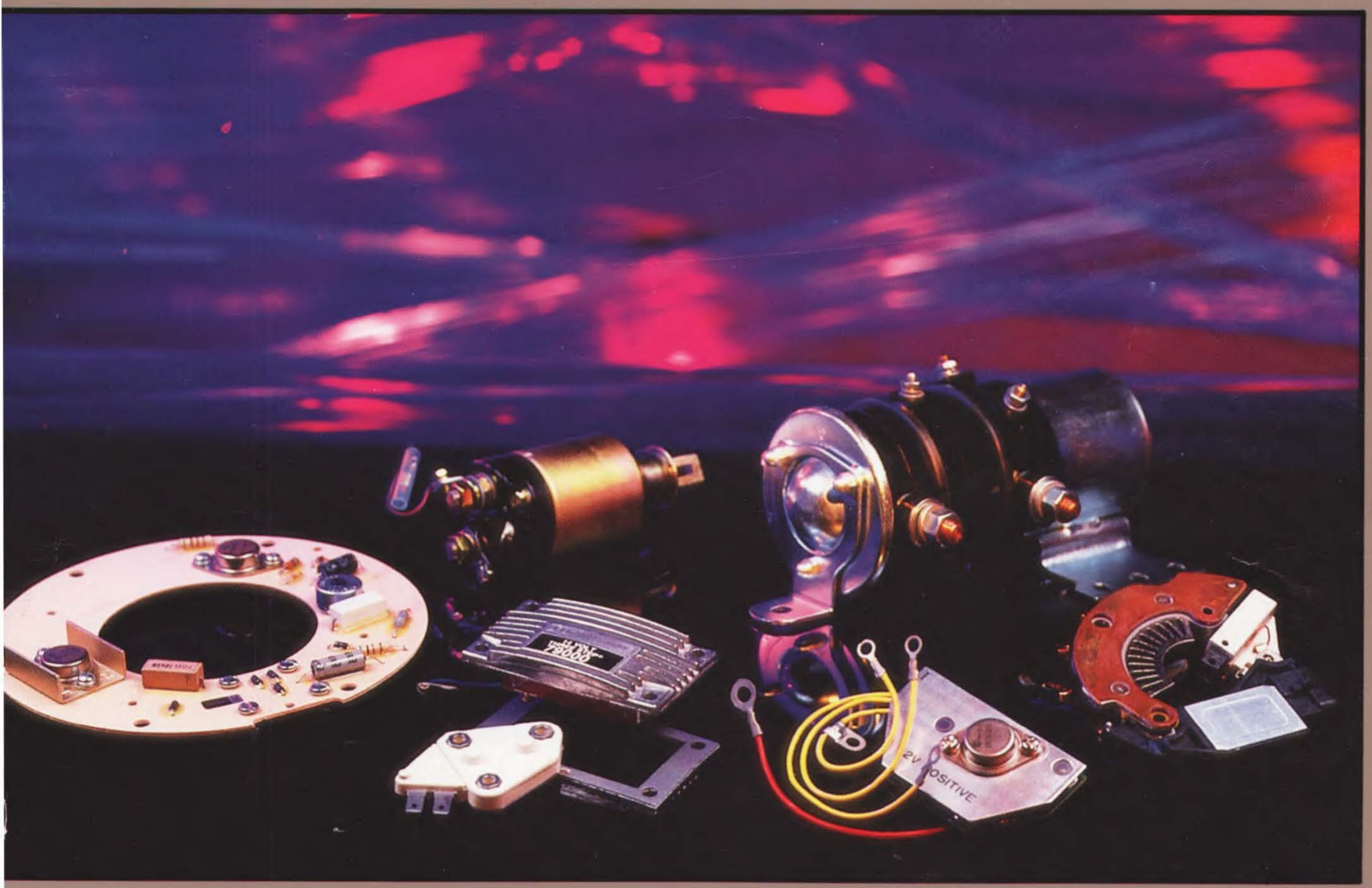
ACE™

ACE ELECTRIC COMPANY, INC. • AN ECHLIN COMPANY

CT-34E
October 1989
Supercedes CT-802

Voltage Regulators & Solenoid Switches

for domestic & import applications



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for alternators

ACE™

application for passenger cars & light trucks

ACADIAN

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1976-80	All	VR-1770
1969-71	All	13701
1963-68	All except optional 62 Amp. Alternator	13701

ALPHA ROMEO

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1973-79	1.8, 2.0L Alfetta	VR-1303
1956-60	All Giulia, Giulietta w/Generator	VR-2225
1964-70	All Giulia, Giulietta w/Alternator	VR-2225
1969-72	(1.8L) 1750 Berlina, GTV, Spider	VR-1303
1972-82	(2.0L) 2000 Berlina, Sedan, Spider, Sprint (& optional)	VR-1303

AMERICAN MOTORS

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1988	4, 6 cyl. All Eng. Eagle w/55, 66, 78 Amp Alt.	VR-1770
1983-87	4, 6 cyl. All Delco Equipped	VR-1770
1977-82	4, 6 cyl. All Delco Equipped	VR-1770
1976-79	All 8 cyl. Motorcraft Equipped exc. Fleet	12724
1976-79	Fleet Models 8 cyl.	VR-1784
1977	4 cyl All Motorcraft Equipped	12724
1975-76	6 cyl. All Delco Equipped	VR-1770
1975	8 cyl. All Motorola Equipped	VR-1760
1971-74	6, 8 cyl. Motorola Equipped	VR-1760
1970	6, 8 cyl. Motorola Equipped	VR-1755
1966-68	All	VR-1754
1965	All w/Prestolite Alt. ALH-6003	11710
	Transistorized Regulator	VR-1751
1963-65	All w/Motorola Alt., 4 lead	VR-1752
	All w/Motorola Alt., 5 lead	VR-1762
1963	All 32-42 Amp opt.	13701
1963-64	All 6, 8 cyl. 25, 30, 35 Amp	13921

ARIES (CHRYSLER)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1981-82	E 2.2L w/Carb. & w/FI	VR-1749
1981-82	F 2.6L w/FI	VR-1230
1983-84	E 2.2L w/FI	VR-1749
1983-84	F 2.6L w/FI	VR-1230
1985	E 2.2L w/FI	VR-1230

ARROW (PLYMOUTH)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1974-76	K 1.6L All; U 2.0L All	VR-1791
1977	K, Z 1.6L All; U 2.0L	VR-1791
1978	K, Z 1.6L All; U 2.0L; F 2.6L All	VR-1791
1979	K 1.6L All; F 2.6L All	VR-1230
1980	F 2.6L All	VR-1230

ASTON MARTIN

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1966-70	DBG & DBS	VR-1765

AUDI

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1984-86	All Models, All Engines w/Bosch Alt.	VR-1796
1982-83	4000 (1.7L) Motorola Equipped	VR-1213-A
1980	4000/1600, 2200 CC	VR-1796
1978-80	5000/2200 CC	VR-1796
1981	4000 (1.6L)	VR-1796

★ *Integral regulator VR-1770 has 14.0 - 15.0 volt setting. For 14.3 - 15.3 volt setting use VR-1786*

AUDI (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1980-81	5000S (2.1L) w/AC	VR-1796
1978-79	5000 Diesel	VR-1796
1977-79	Fox (1.5L) Motorola Equipped	VR-1213-A
1975-77	Fox Motorola Equipped	VR-1213
1973-79	Fox/1500 CC Bosch Equipped	VR-1796
1972	Super 90/1800 CC	VR-1796
1972-77	100 LS, GL/1900 CC	VR-1796
1970-71	100, 100S, 100LS, Super 90	VR-1303

AUSTIN

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1968-69	12H 1.3L All	VR-2225
1970-71	12H 1.3L w/o AC	VR-1766
	12H 1.3L w/AC	VR-1766
1962-67	All Mini 850, Mini Cooper	VR-2225
1973-75	Marina	VR-1767
1972	Marina 1800 Mini 1000 w/Alt. 23640, 48, 78	VR-1766
1972	1100, 1300, 1500, 1750	VR-2221
1970-on to 1971	Sprite MKV	VR-2226
	America	VR-2226
1969-71	Mini 1100, 1300 CC	VR-1766
1968-71	1100 CC	VR-1765
1966-70	3 Litre & Deluxe	VR-1765
1959-68	850 Mini, Mini Cooper, Cooper V, Sprite MKII, III, IV	VR-2225

AUSTIN HEALEY

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1958-70	All Sprite 1, 2, 3, 4	VR-2225

