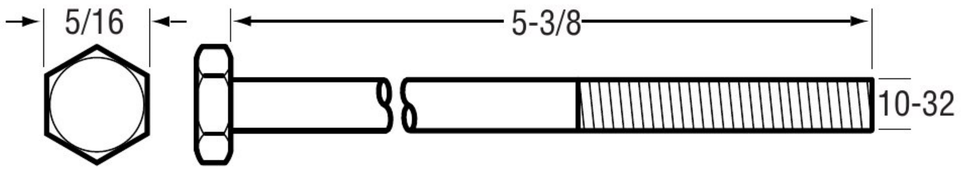
84-1360
Thru Bolt

Dim: 10-32 x 3-1/8 L
Features:
- External torx head, E8 drive
- Dog point
- Zinc-yellow plated



84-1303
Thru Bolt

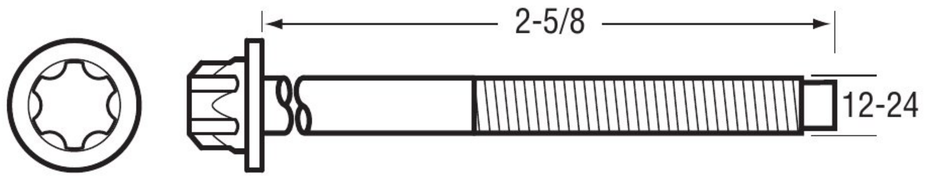
Dim: 10-32 x 3-3/4 L
Note: Extra long thru bolts for salvaging stripped Chrysler Round Back, Square Back S.R.E. frames. Used with 84-2307 Lock Nut.
Features:
- Hex washer head, 5/16 drive
- Zinc-plated



84-1333
Thru Bolt

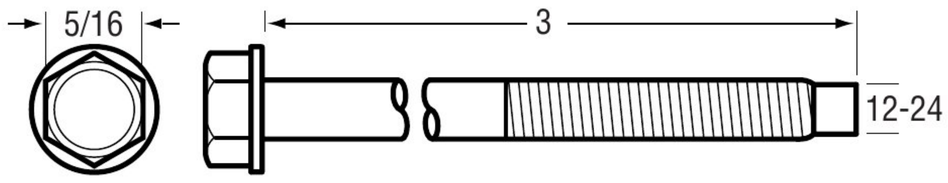
Dim: 10-32 x 5-3/8 L
Features:
- Hex head, 5/16 drive
- Zinc-yellow plated

12-24



84-1371
Thru Bolt

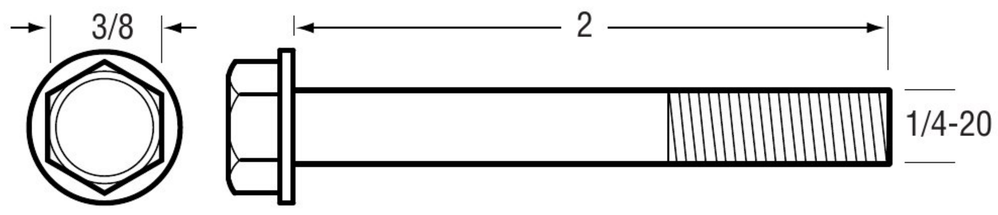
Dim: 12-24 x 2-5/8 L
Note: Oversized replacement for salvaging Delco CS130 D.E. frames with stripped-out thru-bolt holes. Simply threads into place no drilling required.
Features:
- External torx head, E8 drive
- Thread-forming
- Dog point
- Zinc-yellow plated



84-1309
Thru Bolt

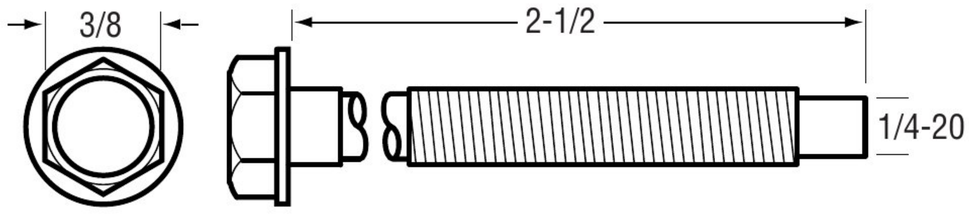
Dim: 12-24 x 3 L
Features:
- Hex washer head, 5/16 drive
- Dog point
- Black oxide finish

1/4-20



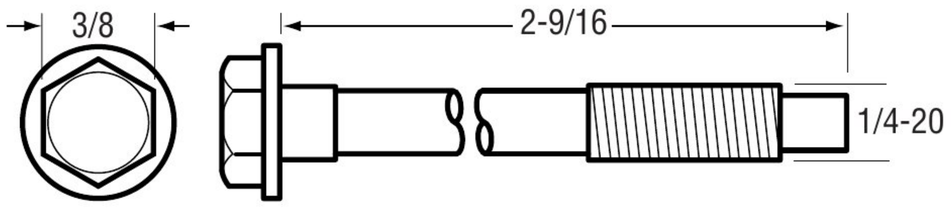
84-1406
Thru Bolt

Dim: 1/4-20 x 2 L
Features:
- Hex washer head, 3/8 drive
- Zinc-plated



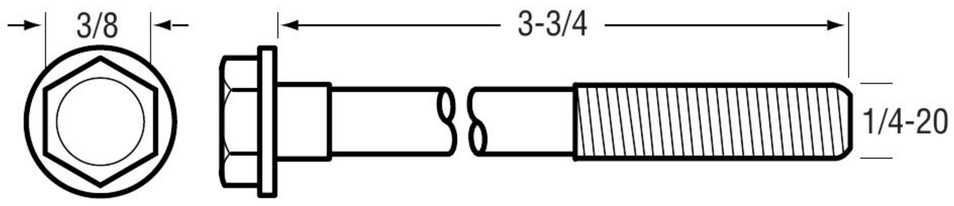
84-1407
Thru Bolt

Dim: 1/4-20 x 2-1/2 L
Features:
- Hex washer head, 3/8 drive
- Dog point
- Zinc-plated



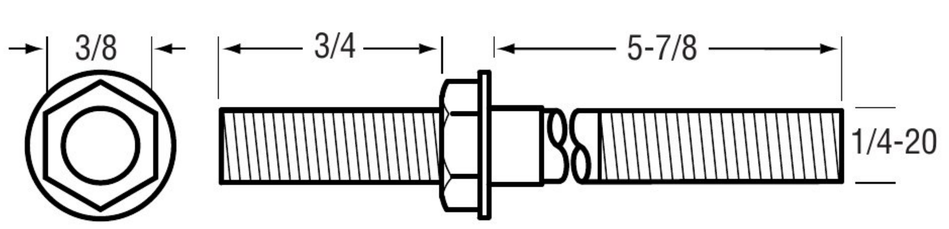
84-1443
Thru Bolt

Dim: 1/4-20 x 2-9/16 L
Features:
- Hex washer head, 3/8 drive
- Dog point
- Zinc-plated



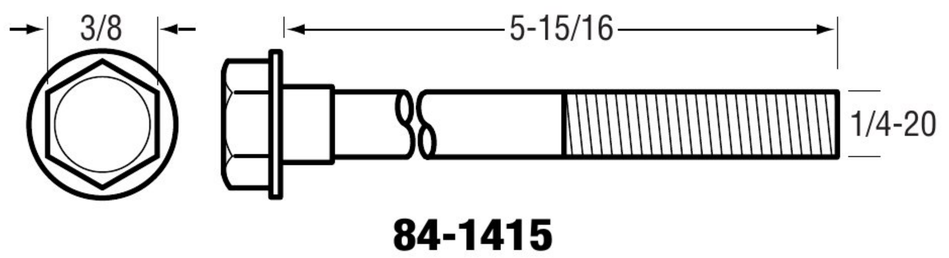
84-1444
Thru Bolt

Dim: 1/4-20 x 3-3/4 L
Features:
- Hex washer head, 3/8 drive
- Chamfered point
- Zinc-yellow plated



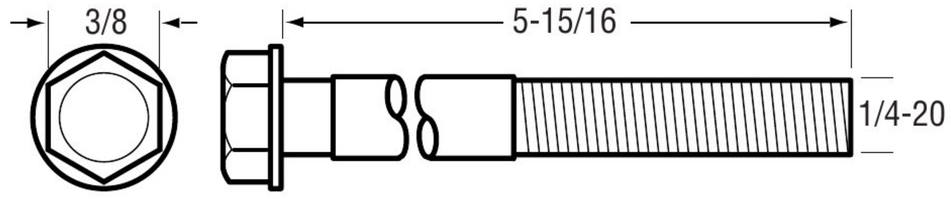
84-1414
Thru Bolt w/ Extension

Dim: 1/4-20 x 5-7/8 L
1/4-20 x 3/4 L Ext.
Features:
- Hex washer head, 3/8 drive
- Plain finish



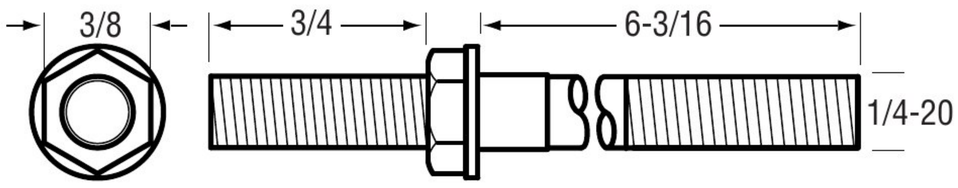
84-1415
Thru Bolt

Dim: 1/4-20 x 5-15/16 L
Features:
- Hex washer head, 3/8 drive
- Plain finish



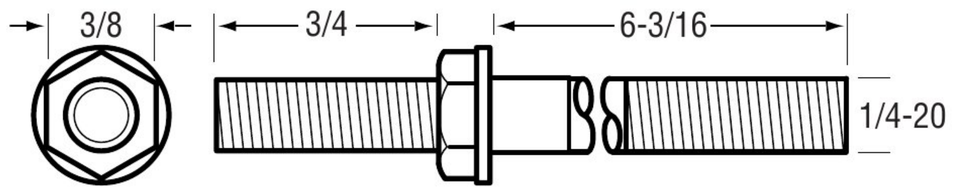
84-1432
Thru Bolt

Dim: 1/4-20 x 5-15/16 L
Components:
84-1415 Thru Bolt
Features:
- Hex washer head, 3/8 drive
- Plain finish
- w/ form-fitted insulating tubing



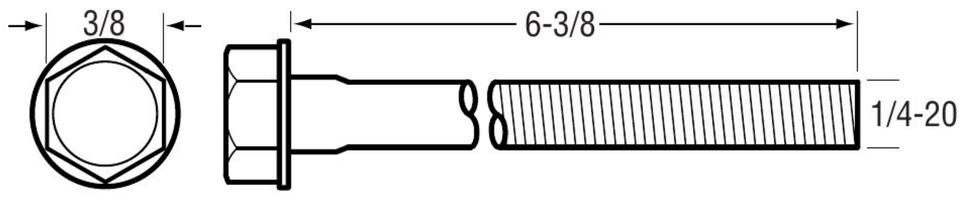
84-1404
Thru Bolt w/ Extension

Dim: 1/4-20 x 6-3/16 L
1/4-20 x 3/4 L Ext.
Features:
- Hex washer head, 3/8 drive
- Plain finish



84-1431
Thru Bolt w/ Extension

Dim: 1/4-20 x 6-3/16 L
1/4-20 x 3/4 L Ext.
Components:
84-1404 Thru Bolt
Features:
- Hex washer head, 3/8 drive
- Plain finish
- w/ form-fitted insulating tubing

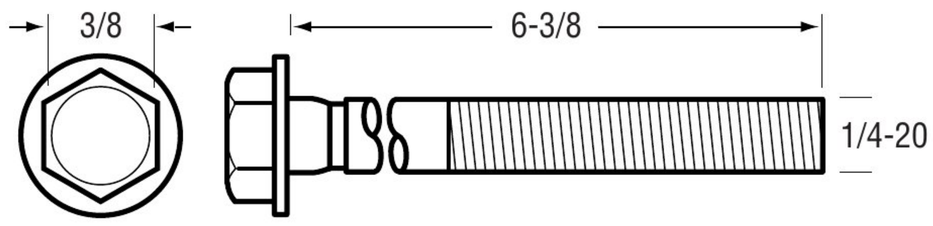


84-1403
Thru Bolt

Dim: 1/4-20 x 6-3/8 L
Features:
- Hex washer head, 3/8 drive
- Zinc-yellow plated

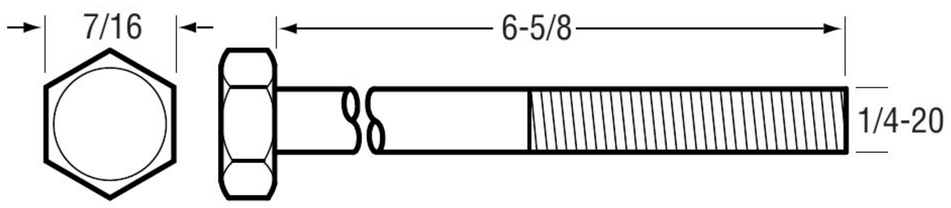
THRU BOLTS - STANDARD

1/4-20 (cont'd.)



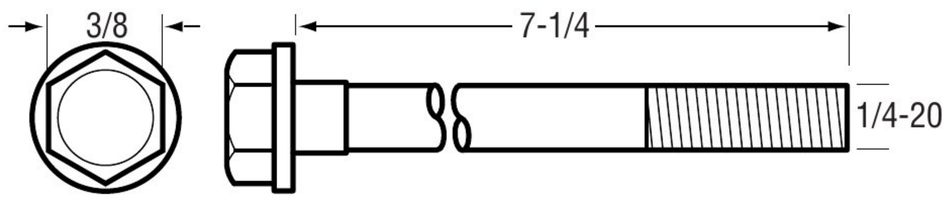
84-1430
Thru Bolt

Dim: 1/4-20 x 6-3/8 L
Components:
84-1403 Thru Bolt
Features:
- Hex washer head, 3/8 drive
- Plain finish
- w/ form-fitted insulating tubing



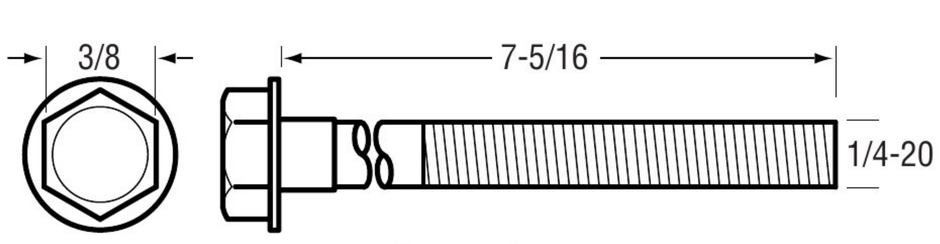
84-1416
Thru Bolt

Dim: 1/4-20 x 6-5/8 L
Features:
- Hex head, 7/16 drive
- Plain Finish



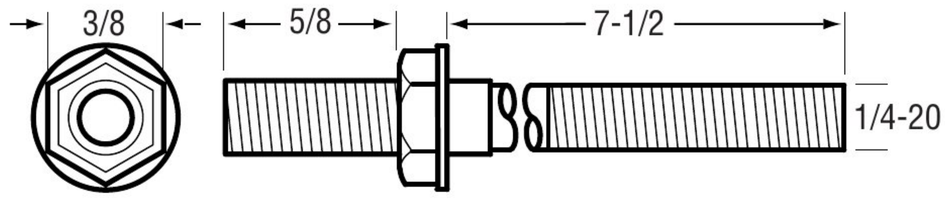
84-1417
Thru Bolt

Dim: 1/4-20 x 7-1/4 L
Features:
- Hex washer head, 3/8 drive
- Plain finish



84-1437
Thru Bolt

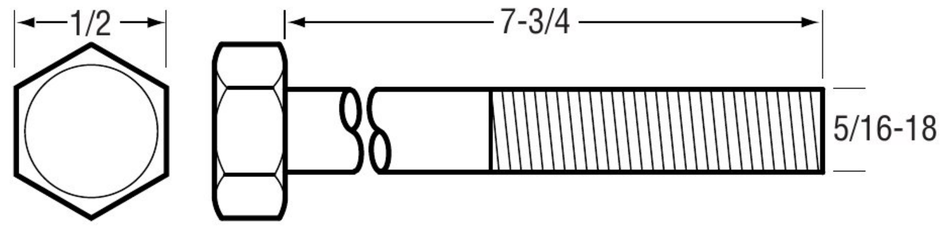
Dim: 1/4-20 x 7-5/16 L
Features:
- Hex washer head, 3/8 drive
- Plain finish



84-1438
Thru Bolt w/ Extension

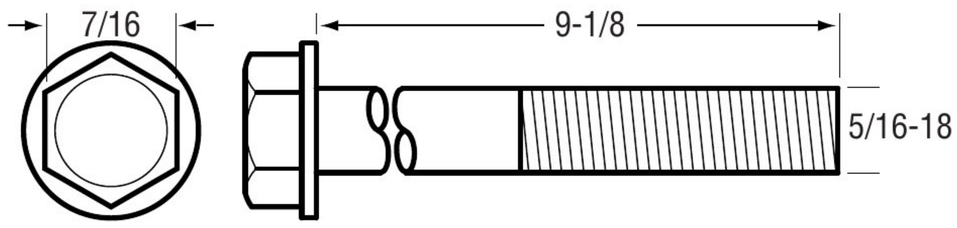
Dim: 1/4-20 x 7-1/2 L
1/4-20 x 5/8 L Ext.
Features:
- Hex washer head, 3/8 drive
- Plain finish

5/16-18



84-1424
Thru Bolt

Dim: 5/16-18 x 7-3/4 L
Features:
- Hex head, 1/2 drive
- Plain finish

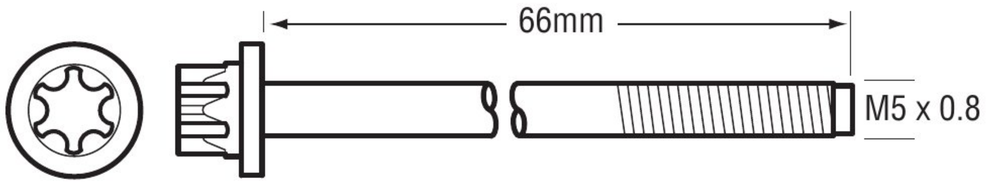


84-1426
Thru Bolt

Dim: 5/16-18 x 9-1/8 L
Features:
- Hex washer head, 7/16 drive
- Plain finish

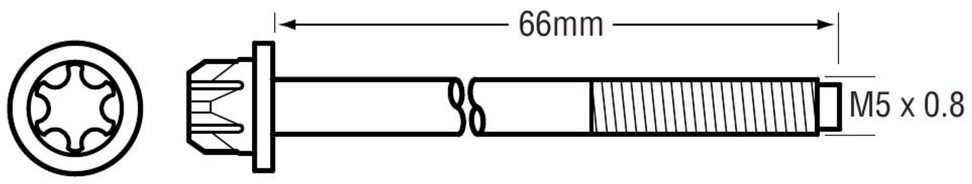
THRU BOLTS - METRIC

M5 x 0.8



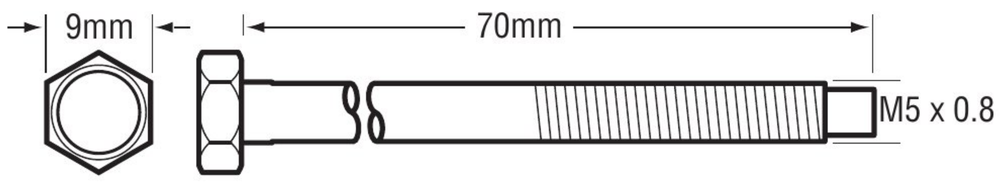
85-1302
Thru Bolt

Dim: M5 x 0.8 x 66mm L
Features:
- External torx head, E8 drive
- Thread-forming
- Dog point
- Zinc-plated



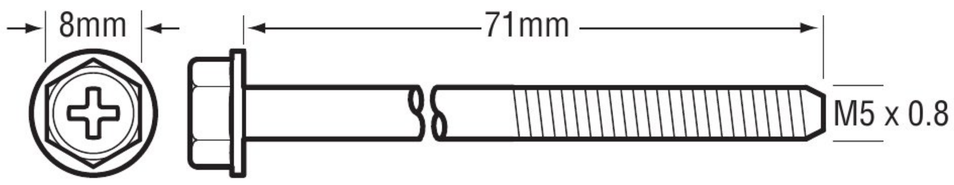
85-1302-1
Thru Bolt

Dim: M5 x 0.8 x 66mm L
Features:
- External torx head, E8 drive
- Thread-forming
- Dog point
- Zinc-plated
- Wax-coated threads for easier installation



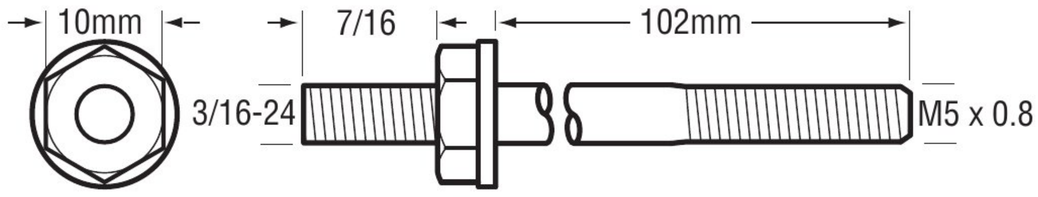
85-1301
Thru Bolt

Dim: M5 x 0.8 x 70mm L
Features:
- Hex head, 9mm drive
- Dog point
- Zinc-plated



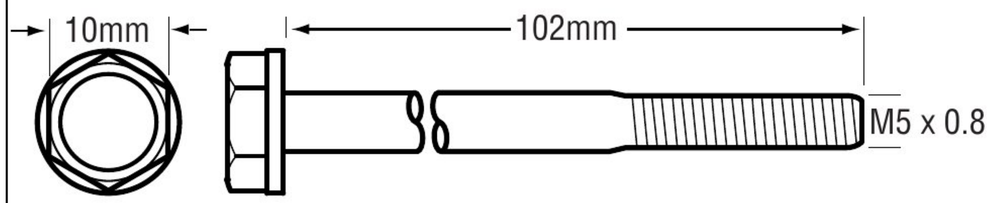
85-1361
Thru Bolt

Dim: M5 x 0.8 x 71mm L
Features:
- Phillips hex head, 8mm drive
- Zinc-yellow plated



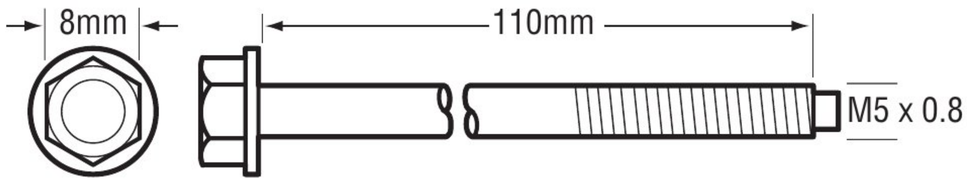
85-1338
Thru Bolt w/ Extension

Dim: M5 x 0.8 x 102mm L
3/16-24 x 7/16 L Ext.
Features:
- Hex washer head, 10mm drive
- Chamfered point
- Zinc-yellow plated



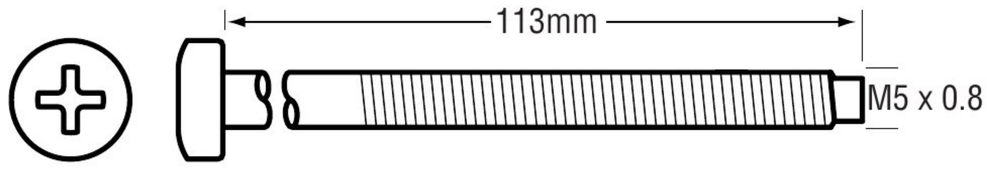
85-1339
Thru Bolt

Dim: M5 x 0.8 x 102mm L
Features:
- Hex washer head, 10mm drive
- Chamfered point
- Zinc-yellow plated



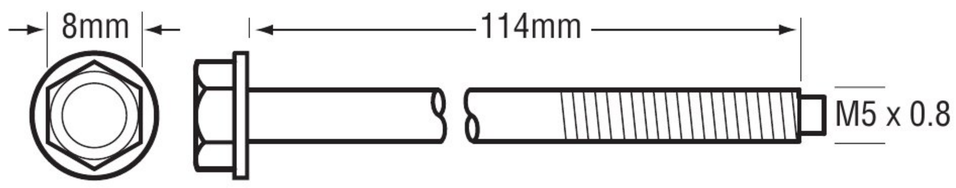
85-1367
Thru Bolt

Dim: M5 x 0.8 x 110mm L
Features:
- Hex washer head, 8mm drive
- Chamfered point
- Zinc-yellow plated



85-1324
Thru Bolt

Dim: M5 x 0.8 x 113mm L
Features:
- Phillips pan head
- Dog point
- Zinc-yellow plated

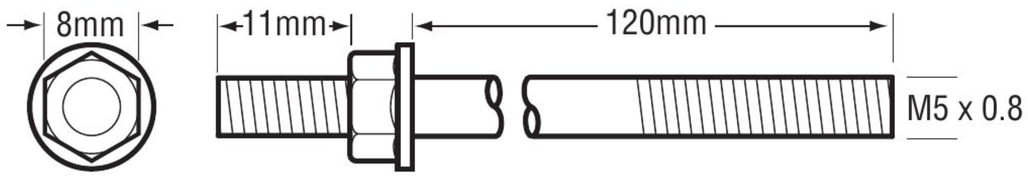


85-1369
Thru Bolt

Dim: M5 x 0.8 x 114mm L
Features:
- Hex washer head, 8mm drive
- Chamfered point
- Zinc-yellow plated

THRU BOLTS - METRIC

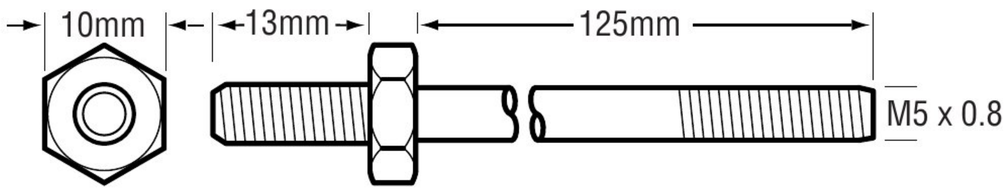
M5 x 0.8 (cont'd.)