BMW

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1972-76	300 Series, I6, 3.0L, 3.0 Bavaria	VR-1303
1972-75	300 Series, I6, 3.0L, 3.0 CSI, SI	VR-1303
1980-84	300, I4 (1.8L), 318I	VR-1796
1976	300, I4 (2.0L) 320I & optional	VR-1796
1977-78	300, I4, (2.0L) 320I	VR-1796
1979-83	300, I4 (1.8L) 320I	VR-1796
1984-85	300, I6 (2.7L) 325E, ES	VR-1796
1983-86	500 Series I6 (2.7L) 528E & optional	VR-1796
1984-86	All Engines, All Models w/Bosch Alt.	VR-1796
1979-81	500 Series I6 (2.8L) 528I	VR-1796
1975	500 Series I6 (3.0L) 530I	VR-1303
1976-02/77	500 I6 (3.0L) 530I	VR-1303
1976-02/77	500 I6 (3.0L) 530I (optional)	VR-1796
03-77-78	500 I6 (3.0L) 530I & (optional)	VR-1796
1982-85	500 I6 (3.0L) 533I	VR-1796
1985	500 I6 (3.6L) 535I	VR-1796
1977-78	600 Series, I6 (3.0L), 630 CSI	VR-1796
1978-12/79	600 Series, I6 (3.2L) 633 CSI	VR-1796
01-12/80	600 I6 (3.2L) 633 CSI	VR-1796
1981	600 I6 (3.2L) 633 CSI & (optional)	VR-1796
1982-85	600 I6 (3.2L) 633 CSI	VR-1796
1978-12/79	700 Series I6 (3.2L) 733I	VR-1796
01-12/80	700 Series I6 (3.2L) 733I	VR-1796
1981	700 (3.2L) 733I & (optional)	VR-1796
1982-85	700 I6 (3.2L) 733I	VR-1796
1962-64	1000 Series I4 (1.5L) 1500 (12 V. Alt. opt.)	VR-1303
1964-66	1000 Series I4 (1.6L) 1600 (12 V. Alt. opt.)	VR-1303
1968-70	1000 Series I4 (1.6L) 1600-2 (12 V. Alt.)	VR-1303
1971	1000 Series I4 (1.6L) 1600-2	VR-1303
1964-68	1000 I4 (1.8L) 1800 (12 V. Alt opt.)	VR-1303
1969-70	1000 I4 (1.8L) 1800	VR-1303
1971	1000 I4 (1.8L) 1800 & (optional)	VR-1303

voltage regulators for alternators

application for passenger cars & light trucks

BMW (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1964-66	1000 I4 (1.8L) 1800 TI (12 V. Alt.)	VR-1303
1966-68	2000 I4 (2.0L) 2000 TI, TI-LUX	VR-1303
1969-70	2000 I4 (2.0L) 2000 TI, TI-LUX	VR-1303
1971-72	2000 I4 (2.0L) 2000 TI, TI-LUX	VR-1303
1966-68	2000 I4 (2.0L) 2000C, CS	VR-1303
1969-70	2000 I4 (2.0L) 2000C, CS	VR-1303
1968-70	2000 I4 (2.0L) 2002, TI	VR-1303
1971-76	2000 I4 (2.0L) 2002, TI & (optional)	VR-1303
1971-76	2000 I4 (2.0L) 2002 TII (Dual Carb.)	VR-1303
1969-71	2000 I6 (2.5L) 2500	VR-1303
1969-73	2000 I6 (2.8L) 2800 Bavaria, CS	VR-1303

BRONCO

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1979-81	All	VR-1784
1963-78	All	12724

BUICK

Year	Vehicle Model Alternator or Generator	★Voltage Regulator
1987	All 6 & 8 cyl.	VR-1770
1983-86	All 4, 6 & 8 cyl.	VR-1770
1977-82	All 4,6 & 8 cyl.	VR-1770
1972-76	All	VR-1770
1970-71	8 cyl. Riviera	13701
1971-72	63 Amp Alt.	VR-1704
1968-70	All exc. 62 Amp & opt. 60	13701
1963-67	All exc. Riviera	13701
	Riviera	13702

BUICK (CANADA)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1963-69	All exc. 1100797 60 Amp	13701

BUICK OPEL

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1971-76	HL 1.9L Manta (standard, optional) GT-1900	VR-1303
1971-73	Kadette HL 1.9L Rallye 1.9 (standard, optional)	VR-1303
1969-70	GT SR (1.1L) GT-1100, HL (1.9L) GT-1900	VR-1303
1968-70	Kadette S N (1.1L), (1.5L) w/Alt.; HL 1.9L Kadette Rallye 1900	VR-1303
1965-67	Kadette Rallye N 1 1L	VR-1303

CADILLAC

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1988-89	w/4.5 V8 w/C, E, K Body Vehicles	VR-1972D
1986-87	All (exc. 120 Amp)	VR-1770
1985	All (exc. 108, 120 Amp)	VR-1770
1983-84	All 4, 6, 8 100 Amp	VR-1770
1982-84	All 4, 6, 8 78, 80, 94 Amp	VR-1770
1982	All 4, 6, 8 100 Amp	VR-1770
1980-82	All 4, 6, 8 55, 63 Amp	VR-1770
1980-82	All 4, 6, 8 70 Amp	VR-1770
1975-82	145 Amp	VR-1772
1973-83	All exc. 145 Amp	VR-1770
1971-72	42 Amp exc. El Dorado	13701
	63 Amp w/Air Cond. exc. El Dorado	VR-1704
	42 Amp El Dorado	VR-1770
	All 80 Amp	VR-1770
1970	All exc. 1100910 and Transistorized	13701
	1100910 Alternator	VR-1704
1963-69	All exc. opt. 63, 130 Amp Alt.	13701
	63 Amp	VR-1704

CAMARO

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1973-82	All	VR-1770
1972	All exc. 63 Amp	13701
	All 63 Amp	VR-1704
1971	All 63 Amp Air Conditioning	VR-1704
1970-71	All exc. 63 Amp & Transistorized	13701
1968-69	All exc. opt. 63 Amp Alternator	13701
1967	All exc. w Air Conditioning, Auto Trans., and opt 62 Amp Alt.	13701
	All w/Auto. Trans. & 62 Amp	VR-1704

CAPRI

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1977-78	All exc. 171 Engine w/45 Amp	VR-1303
	171 Engine w/45 Amp	VR-1796
1976-77	2300 cc	VR-1796
1975-77	2800 cc	VR-1796
1975-76	140 Engine w/35, 55 Amp from 3-1-76	VR-1303
	140 Engine w/35, 55 Amp from 8-1-75 to 3-1-76	VR-1796
	140 Engine w/35, 55 Amp before 8-1-75	VR-1303
	140 Engine w/45 Amp	VR-1303
	171 Engine w/35, 55 Amp from 3-1-76	VR-1303
	171 Engine w/35, 55 Amp from 2-1-75 to 3-1-76	VR-1796
	171 Engine w 35, 55 Amp before 2-1-75	VR-1303
	171 Engine w 45 Amp	VR-1796
1975	2300 cc	VR-1303
1973-74	All	VR-1303
1971-75	2800 cc (to 2-75)	VR-1303
1971-72	All w Bosch Alt.	VR-1303
	All w Lucas Alt. 25393, 23607, 23653, 25216	VR-1765
1971-72	1600-2000	VR-1766
1970-71	3000	VR-1765

CARAVAN

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1983-84	E 2.2L All; 2.6L All	VR-1230
1985-86	E 2.2L All; F 2.6L All	VR-1230
1985-86	E 2.2L All 90 Amp	VR-1749

CARAVELLE

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1985-87	F 2.6L All	VR-1230

CHALLENGER (DODGE)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1978	Z 1.6L All	VR-1791
1979	F 2.6L All; Z 1.6L All	VR-1230
1980-83	Z 1.6L All; F 2.6L All	VR-1230

CHAMP (PLYMOUTH)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1980-81	J (1.4L) All; Z (1.6L) All	VR-1230
1982-84	Z (1.6L) standard; Z (1.6L) optional	VR-1230

CHARGER

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1981-83	E 2.2L w/o Turbo	VR-1230
	E 2.2L w/Turbo	VR-1749

★ *Integral regulator VR-1770 has 14.0 - 15.0 volt setting. For 14.3 - 15.3 volt setting use VR-1786*

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CHECKER MOTORS

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1969-72	With Diesel Engine (Alt. 1100842)	13702
1964-69	All w Motorola Alt. A12NC454, A12NCC604	VR-1752
1961-63	A9 A-11, A-11L Taxi with Alternator with Std. Regulator, Transistorized	11710 or
	Regulator can be used in place of 11710	VR-1751
	A-11. A-11L Taxi 30 Amp Gen.	VR-2195

CHEVELLE

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1973-82	All	VR-1770
1972	All exc. 63 Amp	13701
	All 63 Amp	VR-1704
1971	All 63 Amp Air Conditioning	VR-1704
1970-71	All exc. 63 Amp & Transistorized	13701
1968-69	All exc. opt. 63 Amp Alternator	13701
1967	All exc. w/Air Conditioning, Auto. Trans. and opt. 62 Amp Alt.	13701
	All w/Auto. Trans. & 62 Amp	VR-1704
1966-67	All w/Auto.Trans. & 62 Amp	VR-1704
1966	All exc. 396, 427 Engs. w/Air Conditioning and opt. 62 Amp Alt.	13701
1963-65	All exc. 60, 65 Amp Alt.	13701

CHEVETTE

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1981-82	1.6L w/o AC & w/AC; w/AC or Heated Rear Window	VR-1770
1983-84	1.6L w/o AC. w/AC or Heated Rear Window & opt.	VR-1770
1985-86	1 6L w o AC. w Rear Window Defroster. w/AC	VR-1770
1976-80	All	VR-1770

CHEVROLET

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1985-88	4 cyl. 1500 CC Engine Spectrum	VR-1243
	1600 CC (4) (5) Engine Nova	
1985-86	3 cyl. 1000 CC Engine Sprint	VR-1243
1984-87	4 cyl. 98 (1.6L) Eng. exc. Diesel, exc. Nova	VR-1770
1983-87	6 & 8 cyl. All (exc. Corvette)	VR-1770
1985	Corvette	VR-1874
1984	Corvette	VR-1770
1980-82	Corvette	VR-1770
1979-82	4, 6 & 8 cyl. All	VR-1770
1973-83	All	VR-1770
1971-82	Chevette	VR-1770
1969-82	Corvette w 1100 742 Alt.	VR-1770
	All exc. 63 Amp	13701
	63 Amp	VR-1704
1969-72	Chevy II. Nova	13701
1971-72	M.H.C.	VR-1770
	All exc. M.H.C.	13701
1971	63 Amp w/Air Cond.	VR-1704
1970-71	All exc. 63 Amp & Transistorized	13701
1966-71	Corvette w/1100742 Alt.	VR-1704
1968-69	All exc. opt. 62 Amp Alt.	13701
1963-68	All exc. w 1100742 Alt. Corvette	13701
1963-68	Chevy II. Nova exc. opt. 60, 62, 65 Amp	13701
1967	All exc. w/Air Cond., Auto. Trans. & opt 62 Amp	13701
1966-67	All w/Auto Trans. & 62 Amp	VR-1704

★ *Integral regulator VR-1770 has 14.0 - 15.0 volt setting. For 14.3 - 15.3 volt setting use VR-1786*

CHEVROLET (cont'd)

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1966	All exc. 396, 427 Engine w/Air Cond. & opt. 62 Amp Alt.	13701
1963-65	All Alt. exc. 60, 65 Amp	13701
1964	Corvair	13926
1963	All w/Gen. exc. Air Cond.	13921
	All w/Gen. w/Air Cond.	13926

CHEVROLET (CANADA)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1963-69	All exc. 1119003, 305, 368, 378, 519, 604, 635, 654, & 900595	13701
1966	All 1119519	VR-1704
1963-64	All 1119003 30 Amp	13921
1963-64	All 1119604 35 Amp	VR-2129
1963-64	All 1119654 40 Amp	VR-2127

CHEVROLET TRUCK

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1988	8 cyl. 379 (C) (J) 6.2L Eng. R-10, R-10 Suburban, V-10, V-10 Blazer, V-10 Suburban, G-20, P-20, R-20, R-20 Suburban, V-20 Suburban, G-30, R-30, V-30 w/66 Amp Alt.	VR-1874
	8 cyl. (C) (J) 6.2L Eng. R-10, R-10 Suburban, V-10, V-10 Blazer, V-10 Suburban, R-20, R-20 Suburban, V-20 Suburban w/78 Amp Alt.	VR-1874
	8 cyl 379 (C) (J) 6.2L Eng. P-30 w/120 Amp Alt.	VR-1874
	8 cyl. 454 (N) 7.4L Eng. R-20, R-20 Suburban, V-20, V-20 Suburban, R-30, V-30 w/66 Amp Alt.	VR-1770
	8 cyl. 454 (N) (W) 7.4L Eng. R-20, R-20 Suburban, V-20, V-20 Suburban, R-30, V-30 w/94 Amp Alt.	VR-1874
1986-87	All 37, 42, 66, 80 Amp	VR-1770
	All 78, 94 Amp exc. Diesel	VR-1874
	Diesel 66, 78 Amp	VR-1874
1986	All 85 Amp	VR-1770
	All P Series w/6.2L 85 Amp	VR-1770
1985-86	All 42, 78, 80, 90 Amp exc 6.2L	VR-1770
1984	All 42, 78, 94 Amp	VR-1770
1983-84	All 80 Amp	VR-1770
1983	All 42, 66, 78	VR-1770
1982	All exc. Luv	VR-1770
1973-83	All Standard	VR-1770
1971-72	M.H.C.	VR-1770
	All exc. M.H.C.	13701
1970-75	w/1117145 & 46	VR-1788
1966-70	All exc. 62 Amp	13701
1965	All exc. 62 Amp Transistorized Ign. C.A.C.	13701
1963-64	All exc. 62 Amp	13701

CHEVROLET & GM TRUCKS (CANADA)

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1969	For 1100825 & 833	VR-1770
1969	All exc. 1100825 & 833 1117128, 782	13701
1963-68	All exc. 62 Amp, 130 Amp & 1100825, 833	13701
1965-69	All 130 Amp	VR-1769

CHEVY II - NOVA

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1973-82	All	VR-1770
1969-72	All	13701

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CHEVY II - NOVA (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1963-68	All exc. opt. 60, 62, 65 Amp Alt. & Gen.	13701
1963	All w/Gen. exc. Air Conditioning	13921
	All w/Gen. w/Air Conditioning	13926

CHEVY LUV

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1972-74	G161, 180 (1.8L) Series 1-3	VR-1783
1975	G180, Z (1.8L) Series 4 w/AC & w/o AC	VR-1220
1976-79	G180, Z (1.8L) Series 5-9 w/AC	VR-2203
	G180, Z (1.8L) Series 5-9 w/o AC	VR-1220
1980	G180, Z (1.8L) Series 10 w/AC	VR-2203
	G180, Z (1.8L) Series 10 w/o AC	VR-1220
1981-82	G180, Z (1.8L) Series 11, 12 w/AC & w/o AC	VR-2203
	C223 2.2L Series 11, 12 Diesel 4 WD w/AT & w/MT	VR-2203
1975-82	Pickup All	VR-1220
1971-74	Pickup All	VR-1783

CHRYSLER

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1982-87	4 cyl. 156 (2.6L) Eng	VR-1230
1970-82	All exc. Leece Neville	VR-1749
1963-69	All exc. opt. 60 Amp Chrysler Alt.	11710
	Transistorized reg. can be used in place of 11710	VR-1751
	Opt. 60 Amp. Chrysler Alt. exc. 1969	VR-1712

CHRYSLER LIGHT PICKUP

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1986-88	A 2.0L All	VR-1230
1988	W 2.6L All w/MT & w/AT	VR-1230
1983-87	W 2.6L All	VR-1230
1979-82	U 2.0L All	VR-1230
	W 2.6L All	VR-1230

COLT FWD (DODGE)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1980	J (1.4L) All, Z (1.6L) All	VR-1230
1981	J (1.4L) All, Z (1.6L) All	VR-1230
1982-84	J (1.4L) All, Z (1.6L) All, Z (1.6L) optional	VR-1230

COLT RWD (DODGE)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1971-75	K (1.6L) All, U (2.0L) All	VR-1791
1976	K (1.6L) All, U (2.0L) All	VR-1791
1977	K, Z, (1.6L) All; U (2.0L) All	VR-1791
1978	K, Z (1.6L) All; U (2.0L) All, F (2.6L) All	VR-1791
1979	K (1.6L) All, F (2.6L) All	VR-1230
1980	F (2.6L) All	VR-1230
1978-80	All	VR-1230
1976-79	All w/Z Engine	VR-1791
1971-76	1400, 1600 CC	VR-1791

COMET

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1979-81	All	VR-1784
1973-78	All	12724
1965-72	All exc Transistorized Regulator	12724
	Transistorized	VR-1780
1963-64	All	12961

★ *Integral regulator VR-1770 has 14.0 - 15.0 volt setting. For 14.3 - 15.3 volt setting use VR-1786*

CORTINA, CORTINA GT (FORD)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1964-72	1.5L w Generator	VR-2226
1967-72	1.6L w/Alternator	VR-2226
1971-72	1.6L w/RH Mount Alt. 15 ACR Type, 17 ACR Type; 1.6L w/LH Mount Alt. 17 ACR Type	VR-1766

CORVETTE

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1979-81	All	VR-1784
1969-83	All exc. w/1100742 Alt.	VR-1770
1963-68	All exc. w/1100742 Alt.	13701
1966-71	All w/1100742 Alt.	VR-1704

COUGAR

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1973-78	All	12724
1968-72	All Motorcraft	12724
1967	Motorcraft 38, 42, 55 Amp Non-Transistorized	12724
	Motorcraft 38, 42, 55 Amp Transistorized	VR-1780
	Motorcraft 65 Amp	12724
	All Leece-Neville Transistorized	VR-1780
1966	Motorcraft 38, 42, 55 Amp Non-Transistorized	12724
	Motorcraft 38, 42 Amp Transistorized	VR-1780
	All Leece-Neville Transistorized	VR-1780
1965	Motorcraft 38, 42, 55 Amp	12724
1963-64	All w/Generator	12961
	All w/Alternator	12724

COURIER (FORD)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1982	4 cyl. exc. Diesel	VR-1230
1982	4 cyl. w/Diesel	VR-1246
1972-75	1.8L 1800	VR-1227
1976-78	1.8L 1800	VR-1227
1979-82	2.0L 2000 (std.)	VR-2202
	2.0L 2000 (opt.)	VR-2202
	2.3L 2300	VR-2202

CRICKET (PLYMOUTH)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1973-77	All	VR-1231
1974-75	All (Canada)	VR-1791
1971-73	All w/23606 Alt.	VR-1766

DATSUN

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1979-82	200 SX (Z20E), 720 Pickup (L20B)	VR-1800
1979-82	310, GX, 210 (A14)	VR-1800
1977-82	510, 620 Pickup (L20B)	VR-1800
1977-82	810 (L24E), 280 Z, 280 ZX	VR-1800
1977-82	B210 (A14), F10	VR-1800
1975-77	280 Z (628E), 620 (620B), F10	VR-1207
1975-77	B210 (A14), 610, 620 (L18), 710 Pickup	VR-1205
1974	620 (L18) Pickup	VR-1204
1973-74	260Z (L26)	VR-1208
1973-74	B210 (A14)	VR-1208
1973	620 Pickup	VR-1208
1972-74	710	VR-1203
1972	B210	VR-1203
1971-74	610	VR-1203
1971-72	510 (L16)	VR-1208
1971	B210	VR-1223