85-1378

Thru Bolt w/ Extension

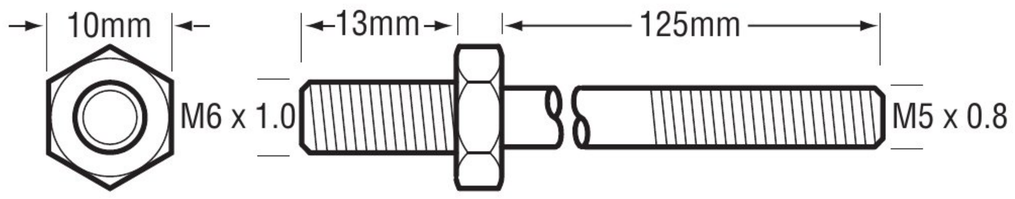
Dim: M5 x 0.8 x 120mm L
M5 x 0.8 x 11mm L Ext.
Features:
- Hex washer head, 8mm drive
- Chamfered point
- Zinc-yellow plated



85-1318

Thru Bolt w/ Extension

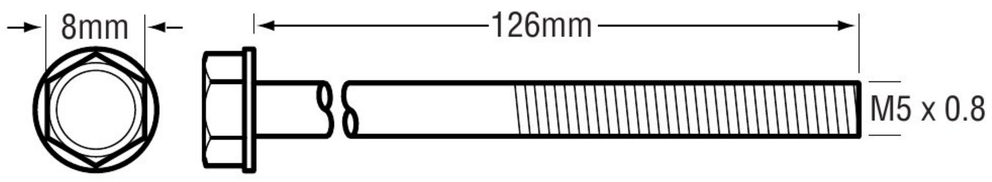
Dim: M5 x 0.8 x 125mm L
M5 x 0.8 x 13mm L Ext.
Features:
- Hex head, 10mm drive
- Chamfered point
- Zinc yellow plated



85-1344

Thru Bolt w/ Extension

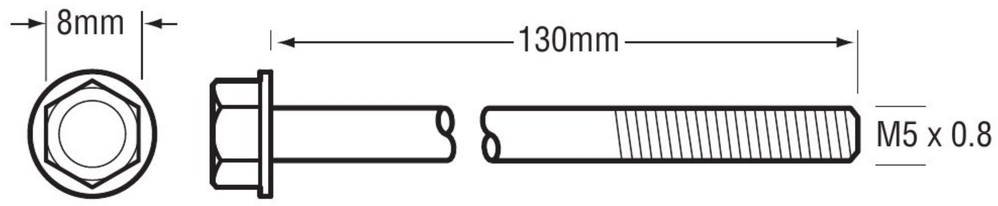
Dim: M5 x 0.8 x 125mm L
M6 x 1.0 x 13mm L Ext.
Features:
- Hex head, 10mm drive
- Chamfered point
- Zinc yellow plated



85-1317

Thru Bolt

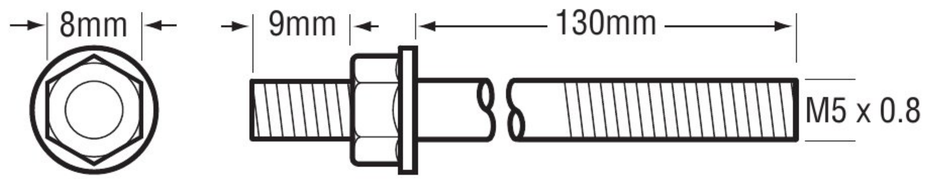
Dim: M5 x 0.8 x 126mm L
Features:
- Hex washer head, 8mm drive
- Zinc-yellow plated



85-1376

Thru Bolt

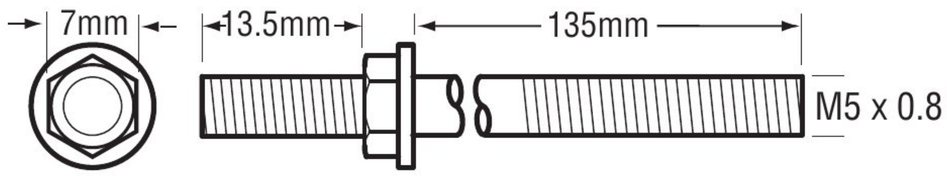
Dim: M5 x 0.8 x 130mm L
Features:
- Hex washer head, 8mm drive
- Chamfered point
- Zinc-yellow plated



85-1377

Thru Bolt w/ Extension

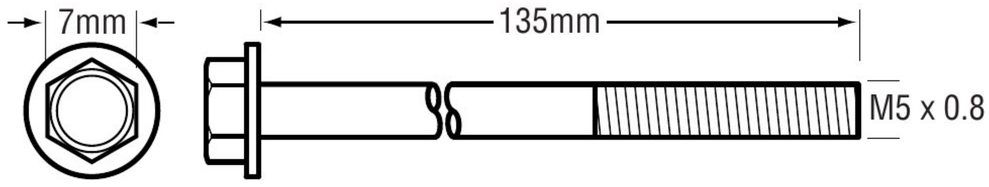
Dim: M5 x 0.8 x 130mm L
M5 x 0.8 x 9mm L Ext.
Features:
- Hex washer head, 8mm drive
- Chamfered point
- Zinc-yellow plated



85-1323

Thru Bolt w/ Extension

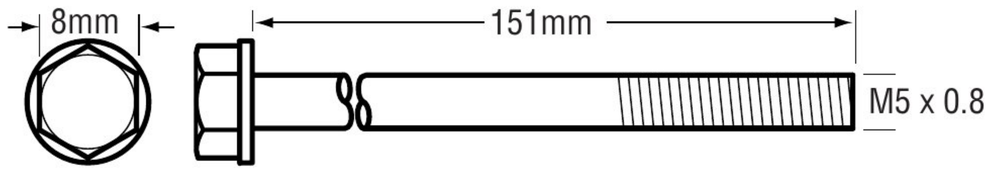
Dim: M5 x 0.8 x 135mm L
M5 x 0.8 x 13.5mm L Ext.
Features:
- Hex washer head, 7mm drive
- Black oxide finish



85-1333

Thru Bolt

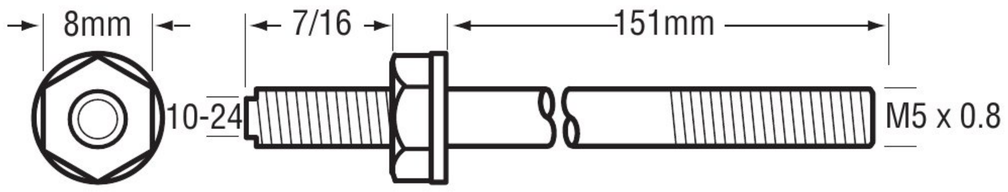
Dim: M5 x 0.8 x 135mm L
Features:
- Hex washer head, 7mm drive
- Black oxide finish



85-1357

Thru Bolt

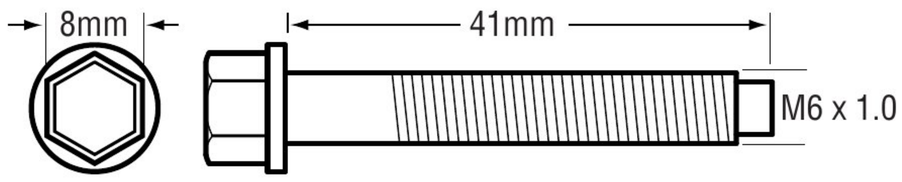
Dim: M5 x 0.8 x 151mm L
Features:
- Hex washer head, 8mm drive
- Zinc-yellow plated



85-1360
Thru Bolt w/ Extension

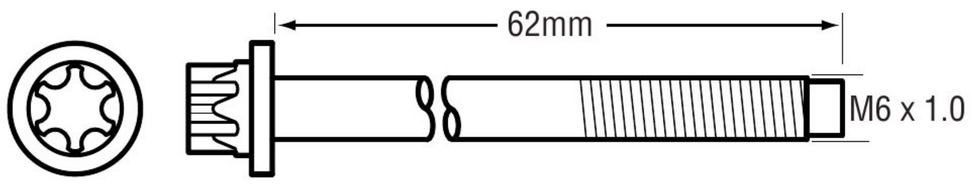
Dim: M5 x 0.8 x 151mm L
10-24 x 7/16 L Ext
Features:
- Hex washer head, 8mm drive
- Zinc-yellow plated

M6 x 1.0



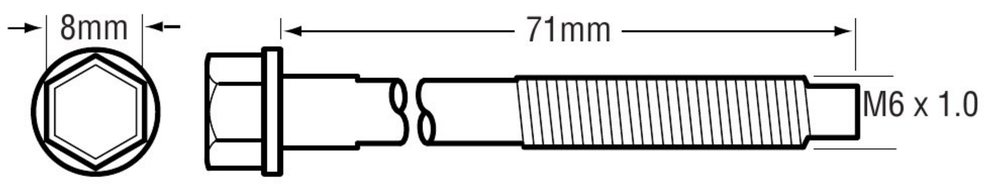
85-1345
Thru Bolt

Dim: M6 x 1.0 x 41mm L
Features:
- Hex washer head, 8mm drive
- Dog point
- Zinc-plated



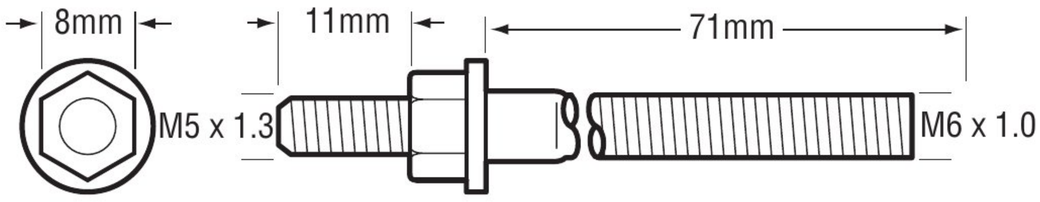
85-1335
Thru Bolt

Dim: M6 x 1.0 x 62mm L
Features:
- External torx head, E8 drive
- Thread-forming
- Dog point
- Zinc-plated



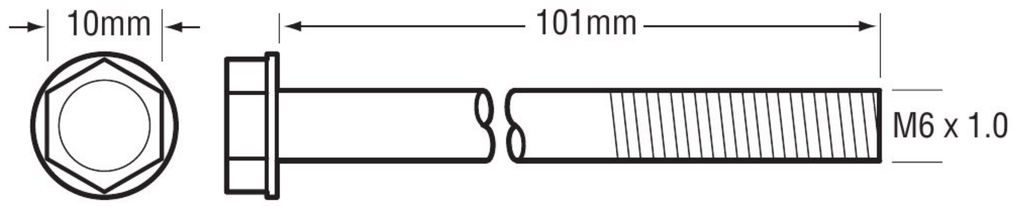
85-1322
Thru Bolt

Dim: M6 x 1.0 x 71mm L
Features:
- Hex washer head, 8mm drive
- Dog point
- Zinc-plated



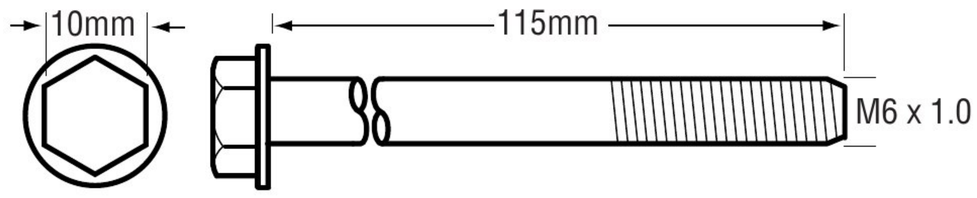
85-1362
Thru Bolt w/ Extension

Dim: M6 x 1.0 x 71mm L
M5 x 1.30 x 11mm L Ext
Features:
- Hex washer head, 8mm drive
- Dog point
- Zinc-plated



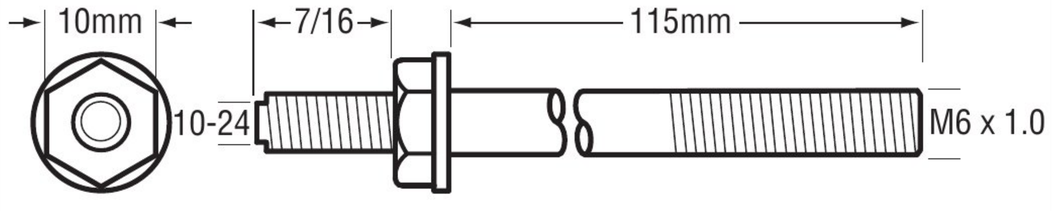
85-1366
Thru Bolt

Dim: M6 x 1.0 x 101mm L
Features:
- Hex washer head, 10mm drive
- Chamfer point
- Zinc-yellow plated



85-1355
Thru Bolt

Dim: M6 x 1.0 x 115mm L
Features:
- Hex washer head, 10mm drive
- Chamfer point
- Zinc-yellow plated

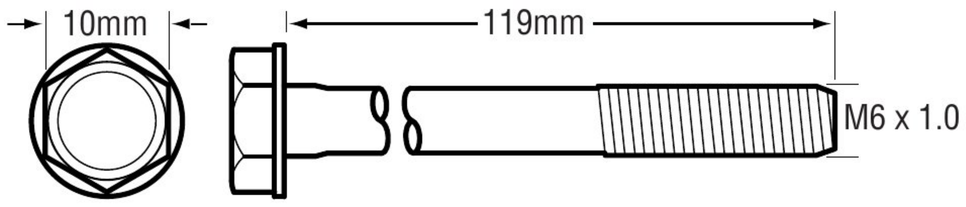


85-1358
Thru Bolt w/ Extension

Dim: M6 x 1.0 x 115mm L
10-24 x 7/16 L Ext.
Features:
- Hex washer head, 10mm drive
- Chamfer point
- Zinc-yellow plated

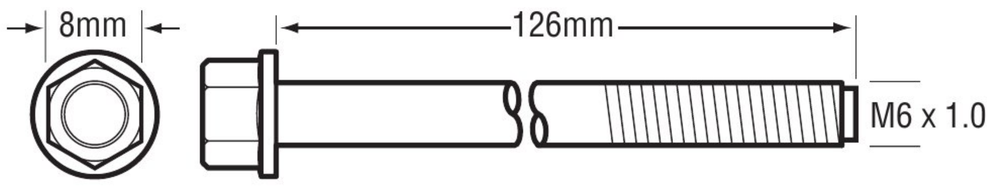
THRU BOLTS - METRIC

M6 x 1.0 (cont'd.)



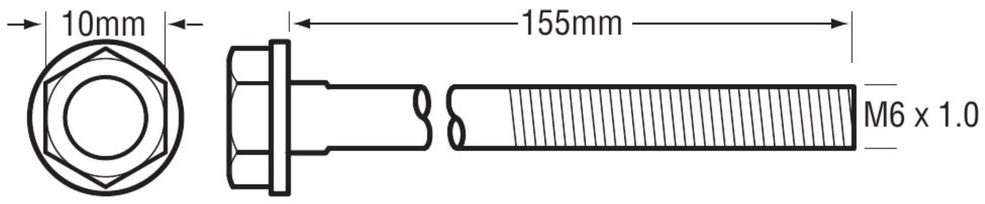
85-1315
Thru Bolt

Dim: M6 x 1.0 x 119mm L
Features:
- Hex washer head, 10mm drive
- Chamfered point
- Black oxide finish



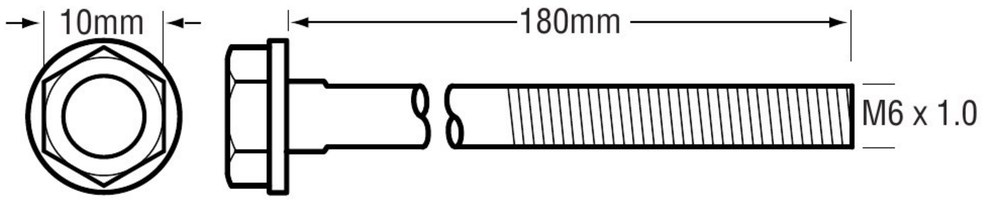
85-1381
Thru Bolt

Dim: M6 x 1.0 x 126mm L
Features:
- Hex head, 8mm drive



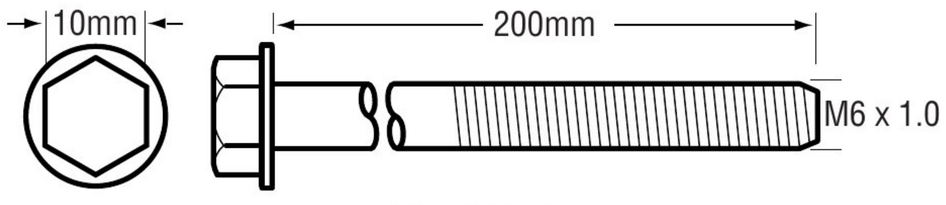
85-1370
Thru Bolt

Dim: M6 x 1.0 x 155mm L
Features:
- Hex washer head, 10mm drive



85-1328
Thru Bolt

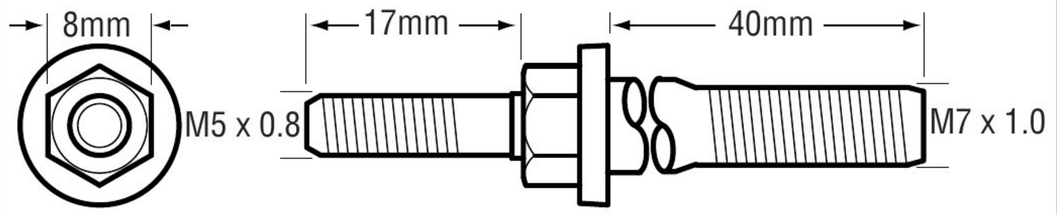
Dim: M6 x 1.0 x 180mm L
Features:
- Hex washer head, 10mm drive
- Zinc-yellow plated



85-1354
Thru Bolt

Dim: M6 x 1.0 x 200mm L
Features:
- Hex washer head, 10mm drive
- Chamfered point
- Zinc-yellow plated

M7 x 1.0

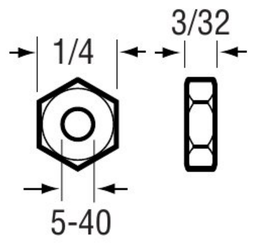


85-1403
Thru Bolt w/ Extension

Dim: M7 x 1.0 x 40mm L
M5 x 0.8 x 17mm L Ext.
Features:
- Hex washer head, 8mm drive
- Chamfered point
- Zinc-yellow plated

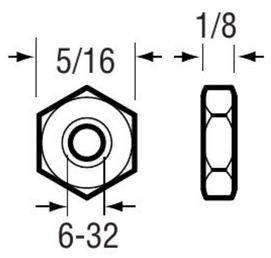
NUTS - STANDARD

5-40



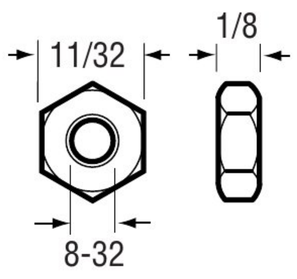
84-2100
Hex Nut
Dim: 5-40 x 1/4 F x 3/32 T
Features:
• Zinc-plated

6-32

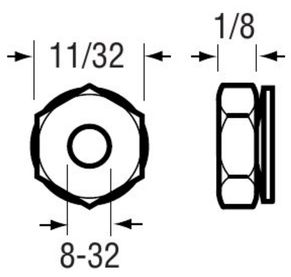


84-2101
Hex Nut
Dim: 6-32 x 5/16 F x 1/8 T
Features:
• Zinc-plated

8-32

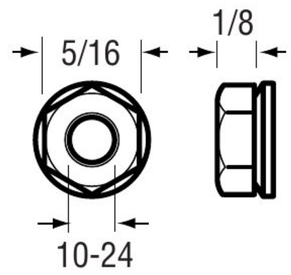


84-2200
Hex Nut
Dim: 8-32 x 11/32 F x 1/8 T
Features:
• Zinc-plated

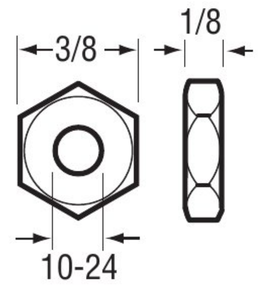


84-2201
Hex Nut
Dim: 8-32 x 11/32 F x 1/8 T
Features:
• Attached conical washer
• Zinc-yellow plated

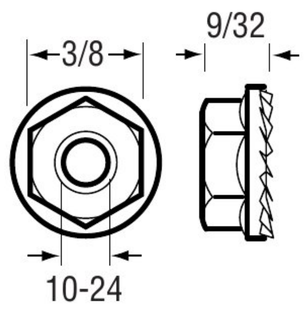
10-24



84-2303
Hex Nut
Dim: 10-24 x 5/16 F x 1/8 T
Features:
• Attached conical washer
• Zinc-yellow plated

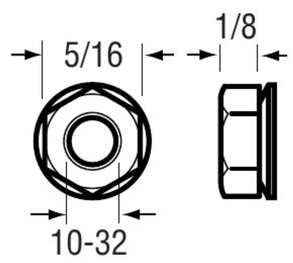


84-2308
Hex Nut
Dim: 10-24 x 3/8 F x 1/8 T
Features:
• Zinc-plated

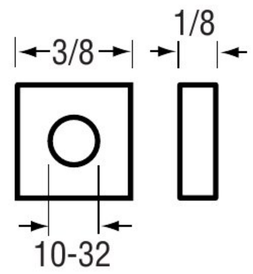


84-2302
Hex Nut
Dim: 10-24 x 3/8 F x 9/32 T
Features:
• Serrated flange
• Zinc-plated

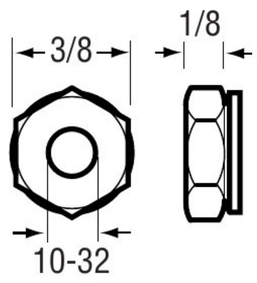
10-32



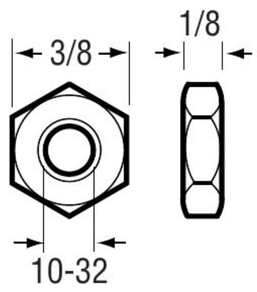
84-2304
Hex Nut
Dim: 10-32 x 5/16 F x 1/8 T
Features:
• Attached conical washer
• Zinc-yellow plated



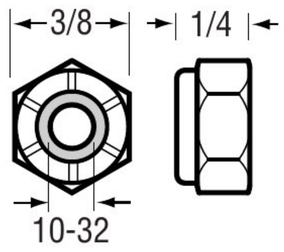
84-2301
Square Nut
Dim: 10-32 x 3/8 F x 1/8 T
Features:
• Zinc-plated



84-2305
Hex Nut
Dim: 10-32 x 3/8 F x 1/8 T
Features:
• Attached conical washer
• Zinc-yellow plated



84-2310
Hex Nut
Dim: 10-32 x 3/8 F x 1/8 T
Features:
• Zinc-plated

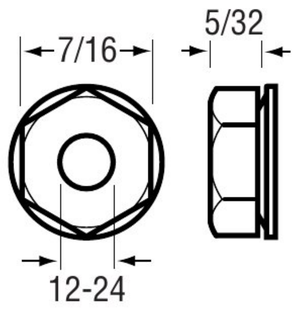


84-2307
Hex Nut
Dim: 10-32 x 3/8 F x 1/4 T
Features:
• Nylon insert
• Zinc-plated

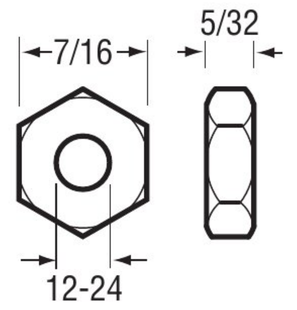
HARDWARE (84-, 85-)

NUTS - STANDARD

12-24

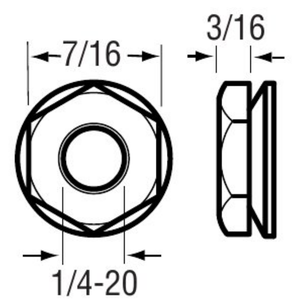


84-2306
Hex Nut
Dim: 12-24 x 7/16 F x 5/32 T
Features:
- Attached conical washer
- Zinc-plated

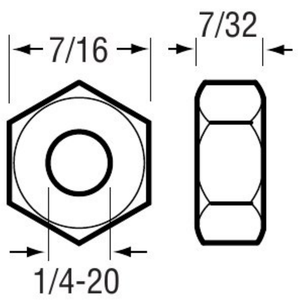


84-2312
Hex Nut
Dim: 12-24 x 7/16 F x 5/32 T
Features:
- Zinc-plated

1/4-20

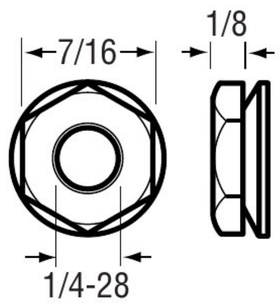


84-2401
Hex Nut
Dim: 1/4-20 x 7/16 F x 3/16 T
Features:
- Attached conical washer
- Zinc-yellow plated

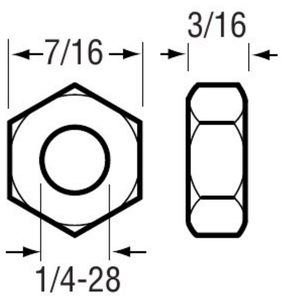


84-2405
Hex Nut
Dim: 1/4-20 x 7/16 F x 7/32 T
Features:
- Zinc-plated

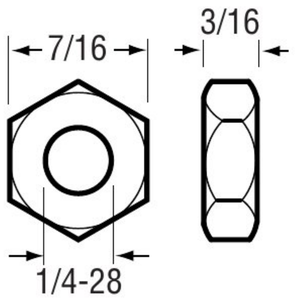
1/4-28



84-2402
Hex Nut
Dim: 1/4-28 x 7/16 F x 1/8 T
Features:
- Attached conical washer
- Zinc-plated

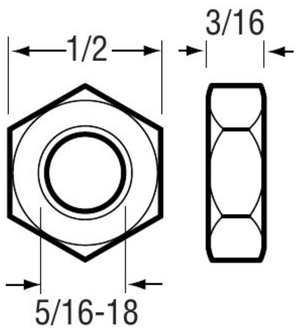


84-2404
Hex Nut
Dim: 1/4-28 x 7/16 F x 3/16 T
Features:
- Brass

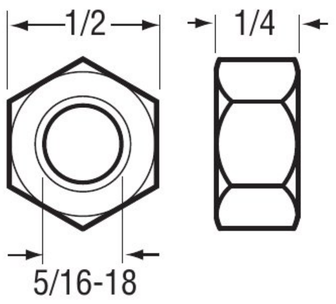


84-2406
Hex Nut
Dim: 1/4-28 x 7/16 F x 3/16 T
Features:
- Zinc-plated

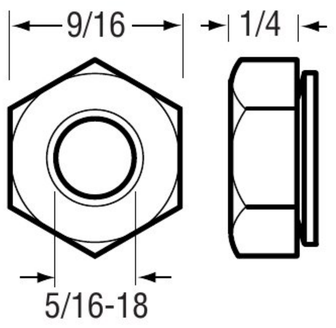
5/16-18



84-2407
Hex Nut
Dim: 5/16-18 x 1/2 F x 3/16 T
Features:
- Zinc-plated

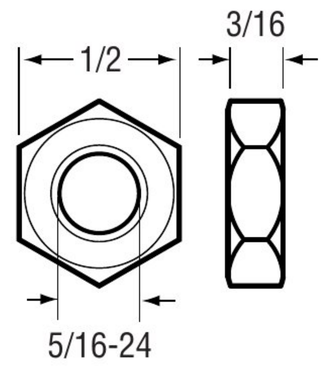


84-2407-1
Hex Nut
Dim: 5/16-18 x 1/2 F x 1/4 T
Features:
- Zinc-plated

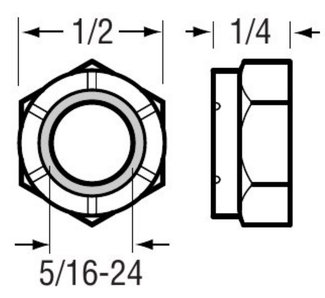


84-2403
Hex Nut
Dim: 5/16-18 x 9/16 F x 1/4 T
Features:
- Attached conical washer
- Zinc-yellow plated