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DATSUN (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1970-71	510, 620 (1800)	VR-1223
1969-73	240Z	VR-1223
1968-71	510 (1600)	VR-1223
1968	Pickup 521, 620	VR-1223
1966-71	B110, B210	VR-1223
1966-70	510 (1400)	VR-1223
1965-70	510, 520 (1300)	VR-1223
1965	Pickup 521, 620 (1800)	VR-1223

DODGE

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1970-82	All exc. Leece-Neville	VR-1749
1963-69	All exc. opt. 60 Amp	11710
	Transistorized Reg. can be used in place of 11710	VR-1751
1963-68	Opt. 60 Amp Chrysler Alt.	VR-1712
1963	35 Amp Prestolite Gen.	11992

DODGE D-50, RAM-50, POWER RAM-50

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1986-88	A 2.0L All	VR-1230
1988	W 2.6L All w/MT & w/AT	VR-1230
1983-87	W 2.6L All	VR-1230
1979-82	U 2.0L All	VR-1230
	W 2.6L All	VR-1230

DODGE TRUCK

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1984-87	4 cyl 156 (2.6L)	VR-1230
1970-82	All Chrysler Alt.	VR-1749
1969	All Chrysler Alt.	VR-1712
1963-68	34 Amp Prestolite Alt.	11710
	35-46 Amp Chrysler Alt.	11710
	60 Amp Chrysler Alt.	VR-1712
	Transistorized Reg. can be used in place of 11710	VR-1751
1963	35 Amp Prestolite Gen.	11992

FIAT

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1979	Brava 2.0L (std.)	VR-1796
	Strada 138A, B 1.5L All	VR-1796
	Strada 138A, B 1.5L w/Reg. Attached	VR-2219
1974	X19 128 AS 1.3L (std.)	VR-2220
	X19 128AS 1.3L (opt.)	VR-1303
1979-80	X19 138A, B 1.5L w/Reg. Attached	VR-2219
1968-72	124 Series 124AC 1.4L Coupe, Spider	VR-2220
1973	125BC 1.6L Coupe, Spider (std.)	VR-2220
1974	132AC 1.8L Coupe, Spider (std.)	VR-2220
	132AC 1.8L Special TC (opt.)	VR-1796
1975-77	132AC 1.8L Spider (std.)	VR-2220
	132AC 1.8L Spider (opt.)	VR-1796
1971-72	128A 1.1L All (to CH #534443)	VR-1303
	128A 1.1L All (fr. CH #534444)	VR-2220
1973	128A 1.1L Coupe (std.)	VR-2220
	128A 1.1L Sedan, Wagon	VR-2220
1974	128AS 1.3L Coupe	VR-2220
1978-79	128AS 1.3L Sedan (opt.)	VR-2220
1980-82	128AS 1.3L w/o AC	VR-2219
1978-79	132AC, 1C 1.8 Carb.	VR-1796
1967-69	850 Series 100G (3.8L) Coupe, Sedan, Spider (w/Alt.)	VR-2220
1970-73	850 Series 100GBC Coupe, Spider	VR-2220

FORD

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1988	6 cyl. 183 (3.0L) Eng. All Models w/100 Amp Alt.	VR-1784
	6 cyl. 230 (3.8L) Eng. Taurus w/100 Amp Alt.	VR-1784
	8 cyl. 302 (5.0L) 351 (5.8L) Eng. All Models w/100 Amp Alt.	VR-1784
1984-87	All w/Integral Regulator	VR-1706
	4, 6, 8 cyl. All (exc. Internal Regulator)	VR-1742
1979-83	4, 6, 8 cyl. All	VR-1742
1974-81	All w/Motorcraft Alt. exc. Fairmont Police Cars & Taxis	12724
1970-78	4, 6, 8 cyl. All w/Electronic Regulator	VR-1742
	4, 6, 8 cyl. All w/o Electronic Regulator	12724
1972	All	VR-1742
1970-71	All	VR-1742
1965-74	All w/Motorcraft Alt. exc. Transistorized	12724
	All w/Motorcraft & Leece Neville Alt. Transistorized	VR-1780
1969-70	Thunderbird w/55 Amp Alt.	VR-1781
1963-65	All w/25, 30, 40 Ford Gen.	12961
1963-64	All w/40, 42, 52 Amp Ford Alt.	12724

FORD ESCORT

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1981	All	VR-1784

FORD FALCON

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1978-81	All w/Motorcraft Alt.	VR-1784
1974-81	All Police Cars & Taxis	VR-1784
1974-78	All w/Motorcraft Alt. exc. Police Cars and Taxis	12724
1965-70	All	12724
1963-64	All	12961

FORD FIESTA

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1978-81	40 Amp, 60 Amp Ford	VR-1784
1978-80	Bosch Equipped	VR-1796
1977	All Lucas	VR-1766

FORD (ENGLISH)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1972-82	Cortina Mk III 1600, 2000 w/23593, 92, 23647	VR-1766
1970-71	Cortina & GT Capri 1600 w/23590, 93	VR-1766
1967-70	Zodiac	VR-1765
1962	Cortina & GT	VR-2226
1961-67	Anglia & Prefect	VR-2225

FORD (GERMAN)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1969-72	1300, 1600, 2000, 300 GT w/Lucas Generator	VR-2226

FORD TRUCK

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1978-81	All w/40, 60, 65, 70, 90 Amp Motorcraft Alt.	VR-1784
1978-80	Ford Truck	VR-1787
1974-78	All w/70, 105 Amp Leece-Neville Alt.	VR-1784
	All w/100 Amp Motorcraft Alt.	VR-1784
1977	All w/40, 60, 90 Amp Motorcraft Alt.	12724

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FORD TRUCK (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
	All w/ 70 Amp Motorcraft Alt. Non-Transistorized	12724
	All w/70 Amp Motorcraft Alt. Transistorized	VR-1784
1975-76	All w/38, 40, 42, 55, 60, 61 Amp Motorcraft Alt.	12724
	All w/70 Amp Motorcraft Alt.	VR-1784
1974-75	All w/70, 90 Amp Motorcraft Alt.	VR-1784
1973-74	All w/38, 42, 55, 61 Amp Motorcraft Alt.	12724
1973	All w/90 Amp Motorcraft Alt.	VR-1780
1970-73	All w/70, 105 Amp Leece-Neville Alt.	VR-1780
1970-72	All w/Transistorized Ford Alt.	VR-1780
1963-72	All w/Non-Transistorized Ford Alt.	12724
1966-69	All w/60, 65, 105 Amp Transistorized Leece-Neville Alt.	VR-1780
1963-64	All w/30, 40 Amp Ford Gen.	12961

GMC TRUCK

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1988	6 cyl. 292 (T) 4.8L Eng. P-25, R-25, R-25 Suburban, V-25, V-25 Suburban, P-35, R-35, V-35, w/66 Amp Alt.	VR-1770
	8 cyl. 350 (K) 5.7L Eng. R-15, R-15 Suburban, V-15, V-15 Jimmy, V-15 Suburban, R-25, R-25 Suburban, V-25, V-25 Suburban, R-35, V-35 w/66 Amp Alt.	VR-1770
	8 cyl. 350 (K) 5.7L Eng. R-15, R-15 Suburban, V-15, V-15 Jimmy, V-15 Suburban, R-25, R-25 Suburban, V-25, V-25 Suburban, R-35, V-35 w/94 Amp Alt.	VR-1874
	8 cyl. 350 (M) 5.7L Eng. R-35, V-35 w/78 Amp Alt.	VR-1874
	8 cyl. 379 (C) (J) 6.2L Eng. R-15, R-15 Suburban, V-15, V-15 Jimmy, V-15 Suburban, G-25, P-25, R-25, R-25 Suburban, V-25, V-25 Suburban, G-35, P-35, R-35, V-35 w/66 Amp Alt.	VR-1874
	8 cyl. 379 (C) (J) 6.2L Eng. R-15, R-15 Suburban, V-15, V-15 Jimmy, V-15 Suburban, R-25, R-25 Suburban, V-25, V-25 Suburban w/78 Amp Alt.	VR-1874
	8 cyl. 379 (C) (J) 6.2L Eng. P-35 w/120 Amp Alt.	VR-1874
	8 cyl. 454 (N) 7.4L Eng. R-25, R-25 Suburban, V-25, V-25 Suburban, R-35, V-35 w/66 Amp Alt.	VR-1770
	8 cyl. 454 (N) (W) 7.4L Eng. R-25, R-25 Suburban, V-25, V-25 Suburban, R-35, V-35 w/94 Amp Alt.	VR-1874
1986-87	All 37, 42, 66, 80 Amp	VR-1770
1986	All 85 Amp	VR-1770
	P Series w/6.2L	VR-1770
1985-86	All 42, 78, 80, 94 Amp	VR-1770
1983-85	All 85 Amp	VR-1770
1984	All 42, 78, 94 Amp	VR-1770
1983-84	All 80 Amp	VR-1770
1983	All 42, 66, 78 Amp	VR-1770
1973-83	All exc. 100 Amp	VR-1770
1971-72	All exc. M.H.C.	13701
1970-75	w/1117145, 46	VR-1788
	M.H.C.	VR-1770
1966-70	All exc. 62 Amp Alt.	13701
1963-65	All Alt. exc. 62 Amp Transistorized Ingnition or C.A.C.	13701

GMC TRUCK (cont'd)

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1963-65	All if 35 Amp 1102176, 77 Gen.	13926
	All if 35 Amp 1105127 Gen.	VR-2129
	All 50 Amp exc. 1106986 Gen.	VR-2135
	All if 30 Amp Gen.	13921

HARLEY DAVIDSON

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1967-73	ServiCar Twins w/SV 75000	VR-1705
1967-71	Model XLH Twins w/OHV 900 cc	VR-1705
1965-69	Model FL, FLH Twins w/OHV 200 cc, 900 cc	VR-1705

HILLMAN

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1970-74	Imp	VR-2226
1970-71	Husky	VR-2226
	Minx, Super Minx w/Lucas Gen.	VR-2226
1967-71	Husky	VR-2226
1965-71	Minx, Super Minx	VR-2226
1963-83	Imp w/Gen.	VR-2226
1960-66	Husky	VR-2225
1960-64	Minx	VR-2225

HONDA

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1976-78	EF1 (1.6L) All Accord	VR-1202
1979	EK1 (1.7L) All exc. LX Accord	VR-1202
	EK1 (1.7L) LX only Accord	VR-1202
1980	EK1 (1.7L) All 45 Amp Accord	VR-1202
1981	EK1 (1.7L) All 50 Amp Accord	VR-2204
1973-77	EB1 (1.2L) All Civic 1200	VR-1202
1978-79	EB3 (1.2L) All Civic 1200	VR-1202
1980-82	EJ1 (1.3L) All Civic 1300	VR-2204
1983	EJ1 (1.3L) w/4-Speed & 5-Speed Civic 1300	VR-2204
1984-85	EV1 (1.3L) All Civic 1300	VR-1244
1975	ED1, 2 (1.5L) All Civic CVCC 1500	VR-1202
1976-79	ED3, 4 (1.5L) w/AC & w/o AC Civic CVCC 1500	VR-1202
1980	EM1 (1.5L) All Civic CVCC 1500	VR-2204
1981	EM1 (1.5L) Hatchback & Wagon & 4-Door Sedan	VR-2204
1982-83	EM1 (1.5L) All Civic CVCC 1500	VR-2204
1984-85	EW1, 3 (1.5L) Hatchback & Sedan Wagon	VR-1244
1986-87	EW1 (1.5L) Hatchback & Sedan w/Carb. Wagon (incl. 4x4)	VR-1244
1984	CRX EW1 (1.5L) All	VR-1244
1985	EW1 (1.5L) All CRX	VR-1244
	EW1 HF (w/Carb.) CRX	VR-1244
1986-87	EW3 (1.5L) All CRX	VR-1244
	EW3 (1.5L) (HF w/Carb.) CRX	VR-1244
1979-81	EK1 (1.7L) All Prelude	VR-1202

HORIZON

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1986-87	E 2.2L with & without Turbo	VR-1749
1984-85	Z 1.6L All	VR-1749
	E 2.2L w/Carb.	VR-1749
	E 2.2L w/FI	VR-1230
1981-83	E 12 1.7L	VR-1749
1978-80	E 12 1.7L All	VR-1749

★ *Integral regulator VR-1770 has 14.0 - 15.0 volt setting. For 14.3 - 15.3 volt setting use VR-1786*

for alternators

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HUMBER

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1966-69	All w/Alternator	VR-1765
1964-67	Hawk	VR-2226
1962-64	Hawk	VR-2225

INTERNATIONAL TRUCK

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1982-83	4 & 8 cyl. All w/Delco 42, 61, 65, 80 Amp	VR-1770
	4 & 8 cyl. All w/Delco 90 Amp	VR-1772
1975-81	4 & 8 cyl. All w/Delco 65, 80, 145	VR-1772
1970-81	4 & 8 cyl All w/Delco 37, 61	VR-1770
1975-80	4 & 8 cyl. All w/I.H.C.	VR-1760
1973-74	6 & 8 cyl. All	VR-1770
1972-74	4, 6 & 8 cyl. All w/Delco 1100696, 750 Alt.	13702
1971-74	4, 6 & 8 cyl. All w/Delco 1117148, 149 Alt.	VR-1772
1970-72	4, 6 & 8 cyl Alt. #1100687, 93, 94, 95, 842	13701
	4, 6 & 8 cyl. All w Gen.	13921
	4, 6 & 8 cyl. Alt. #1100628, 29, 30, 33	13701
1970-71	4, 6 & 8 cyl. w Delco 1100688, 690, 750	13702
1971-76	w 1117145, 46	VR-1788
1963-80	Scout 80	13701
	55 Amp Alt. 1117753	13702
1963-64	50 Amp. Gen. 1106822	VR-2135

ISUZU

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1986	Trooper II C223 2.2L Diesel	VR-1804
1983-85	Trooper II G200Z 2.0L Gas, Pickup 4WD & 2WD	VR-1233
1982	Pickup 2WD G180Z (1.8L) Gas	VR-1233
	I-Mark C223 (2.2L) Diesel	VR-1804
1981-82	Pickup 4 WD, G180Z (1.8L) Gas	VR-1233
1981	I-Mark C223 (2.2L) Diesel	VR-1804
	Pickup 2WD G180Z (1 8L) Gas	VR-1233

JAGUAR

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1969	XJ-6 4.2L w/o AC	VR-1765
1977-80	XJ-6 4.2L (std.)	VR-2222
1975-76	XJ-12 V12 5.3L All Type 25ACR Alt.	VR-2222
1977-79	XJ-12 V12 5.3L (std.)	VR-2222
1976	XJ-S V12 5.3L All Type 25ACR Alt.	VR-2222
1977-81	XJ-S V12 5.3L All	VR-2222
1965-68	XK 3.8L w/Alternator	VR-1765
1969	XK 4.2L w/AC	VR-1765
	XK 4.2L w/o AC	VR-1765

JEEP - AMERICAN MOTORS

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1988-89	4 & 6 cyl. 151 (2.5L), 258 (4.2L) Eng Wrangler w/56, 66, 78 Amp Alt.	VR-1770
1987-89	6 & 8 cyl. 258 (4 2L), 360 (5.9L) Eng. Grand Wagoneer, Pickup w/42, 56, 66, 78 Amp Alt.	VR-1770
1983-87	4 & 6 cyl. All (exc. Diesel)	VR-1770
1984-85	8 cyl. (5.9L) 360	VR-1770
1983	8 cyl. (5.9L) 360	VR-1770
1980-82	4 cyl All	VR-1770
1977-82	All w/Delco Alt.	VR-1770
1976-77	8 cyl. All w/Motorcraft Alt.	12724
1975-76	6 cyl. All w/Delco Alt.	VR-1770
1975	8 cyl. All w/Motorola Alt.	VR-1760

★ *Integral regulator VR-1770 has 14 0- 15 0 volt setting For 14 3- 15 3 volt setting use VR-1786*

JEEP - AMERICAN MOTORS (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1972-74	6 & 8 cyl. All	VR-1760
1970-71	4, 6, & 8 cyl. All w/Motorola Alt.	VR-1753
1963-74	All w/12 volt GJP Gen.	11992
1963-61	All w/Motorola Alt.	VR-1753
	All w 6 volt GGW Gen.	VR-2175
	All w 40 Amp Prestolite Alt.	VR-1730

JENSEN

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1973-75	All	VR-1766

LANCER (CHRYSLER)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1985	E 2.2L w/FI	VR-1230
1983-84	E 2.2L w/FI	VR-1749
	E 2.2L w/Carb.	VR-1230
	F 2.6L w/FI	VR-1230
1981-82	E 2.2L w/Carb., w/FI	VR-1749
	F 2.6L w/FI	VR-1230

LANCIA

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1975-77	132 (1.8, 2.0L) All	VR-1796

LE BARON (CHRYSLER)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1985-86	E 2.2L All	VR-1230
	E 2.2L All 90 Amp	VR-1749
	F 2.6 L All	VR-1230
1983-84	E 2.2L All	VR-1230
	F 2.6L All	VR-1230

LINCOLN

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1988-89	6 cyl. 230 (3.8L) Eng Continental w/100 Amp Alt.	VR-1784
	8 cyl. 302 (5.0L) Eng. Mark III, Town Car w/100 Amp Alt.	VR-1784
1986-87	8 cyl All. 65 Amp	VR-1706
1982-87	8 cyl All 70, 100 Amp	VR-1784
1982-85	8 cyl. All 40, 60 Amp	VR-1784
1981	All	VR-1784
1979-81	8 cyl. All 60, 65, 70, 100 Amp	VR-1742
1978-80	Versailles	VR-1784
1973-78	8 cyl. All	12724
1972-77	All	12724
1970-78	8 cyl. All 60, 65 Amp	12724
1971-72	8 cyl. All 70 Amp	12724
1970-71	8 cyl, All exc. 70 Amp	12724
1969-71	All exc. Transistorized & w/55 Amp DOLF-10300A or DOSF-10346A Alt.	12724
1969-70	Mark III, Continental 55 Amp Alt.	VR-1781
1966-75	All 55 Amp exc. Transistorized	12724
	All Transistorized	VR-1780
1963-65	All	12724