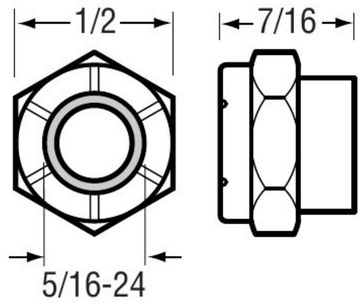
5/16-24



84-2501
Hex Nut
Dim: 5/16-24 x 1/2 F x 3/16 T
Features:
- Zinc-plated



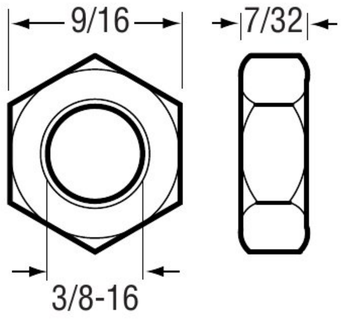
84-2409
Hex Nut
Dim: 5/16-24 x 1/2 F x 1/4 T
Features:
- Nylon insert
- Zinc-plated



84-2408
Hex Nut

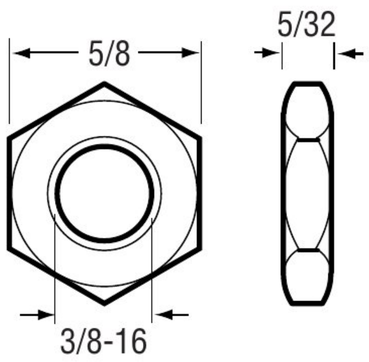
Dim: 5/16-24 x 1/2 F x 7/16 T
Features:
- Nylon insert
- Zinc-plated

3/8-16



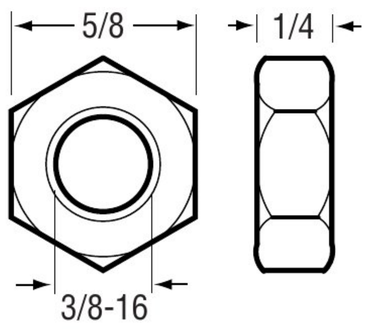
84-2505
Hex Nut

Dim: 3/8-16 x 9/16 F x 7/32 T
Features:
- Zinc-plated



84-2500
Hex Nut

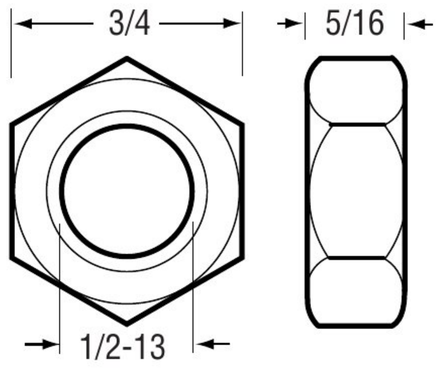
Dim: 3/8-16 x 5/8 F x 5/32 T
Features:
- Zinc-plated



84-2503
Hex Nut

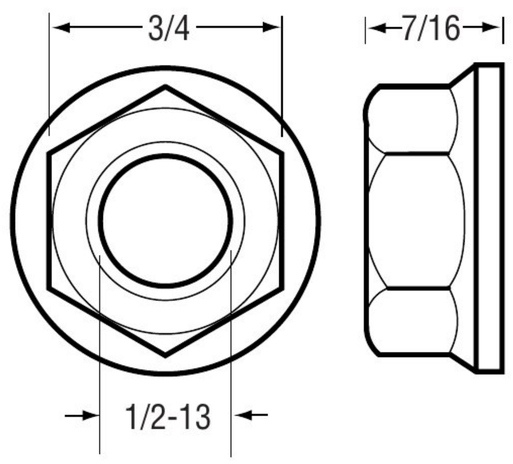
Dim: 3/8-16 x 5/8 F x 1/4 T
Features:
- Zinc-plated

1/2-13



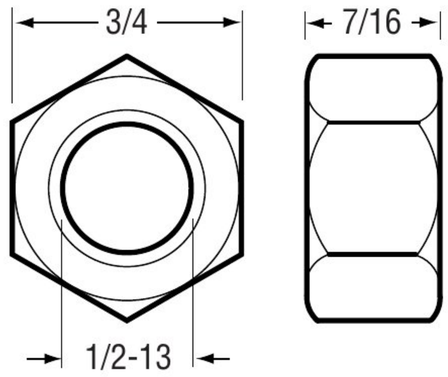
84-2602
Hex Nut

Dim: 1/2-13 x 3/4 F x 5/16 T
Features:
- Zinc-yellow plated



84-2600-1
Hex Nut

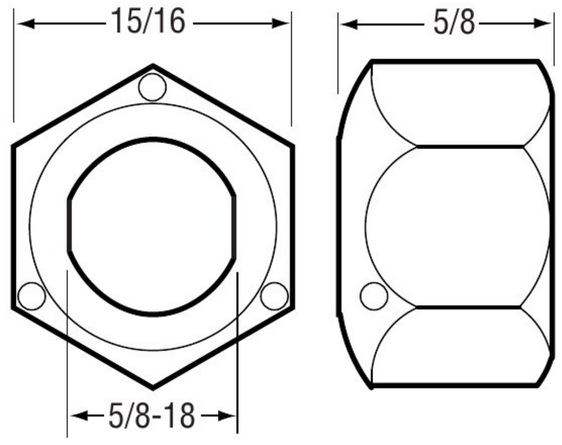
Dim: 1/2-13 x 3/4 F x 7/16 T
Features:
- Smooth flange
- Zinc-yellow plated



84-2603
Hex Nut

Dim: 1/2-13 x 3/4 F x 7/16 T
Features:
- Zinc-plated

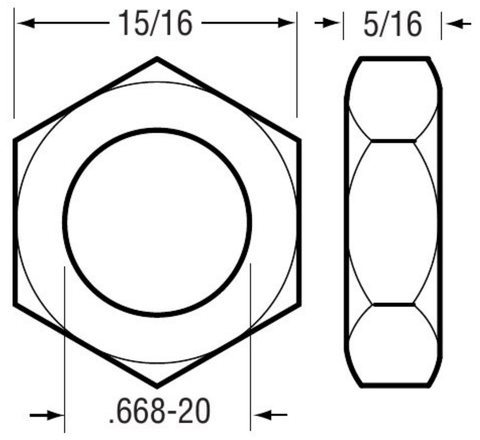
5/8-18



84-2601
Hex Nut

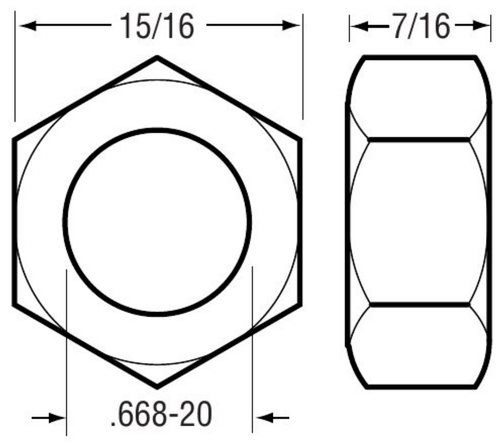
Dim: 5/8-18 x 15/16 F x 5/8 T
Features:
- Top lock
- Zinc-yellow plated

.668-20



84-2700
Hex Nut

Dim: .668-20 x 15/16 F x 5/16 T
Features:
- Zinc-yellow plated



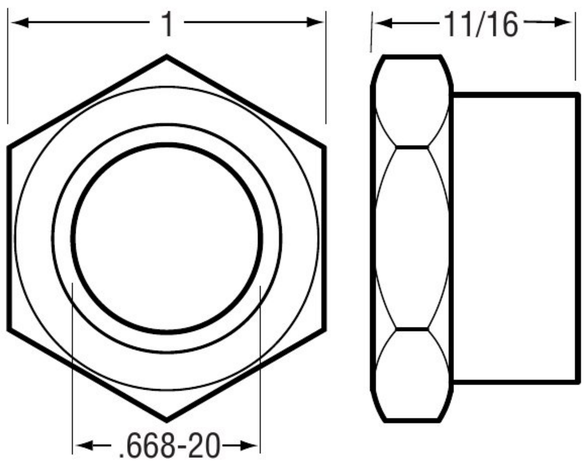
84-2700-1
Hex Nut

Dim: .668-20 x 15/16 F x 7/16 T
Features:
- Zinc-yellow plated

HARDWARE (84-, 85-)

NUTS - STANDARD

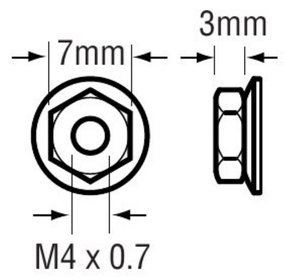
.668-20 (cont'd.)



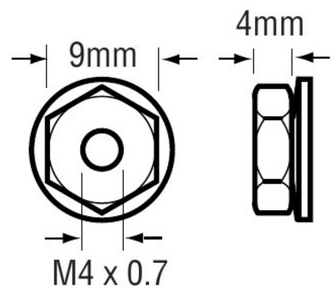
84-2605
Hex Nut
Dim: .668-20 x 1 F x 11/16 T
Note: Used w/ 24-7100 conversion pulley
Features:
• Zinc-yellow plated

NUTS - METRIC

M4 x 0.7

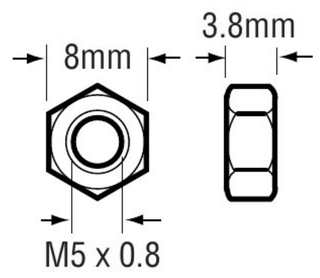


85-2201
Hex Nut
Dim: M4 x 0.7 x 7mm F x 3mm T
Features:
• Attached conical washer
• Zinc-yellow plated

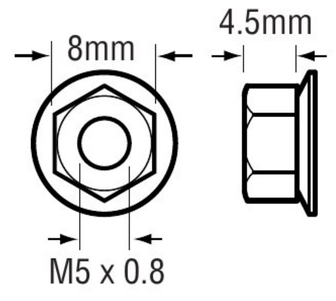


85-2200
Hex Nut
Dim: M4 x 0.7 x 9mm F x 4mm T
Features:
• Attached conical washer
• Zinc-yellow plated

M5 x 0.8

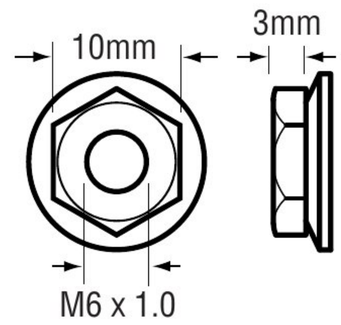


85-2304
Hex Nut
Dim: M5 x 0.8 x 8mm F x 3.8mm T
Features:
• Zinc-plated

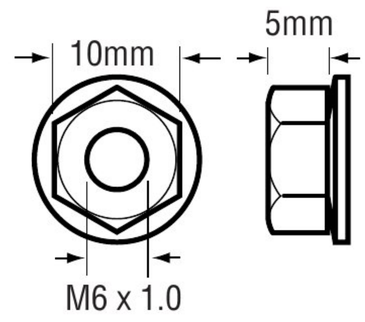


85-2300
Hex Nut
Dim: M5 x 0.8 x 8mm F x 4.5mm T
Features:
• Attached conical washer
• Zinc-yellow plated

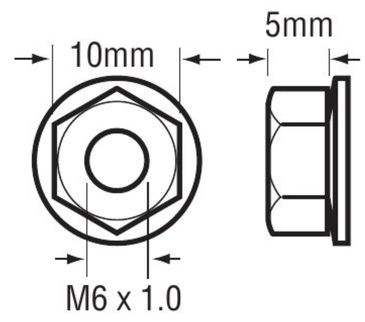
M6 x 1.0



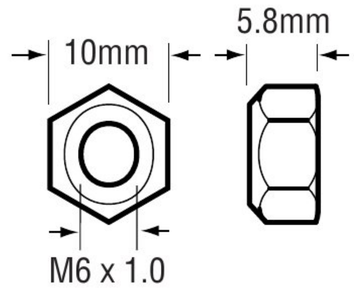
85-2309
Hex Nut
Dim: M6 x 1.0 x 10mm F x 3mm T
Features:
• Attached conical washer
• Zinc-yellow plated



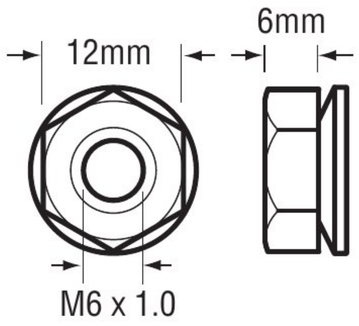
85-2301
Hex Nut
Dim: M6 x 1.0 x 10mm F x 5mm T
Features:
• Attached conical washer
• Zinc-yellow plated



85-2301-2
Hex Nut
Dim: M6 x 1.0 x 10mm F x 5mm T
Features:
• Attached conical washer
• Zinc plated

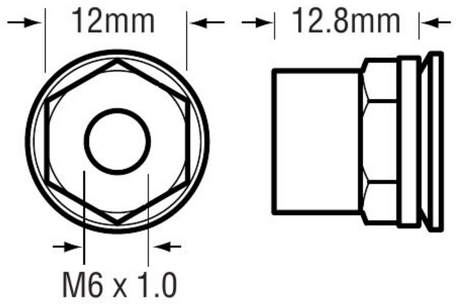


85-2307
Hex Nut
Dim: M6 x 1.0 x 10mm F x 5.8mm T
Features:
• Top lock
• Zinc-yellow plated



85-2310
Hex Nut

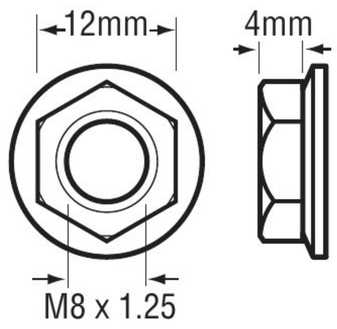
Dim: M6 x 1.0 x 12mm F x 6mm T
Features:
- Attached conical washer
- Zinc-yellow plated



85-2305
Hex Nut

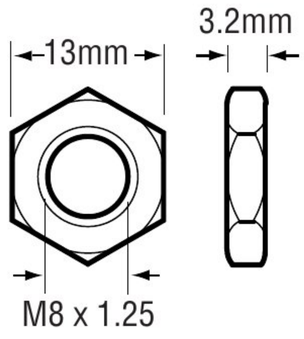
Dim: M6 x 1.0 x 12mm F x 12.8mm T
Features:
- Attached conical washer
- Zinc-yellow plated

M8 x 1.25



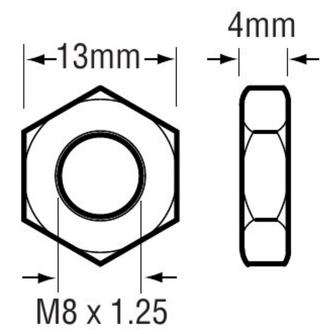
85-2407
Hex Nut

Dim: M8 x 1.25 x 12mm F x 4mm T
Features:
- Attached conical washer
- Zinc-yellow plated



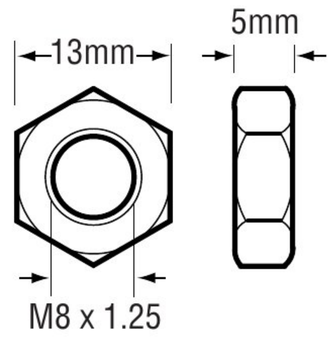
85-2404
Hex Nut

Dim: M8 x 1.25 x 13mm F x 3.2mm T
Features:
- Zinc-plated



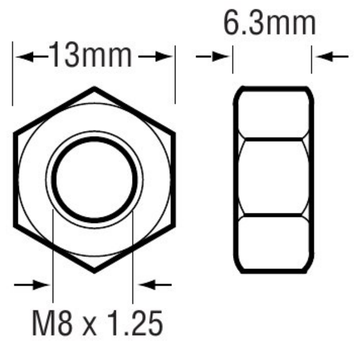
85-2402
Hex Nut

Dim: M8 x 1.25 x 13mm F x 4mm T
Features:
- Zinc-yellow plated



85-2401
Hex Nut

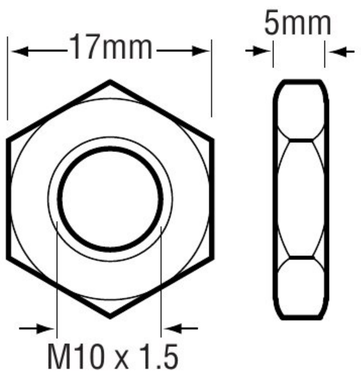
Dim: M8 x 1.25 x 13mm F x 5mm T
Features:
- Zinc-plated



85-2400
Hex Nut

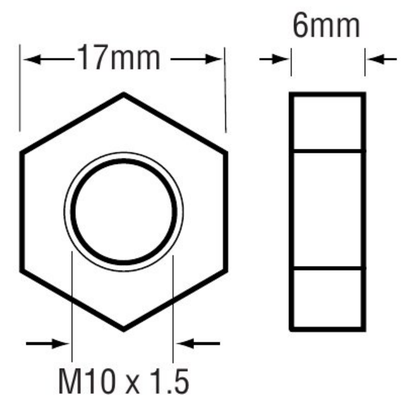
Dim: M8 x 1.25 x 13mm F x 6.3mm T
Features:
- Zinc-plated

M10 x 1.5



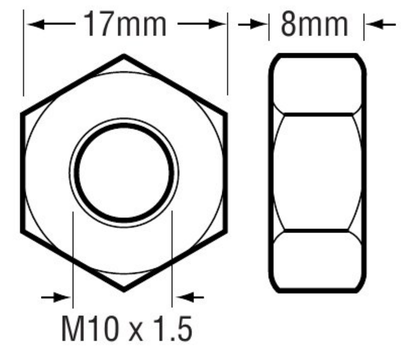
85-2503
Hex Nut

Dim: M10 x 1.5 x 17mm F x 5mm T
Features:
- Zinc-yellow plated



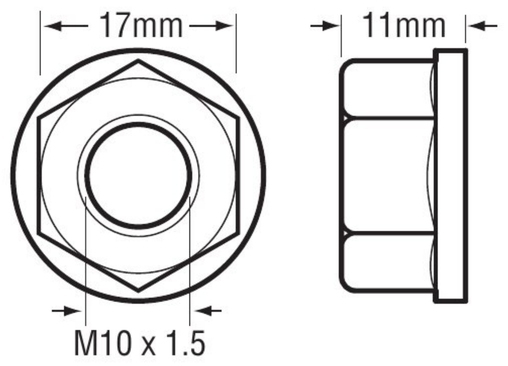
85-2505
Hex Nut

Dim: M10 x 1.5 x 17mm F x 6mm T
Features:
- Zinc-yellow plated



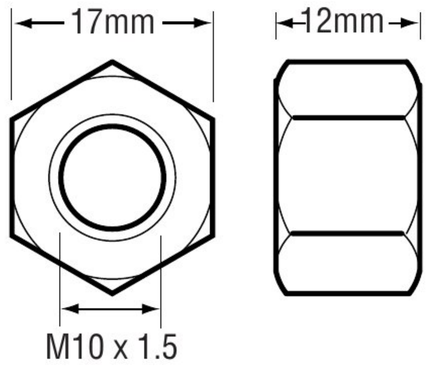
85-2500
Hex Nut

Dim: M10 x 1.5 x 17mm F x 8mm T
Features:
- Zinc-plated



85-2507
Hex Nut

Dim: M10 x 1.5 x 17mm F x 11mm T
Features:
- Zinc-yellow plated



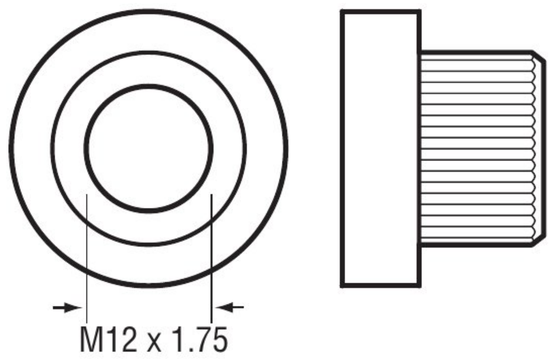
85-2504
Hex Nut

Dim: M10 x 1.5 x 17mm F x 12mm T
Features:
- Zinc-yellow plated

HARDWARE (84-, 85-)

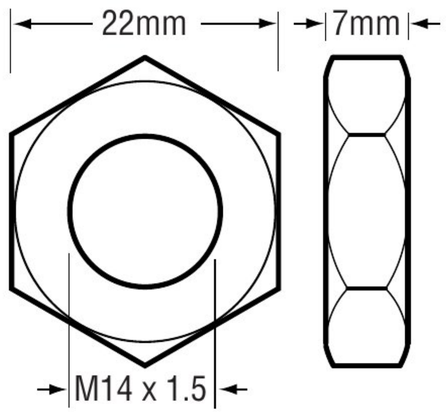
NUTS - METRIC

M12 x 1.75



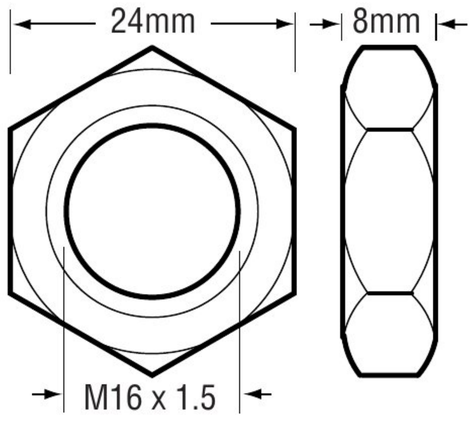
85-9500
Captive Nut
Dim: M12 x 1.75

M14 x 1.5



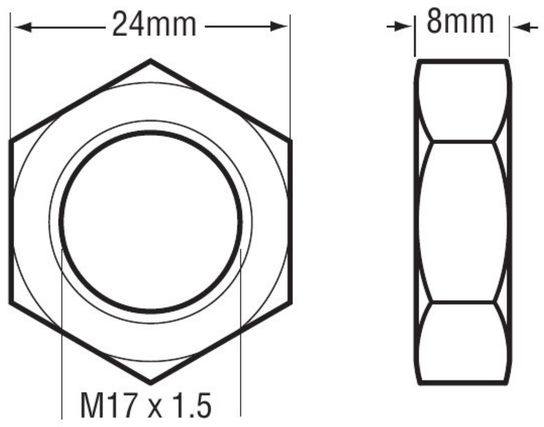
85-2601
Hex Nut
Dim: M14 x 1.5 x 22mm F x 7mm T
Features:
• Zinc-yellow plated

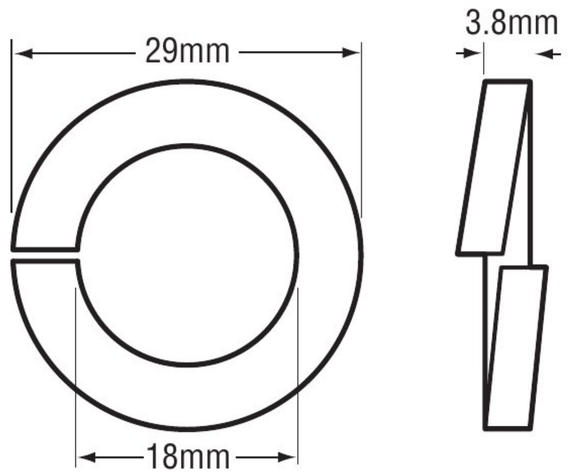
M16 x 1.5



85-2600
Hex Nut
Dim: M16 x 1.5 x 24mm F x 8mm T
Features:
• Zinc-yellow plated

M17 x 1.5

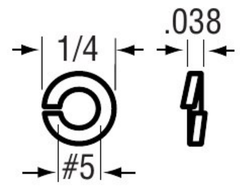




85-2701
Hex Nut w/ Split Lock Washer
Dim: Hex Nut: M17 x 1.5 x 24mm F x 8mm T
Split Lock Washer: 18mm ID x 29mm OD x 3.8mm T
Features:
• Zinc-yellow plated

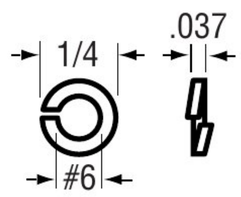
WASHERS - STANDARD

#5



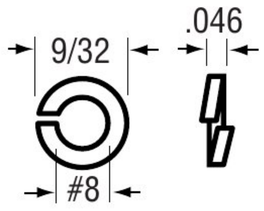
84-4100
Split Lock Washer
Dim: #5 ID x 1/4 OD x .038 T
Features:
• Zinc-plated

#6

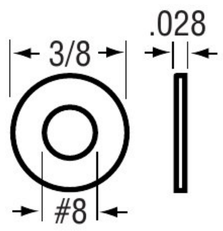


84-4101
Split Lock Washer
Dim: #6 ID x 1/4 OD x .037 T
Features:
• Zinc-plated

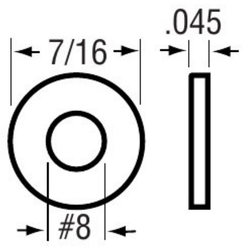
#8



84-4201
Split Lock Washer
Dim: #8 ID x 9/32 OD x .046 T
Features:
• Zinc-plated



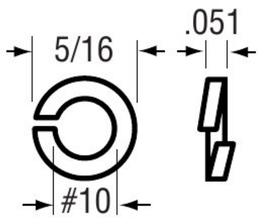
84-4204
Flat Washer
Dim: #8 ID x 3/8 OD x .028 T
Features:
• Zinc-plated



84-4203
Flat Washer

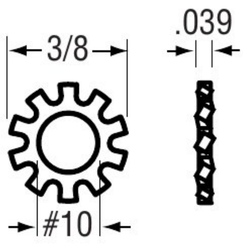
Dim: #8 ID x 7/16 OD x .045 T
Features:
- Zinc-plated

#10



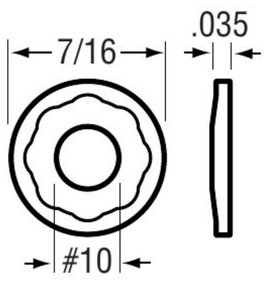
84-4309
Split Lock Washer

Dim: #10 ID x 5/16 OD x .051 T
Features:
- Zinc-plated



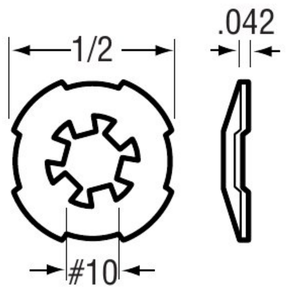
84-4300
External Tooth Lock Washer

Dim: #10 ID x 3/8 OD x .039 T
Features:
- Zinc-plated



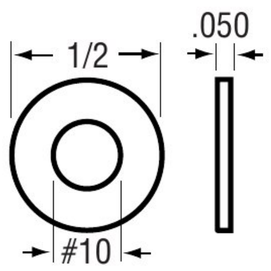
84-4311
Conical Washer

Dim: #10 ID x 7/16 OD x .035 T



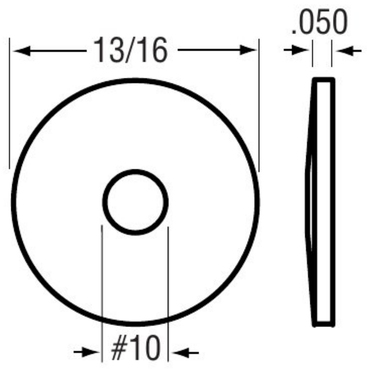
84-4305
Internal Tooth Square Conical Lock Washer

Dim: #10 ID x 1/2 OD x .042 T
Features:
- Black oxide finish



84-4304
Flat Washer

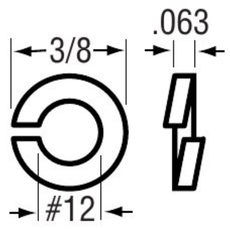
Dim: #10 ID x 1/2 OD x .050 T
Features:
- Zinc-plated



84-4310
Conical Washer

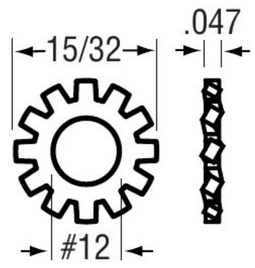
Dim: #10 ID x 13/16 OD x .050 T
Features:
- Zinc-plated

#12



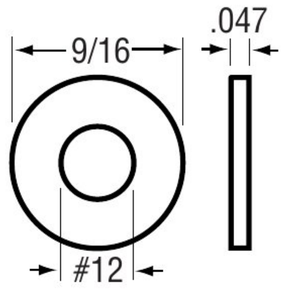
84-4307
Split Lock Washer

Dim: #12 ID x 3/8 OD x .063 T
Features:
- Zinc-plated



84-4303
External Tooth Lock Washer

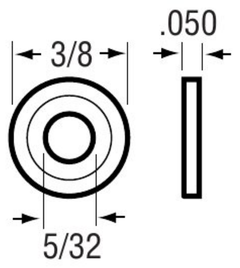
Dim: #12 ID x 15/32 OD x .047 T
Features:
- Zinc-plated



84-4306
Flat Washer

Dim: #12 ID x 9/16 OD x .047 T
Features:
- Zinc-plated

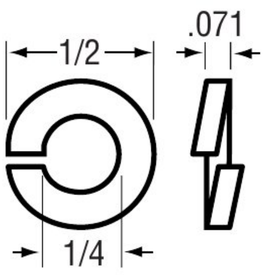
5/32



84-4102
Flat Washer

Dim: 5/32 ID x 3/8 OD x .050 T
Features:
- Concave surface
- Plain finish

1/4



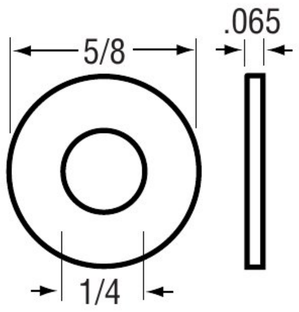
84-4401
Split Lock Washer

Dim: 1/4 ID x 1/2 OD x .071 T
Features:
- Zinc-plated

HARDWARE (84-, 85-)

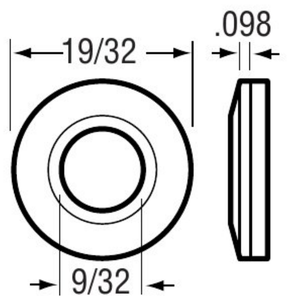
WASHERS - STANDARD

1/4 (cont'd.)