LOTUS

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1975-78	Esprit, Elite, Eclat	VR-1766
1972-75	Europa, Twin Cam & Special	VR-1766
1970-73	Elan Plus 2, Plus 25, 130S w Alt.	VR-1766
1972	2S, 130 w/23664, 643, 674, 678	VR-1766
1971	Elan w/23565	VR-1766
	"Seven" Series IV w/Lucas Alt.	VR-1765

voltage regulators for alternators

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LOTUS (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1969-71	Elan w/Gen.	VR-2225
1966-68	Elan w/Gen.	VR-2226

MAVERICK

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1970-78	All	12724

MAZDA

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1987-88	4 cyl. All Eng. B2200	VR-2263S
1986-87	4 cyl. All Eng. 323 w/o Fuel Inj.	VR-2263S
1986	4 cyl. All Eng. B2000	VR-2263S
1984-85	2R cyl. 1310 CC Eng. RX7	VR-2265S
1983	4 cyl. All Eng. GLC Wagon	VR-1230
1977-78	GLC TC (1.3L) All	VR-1211
1979-80	GLC UC (1.4L) All	VR-1211
1981	GLC E5 (1.5L) Coupe w/FWD, Wagon w/RWD	VR-1230
1982-83	GLC (1.5L) Coupe & Wagon	VR-1230
1984-85	E5 (1.5L) All GLC	VR-1230
1986-87	323 (exc. Fuel Inj.)	VR-2263S
1971-72	R100 10A 1.0L All	VR-1211
1971-74	RX2 12A (1.1L) All	VR-1211
1971-77	RX3 12A (1.1L) All	VR-1211
1974-78	RX4 13B (1.3L) All	VR-1211
1979	RX7 12A (1.1L) All	VR-1211
1980-81	RX7 12A (1.1L) (std. & opt.)	VR-1230
1982-83	RX7 (1.1L) All	VR-1230
1971-73	616 & 618 NA, VB (1.6 & 1.8L) All	VR-1211
1979-81	626 MA (2.0L) All	VR-1230
1982	626 (2.0L) (optional)	VR-1230
1983-85	626 (2.0L) Gas	VR-1230
1972-77	808 (1.6L)	VR-1211
1972-76	B-1600 Pickups 1.6L All	VR-1211
1977-79	B-1800 Pickup 1.8L All	VR-1211
1979-80	B-2000 Pickup 2.0L All	VR-1211
1981-84	B-2000 Pickup 2.0L All	VR-1230
1982-84	B-2200 Pickup 2.2L All	VR-1246
1974-77	Rotary Pickup 13B 1.3L	VR-1211
1986	Truck	VR-2263S
1987	Truck w/2.0, 2.2 Eng.	VR-2263S

MERCEDES-BENZ

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1984	190 Series (late) OM601.921 (2.2L) 190D	VR-1796
1984-87	190 Series M102.983 (2.3L) 190E	VR-1796
1965-67	200 Series M121.940 (2.0L) 200: OM621.918 2.0L 200D	VR-1303
1968-73	220 Series M115.920 (2.2L) 220.8, OM615.912 2.2L 220D	VR-1303
1959-65	220 Series M127.982 (2.2L) 220EB w/Alt.	VR-1303
1965-67	230 Series M180.945 (2.3L)	VR-1303
1968-73	M180.954 (2.3L) 230/8	VR-1303
1974	M115.951 (2.3L) 230/4	VR-1303
1975-78	M115.954 (2.3L) 230/4	VR-1796
1966-69	M180.947 (2.3L) 230S	VR-1303
1965-67	M127.981 (2.3L) 230SL	VR-1303
1974	OM616.916 (2.4L) 240D	VR-1303
1975-83	OM616.912 (2.4L) 240D	VR-1799
	OM616.912 (2.4L) 240D (optional)	VR-1796
1969-73	M130.923 (2.8L) 250.8	VR-1303
1970-73	M130.923 (2.8L) 250C	VR-1303
1966-73	M108.920 (2.5L) 250S	VR-1303
1965-67	M129.980 (2.5L) 250SE	VR-1303
1967-68	M129.982 (2.5L) 250SL	VR-1303
1973-76	M110.921 (2.7L) 280	VR-1796

MERCEDES-BENZ (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1974-76	M110.921 (2.7L) 280C	VR-1796
1978-80	M110.921 (2.7L) 280CE	VR-1796
1979-80	M110.984 (2.7L) 280CE (optional)	VR-1796
1977-80	M110.984 (2.7L) 280E	VR-1796
1981	M110.988 (2.7L) 280E	VR-1796
1968-71	M130.920 (2.8L) 280S	VR-1303
1975-76	M110.921 (2.8L) 280S	VR-1796
1968-72	M130.980 (2.8L) 280SE	VR-1303
	M130.984 (2.8L) 280SE w/AC	VR-1303
1972-73	M117.984 (4.5L) 280SE	VR-1303
1977-80	M110.985 (2.7L) 280SE	VR-1796
1970-71	M116.980 (3.5L) 280SEC	VR-1303
1972-73	M117.984 (4.5L) 280SEL	VR-1303
1968-72	M130.983 (2.8L) 280SL	VR-1303
1975-78	OM617.910 (3.0L) 300CD	VR-1796
1979-80	OM617.912 (3.0L) 300CD	VR-1796
1981-82	OM617.952 (3.0L) 300CD	VR-1796
	OM616.952 (3.0L) 300 CD (optional)	
1975-78	OM617.912 (3.0L) 300CD	VR-1799
1979-85	OM617.951 (3.0L) 300SD (& optional)	VR-1796
1968-71	M130.981 (2.8L) 300SEL	VR-1303
1972-73	M117.981 (4.5L) 300SEL	VR-1303
1979-80	OM617.912 (3.0L) 300 TD	VR-1796
1981-85	OM617.952 (3.0L) 300 TD	VR-1796
1972	M117.982 (4.5L) 350SL	VR-1303
1984-85	M116.961 (3.8L) 380SE	VR-1796
1982-83	M116.963 (3.8L) 380 SEC	VR-1796
1981-83	M116.960 (3.8L), M116.961, M116.962, M116.963 (3.8L) 380SL	VR-1796
1984-85	M116.962 (3.8L) 380SL	VR-1796
1981	M116.960 (3.8L) 380SLC	VR-1796
1974-76	M117.983 (4.5L) 450SE	VR-1796
1974-79	M117.983 (4.5L) 450 SEL	VR-1796
1978-79	M100.985 (6.9L) 450SEL	VR-1796
1978-80	M100.985 (6.9L) 450SEL	VR-1796
1973	M117.982 (4.5L) 450SL	VR-1303
1974-79	M117.982 (4.5L) 450SL	VR-1796
1980	M117.985 (4.5L) 450SL	VR-1796
1973	M117 985 (4.5L) 450SLC	VR-1303
1974-80	M117.985 (4.5L) 450SLC	VR-1796
1984-85	M117.963 (5.0L) 500SEC, SEL	VR-1796
1966-72	M100.980 (6.3L) All 600 Series	VR-1303

MERCURY

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1978-81	All	VR-1784
1973-78	All exc. Zephyr, Police, Taxi	12724
	Police & Taxi	VR-1784
1970-78	4, 6 & 8 cyl. All (exc. Capri) 40, 60, 65, 70, 90, 100	12724
1977-78	4 & 6 cyl. Capri exc. 171 (2.8L) Eng. w 45 Amp	VR-1303
1975-76	4 cyl. Capri 140 (2.3L) Eng. from 3-1-76 35 & 55 Amp	VR-1303
	4 cyl. Capri 140 (2.3L) Eng. to 8-1-75 35 & 55 Amp	VR-1303
	4 & 6 cyl. 45 Amp Capri	VR-1303
	6 cyl. Capri 171 (2.8L) Eng. from 3-1-76	VR-1303
	6 cyl Capri 171 (2.8L) Eng. to 2-1-75	VR-1303
1974	4 & 6 cyl. Capri w Bosch Alt.	VR-1303
1971-73	4 & 6 cyl. Capri w/Bosch Alt.	VR-1303
1971-73	4 & 6 cyl. Capri w/Lucas Alt.	VR-1766
1965-72	All exc. Transistorized Reg.	12724
	Transistorized	VR-1780
1967	Motorcraft 38, 42, 55 Amp Non-Transistorized Motorcraft 65 Amp	12724

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MERCURY (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1967	Motorcraft 38, 42, 55 Amp Transistorized	VR-1780
	All Leece-Neville Transistorized	VR-1780
1966	Motorcraft 38, 42, 55 Non-Transistorized	12724
	Motorcraft 38, 42 Amp Transistorized	VR-1780
	All Leece-Neville Transistorized	VR-1780
1965	Motorcraft 38, 42, 55 Amp	12724
1963-64	All w/ Gen.	12961
	All w/ Alt.	12724

MERCURY LYNX/LN 7

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1981	All	VR-1784

MG

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1974-78	Midget	VR-1767
1973	MGB, GT late prod.	VR-1767
1973	MGB GT Midget	VR-2221
1972-73	Midget	VR-1766
1969-72	MGB, GT	VR-1766
1970-71	Midget Mk III	VR-2226
1969-73	1300	VR-2226
1969	MGC, GT	VR-1766
1968	MGB, GT/MGS, GT	VR-1767
1967-70	Midget	VR-1766
1962-68	1100 Sports Sedan	VR-2226
	Magnette Mk IV	VR-2225
1962-73	MG 1100, 1300	VR-2226
1962-67	MGB, GT	VR-2226
1961-69	Midget Mk I, II, III	VR-2225
1961-62	MGA	VR-2225