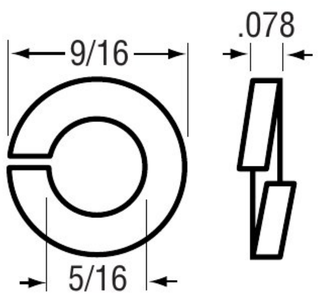
84-4403
Flat Washer
Dim: 1/4 ID x 5/8 OD x .065 T
Features:
• Zinc-plated

9/32

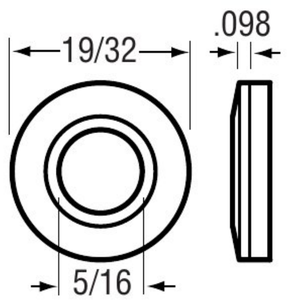


84-4400
Conical Washer w/ Seal
Dim: 9/32 ID x 19/32 OD x .098 T
Features:
• Zinc-plated steel w/ attached neoprene seal

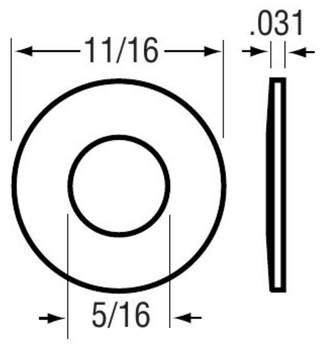
5/16



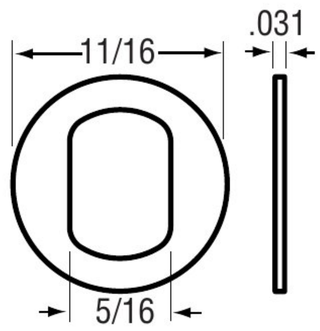
84-4402
Split Lock Washer
Dim: 5/16 ID x 9/16 OD x .078 T
Features:
• Zinc-plated



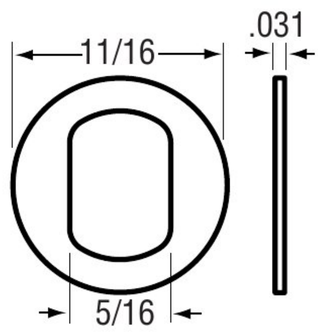
84-4410
Conical Washer w/ Seal
Dim: 5/16 ID x 19/32 OD x .098 T
Note: Slightly larger ID than 84-4400 for ease of installation in production assembly
Features:
• Zinc-plated steel w/ attached neoprene seal



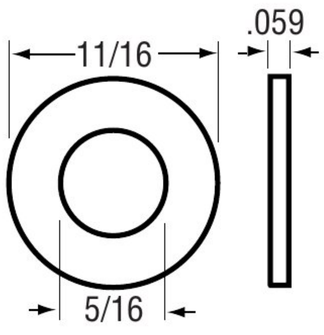
84-4407
Conical Washer
Dim: 5/16 ID x 11/16 OD x .031 T
Features:
• Zinc-plated



84-4900
Flat Washer
Dim: 5/16 ID x 11/16 OD x .031 T
Features:
• Oval hole
• Zinc-yellow plated

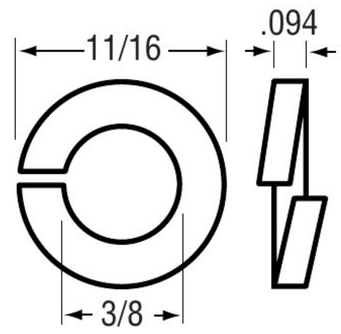


84-4900-1
Flat Washer
Dim: 5/16 ID x 11/16 OD x .031 T
Features:
• Oval hole
• Plain finish

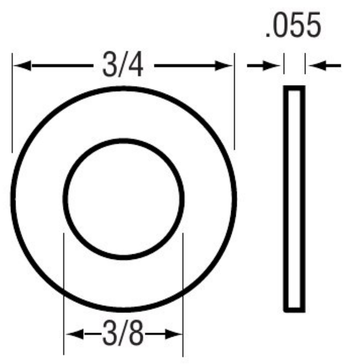


84-4405
Flat Washer
Dim: 5/16 ID x 11/16 OD x .059 T
Features:
• Zinc-plated

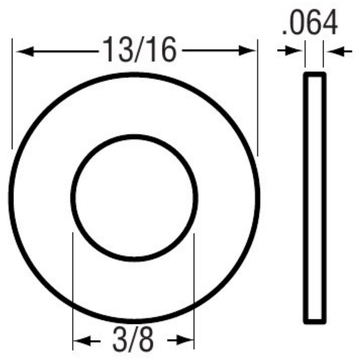
3/8



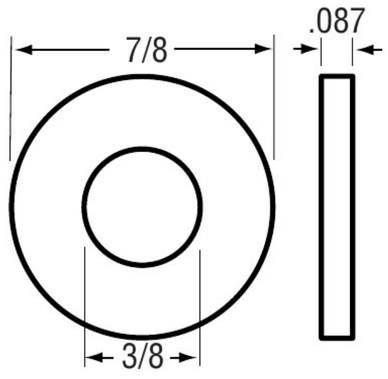
84-4500
Split Lock Washer
Dim: 3/8 ID x 11/16 OD x .094 T
Features:
• Zinc-plated



84-4506
Flat Washer
Dim: 3/8 ID x 3/4 OD x .055 T
Features:
• Zinc-yellow plated

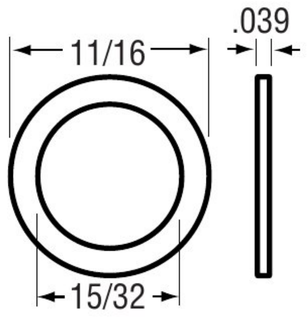


84-4501
Flat Washer
Dim: 3/8 ID x 13/16 OD x .064 T
Features:
• Zinc-plated



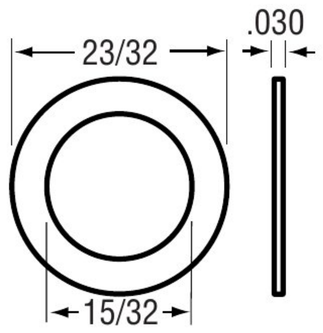
84-4507
Flat Washer
Dim: 3/8 ID x 7/8 OD x .087 T
Features:
• Zinc-plated

15/32



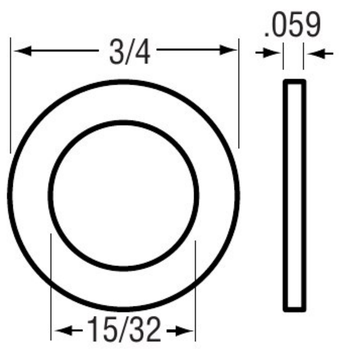
84-4503-1
Flat Washer

Dim: 15/32 ID x 11/16 OD x .039 T
Features:
- Zinc-plated



84-4503
Flat Washer

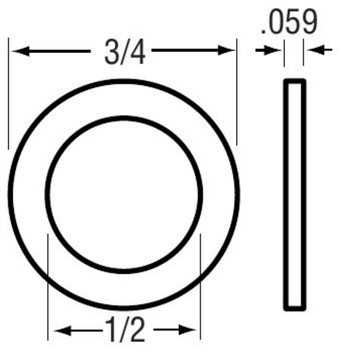
Dim: 15/32 ID x 23/32 OD x .030 T
Features:
- Zinc-plated



84-4614
Flat Washer

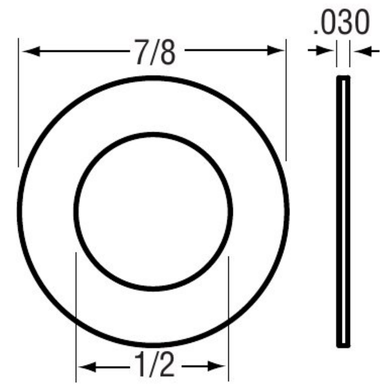
Dim: 15/32 ID x 3/4 OD x .059 T
Features:
- Zinc-plated

1/2



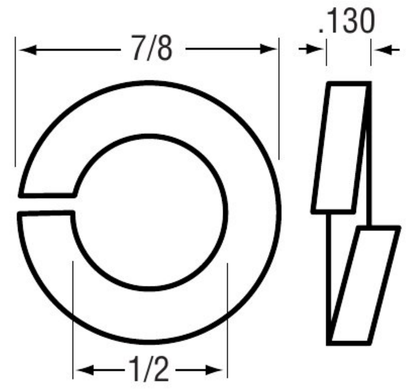
84-4615
Flat Washer

Dim: 1/2 ID x 3/4 OD x .059 T
Features:
- Zinc-plated



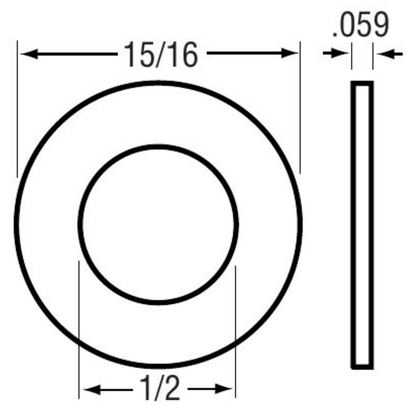
84-4603
Flat Washer

Dim: 1/2 ID x 7/8 OD x .030 T
Features:
- Zinc-yellow plated



84-4600
Split Lock Washer

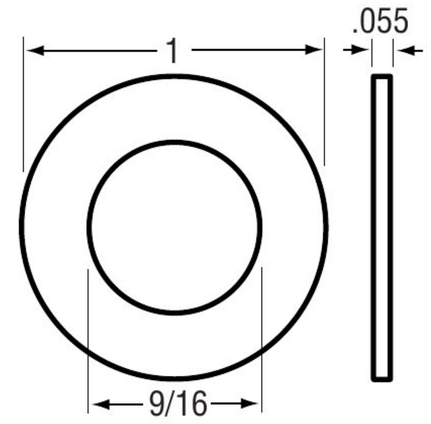
Dim: 1/2 ID x 7/8 OD x .130 T
Features:
- Zinc-yellow plated



84-4617
Flat Washer

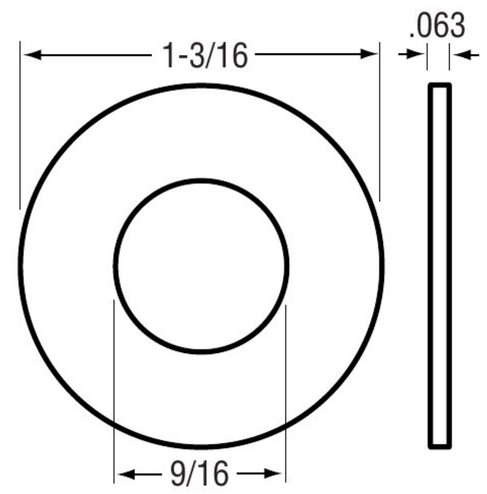
Dim: 1/2 ID x 15/16 OD x .059 T
Features:
- Zinc-plated

9/16



84-4610
Flat Washer

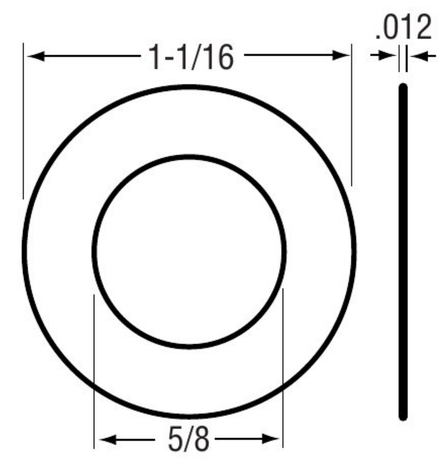
Dim: 9/16 ID x 1 OD x .055 T
Features:
- Black oxide finish
- Hardened



84-4613
Flat Washer

Dim: 9/16 ID x 1-3/16 OD x .063 T
Features:
- Black oxide finish
- Hardened

5/8



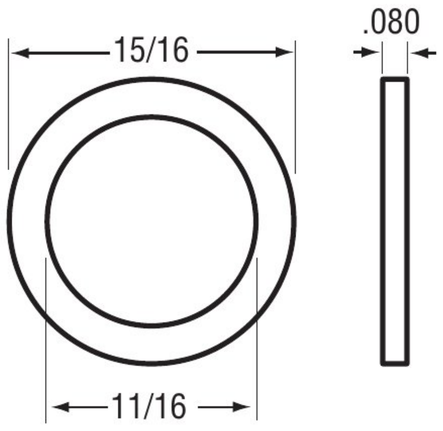
84-4616
Flat Washer

Dim: 5/8 ID x 1-1/16 OD x .012 T
Features:
- Copper plated

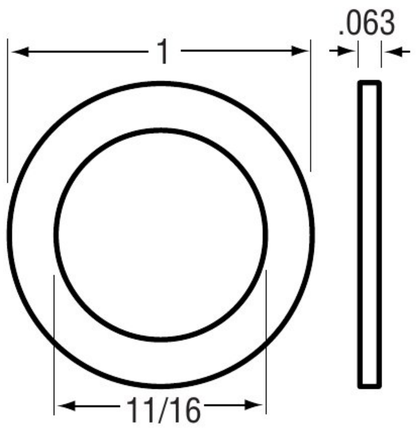
HARDWARE (84-, 85-)

WASHERS - STANDARD

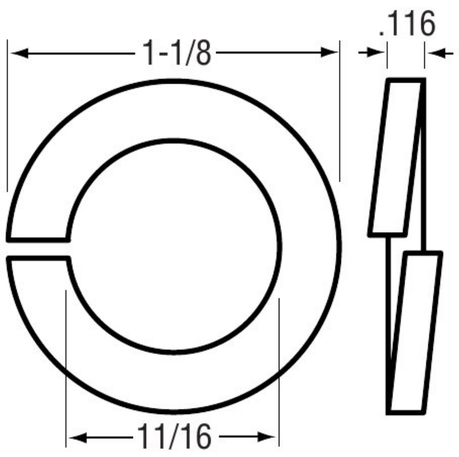
11/16



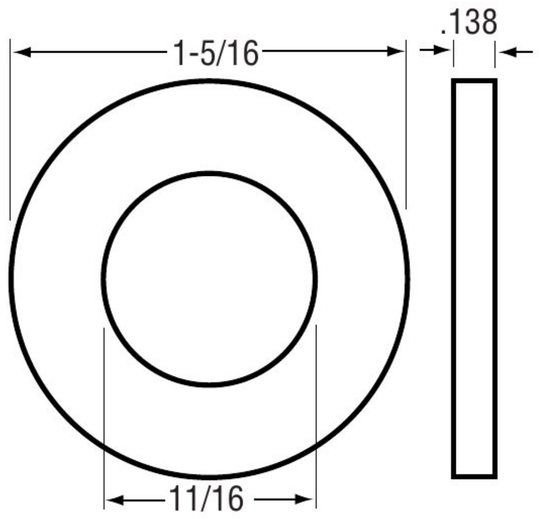
84-4619
Flat Washer
Dim: 11/16 ID x 15/16 OD x .080 T
Features:
- Zinc plated



84-4604
Flat Washer
Dim: 11/16 ID x 1 OD x .063 T
Features:
- Black oxide finish

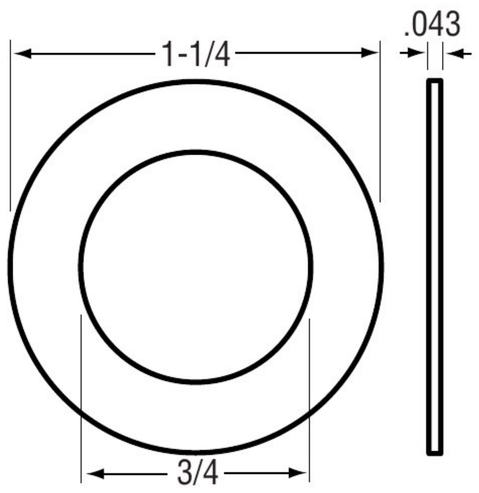


84-4606
Split Lock Washer
Dim: 11/16 ID x 1-1/8 OD x .116 T
Features:
- Zinc-yellow plated

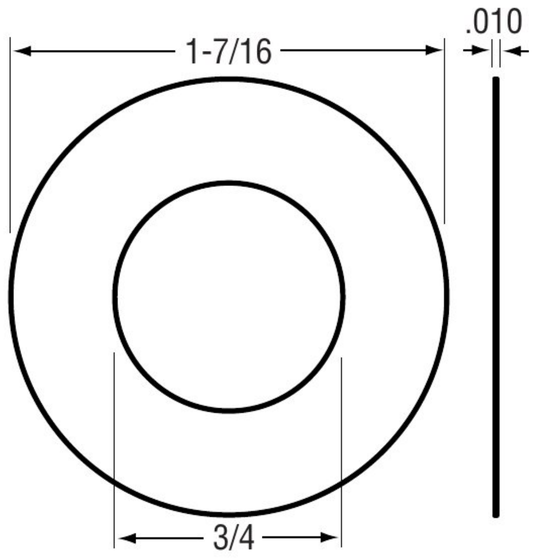


84-4609-1
Flat Washer
Dim: 11/16 ID x 1-5/16 OD x .138 T
Features:
- Zinc-yellow plated
- Hardened

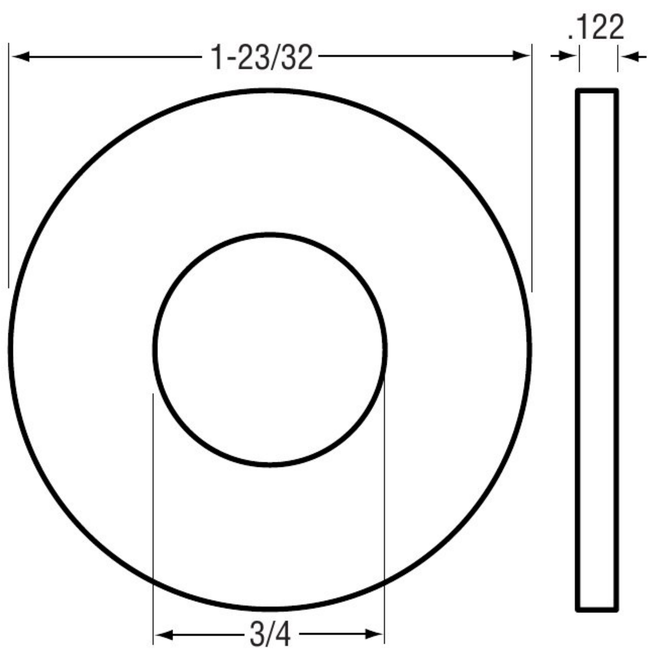
3/4



84-4709
Flat Washer
Dim: 3/4 ID x 1-1/4 OD x .043 T
Features:
- Zinc-plated

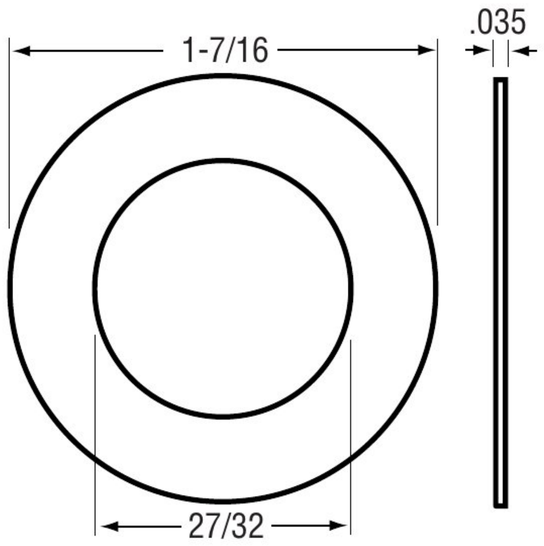


84-4712
Flat Washer
Dim: 3/4 ID x 1-7/16 OD x .010 T
Features:
- Plain finish

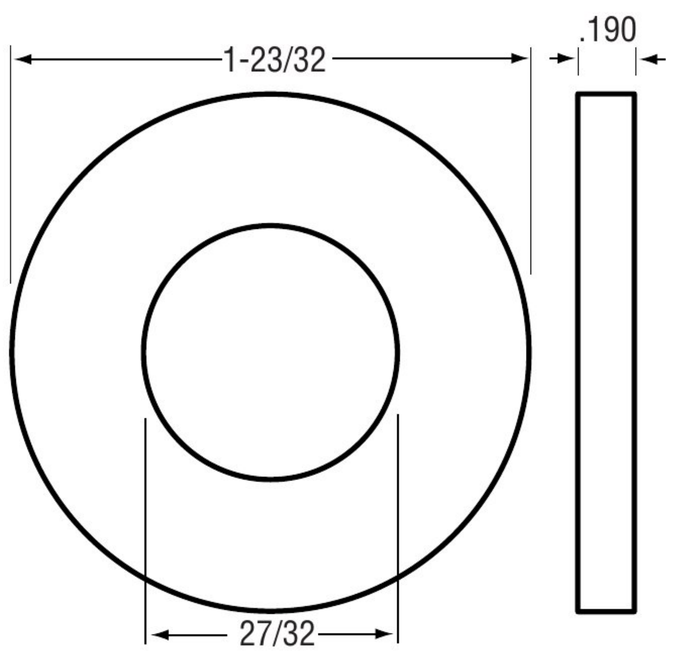


84-4710
Flat Washer
Dim: 3/4 ID x 1-23/32 OD x .122 T
Features:
- Zinc-plated

27/32



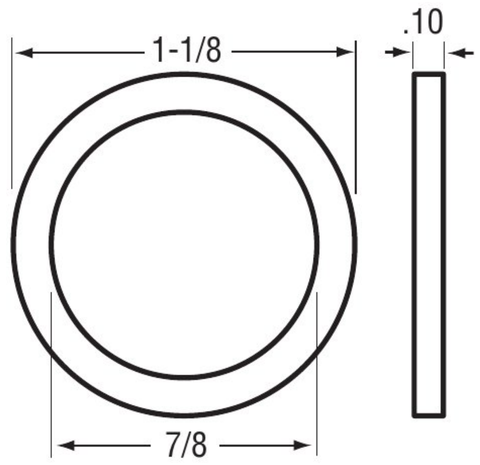
84-4703
Flat Washer
Dim: 27/32 ID x 1-7/16 OD x .035 T
Features:
- Zinc-plated



84-4702
Flat Washer
Dim: 27/32 ID x 1-23/32 OD x .190 T
Features:
- Zinc-plated

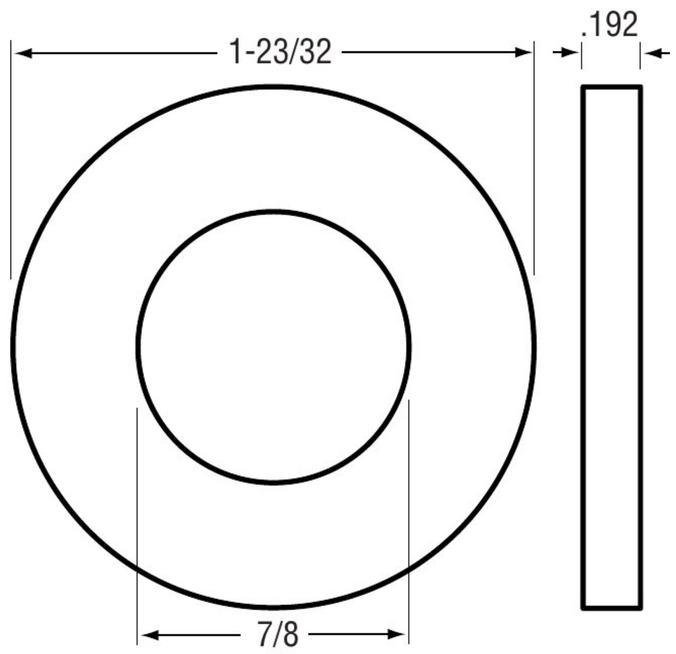
WASHERS - METRIC

7/8



84-4713
Flat Washer

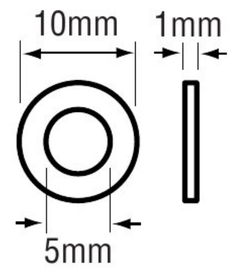
Dim: 7/8 ID x 1-1/8 OD x .10 T w/ Recess
Features:
- Steel, plain finish



84-4704
Flat Washer

Dim: 7/8 ID x 1-23/32 OD x .192 T
Features:
- Zinc-plated

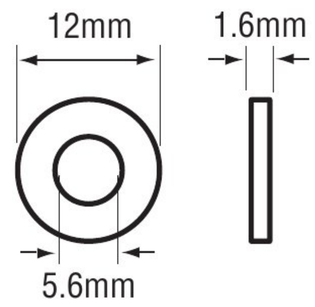
5mm



85-4302
Flat Washer

Dim: 5mm ID x 10mm OD x 1mm T
Features:
- Zinc-plated

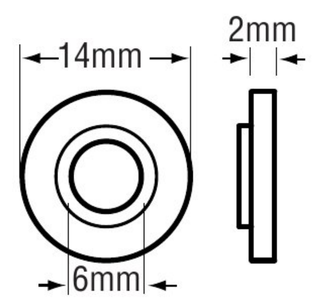
5.6mm



85-4308
Flat Washer

Dim: 5.6mm ID x 12mm OD x 1.6mm T
Note: 1.6mm thick spacer for aftermarket Delco CS130D rectifiers using CS130 heat sink. Used on top of the mounting hole where the 4mm torx head screw attaches the regulator & rectifier to the SRE frame.

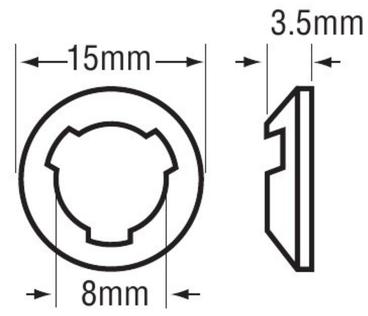
6mm



85-4305
Conical Washer w/ Seal

Dim: 6mm ID x 14mm OD x 2mm T
Features:
- Zinc-yellow plated w/ attached rubber seal

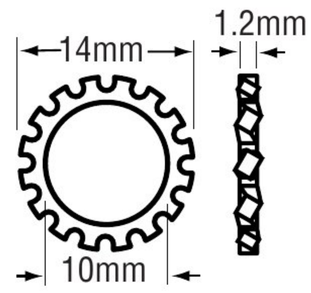
8mm



85-9401
Lock Washer

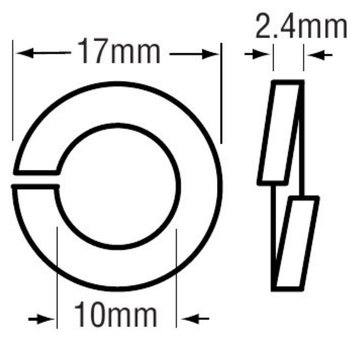
Dim: 8mm ID x 15mm OD x 3.5mm T
Note: Used to secure 8mm solenoid terminals in solenoid cap
Features:
- Tin plated
- Design grips between threads of terminal to lock terminal securely into place

10mm



85-4306
External Tooth Lock Washer

Dim: 10mm ID x 14mm OD x 1.2mm T
Features:
- Zinc-plated



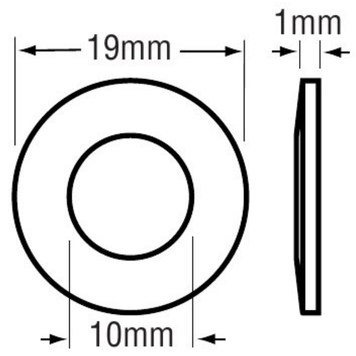
85-4500
Split Lock Washer

Dim: 10mm ID x 17mm OD x 2.4mm T
Features:
- Zinc-plated

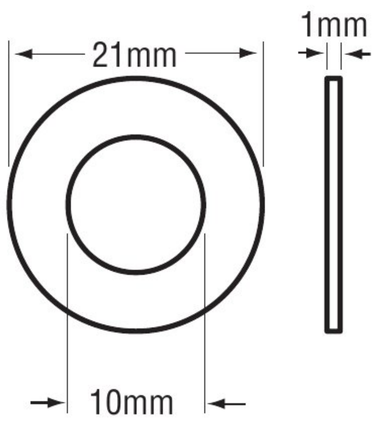
HARDWARE (84-, 85-)

WASHERS - METRIC

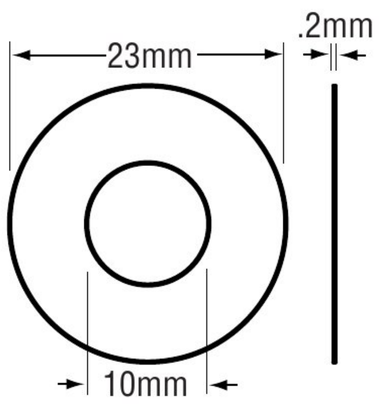
10mm (cont'd.)



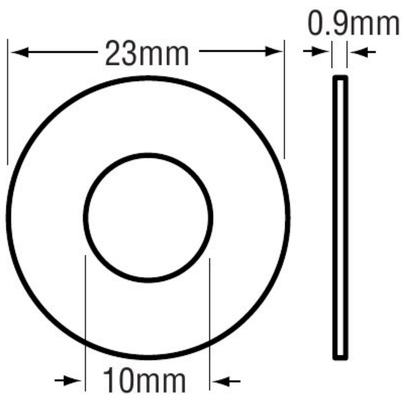
85-4503
Conical Washer
Dim: 10mm ID x 19mm OD x 1mm T
Features:
• Zinc-yellow plated



85-4505
Flat Washer
Dim: 10mm ID x 21mm OD x 1mm T

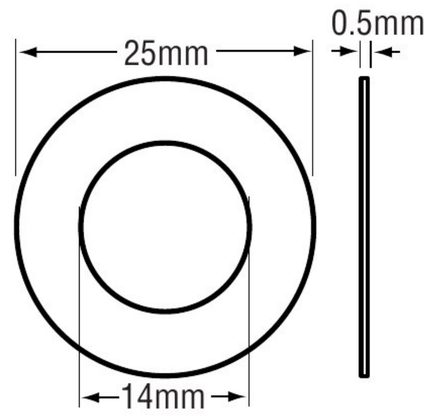


85-4502
Flat Washer
Dim: 10mm ID x 23mm OD x 0.2mm T
Features:
• Plain finish



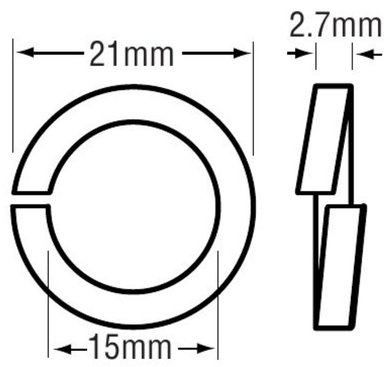
85-4501
Flat Washer
Dim: 10mm ID x 23mm OD x 0.9mm T
Features:
• Plain finish

14mm



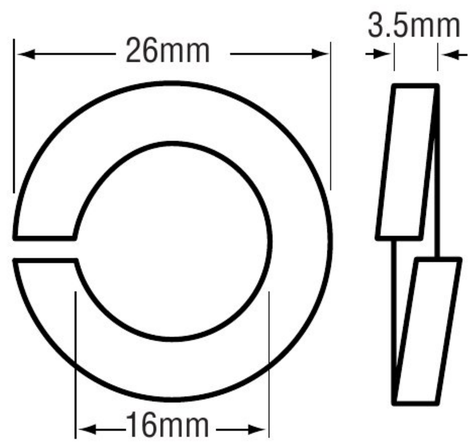
85-4905
Flat Washer
Dim: 14mm ID x 25mm OD x .5mm T
Features:
• Plain finish

15mm



85-4602
Split Lock Washer
Dim: 15mm ID x 21mm OD x 2.7mm T
Features:
• Zinc-plated

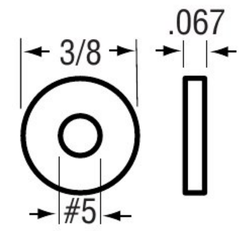
16mm



85-4601
Split Lock Washer
Dim: 16mm ID x 26mm OD x 3.5mm T
Features:
• Zinc-yellow plated

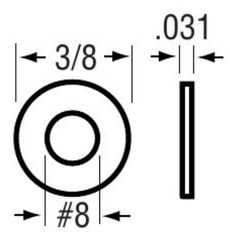
WASHERS, NON-METALLIC STANDARD

#5



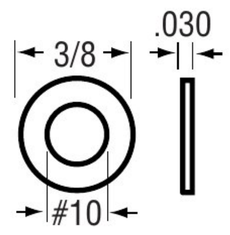
84-7100
Insulating Washer
Dim: #5 ID x 3/8 OD x .067 T
Features:
• Fiber

#8

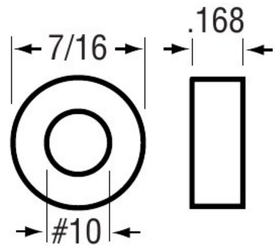


84-7303
Insulating Washer
Dim: #8 ID x 3/8 OD x .031 T
Features:
• Fiber

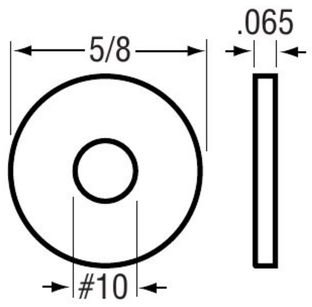
#10



84-7306
Insulating Washer
Dim: #10 ID x 3/8 OD x .030 T
Features:
• Phenolic

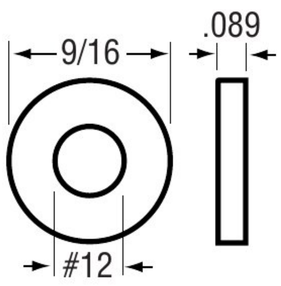


84-7200
Insulating Washer
Dim: #10 ID x 7/16 OD x .168 T
Features:
• Phenolic



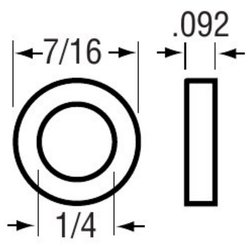
84-7301
Insulating Washer
Dim: #10 ID x 5/8 OD x .065 T
Features:
• Phenolic

#12

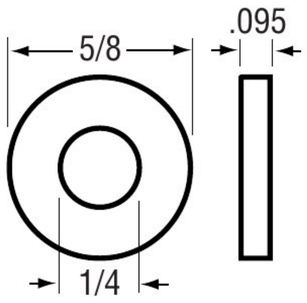


84-7300
Insulating Washer
Dim: #12 ID x 9/16 OD x .089 T
Features:
• Phenolic

1/4

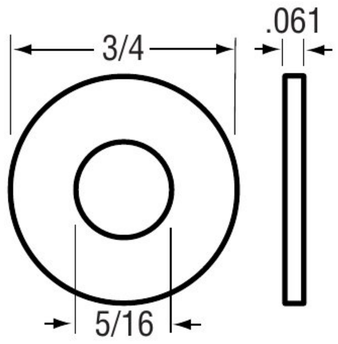


84-7201
Insulating Washer
Dim: 1/4 ID x 7/16 OD x .092 T
Features:
• Phenolic



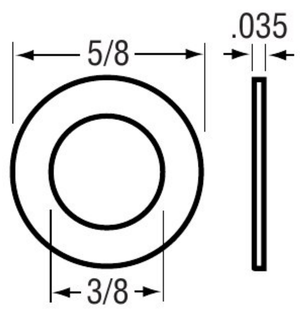
84-7400
Insulating Washer
Dim: 1/4 ID x 5/8 OD x .095 T
Features:
• Fiberglass
• Red color

5/16

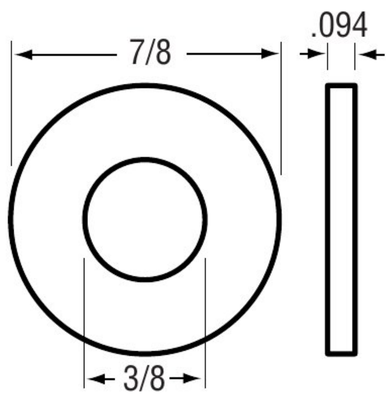


84-7401
Insulating Washer
Dim: 5/16 ID x 3/4 OD x .061 T
Features:
• Fiber

3/8

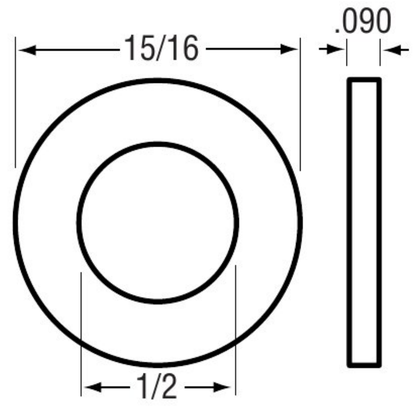


84-7501
Insulating Washer
Dim: 3/8 ID x 5/8 OD x .035 T
Features:
• Fiber

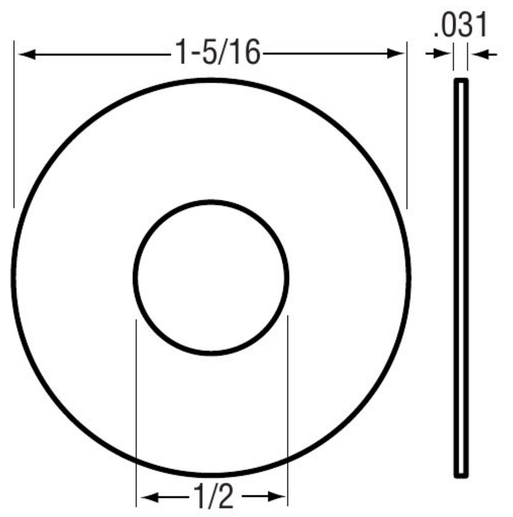


84-7500
Insulating Washer
Dim: 3/8 ID x 7/8 OD x .094 T
Features:
• Fiberglass

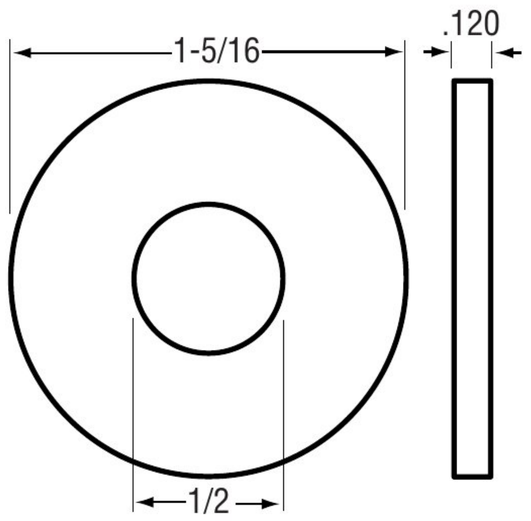
1/2



84-7600
Insulating Washer
Dim: 1/2 ID x 15/16 OD x .090 T
Features:
• Phenolic



84-7607
Fiber Washer
Dim: 1/2 ID x 1-5/16 OD x .031 T
Features:
• Fiber

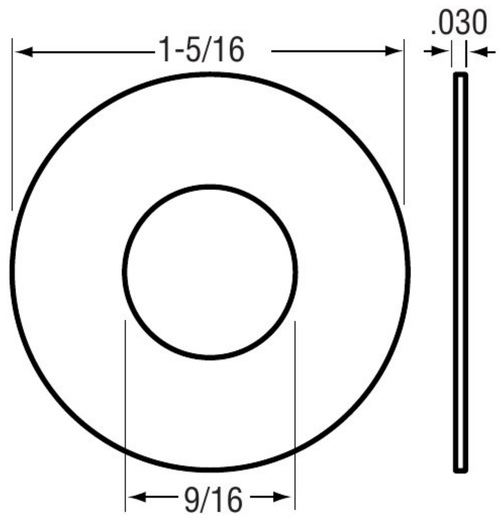


84-7605
Brake Washer
Dim: 1/2 ID x 1-5/16 OD x .120 T
Features:
• Leather

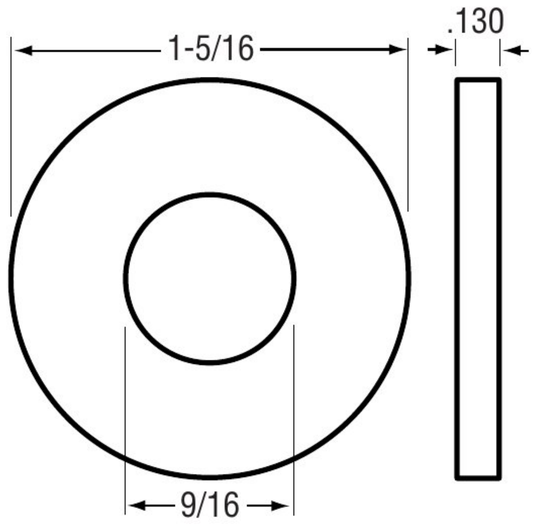
HARDWARE (84-, 85-)

WASHERS, NON-METALLIC STANDARD

9/16

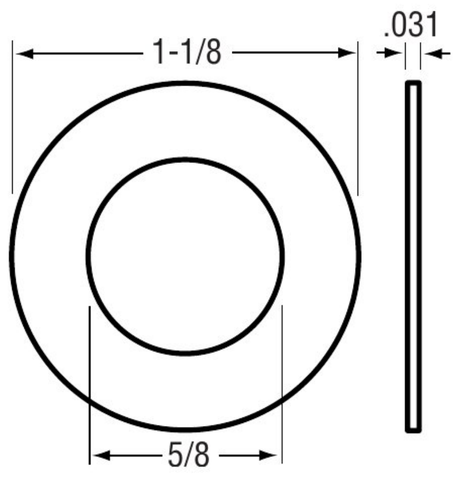


84-7608
Fiber Washer
Dim: 9/16 ID x 1-5/16 OD x .030 T
Features:
• Fiber

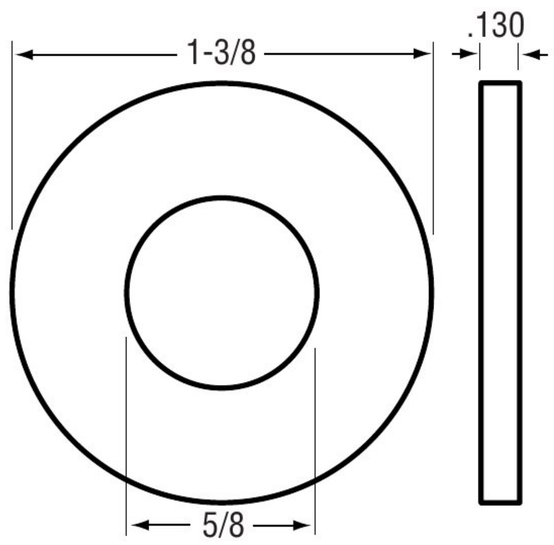


84-7606
Brake Washer
Dim: 9/16 ID x 1-5/16 OD x .130 T
Features:
• Leather

5/8

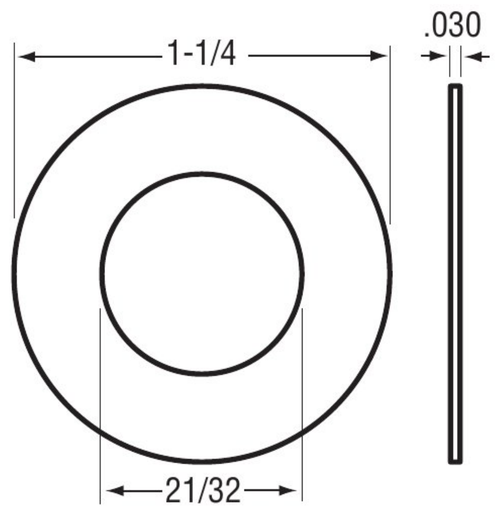


84-7604
Fiber Washer
Dim: 5/8 ID x 1-1/8 OD x .031 T
Features:
• Fiber



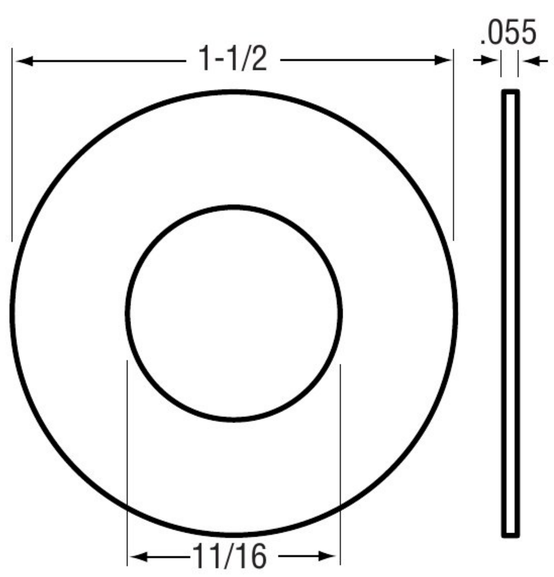
84-7603
Brake Washer
Dim: 5/8 ID x 1-3/8 OD x .130 T
Features:
• Wax-coated leather

21/32

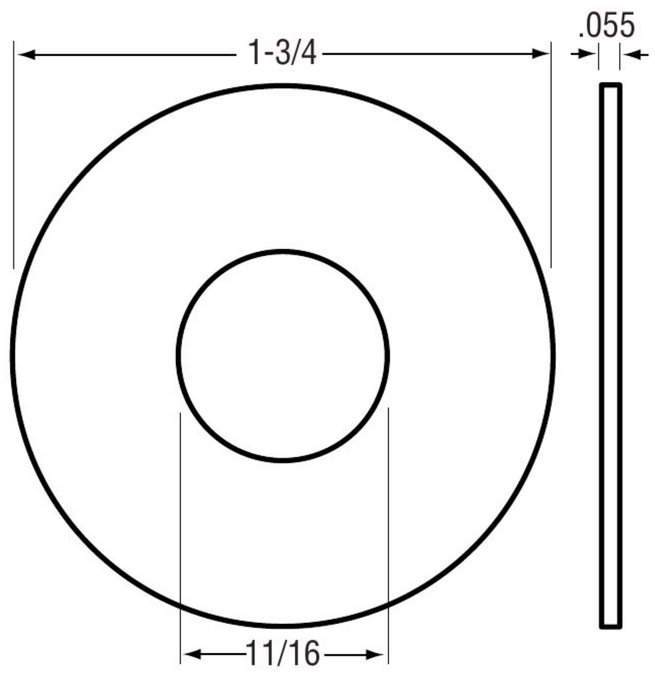


84-7711
Fiber Washer
Dim: 21/32 ID x 1-1/4 OD x .030 T
Features:
• Fiber

11/16

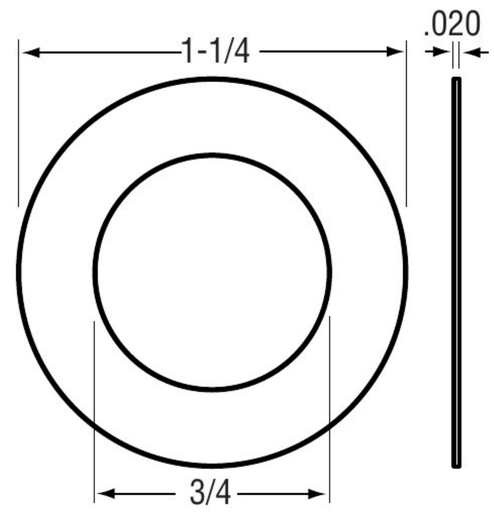


84-7601
Brake Washer
Dim: 11/16 ID x 1-1/2 OD x .055 T
Features:
• Leather

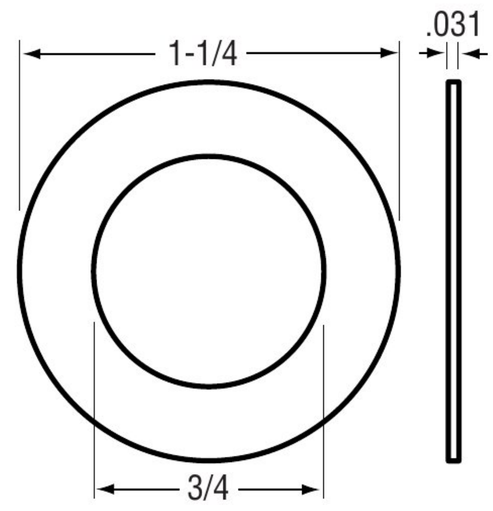


84-7602
Brake Washer
Dim: 11/16 ID x 1-3/4 OD x .055 T
Features:
• Leather

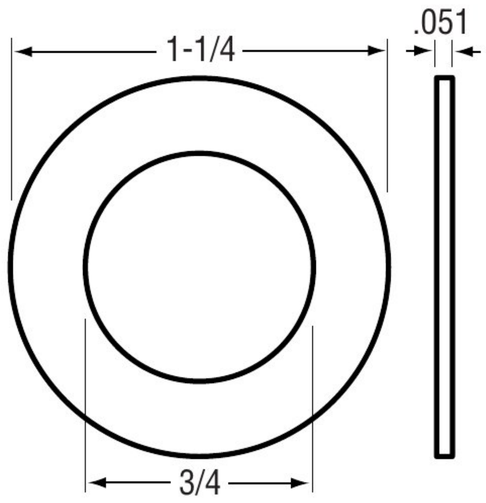
3/4



84-7701
Brake Washer
Dim: 3/4 ID x 1-1/4 OD x .020 T
Features:
• Fiber

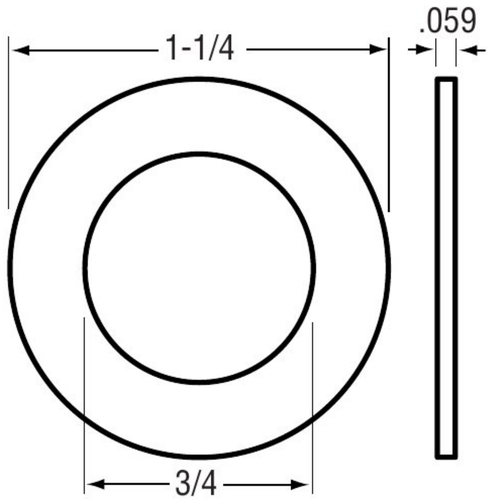


84-7705
Brake Washer
Dim: 3/4 ID x 1-1/4 OD x .031 T
Features:
• Fiber



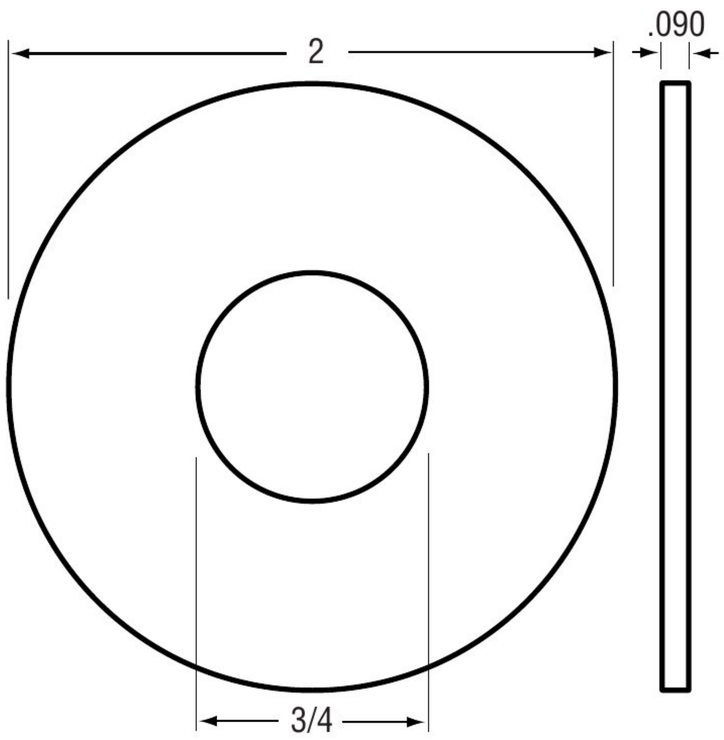
84-7703
Brake Washer

Dim: 3/4 ID x 1-1/4 OD x .051 T
Features:
• Fiber



84-7700
Brake Washer

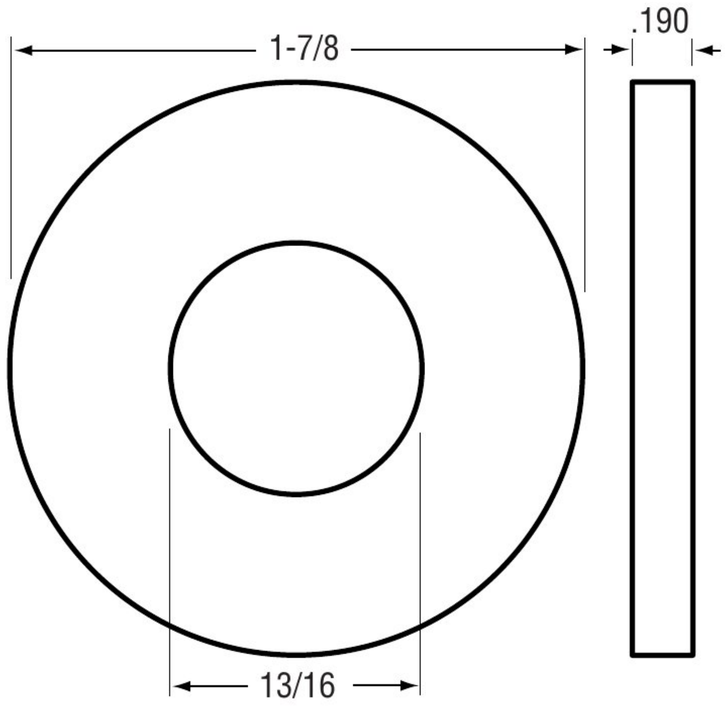
Dim: 3/4 ID x 1-1/4 OD x .059 T
Features:
• Fiber