MITSUBISHI

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1987-88	4 cyl. 2000 CC, 2600 CC Eng. Pickup, 2600 CC Eng. Starion, Montero	VR-2264S
1987	Pickup G633 2.0L Gas 2WD Mighty Max	VR-1230
	4 cyl. 2400 CC Eng. Galant	VR-2264S
	4 cyl. 1500 CC Eng. Precis	VR-1796
1985-88	4 cyl. 1794 CC, 2000 CC Eng. Cordia, Tredia	VR-2265S
	4 cyl. 1600 CC Eng. Mirage w/Turbo	VR-2265S
1986	Montero G54B (2.6L) All, Pickup G54B (2.6L) Gas, Starion G54BT, (2.6L) ES, LE, LS, ESI, Turbo	VR-1230
1985	Pickup G54B (2.6L) Gas	VR-1230
1984-85	Montero G54B (2.6L) (optional), Starion G54BT 2.6L ES, LE, LS, ESI, Turbo	VR-1230
1983	Montero 2.6L All, Pickup 2.6L Gas Tredia G62, 63B (1.8, 2.0L) All	VR-1230
1985-87	Colt w/1500, 1600 Engine; Vista w/2000 Eng. Mirage	VR-2265S
1984-87	Cordia, Tredia	VR-2265S
1985-86	Galant	VR-2265S
1984-86	Starion	VR-2265S
1987	Conquest, Ram, Raider, Truck, Truck 4WD	VR-2264S
1986-87	Galant, Montero, Starion	VR-2264S

MORGAN

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1968-69	Plus Eight	VR-1765
1951-67	Plus Four, 4-4, 4-4 GT	VR-2225

MORRIS

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1963-68	Minor 1000	VR-2225
1959-on	Mini Minor, Minor 850	VR-2225

MUSTANG II

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1979-81	All	VR-1784
1966-78	All	12724
1965	All w/Alt.	12724
	All w/Gen.	12961

NISSAN (DATSUN)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1988	Pulsar CA18D (1.8L) Diesel w/AC	S-5388
1986-88	Stanza CA20E (2.0L) Sedan, Hatchback w/AC, Model D21 Z24 2.4L w/2WD Pickup	VR-1800
1986-87	Stanza CA20E Engine w/MIT Alt.	VR-2260S
1986-87	Pulsar NX w/MIT Alt.; Sentra E16 w/MIT Alt.	VR-2261S
1987	Pulsar CA16D (1.6L) Diesel w/AC	S-5388
1985-86	Pulsar E16 (1.6L) Coupe	S-5388
	Pulsar E16 (1.6L) Coupe (optional)	VR-1800
1984-85	Pickup Z20 (2.0L) 720 w/2WD, Z24 (2.4L) 720 w/2WD, Z24 (2.4L) 720 w/4WD	VR-1800
1984	Maxima L24E (2.4L) All	VR-1800
1984-86	200 SX Turbo CA18 ET Engine w/MIT Alt.	VR-2262S
1983-84	Pulsar E15T (1.5L) NX Turbo, NX	VR-1800
	Pulsar E16 (1.6L) NX	S-5388
1983	Sentra E16 (1.6L) Gas, Pickup Z20 (2.0L) 720 w/AC, Z22 (2.2L) 720 w/AC, Z24, (2.4L) 720 All, Z24 (2.4L) 720 "Cab & Chassis"	VR-1800
1982	Sentra E 15S (1.5L) All	VR-1800
1981-83	Z Series L28E (2.8L) 280ZX, L28ET (2.8L)	VR-1800
	280ZX Turbo, Maxima L24E (2.4L) Gas	VR-1800
	Maxima LD28 (2.8L) Diesel	S-5388
1981-82	210 Series A12 (1.2L) 210, A15 (1.5L) 210	VR-1800
	510 Series Z20S (2.0L) 510, Pickup Z22S (2.2L) 720	VR-1800
	Pickup SD22 (2.2L) 720 Diesel	VR-1804
1980	Pickup L20B (2.0L) 720	VR-1800
	200 SX Z20E (2.0L) All	S-5386
1980-81	810 (exc Diesel)	VR-1253S
1980-82	310 Series A14 (1.4L) 310	VR-1800
1979	200SX L20B (2.0L) All, Z20E (2.0L) w/FI	VR-1800
1978	200SX L20B (2.0L) All	S-5388
1978-6/80	280ZX	VR-1253S
1977-79	Pickup L20B (2.0L) 620	VR-1800
1976-77	Z Series L28 (2.8L) 280Z, 310, A14 (1.4L) F10, 200SX L20B (2.0L) (standard) (optional)	VR-1207
	Z Series L28 280Z (optional)	S-5396
1975-77	210 Series A14 (1.4L) B210	VR-1207
1975-76	Pickup L20B (2.0L) 620	VR-1223
1974	210 Series A13 (1.3L) B210	VR-1223
1973-74	Pickup L18 (1.8L) 620	VR-1223
1973	210 A12 (1.2L) B210, Pickup L16 (1.6L) 620	VR-1223
1971-73	110 Series A12 (1.2L) B110, 1200 Coupe	VR-1223
1969-70	Z Series L24 (2.4L) 240Z	VR-1223
1968-71	510 Series L16 (1.6L) 510	VR-1223
1969-72	Pickup L16 (1.6L) 5.21	VR-1223
1967-68	400 Series J13 (1.3L) 411	VR-1223
1965-69	Pickup J13 (1.3L) 520	VR-1223
1965-66	400 Series J13 (1.3L) 411	VR-1223

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N.S.U.

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1968-72	RO 80 (400 637)	VR-1303
1967-72	TT, TTS (400 530, 649)	VR-1303
1965-69	Spider (400 531)	VR-1303

OLDSMOBILE

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1987	4, 6 & 8 cyl. All exc. 70, 108 Amp	VR-1770
	6 cyl. All 70 Amp	VR-1770
1983-86	4, 6 & 8 cyl. All exc. 70, 85, 97, 108 Amp	VR-1770
	8 cyl. All w/Electric Rear Window Defogger	VR-1704
1977-86	4, 6 & 8 cyl. All 70, 85, 97, 108 Amp	VR-1770
1977-82	4, 6 & 8 cyl. All exc. 70, 85, 97, 108 Amp	VR-1770
1972-76	6 & 8 cyl. All	VR-1770
1970-71	8 cyl. 442	VR-1770
	6 & 8 cyl. All (exc. 442)	13701
1973-83	All	VR-1770
1972	Toronado	VR-1770
1971-72	All std. exc. Transistorized	13701
	All 63 Amp 1100553, 71, 91; 1102441, 464	VR-1704
1969-71	8 cyl. 4-4-2 w/Int. Reg.	VR-1770
1970	All std. exc. Transistorized	13701
	All 63 Amp w/1100886 Alt.	VR-1704
1967-69	All exc. 60 Amp Alt.	13701
1964-66	All	13701
1963	All	13702

OLDSMOBILE (CANADA)

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1969	1100852, 853	VR-1770
1969	All exc. 1100851, 52, 53	13701
1968	All exc. 60 Amp	13701
1964-67	All	13701
1963	All	13702

OMNI

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1986-87	E (2.2L) w/Turbo & w/o Turbo	VR-1749
1984-85	Z (1.6L) All, E 2.2L w/Carb., 2.2L w/FI	VR-1749
	E (2.2L) w/FI	VR-1230
1981-83	E 12 (1.7L) w/Wide Connectors, w/Narrow Connectors, IN	VR-1749
1978-80	E-12 All	VR-1749

PEUGEOT

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1979-82	505 Diesel & Injected	VR-2200
1975	504 LD, GLD, 604	VR-1214
1975	504 D (Opt.)	VR-1215
1974-78	504 GL Diesel	VR-1214
1973-76	504 D	VR-1214
1972-73	104	VR-1214
1970-75	504	VR-1214

PINTO (FORD)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1979-81	All	VR-1784
1971-78	All	12724

PLYMOUTH

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1981-87	4 cyl. 156 2.6L Eng.	VR-1230
1970-82	All exc. 65 Amp Leece-Neville	VR-1749

PLYMOUTH (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1963-69	All exc. opt. 60 Amp Transistorized Reg can be used in place of 11710	VR-1751
1963-68	Opt. 60 Amp Chrysler Alt.	VR-1712

PLYMOUTH ARROW PICKUP, SPORT PICKUP

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1986-88	A 2.0L All	VR-1230
1988	W 2.6L All w/MT & w/AT	VR-1230
1983-87	W 2.6L All	VR-1230
1979-82	U 2.0L All	VR-1230
	W 2.6L All	VR-1230

PONTIAC

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1987	4, 6 & 8 cyl. All	VR-1770
1985-86	6 & 8 cyl. 305F (5.0L) Eng. Firebird 85, 97, 108 Amp	VR-1770
	4, 6 & 8 cyl. All 42, 56, 66, 78, 94 Amp	VR-1770
	8 cyl. 305F (5.0L) Eng. Firebird 120 Amp	VR-1874
1984	4 cyl. All (exc. Diesel)	VR-1770
1983-84	6 & 8 cyl. All 70, 85, 97, 108, 120 Amp Alt.	VR-1770
	6 & 8 cyl. All 42, 56, 66, 78, 94	VR-1770
1981-82	80 Amp	VR-1772
1979-82	4, 6 & 8 cyl. All 42, 56, 66, 70, 78, 85, 94, 97 Amp	VR-1770
1973-83	All	VR-1770
1973-78	4, 6 & 8 cyl. All	VR-1770
1971-72	6 & 8 cyl. All (exc. Ventura II)	VR-1770
	Ventura II & Tempest Lemans	13701
1969-70	All exc. Built-In Reg. 62 Amp	13701
	All w/Built-In Reg.	VR-1770
1964-68	Firebird	13701
	All exc. Firebird, 62 Amp	13703
1967-70	All exc. Transistorized Reg.	13701
1964	All 62 Amp	VR-1769
1963-66	All 37, 42, 52 Amp	13703