84-7706
Brake Washer

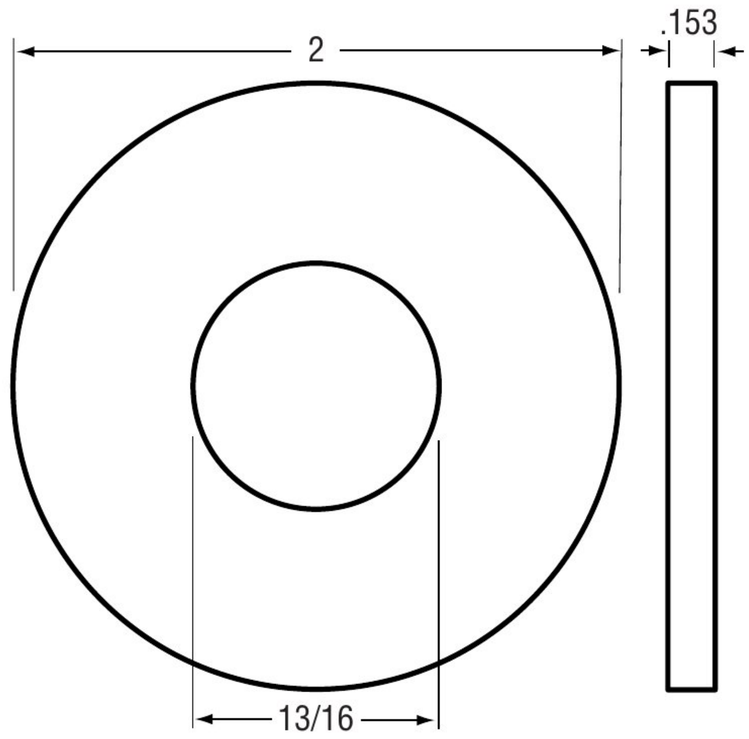
Dim: 3/4 ID x 2 OD x .090 T
Features:
• Fiber

13/16



84-7707
Brake Washer

Dim: 13/16 ID x 1-7/8 OD x .190 T
Features:
• Fiber

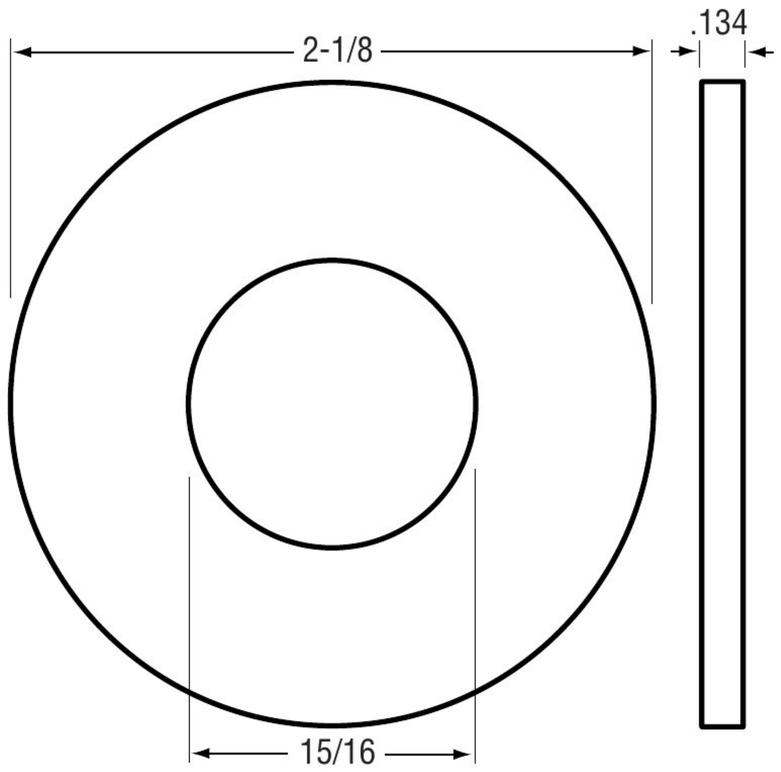


84-7709
Brake Washer

Dim: 13/16 ID x 2 OD x .153 T
Features:
• Fiber

WASHERS, NON-METALLIC - STANDARD

15/16



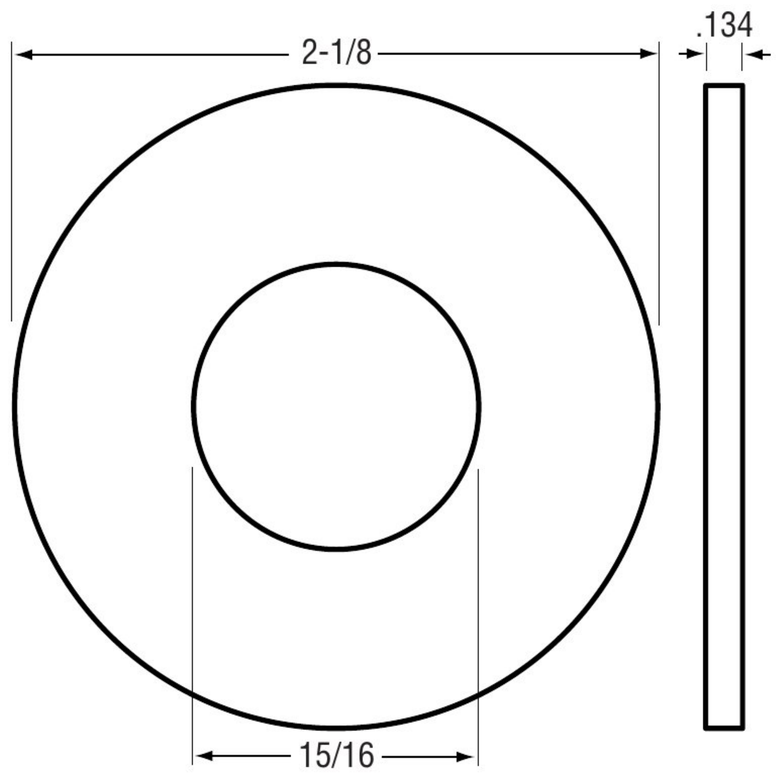
84-7708

Brake Washer

Dim: 15/16 ID x 2-1/8 OD x .134 T

Features:

- Cork/rubber



84-7708-1

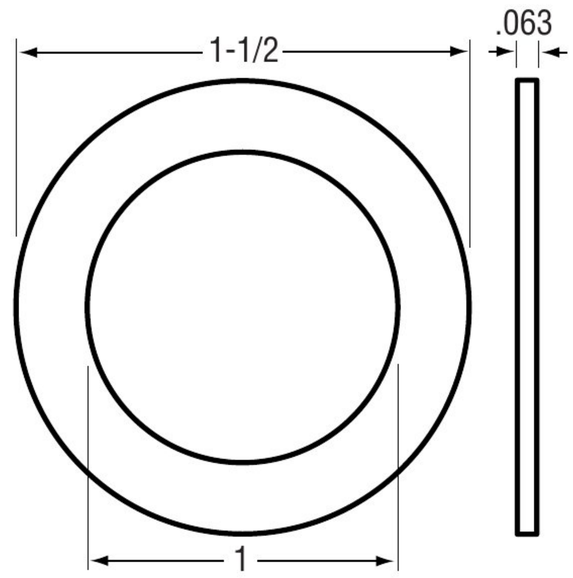
Brake Washer

Dim: 15/16 ID x 2-1/8 OD x .134 T

Features:

- Fiber

1"



84-7704

Fiber Washer

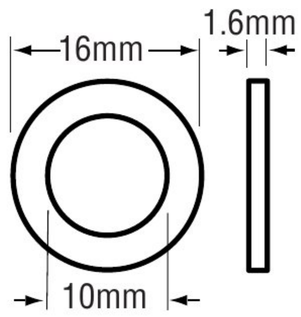
Dim: 1 ID x 1-1/2 OD x .063 T

Features:

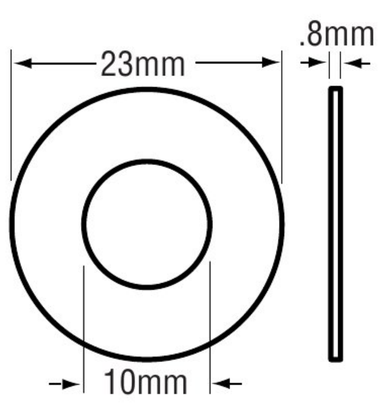
- Fiber

WASHERS, NON-METALLIC - METRIC

10mm

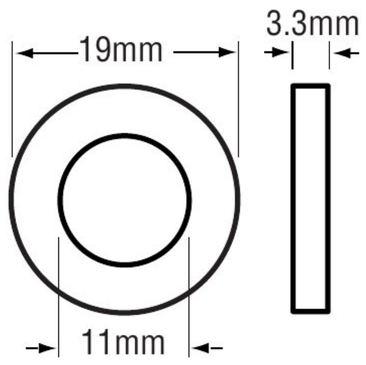


85-7503
Insulating Washer
Dim: 10mm ID x 16mm OD x 1.6mm T
Features:
• Fiber



85-7500
Insulating Washer
Dim: 10mm ID x 23mm OD x .8mm T
Features:
• Phenolic

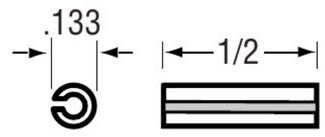
11mm



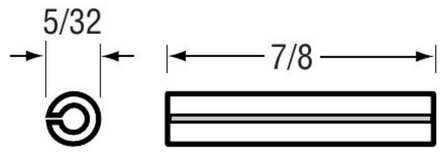
85-7501
Felt Washer
Dim: 11mm ID x 19mm OD x 3.3mm T
Features:
• Felt

PINS

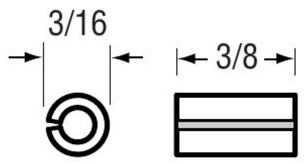
Split Pins



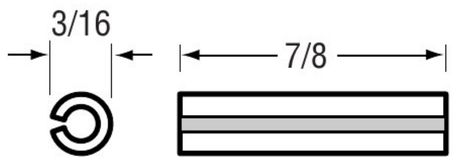
84-5900
Split Roll Pin
Dim: .133 OD x 1/2 L



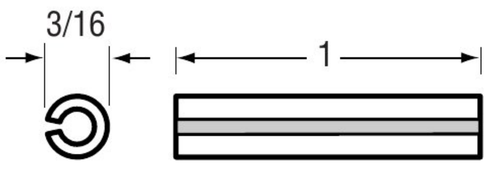
84-5914
Split Roll Pin
Dim: 5/32 Dia. x 7/8 L



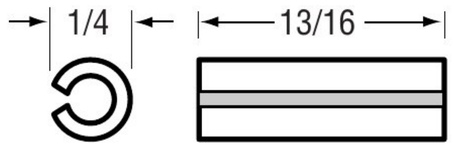
84-5902
Split Roll Pin
Dim: 3/16 OD x 3/8 L
Features:
• Black oxide finish



84-5903
Split Roll Pin
Dim: 3/16 OD x 7/8 L



84-5901
Split Roll Pin
Dim: 3/16 OD x 1 L

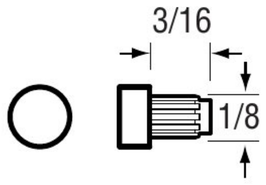


84-5909
Split Roll Pin
Dim: 1/4 OD x 13/16 L

HARDWARE (84-, 85-)

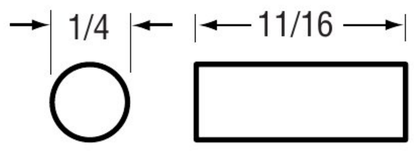
PINS

Solid Pins



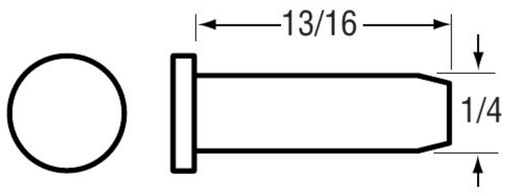
84-5905
Solid Pin

Dim: 1/8 Dia. x 3/16
Features:
- Knurled
- Zinc-plated



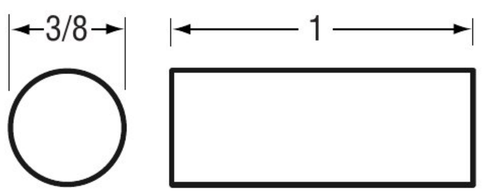
84-5911
Solid Pin

Dim: 1/4 Dia. x 11/16 L



84-5906
Shift Lever Pin

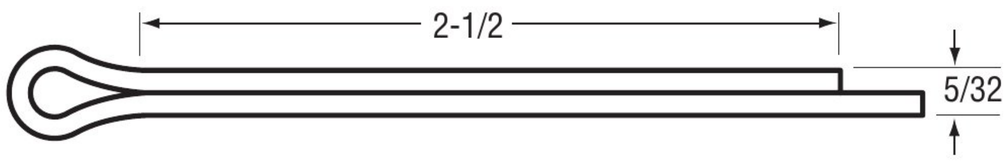
Dim: 1/4 Dia. x 13/16
Features:
- Heat treated
- Correct length so it won't move under the cover
- Pushes in by hand



84-5910
Locating Dowel Pin

Dim: 3/8 Dia. x 1" L

Cotter Pins

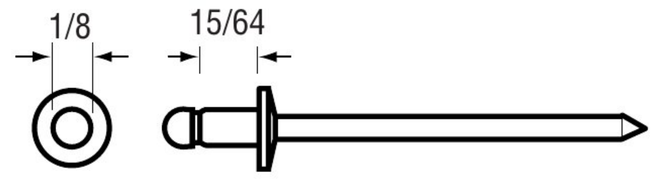


84-5908
Cotter Pin

Dim: 5/32 Dia. x 2-1/2 L

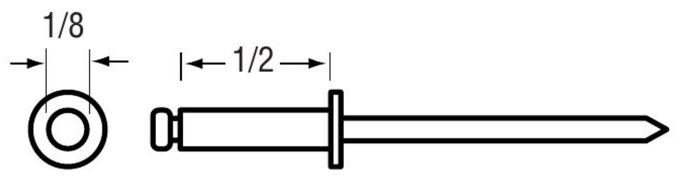
RIVETS

Blind Rivets



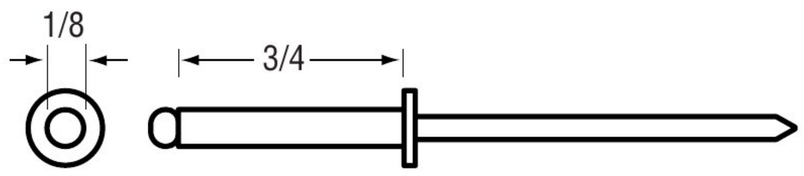
84-3917
Blind Rivet

Dim: 1/8 Dia. x 15/64 L
Note: #30 drill size
Features:
- Stainless Steels
- Grip range /16-1/8



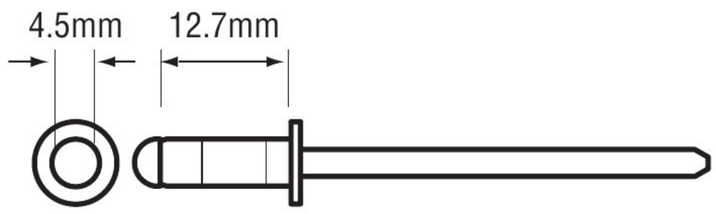
84-3919
Blind Rivet

Dim: 1/8 Dia. x 1/2 L
Note: #30 drill size
Features:
- Aluminum
- Grip range 5/16-3/8



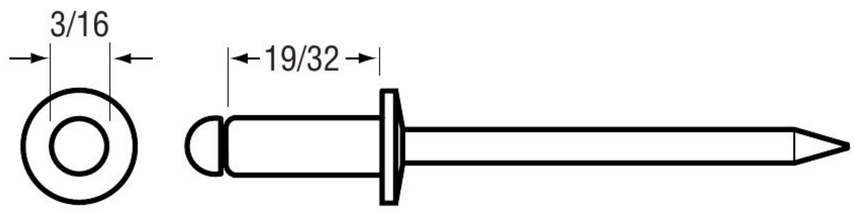
84-3918
Blind Rivet

Dim: 1/8 Dia. x 3/4 L
Note: #30 drill size
Features:
- Aluminum
- Grip range 1/2-5/8



85-3200
Blind Rivet

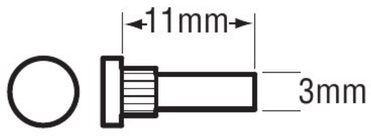
Dim: 4.5mm Dia. x 12.7mm L
Features:
- Aluminum
- Grip Range 7.8mm



84-3921
Blind Rivet

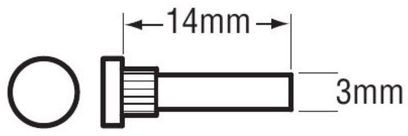
Dim: 3/16 Dia. x 19/32 L
Note: #11 drill size
Features:
- Stainless steel
- Grip range 11/32-13/32

Semi-Tubular Rivets



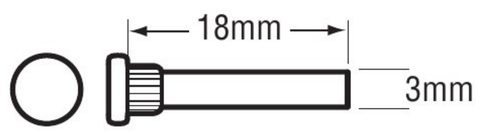
85-3201
Semi-Tubular Rivet

Dim: 3mm Dia. x 11mm L
Features:
- Steel
- Knurled shaft



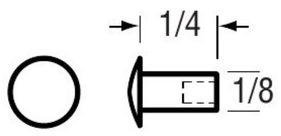
85-3202
Semi-Tubular Rivet

Dim: 3mm Dia. x 14mm L
Features:
- Steel
- 4mm knurled shaft



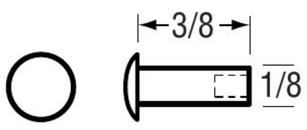
85-3203
Semi-Tubular Rivet

Dim: 3mm Dia. x 18mm L
Features:
- Steel
- 4mm knurled shaft



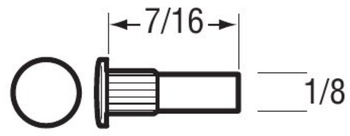
84-3903
Semi-Tubular Rivet

Dim: 1/8 Dia. x 1/4 L
Features:
- Steel
- Grip range 5/32



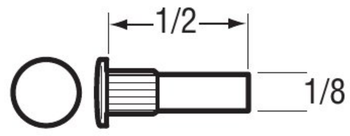
84-3905
Semi-Tubular Rivet

Dim: 1/8 Dia. x 3/8 L
Features:
- Steel
- Grip range 9/32



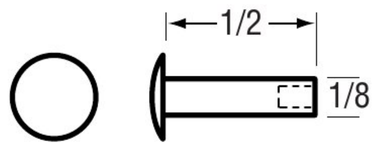
84-3916-1
Semi-Tubular Rivet

Dim: 1/8 Dia. x 7/16 L
Features:
- Steel
- .133 knurled shaft
- Grip range 3/8



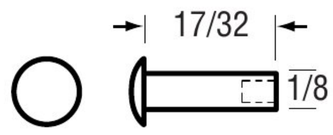
84-3916
Semi-Tubular Rivet

Dim: 1/8 Dia. x 1/2 L
Features:
- Steel
- .133 knurled shaft
- Grip range 3/8



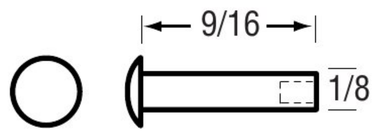
84-3907
Semi-Tubular Rivet

Dim: 1/8 Dia. x 1/2 L
Features:
- Steel
- Grip range 13/32



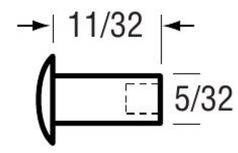
84-3912
Semi-Tubular Rivet

Dim: 1/8 Dia. x 17/32 L
Features:
- Steel
- Grip range 7/16



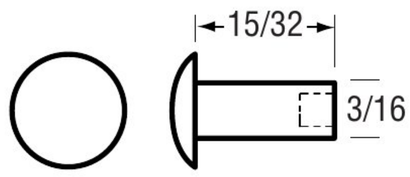
84-3910
Semi-Tubular Rivet

Dim: 1/8 Dia. x 9/16 L
Features:
- Steel
- Grip range 1/2



84-3913
Semi-Tubular Rivet

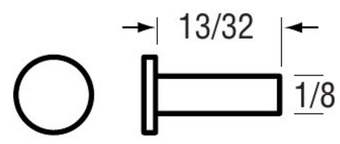
Dim: 5/32 Dia. x 11/32 L
Features:
- Steel
- Grip range 7/32



84-3909
Semi-Tubular Rivet

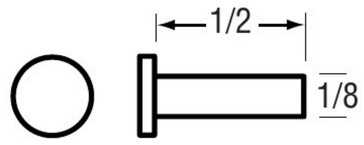
Dim: 3/16 Dia. x 15/32 L
Features:
- Steel
- Grip range 5/16

Solid Rivets



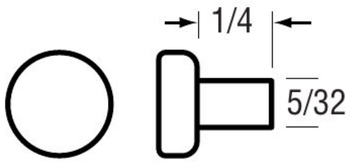
84-3900
Rivet

Dim: 1/8 Dia. x 13/32 L
Features:
- Solid copper



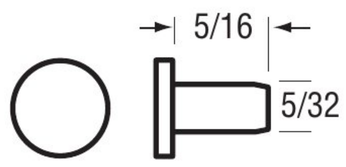
84-3908
Rivet

Dim: 1/8 Dia. x 1/2 L
Features:
- Solid copper



84-3902
Rivet

Dim: 5/32 Dia. x 1/4 L
Features:
- Solid copper

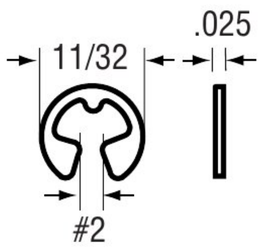


84-3906
Rivet

Dim: 5/32 Dia. x 5/16 L
Features:
- Steel

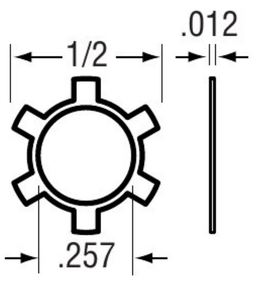
HARDWARE (84-, 85-)

RETAINERS



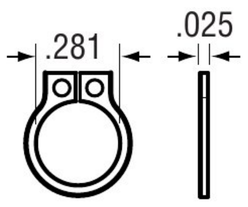
84-8910
External E-Ring

Dim: #2 ID x 11/32 OD x .025 T
Features:
- Phosphate-plated



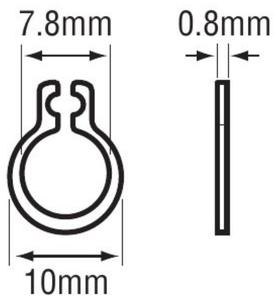
84-8907
Retainer

Dim: .257 ID x 1/2 OD x .012 T
Features:
- Push-on



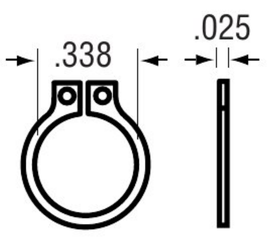
84-8900
External Snap Ring

Dim: .281 ID x .025 T



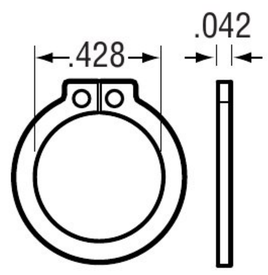
84-8914
External Snap Ring

Dim: 7.8mm ID x 10mm OD x .8mm T



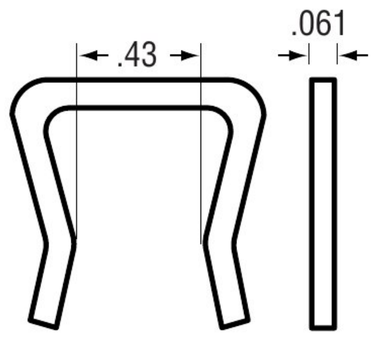
84-8901
External Snap Ring

Dim: .338 ID x .025 T



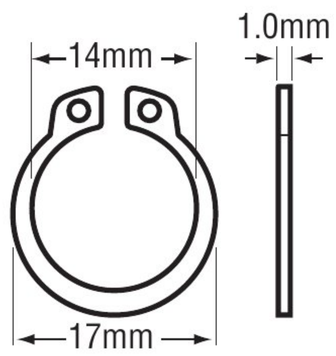
84-8905
External Snap Ring

Dim: .428 ID x .042 T



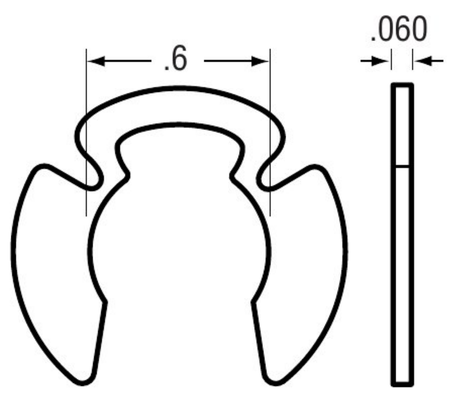
84-8903
Retainer

Dim: .43 ID x .061 T
Features:
- Phosphate-plated



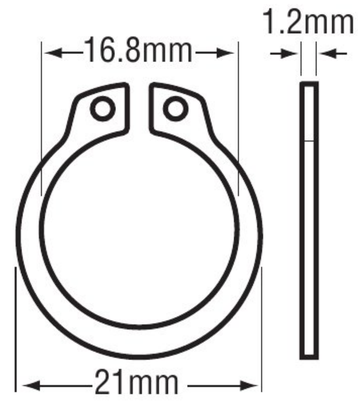
84-8915
External Snap Ring

Dim: 14mm ID x 17mm OD x 1.0mm T



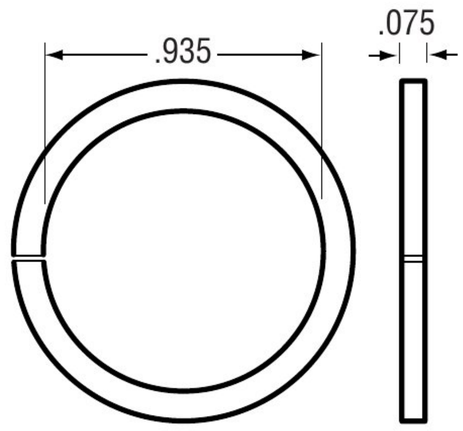
84-8906
External E-Ring

Dim: .6 ID x .060 T



84-8913
External Snap Ring

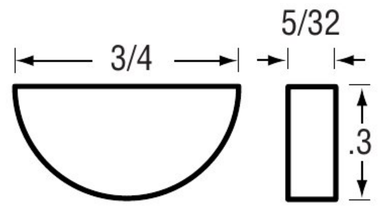
Dim: 16.8mm ID x 21mm OD x 1.2mm T



84-8909
Retaining Ring

Dim: .935 ID x .075 T

WOODRUFF KEYS



84-6900
Woodruff Key

Dim:
4mm W x 18.6mm Dia. x 7.6mm Height
5/32" W x 3/4" Dia. x .3" Height

O-RING DIMENSION CHART

Millimeters			Inches			WAI No.
ID	OD	W	ID	OD	W	
4	7.5	1.8	5/32	5/16	1/16	71-82507
4.7	8	1.7	3/16	5/16	1/16	71-1510
5	8	1.8	-	-	-	71-82502
6	9.6	1.8	1/4	3/8	1/16	71-82514
6	10	1.8	1/4	3/8	1/16	71-1504
7.6	11.2	1.8	-	-	-	71-82512
8	11.0	1.8	5/16	7/16	1/16	71-1501
9.2	12.6	1.8	3/8	1/2	1/16	71-1500
9.8	13.8	1.9	-	-	-	71-82516
15.5	20.7	2.6	5/8	13/16	3/32	71-1505
31.5	35	1.5	1-1/4	1-3/8	1/16	41-91500
39.3	44.5	2.6	1-9/16	1-3/4	3/32	41-3500
41	44.5	1.8	1-5/8	1-3/4	1/16	41-5500
47.3	52.5	2.6	1-7/8	2-1/16	3/32	71-82506
56.7	63.7	3.5	2-1/4	2-1/2	1/8	71-1506
69	73	1.8	2-3/4	2-13/16	1/16	71-82510
69.5	73.5	2	2-3/4	2-7/8	3/32	71-82504
80	83	1.5	3-1/8	3-1/4	1/16	71-83501
82	85.6	1.8	3-7/32	3-3/8	1/16	71-84500
84.5	89.7	2.5	3-5/16	3-1/2	3/32	71-1508
95	99	2	3-3/4	3-7/8	1/16	71-82513
105	112	3.5	4-1/8	4-13/32	1/8	71-1503
114.5	121	3.5	4-1/2	4-3/4	1/8	71-1509
125	130	2.5	4-15/16	5-1/8	3/32	71-1507

CONVERSION CHART - FRACTION, DECIMAL, METRIC

Fraction (in.)	Decimal (in.)	Metric (mm)	Fraction (in.)	Decimal (in.)	Metric (mm)
1/64	.015625	0.3969	33/64	.515625	13.0969
1/32	.03125	0.7938	17/32	.53125	13.4938
3/64	.046875	1.1906	35/64	.546875	13.8906
1/16	**.0625**	**1.5875**	**9/16**	**.5625**	**14.2875**
5/64	.078125	1.9844	37/64	.578125	14.6844
3/32	.09375	2.3813	19/32	.59375	15.0813
7/64	.109375	2.7781	39/64	.609375	15.4781
1/8	.125	3.1750	5/8	.625	15.8750
9/64	.140625	3.5719	41/64	.640625	16.2719
5/32	.15625	3.9688	21/32	.65625	16.6688
11/64	.171875	4.3656	43/64	.671875	17.0656
3/16	**.1875**	**4.7625**	**11/16**	**.6875**	**17.4625**
13/64	.203125	5.1594	45/64	.703125	17.8594
7/32	.21875	5.5563	23/32	.71875	18.2563
15/64	.234375	5.9531	47/64	.734375	18.6531
1/4	.25	6.3500	3/4	.75	19.0500
17/64	.265625	6.7469	49/64	.765625	19.4469
9/32	.28125	7.1438	25/32	.78125	19.8438
19/64	.296875	7.5406	51/64	.796875	20.2406
5/16	**.3125**	**7.9375**	**13/16**	**.8125**	**20.6375**
21/64	.328125	8.3344	53/64	.828125	21.0344
11/32	.34375	8.7313	27/32	.84375	21.4313
23/64	.359375	9.1281	55/64	.859375	21.8281
3/8	.375	9.5250	7/8	.875	22.2250
25/64	.390625	9.9219	57/64	.890625	22.6219
13/32	.40625	10.3188	29/32	.90625	23.0188
27/64	.421875	10.7156	59/64	.921875	23.4156
7/16	**.4375**	**11.1125**	**15/16**	**.9375**	**23.8125**
29/64	.453125	11.5094	61/64	.953125	24.2094
15/32	.46875	11.9063	31/32	.96875	24.6063
31/64	.484375	12.3031	63/64	.984375	25.0031
1/2	.5	12.7000	1	1.0	25.4000

BONDING COMPOUNDS

Epoxies



89-209
Quick Weld Compound

Dim: 1 oz. Tubes, Resin and Hardener
Features:
- Repairs iron, steel, aluminum, brass, copper, plastic and fiberglass
- Bonds, fills and seals cracked or chipped castings, weld seams and split stampings
- Can be drilled, tapped, threaded, sanded and filed
- Will not shrink, rust or corrode
- Water and oil proof
- Unaffected by most acids and solvents
- Combines strength of steel particles with bonding strength of epoxy



89-210
4 Minute Epoxy

Dim: 25 ml Syringe
Note: Not recommended for use above 200° F (90° C).
Features:
- Repairs plastic, metal, glass and ceramic
- High strength for industrial, automotive, agricultural, marine and home applications
- Sets in 4 minutes
- Pre-measured syringe ensures proper mix for consistent results

Sleeve Retaining Compounds



89-214
Sleeve Retaining Compound
High Strength, Green Color

Dim: 24 ml Squeeze Bottle
Note: Equivalent to Ref# 680
Features:
- Locks and seals bearings, bushings, gears, pulleys, retaining sleeves, studs and shafts
- Retains worn parts and slip fits
- Replaces splines and keys
- Fills gaps up to .006"
- Anaerobic compound which chemically cures and hardens in the absence of air
- Provides a positive seal, resistant to lubricants & most solvents
- Fixture tight in minutes
- Operating temperature range:
-75° to +450° F (-59° to +232° C)



89-219
Sleeve Retaining Compound
High Strength, Green Color

Same as 89-214 except...
Dim: 250 ml Squeeze Bottle

Threadlocking Compounds



89-211
Threadlocking Compound
Medium Strength, Blue Color

Dim: 24 ml Squeeze Bottle
Note: Equivalent to Ref# 242
Features:
- Prevents nuts, bolts, and other fasteners from loosening due to vibration
- Can be removed with hand tools
- Fills gaps up to .006"
- Anaerobic compound which chemically cures and hardens in the absence of air
- Provides a positive seal, resistant to lubricants & most solvents
- Protects against thread corrosion
- Fixture tight in minutes
- Operating temperature range:
-75° to +300° F (-59° to +149° C)



89-216
Threadlocking Compound
Medium Strength, Blue Color

Same as 89-211 except...
Dim: 250 ml Squeeze Bottle

BONDING COMPOUNDS

Threadlocking Compounds (cont'd.)



89-212
Threadlocking Compound
High Strength, Red Color

Dim: 24 ml Squeeze Bottle
Note: Equivalent to Ref# 262
Features:
- Locks and seals nuts, bolts, and other fasteners where high strength is required to withstand heavy shock, vibration and corrosive environments
- Removable with heat and hand tools
- Fills gaps up to .008"
- Anaerobic compound which chemically cures and hardens in the absence of air
- Provides a positive seal, resistant to lubricants & most solvents
- Protects against thread corrosion
- Fixture tight in minutes
- Operating temperature range: -75° to +300° F (-59° to +149° C)

EMERY CLOTH



89-650
Emery Cloth
60 Grit, Coarse

Dim: 2" Width, 50-Yard Roll
Features:
- Removes rust
- Ideal for armature laminations & rotor poles



89-651
Emery Cloth
80 Grit, Medium

Dim: 1" Width, 50-Yard Roll
Features:
- Removes rust
- Ideal for armature laminations & rotor poles



89-652
Emery Cloth
120 Grit, Fine

Dim: 1" Width, 50-Yard Roll
Features:
- Removes rust, polishes & dresses
- Ideal for shafts



89-653
Emery Cloth
400-Grit, Extra Fine

Dim: 1" Width, 50-Yard Roll
Features:
- Removes rust, polishes & dresses
- Ideal for shafts, commutators & slip rings

GREASE & LUBRICANTS

Bearing Greases



89-250
Chevron SRI-2 Bearing Grease
Hi-Temperature, Hi-Speed,
OEM-Approved

Dim: 14 oz. Cartridge
Features:
- Used by OE manufacturers as a 'factory pack' anti-friction bearing lubricant for automotive & industrial bearings
- Provides excellent lubrication of ball & roller bearings, operating over a broad temperature range (-22° to +300° F; -30° to +150° C)
- Particularly outstanding at high speeds, high temperatures & moist conditions, especially where there is the possibility of salt water entering the bearing
- Compatible with other types of ball bearing greases



89-251
Chevron SRI-2 Bearing Grease
Hi-Temperature, Hi-Speed,
OEM-Approved

Same as 89-250 except...
Dim: 35 lb. Container



89-269
Clear Bearing Grease

Dim: 1 lb. Container
Features:
- Multi-purpose lubricant with Teflon
- Temperature range -45° to +450° F (-42 ° to 232° C)
- Will not melt, freeze or separate
- Impervious to salt water and road salt
- Dielectric
- Non-toxic, clean & clear - will not stain
- Outlasts conventional lubricants

Dielectric Greases



89-266
Dielectric Grease

Dim: 5 oz. Tube
Features:
- Promotes proper connection between regulator plug and wiring harness
- Reduces risk of contact resistance
- Prevents terminal corrosion
- OE equivalent
- Maintains its consistency in extreme temperatures from -65° to 400° F (-55° to 204° C)
- Meets Mil-S-8660C requirements



89-270
Dielectric Grease

Same as 89-266 except...
Dim: Gel capsule, single application package for ease of use by the installer



89-278
Dielectric Grease

Same as 89-266 except...
Dim: 39 lb. Pail

General Purpose



89-253
Tool Crib Crystal TFE Lube

Dim: 20 oz. Can, Net Wt. 14 oz.
Note: A clear all purpose aerosol lubricant that withstands pressure from heavy loads and high RPM's within a wide temperature range. Provides superior lubrication on all metal to metal contact points. Ideal for armature shafts, bushing surfaces, solenoid plungers, corroded pulleys, rusted end frames, tools & equipment
Features:
- Optimum protection from friction - protects similar to Teflon
- Excellent rust resistance and superior corrosion protection
- Penetrates and clings with excellent water wash off resistance
- Mfd. for WAI by Seymour



89-268
White Lithium Grease

Dim: 16 oz. Container
Features:
- General purpose white lubricant that protects against rust and corrosion
- Makes contact surfaces friction-free
- Non-toxic, non-flammable
- Will not stain
- Resists moisture and high heat

Heat Transfer Greases



89-252
Heat Transfer Grease

For: Delco 25SI, AD230, AD237, AD244, CS121, CS121D, CS130, CS130D Series; Ford 2G, 3G, 6G Series; Chrysler 40/90, 50/120A; Hitachi IR/IF; Prestolite ANB Series Alternators
Dim: 5 oz. Tube
Features:
- Promotes necessary heat transfer from the rectifier to the end frame
- Prevents 'hot spots' that cause premature diode failure



89-271
Heat Transfer Grease

Same as 89-252 except...
Dim: 26 oz. Cartridge
Note: For use in caulk gun (not included). Includes cap to seal tube when not in use.

SHOP SUPPLIES (89-)

GREASE & LUBRICANTS

Heat Transfer Greases (cont'd.)



89-272
Heat Transfer Grease
Same as 89-252 except...
Dim: 32 oz. Container

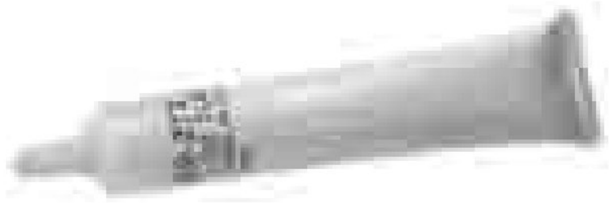


89-275
Heat Transfer Grease
Same as 89-252 except...
Dim: 5 gallon Pail



CH104S
(Ref# 89-277)
Heat Transfer Grease
Same as 89-252 except...
Dim: 1.5 oz. Syringe

Solenoid Greases



89-273
Grease - Solenoid Plunger Bore
Replaces: GM 10477431, 10477434
Dim: 1 oz. Tube
Note: Special formulated grease to be applied 1/2" (13mm) from the opening to the inside of the solenoid plunger bore as described in GM Service Bulletin# 338113 (11/93)
Features:
- Mfd. by OE Supplier
- Helps prevent plunger from sticking in the plunger bore
- Synthetic lubricant provides excellent wide temperature lubricating characteristics



89-276
Grease - Solenoid Plunger Bore
Same as 89-273 except...
Dim: 1 lb. Container

PACKAGING

Boxes - Alternator



89-100
Alternator Box
For: Automotive Alternators
Dim: 6-7/8" L x 6-7/8" W x 6-7/8" D (Inside)
Features:
- 200 lb. test, self-locking
- White corrugated, imprinted w/ space for part number



89-102
Heavy Duty Alternator Box
For: Delco 20SI, 21SI, 27SI, 29SI Series IR/EF; Ford 1G Series, 70-100A ER/EF, Ford Truck Alternators; Prestolite ANB Series Alternators
Dim: 9-1/4" L x 8-5/16" W x 7-1/8" D (Inside)
Features:
- 200 lb. test, self-locking
- White corrugated, imprinted w/ space for part number



89-106
Heavy Duty Alternator Box

For: Delco 25SI, 30SI Series; Leece-Neville 2300-2800JB Series Alternators
Dim: 12-3/8" L x 8" W x 7-11/16" D (Inside)
Features:
- 250 lb. test, self-locking
- Tan corrugated, imprinted w/ space for part number



89-107
Alternator Box

For: Delco CS144, 17SI Series IR/EF Alternators
Dim: 8-1/4" L x 7" W x 6-1/2" D (Inside)
Features:
- 200 lb. test, self-locking
- White corrugated, imprinted w/ space for part number



89-109
Alternator Shipping Carton

Dim: 22-1/4" L x 16-3/4" W x 8-3/8" D (Inside)
Note: Ideal for shipping 6-boxed alternators

Boxes - Starter



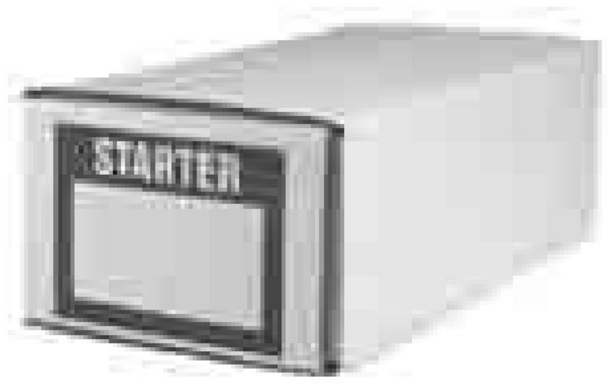
89-101
Starter Box

For: Automotive Starters
Dim: 11-1/2" L x 6-3/4" W x 5-3/8" D (Inside)
Note: Ideal size for automotive field coil style starters.
For smaller size box for late style PMGR starters use 89-111.
Features:
- 200 lb. test, self-locking
- White corrugated, imprinted w/ space for part number



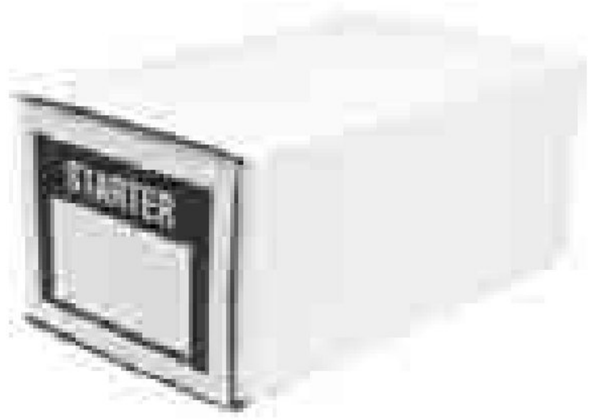
89-103
Heavy Duty Starter Box Kit

For: Delco 40MT, 42MT Series DD Starters
Dim: 21" L x 9" W x 6-3/8" D (Inside)
Components:
89-904 Starter Box
89-906 Cardboard Tube
Features:
- Double-wall 275 lb. test with full top & bottom flaps
- Includes 2 inserts for extra strength at box ends
- Includes 89-906 cardboard tube to prevent battery post from puncturing end of box
- Provides excellent protection for shipping 40MT starters



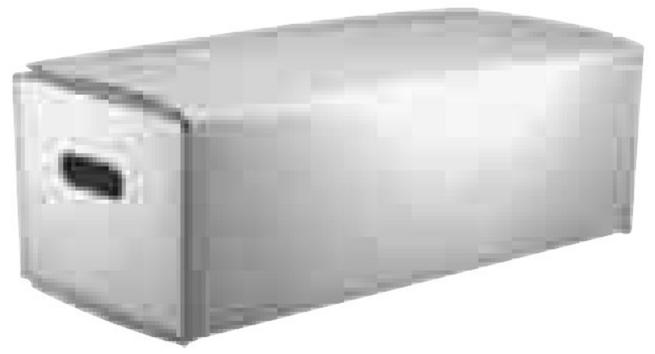
89-108
Starter Box

For: Delco 28MT Series OSGR Starters
Dim: 13-3/8" L x 7-1/4" W x 4-5/8" D (Inside)
Features:
- 200 lb. test, self-locking
- White corrugated, imprinted w/ space for part number



89-111
Starter Box

For: Automotive Starters
Dim: 9-3/4" L x 6" W x 4-1/2" D (Inside)
Note: Smaller size box, ideal for late model PMGR style starters.
For larger size automotive starters use 89-101.
Features:
- 200 lb. test, self-locking
- White corrugated, imprinted w/ space for part number



89-904
Heavy Duty Starter Box

For: Delco 40MT, 42MT Series DD Starters
Dim: 21" L x 9" W x 6-3/8" D (Inside)
Note: Included in 89-103 Heavy Duty Starter Box Kit.
Features:
- Double-wall 275 lb. test with full top & bottom flaps

PACKAGING

Miscellaneous Packaging



89-900

Spacer - Packaging

For: Delco 20SI, 21SI, 22SI, 23SI, 25SI, 26SI, 27SI/Type 200, 29SI, 30SI Series IR/EF Alternators
Dim: 25mm ID x 31mm OD x 38mm L
Note: Paper-tube used to secure fan when testing & packaging heavy-duty Delco alternators wo/ pulley.



89-901

Spacer - Packaging

For: Ford 1G Series Truck 65-90A, 1G Series Blue Back Truck 75-90A ER/EF Alternators
Dim: 22.4mm ID x 25.4mm OD x 19mm L
Note: Paper-tube used to secure fan when testing & packaging alternators wo/ pulley.



89-902

Spacer - Packaging

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, CS121, CS130, CS144 Series IR/EF Alternators; Ford 1G Series ER/EF, 2G Series IR/EF, 3G Series IR/IF Alternators
Dim: 19mm ID x 22.4mm OD x 19mm L
Note: Paper-tube used to secure fan when testing & packaging alternators wo/ pulley. For metal version use 46-2602.

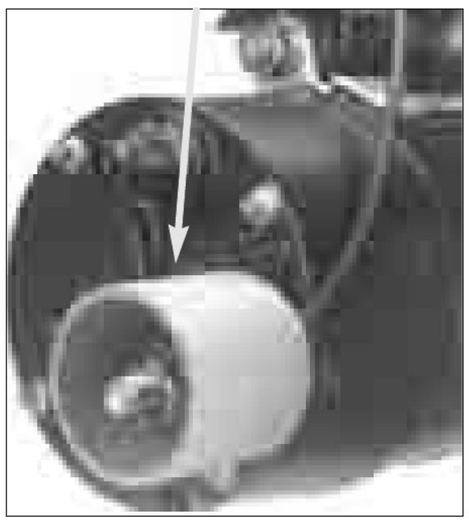


89-903

Nylon Wire Tie

Dim: 4" OAL, 15/16" Max. Bundle Dia.



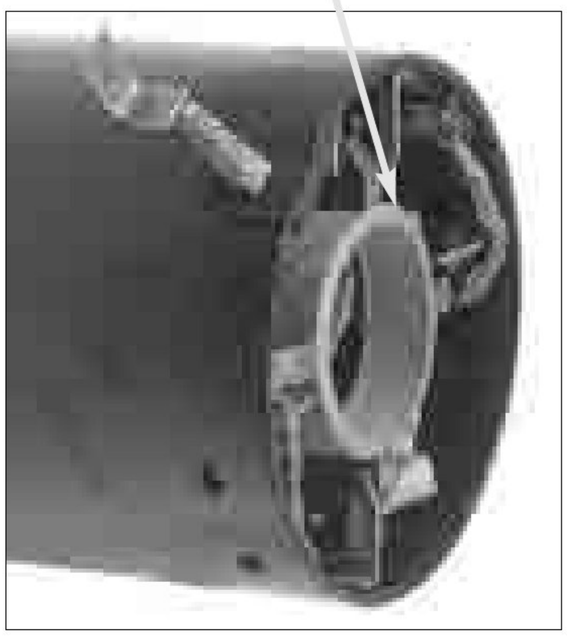


89-906

Cardboard Tube

For: Delco 37MT, 40MT, 42MT Series DD Starters
Note: Prevents battery post from puncturing end of box. Included in 89-103 starter box kit.



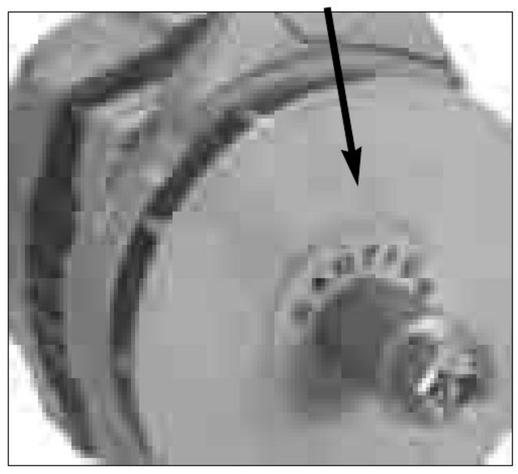


89-907

Brush Retainer

For: Delco 5MT, SD200, SD250 Series DD Starters
Dim: 44.5mm (1-3/4") OD
Note: Used to secure brushes in field case assy. during handling and installation.





89-913

Caution Tag

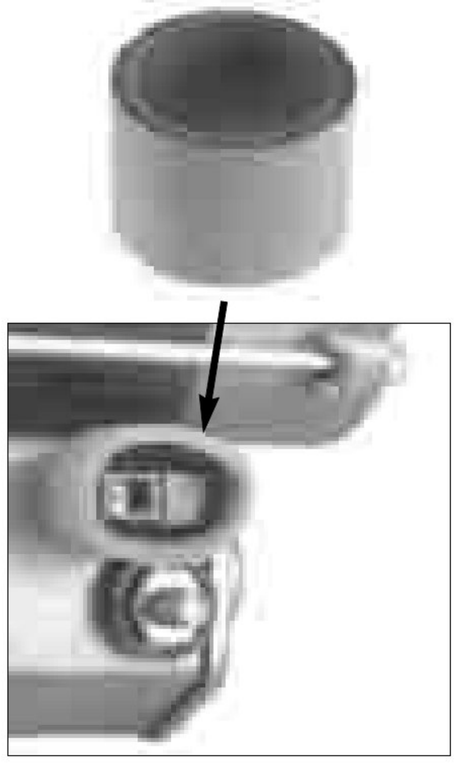
For: Delco 21SI, 22SI, 27SI/Type 200 Alternators wo/ Pulley
Note: When alternators do not have the pulley installed, the rotor is free to move. This allows the slip ring to contact the S.R.E. frame. If the pulley is installed with the unit in the vertical position, the slip ring may be pushed back and grounded against the rotor pole piece.
Features:
- Cautions the installer to remove pulley nut with the unit in horizontal position only



89-914

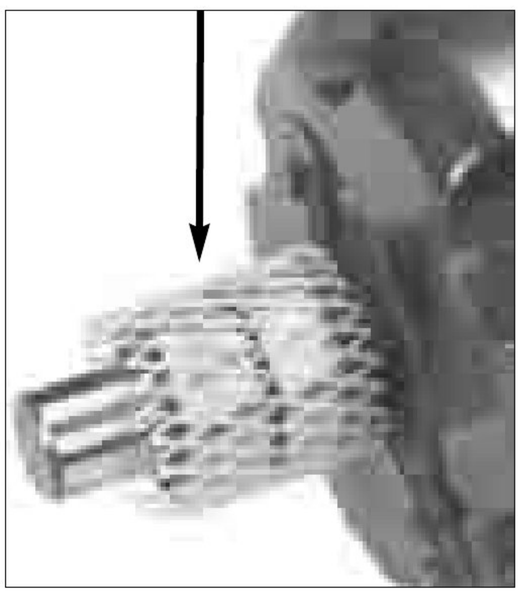
Brush Retainer

For: Delco AD230, AD237, AD244, CS130D Series IR/IF Alternators
Note: Used in 39-109 brush holder assys.



89-915
Paper Tube - Switch Term.
For: Nippondenso OSGR Starters
Dim: 26mm ID x 32mm OD x 22mm L
Note: Fits over switch terminal to protect against damage from shipping





89-916
Protective Mesh - Slip Ring
For: Bosch IR/EF; Delco 10-17SI, 21SI, 27SI, CS121, CS130, CS144 Series; Ford 1G, 2G, 3G Series Alternators; Motorola, Leece-Neville, Prestolite & others
Dim: 26mm ID x 32mm OD x 22mm L
Note: Used to protect slip ring from shipping and handling damage

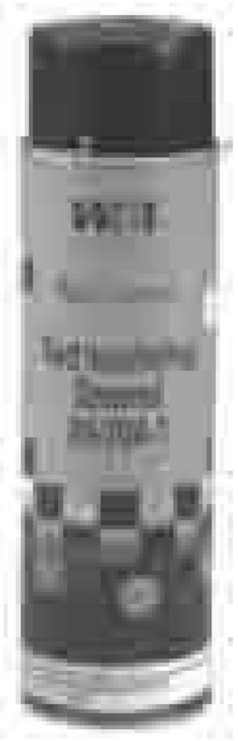
SOLDER



89-601
Solder Wire
60/40
Dim: 1lb Spool

SPRAY PAINTS & VARNISHES

Sealers & Insulating Varnishes



89-704-1
Red Insulating Enamel
Dim: 20 oz. Can, Net Wt. 16 oz.
Features:
- Quick-drying
- Dries to tough glossy and flexible film
- Specially formulated for use on electrical components
- High arc resistance and dielectric strength
- Excellent protective coating for insulating armatures, field coils
- Mfd. for WAI by Seymour
- Packaged 12 cans per case



89-726-1
Orange Tinted Sealer
Dim: 20 oz. Can, Net Wt. 15 oz.
Features:
- Prevents rust & corrosion
- Excellent dielectric strength
- Excellent for coating stators, ignition and electrical systems
- Waterproofs & seals electrical connections
- Dries to a translucent semi-gloss finish with a light orange tint
- Mfd. for WAI by Seymour
- Packaged 12 cans per case



89-731
Clear Insulating Varnish
Dim: 20 oz. Can, Net Wt. 15 oz.
Features:
- Quickly dries to tough glossy and flexible film
- Specially formulated for use on electrical components providing high arc resistance and dielectric strength
- Excellent protective coating for insulating armatures, field coils
- Provides improved & renewed appearance of windings
- Mfd. for WAI by Seymour
- Packaged 12 cans per case

89-732
Green Insulating Varnish
Same as 89-731 except green color to match Delco field coils and Hitachi stators.

SPRAY PAINTS & VARNISHES

Spray Paints



Enamels & Lacquers
Dim: 16 oz. Can, Net Wt. 12.0 oz.
Features:
- Quick-drying
- Color of cap matches contents of can
- Environmentally friendly; does not contain lead, CFC's, chromates or chlorinated solvents
- Mfd. for WAI by Seymour
- Packaged 12 cans per case

89-703-1
Chrome Aluminum Lacquer

89-707-1
Tool Gray Enamel

89-710-1
Gloss Black Enamel

89-711-1
Flat Black Enamel

89-712-1
Satin Black Enamel

89-720-1
Gold Metallic Enamel

89-723-1
Gun Metal Gray Lacquer

89-728-1
Dull Aluminum Lacquer



89-702-1
Cast Iron Lacquer
Dim: 16 oz. Can, Net Wt. 12.0 oz.
Features:
- Extremely quick-drying
- Developed for engine blocks, cylinder heads and other cast iron surfaces
- Makes cast iron look 'like new' with a durable cast iron gray finish
- Made to withstand high engine heat in automotive & industrial applications
- Environmentally friendly; does not contain lead, CFC's, chromates or chlorinated solvents
- Mfd. for WAI by Seymour
- Packaged 12 cans per case



89-721-1
Clear Acrylic Lacquer
Dim: 16 oz. Can, Net Wt. 12.0 oz.
Features:
- Forms a crystal clear protective coating to seal & preserve metal, wood, paper, leather surfaces
- Used to moisture-proof electrical & electronic components
- Protects against rust, corrosion, tarnish, fungus, chemicals & grease
- Environmentally friendly; does not contain lead, CFC's, chromates or chlorinated solvents
- Mfd. for WAI by Seymour
- Packaged 12 cans per case

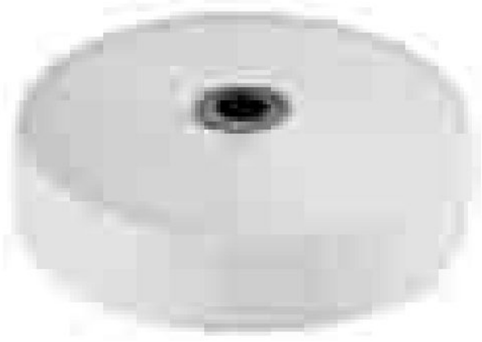


89-729
Aluminum Match Lacquer
Dim: 16 oz. Can, Net Wt. 12.0 oz.
Features:
- Extremely quick-drying
- Formulated to exact match of aluminum
- Non-smudge formula
- Excellent on alternators, starters, power steering racks, transmissions or any aluminum surfaces
- Color of cap matches contents of can
- Environmentally friendly; does not contain lead, CFC's, chromates or chlorinated solvents
- Mfd. for WAI by Seymour
- Packaged 12 cans per case



89-730
Stainless Steel
Dim: 16 oz. Can, Net Wt. 12.0 oz.
Features:
- Quick-drying
- Classic appearance
- Rust-proof 100% stainless steel pigment
- Protects from weather, oil, water
- Dries to satin sheen finish
- Perfect for automotive, tools, machinery
- Mfd. for WAI by Seymour
- Packaged 12 cans per case

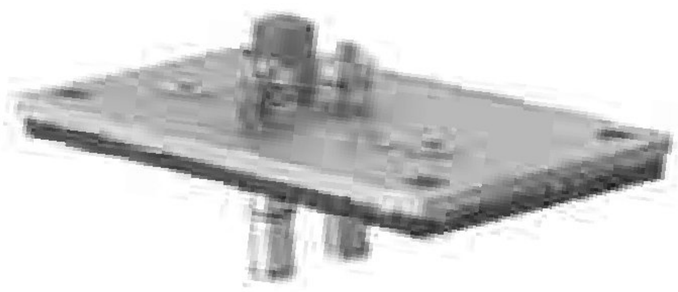
TAPE



89-402
Insulating Tape - Field Coils

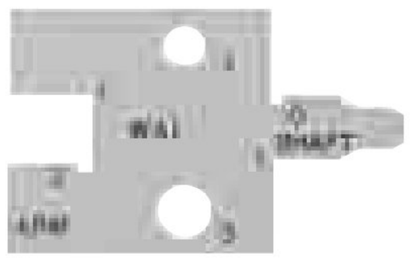
Replaces: Ref# SA-1108
Dim: 3/4" Width, 36-Yard Roll, White Cotton

TOOLS



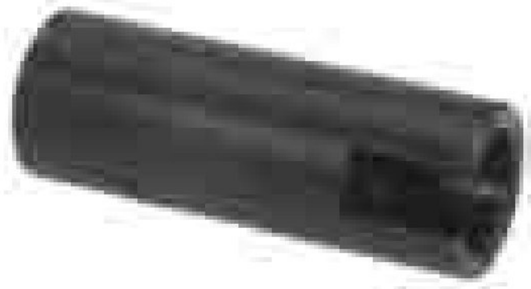
88-716
Brush Plate

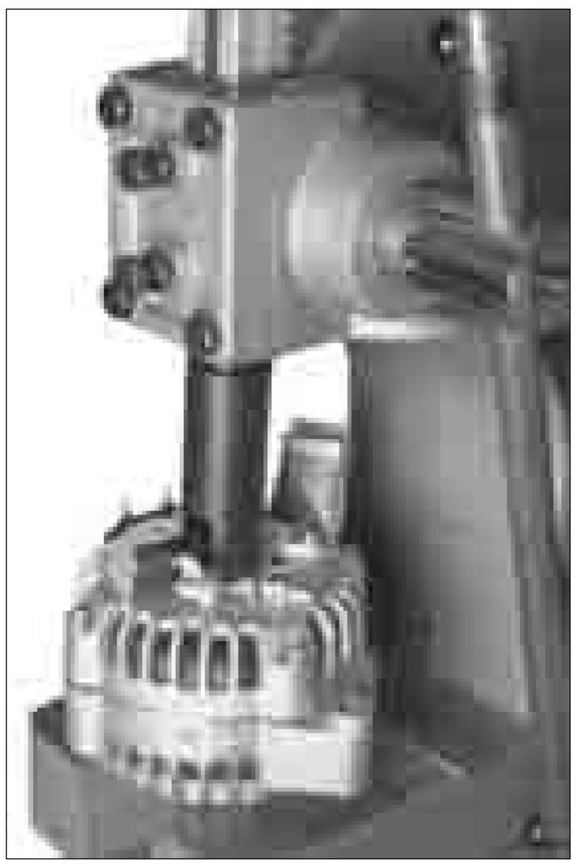
For: Leece-Neville JB Series IR/EF Alternators
Note: Temporarily replaces regulator allowing alternators to be operated on test bench without regulator.
Features:
- Eliminates the regulator/ diode trio from the circuit to assist in determining problems
- Allows field current to be measured in an operating alternator
- Useful in checking for flying shorts in the rotor



88-734
Gauge Tool

For: Ford PMGR Starters
Note: Identifies 1st or 2nd production armatures and drive shafts and which ball is right for the armature and drive shaft combinations used in the unit. Included in 79-2825, 79-2826 Ball Kits.





88-733
Brush Holder Tool

For: Delco CS130D Series IR/IF Alternators
Note: Use to install brush holder into SRE frame

Solenoid Tools



88-718
Solenoid Coil Tool

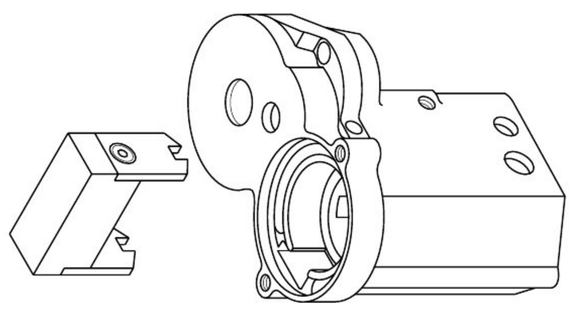
For: Nippondenso 1.0kW, 1.4kW, 2.0kW, 2.5kW OSGR Starters
Note: For replacement tip on restaking tool use 88-720
Features:
- Allows economical repair and replacement of solenoid coils
- Quickly and easily removes and restakes coils in original manner
- Removes coil without distortion or damage to solenoid housing
- No need to drill, tap or add screws
- Saves time and money on reclaimed cores



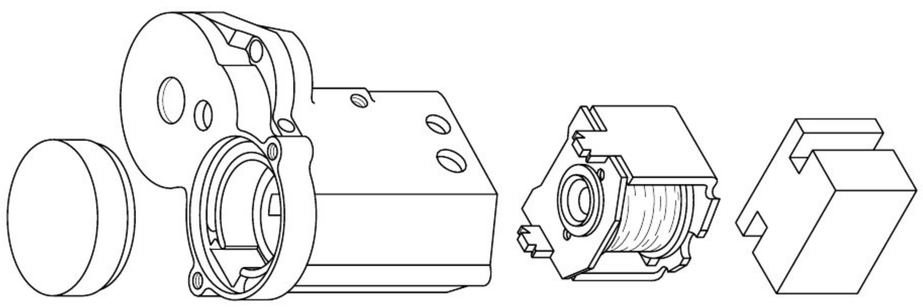
88-720
Replacement Tip - Solenoid Tool

Note: Used in 88-718 solenoid coil tool
Features:
- Tool steel (Grade 1)
- Heat-treated

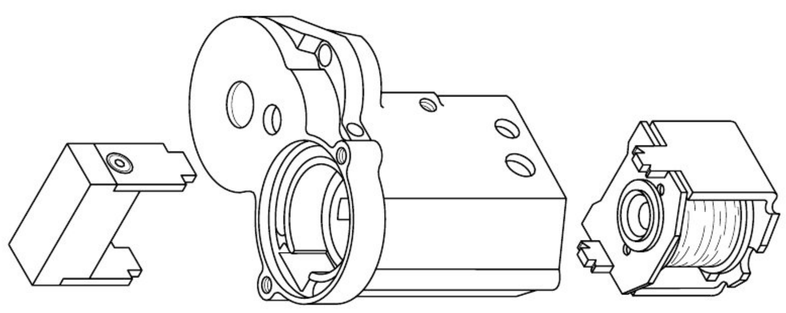
88-718 SOLENOID COIL TOOL FOR NIPPONDENSO OSGR STARTERS



Unsolder, remove all terminals & press out old coil assembly.



Press in new coil assembly.



Restake new coil assembly in place.

SHOP SUPPLIES (89-)

Stator Tools



88-721
Stator Puller
For: Nippondenso IR/IF Alternators
Removes:
100mm OD stator w/ 76mm ID (45-50A)
110mm OD stator w/ 83mm ID (60A)
118mm OD stator w/ 90mm ID (70A)



88-722
Stator Tool Plates
For: Nippondenso 40/90, 50/120A ER/IF Alternators
Used On: Chrysler
Removes:
118mm OD stator w/ 92mm ID (90A)
130mm OD stator w/ 102mm ID (120A)



88-730
Stator Tool Plate
For: Delco CS130D Series 100-105A* IR/IF Alternators
Note: Used to remove stator from D.E. frame. Includes pressure screw adapter for 17mm brg. bore. Used w/ 88-731 pressure screw.
*88-730 does not fit 102, 110 Amp CS130D Series.



88-731
Pressure Screw- Stator Plates
For: Delco CS130D Series, Nippondenso IR/IF Alternators
Note: Included w/ 88-721.
Used w/ 88-722, 88-730.

DIODE TESTERS





DT350
Diode Tester
120 VAC Power Requirement

Features:
- Seven diode settings
- LED display of failure modes
- Check all 8 diodes in a 4 phase rectifier
- Tests reverse leakage, avalanche voltage
- Measuring speed 8 diodes - 3.5 seconds
- Variable pulse test current 30-180 ampere
- Includes wire harness, probes, manual

DT350B
Diode Tester
240 VAC Power Requirement

Same as DT350 except for 240 VAC



DT350-1
Test Fixture - Diode Tester

Note: For DT350 series testers.
For Delco 10SI, 12SI type rectifiers: DR5040, DR5050



DT350-3
Test Leads - Diode Tester

Note: For DT350 series testers.
For generic testing requirement.



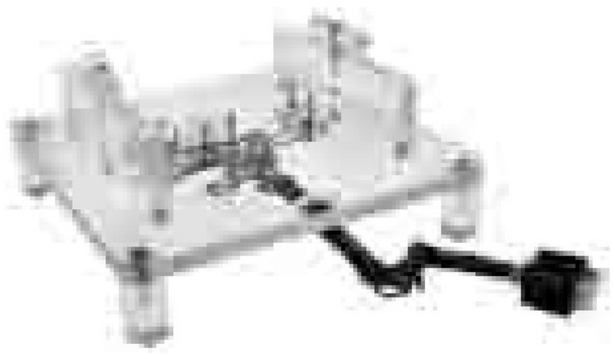
DT350-9
Test Fixture - Diode Tester

Note: For DT350 series testers.
For Delco CS130, CS130D type rectifiers: DR4000, DR4200



DT350-10
Test Fixture - Diode Tester

Note: For DT350 series testers.
For Ford 2G IR/EF type rectifiers: FR192.



DT350-26
Test Fixture - Diode Tester

Note: For DT350 series testers.
For Ford 3G IR/IF type rectifiers: FR201, FR202.



DT350-29
Test Fixture - Diode Tester

Note: For DT350 series testers.
For Ford 1G 70-100A ER/EF type rectifiers: FR1270, FR1280, FR1290.



DT350-051
Spring Pin - Diode Tester

Note: For DT350 series test fixture service.



DT301A
Diode Tester
120 VAC Power Requirement

Note: For production version using optional test fixtures use DT350.

Features:
- Tests avalanche diodes, zener diodes, silicon diodes, germanium diodes, 200 volt bus rectifier, diode trios
- Tests reverse leakage at 20, 50, 100, 200 volts
- Tests open or shorted components
- Tests avalanche voltage (important for general motors vehicles with on-board computers)
- Tests diode forward voltage drop
- 25 amp load test eliminates borderline rectifiers
- LED display for accurate reference and high reliability
- Includes tester manual with operating instructions and illustrations

DT301B
Diode Tester
240 VAC Power Requirement

Same as DT30A except or 240 VAC

DIODE TESTERS (cont'd.)



DT301-3
Test Leads - DT301 Diode Tester

Note: For DT301 series testers.

REGULATOR TESTERS





VRC1000A
Regulator Tester
120 VAC Power Requirement

Features:
- Test A and B-circuit alternator regulators
- Test 12V, 24V, 32V alternator regulators
- Test field circuit with 0.5A, 3.0A, or 5.0A load
- Identify active L-terminal (choke drive)
- Identify presence of over-voltage function
- Identify presence of field diode
- Improved lead-set and test manual provided

VRC1000B
Regulator Tester
240 VAC Power Requirement

Same as VRC1000A except for 240 VAC





VRC102
Regulator Tester
120 VAC Power Requirement

Features:
- Tests 12 volt electronic & mechanical regulators for alternators
- Easy to use go-no-go testing
- Field load of 0.5 amps
- LED lights. 4-different voltage ranges
- A, B circuit switch
- Short circuit indicator light
- Includes tester manual, operating instructions, illustrations

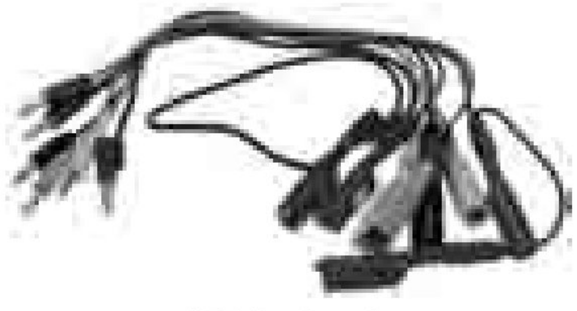
VRC102B
Regulator Tester
240 VAC Power Requirement

Same as VRC102 except for 240 VAC.



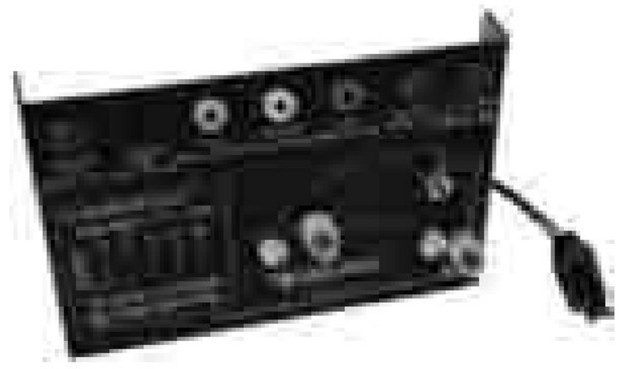
VRC101-1
Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Delco SI type regulators: D21, D27 D101.



VRC101-3
Test Leads - Regulator Tester

Note: For VRC101, VRC1000 series testers.



VRC101-9
Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Delco CS130, CS144 type regulators (P-L-I-S): D408, D411.



VRC101-10
Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Ford 2G IR/EF,
3G IR/IF type regulators: F784, F794.



VRC101-11S
Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Nippondenso IR/IF type regulators w/ round-plug (63.5mm mtg.).

Components:
3-Pin Oval-Plug Harness for IN440-types
3 Pin-Round Plug for IN220-types
4-Pin Round Plug for IN224-types

Features:
- Toggle Switches for convenient stator and sense function testing



VRC101-12
Test Fixture - Regulator Tester
Note: For VRC101, VRC1000 series testers.
For Nippondenso IR/IF type regulators w/ round-plug (57.5mm mtg.): IN250.



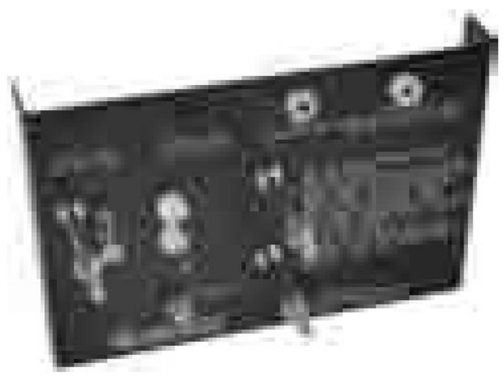
VRC101-14
Test Fixture - Regulator Tester
Note: For VRC101, VRC1000 series testers.
For Mitsubishi IR/EF type regulators w/ R-L or S-L T-type plug: IM205, IM225.



VRC101-15
Test Fixture - Regulator Tester
Note: For VRC101, VRC1000 series testers.
For Mitsubishi IR/IF type regulators w/ oval S-L plug: IM268, IM270.



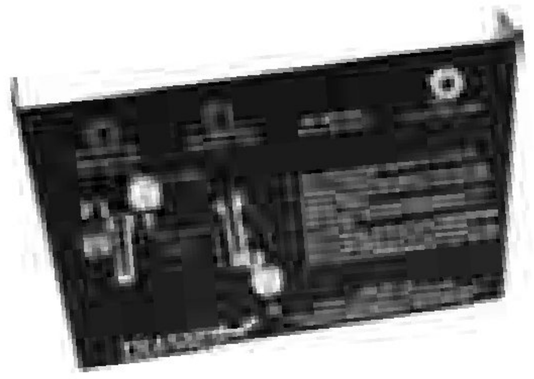
VRC101-16
Test Fixture - Regulator Tester
Note: For VRC101, VRC1000 series testers.
For Hitachi IR/IF type regulators w/ oval S-L plug: IH238, IH239, IH761.



VRC101-17
Test Fixture - Regulator Tester
Note: For VRC101, VRC1000 series testers.
For Leece Neville 2300-2800JB type regulators: L79000.



VRC101-18
Test Fixture - Regulator Tester
Note: For VRC101, VRC1000 series testers.
For Bosch IR/EF type regulators: IB350, IB370.



VRC101-19
Test Fixture - Regulator Tester
Note: For VRC101, VRC1000 series testers.
For Mitsubishi IR/IF type regulators: IM216, IM217.



VRC101-21
Test Fixture - Regulator Tester
Note: For VRC101, VRC1000 series testers.
For Mitsubishi IR/IF type regulators: IM262.



VRC101-23
Test Fixture - Regulator Tester
Note: For VRC101, VRC1000 series testers.
For Mitsubishi IR/IF type regulators w/ round 3-term. or 4-term. plugs: IM273, IM275.

TEST EQUIPMENT (TRANSPO)

REGULATOR TESTERS (cont'd.)



VRC101-24
Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Delco CS130D types regulators (P-L-I-S): D702, D734.



VRC101-26
Test Adapter - Regulator Tester

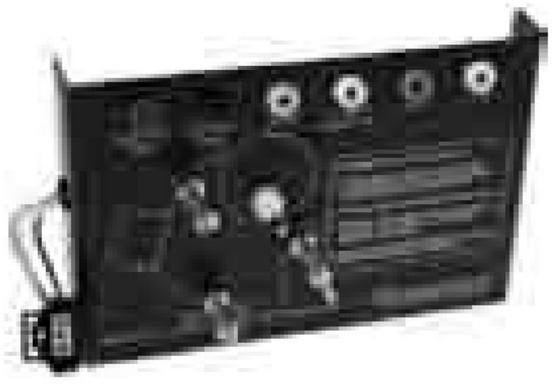
Note: For VRC101, VRC1000 series testers.
For Hitachi, Mitsubishi ED/IF type regulators w/ P-D plug: IH758, IM345, IM465, IM505.



VRC101-27
Test Adapter - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Delco CS130, CS130D type regulators (P-L-F-S): D445, D705.

Features:
- Identify 'smart cluster' dash compatibility



VRC101-28
Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Ford 6G type regulators: F600, F601, F602, F603.

Features:
- Use to verify lamp operation
- Easily verify F/FR output using an auxiliary meter plug-In
- Use with VRC101-31 signal supply to test F601 type RC function



VRC101-31
Signal Supply - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Ford, Marelli, Mitsubishi PCM controlled regulators requiring RC signal: F601, F797, IM529, IX131.

Features:
- Integrated micro-circuitry provides true PWM signal to regulator RC circuit
- 4-position switch for regulator voltage evaluation
- Qualifies OE and aftermarket regulators
- Leads provided for use with Transpo 6G regulator test fixture: VRC101-28

ROTOR TESTERS



RT401
Rotor Tester
120 VAC Power Requirement

Components:
RT401-3 Test Leads

Features:
- Tests at 12, 24, 32 VDC
- 8 ampere rotor test current
- Indicates both short & open circuit
- LED display for accurate reference & high reliability
- Includes tester manual, operating instructions, illustrations

RT401B
Rotor Tester
240 VAC Power Requirement

Same as RT401 except for 240 VAC.



RT401-3
Test Leads - Rotor Tester

Note: For RT401 series rotor testers

STATOR TESTERS



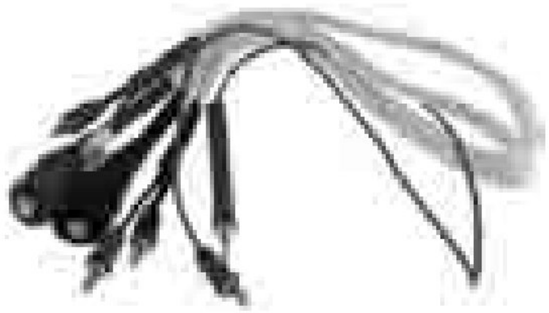
ST501
Stator Tester
120 VAC Power Requirement

Components:
ST501-3 Test Leads

Features:
- Tests delta or wye configurations
- 25 amp maximum stator test current
- LED display for accurate reference and high reliability
- Indicates short, open circuit & grounded circuit
- Phase to phase readout
- Remote power switch for test efficiency & safety
- High voltage insulation test
- Includes tester manual, operating instructions, illustrations

ST501B
Stator Tester
240 VAC Power Requirement

Same as ST501 except for 240 VAC.



ST501-3
Test Leads - Stator Tester

Note: For ST501 series stator testers.

TEST LEADS



88-204
Test Lead

For: Ford 3G Series IR/IF Alternators
Note: For testing alternators w/ D-shaped regulator plug



88-207
Test Lead

For: Delco CS130D Series IR/IF Alternators



88-209
Test Lead

For: Ford 2G Series IR/EF Alternators
Note: Also for testing Mitsubishi IR/IF alternators used on Ford



88-210
Test Lead

For: Delco CS121, CS130, CS144 Series IR/EF Alternators



WAA9SI
Test Lead - Regulator

For: Delco CS121, CS130, CS144 Series IR/EF Alternators
Note: For repair harness use 46-1803.



WAA540
Test Lead - Regulator

For: Ford 1G Series ER/EF Alternators
Note: Test lead for testing Ford GR-540 style external regulators (Transpo F540 series).



WAA784
Test Lead - Regulator

For: Ford 2G Series IR/EF; 3G, 4G Series IR/IF Alternators
Note: For repair harness use 46-2802

VRC 1000
REGULATOR TESTER



- Test A and B Circuit Alternator Regulators
- Test 12V, 24V, 32V Alternator Regulators
- Test Field Circuit with 0.5A, 3.0A, or 5.0A Load
- Identify Active L-Terminal (Choke Drive)
- Identify Presence of Over-Voltage Function
- Identify Presence of Field Diode
- Improved Lead-Set and Test Manual Provided
- Line Voltage Requirements:
  VRC1000A 120VAC / 60Hz
  VRC1000B 240VAC / 50Hz-60Hz

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TEST EQUIPMENT



WAI1001 WITH 24V CAPABILITIES

FEATURES:

- Technician friendly and easy to use
- Testing of the alternator on the bench or directly on the car
- Protocols tested:
- COM (LIN and BSS / BSD), LIN24 (LIN 24V / GRC LIN 28V) C, RLO, PD, L-RVC, SIG, DFM
- Reads COM Protocol version, Manufacturer, Errors and more
- COM protocol mode automatically identifies current communication (LIN or BSS) of alternators being tested with a COM regulator
- Control of Voltage set point for COM and most Multifunction regulators

VRC2010

FEATURES:

- Test A and B Circuit, 12 and 24 Volt Alternator Regulators
- Test Field Circuit with 0.5A and 3.0A Loads @12Volt, 1A Loads @24Volt
- Warning Light Circuit to Simulate Vehicle Indicator Lamp for 12 and 24 Volt regulators
- Dual stator Output for Valeo type regulators and dual Frequency, replaces VRC101-34
- Push Button identify Active L-Terminal (Choke Drive)
- Push Button identify Presence of Over-Voltage Function
- Push Button C (Computer) type regulators
- Lead Set and Test Manual Provided
- Universal power supply 47 – 63 Hz, 100 – 240 VAC and 3 amp fuse include



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ALTERNATOR PARTS TECH INFORMATION

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