PONTIAC (CANADA)

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1972-77	All	VR-1770
1968-71	All exc. 62 Amp	13701
1965-67	All exc. 62 Amp	13703
1964	All exc. 62 Amp	13701
1963	All exc. 62 Amp	13703

PORSCHE

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1973-74	Carrera 06 (standard)	VR-1303
1952-54	356 04 (1.3L)	VR-2217
1956-58	356A, GS (1.5L)	VR-2217
1959-63	616 (1.6L) 356 B, 1600, 1600S, 1500RS Spyder	VR-2217
1964-65	616 (1.6L) 356C, 1500RS Spyder	VR-2217
1966-73	911, E, L, S, T All	VR-1303
1974-77	911, S (2.7L)	VR-1303
1978-82	911SC, Turbo	VR-1796
1968-69	912 (1.6L)	14912
1976	912E (2.0L)	VR-1303
1969-74	914 1.7, 1.8, (2.0L) All; (2.0L) 914/6	VR-1303
1975-76	914 1.8, (2.0L)	VR-1303
1977-86	924 (2.0L)	VR-1796
1980-82	924 Turbo (2.0L)	VR-1796

★ *Integral regulator VR-1770 has 14.0-15.0 volt setting. For 14.3-15.3 volt setting use VR-1786*

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PORSCHE (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1987	924SC (2.0L)	VR-1796
1978-86	928 V8 (5.0L)	VR-1796
1985-86	944 Turbo (2.5L)	VR-1796
1987	944S (2.5L)	VR-1796

RAM VAN

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1985-86	E 2.2L All	VR-1230
	E 2.2L All 90 Amp	VR-1749
	F 2.6L All	VR-1230
1983-84	E 2.2L All	VR-1230
	F 2.6L All	VR-1230

RELIANT

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1985	E 2.2L w FI	VR-1230
1983-84	E 2.2L w FI	VR-1749
	E 2.2L w Carb.	VR-1230
	F 2.6L w FI	VR-1230

RENAULT

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1980-82	R-5	VR-1219
1979-81	R-18, R-20	VR-1219
1978-82	R-14	VR-1219
1978-79	R-18 TS, GTS, TA w/Air Cond.	VR-1215
1978	R-18 TL, GTL	VR-1215
1976	R-11	VR-1214
1975-78	R-20 L, TL, GTL	VR-1215
1974	R-5	VR-1214
1972-75	R-15, R-17	VR-1214
1972-74	R-16	VR-1214
1972	R-12	VR-1214
1983	R-18i	VR-1219
1984-86	R-18i Sportswagon, 1.6L	VR-1219

RENAULT/AMC

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1983-84	Alliance (R9) Encore (R11) 1.4L All w/o AC, All w/AC	VR-1219
1985-87	Alliance (R9) Encore (R11) 1.7L All w/o AC, All w/AC	VR-1219
1981-82	Fuego 1.7 All w/AC	VR-1219
1983-86	Fuego 2.2L All w/o AC, All w/AC	VR-1219
1988	Medallion All w/o AC 2.2L	VR-1219

ROVER

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1972-74	Landrover III w/Alt. 23685	VR-1766
1971	Landrover w/Alternator	VR-1765
1971	Landrover w/Gen.	VR-2225
1969	2000, 2000TC & 2000 Automatic, Landrover 2.6L w/23549 Lucas Alt.	VR-1765
1967-68	2000, 2000TC & 2000 Automatic, Landrover 2.6L w/Lucas Alt.	VR-1765
1966	Landrover w/Alternator	VR-1765

SAAB

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1986-87	4 cyl 1985 cc Eng. 900, 9000	VR-1796
1984-85	4 cyl. 1985 cc Eng. 900	VR-1796
1979-80	900-2000 cc (exc. Turbo)	VR-1796

★ *Integral regulator VR-1770 has 14.0 - 15.0 volt setting. For 14.3 - 15.3 volt setting use VR-1786*

SAAB (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1978-80	99 - 2000 cc	VR-1796
1974	99 (opt. Marchal)	VR-1216
1969-77	99 - 1700 cc, 1850 cc, 2000 cc	VR-1303
1968-74	Sonnett II, III, 1500 cc, 1700 cc	VR-1303
1967	95, 96 - 1500 cc	VR-1303
1966-68	Monte Carlo - 850 cc	VR-1303

SAPPORO

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1979-83	Z 1.6L All	VR-1230
	F 2.6L All	VR-1230
1978	Z 1.6L All 42 Amp	VR-1791

SHADOW SUNDANCE

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1986-88	V6 3.0L All	VR-1749

SINGER

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1966-70	All Vogue Model	VR-1765

STUDEBAKER

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1963-66	All exc. ALE-5003, A Alt.	11710

SUBARU

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1977-79	1600 Models Only	VR-1801
1976	All exc. 1600 Model	VR-1210
1969-75	All	VR-1209

SUNBEAM

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1970-71	Late '70's Alpine	VR-1766
1968-70	Alpine and Arrow	VR-1767
1966-67	All w/Alt.	VR-1765
1959-65	Alpine Series I, II, III	VR-2225
1959-64	Rapier Series I, II	VR-2225

TEMPEST LEMANS

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1973-78	All	VR-1770
1971-72	All w/Built-In Regulator	VR-1770
	All Others	13701
1967-70	All exc. Transistorized Regulator	13701
1963-66	All	13703

TOYOTA

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1983-85	Camry CV10, 11 Diesel 2.0L	VR-1245
	Camry SV11 Gas 2.0L	VR-1243
1986-87	Camry SV21 Gas 2.0L	VR-1243
1971-73	Carina All 1.6L	VR-1218
1970-71	Celica 1.9L All	VR-1218
1971-74	Celica 2.0L All	VR-1218
1975-76	Celica 2.2L RA22, 24, 29	VR-1218
1977-78	Celica 2.2L All	VR-1232
2.78-8/78	Celica 2.2L All w/"A" Type Circuit	VR-1232
	All w/"B" Type Circuit	VR-1802
1979-81	Celica 2.2L All	VR-1243
1982-83	Celica 2.4L All	VR-1240
1984-85	Celica 2.4L All	VR-1243
1986	Celica ST161, 162 (2.0L)	VR-1243

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TOYOTA (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1987	Celica 3SFE All; 3SGELC 2.0L All	VR-1243
1988	Celica 3SFE All	VR-1243
1969	Corolla (1.1L) KE 10, 16	VR-1218
1969-70	Corolla (1.2L) KE11, 12, 18	VR-1218
1970-74	Corolla (1.2L) KE20, 25, 26; 1.6L TE21, 27, 28	VR-1218
1975-79	Corolla (1.2L) KE31, 35, 51	VR-1218
1974-76	Corolla (1.6L) TE 31, 37, 38, 51	VR-1218
1976-79	Corolla (1.6L) TE 31, 37, 38, 51	VR-1232
1980	Corolla (1.8L) AE71, TE72	VR-1232
1981	Corolla (1.8L) AE71, TE72	VR-1225
1982-83	Corolla (1.8L) AE71, TE72	VR-1242
	(1.8L) AE71, TE72 (Canada Only)	VR-1240
1987-88	AE82 Corolla FX (1.6L)	VR-1243
1984-85	CE80 Liftback, Sedan w/MT & w/AT	VR-1245
	AE 86 Coupe	VR-1243
1986-87	Corolla AGEC (1.6L) AE86 Coupe; AE92 w/AT & w/MT	VR-1243
1988	Corolla AE92 1.6L Coupe	VR-1243
1967-68	Corona 1.9L All	VR-1793
1968-70	Corona 1.9L All	VR-1218
1970-73	Corona 8, 18RC (1.9, 2.0L) All	VR-1218
1974	Corona 18RC (2.0L) standard & optional	VR-1218
1975-76	Corona 20RC (2.2L) All, standard, Canada	VR-1218
1978	Corona 20RC (2.2L) All	VR-1232
1979-80	Corona All 2.2L	VR-1802
1981	Corona 22R (2.4L) US & Canada	VR-1802
1981-82	Corona 22R (2.4L) US & Canada	VR-1240
1969-70	Corona MKII, 1.9L All	VR-1218
1970-71	Corona MKII, 2.0L All	VR-1218
1972-76	Corona MKII, 2.6L 4M All	VR-1218
1977	Cressida 4M (2.6L) MX32 Sedan & MX36S.W	VR-1232
1979-80	Cressida 4ME (2.6L) All	VR-1802
1981-82	Cressida 5ME (2.8L) All	VR-1240
1984-86	Cressida 5MGE (2.8L) All	VR-1243
1987-88	Cressida All	VR-1243
1966-69	Landcruiser FJ40, 55	VR-1218
1969-72	Landcruiser 3.9L FJ40	VR-1200
1969-74	Landcruiser 3.9L FJ55	VR-1218
1975-76	Landcruiser 4.2L FJ55	VR-1218
1976-77	Landcruiser 4.2L FJ40 US & Canada	VR-2205
	FJ55 US & Canada	VR-1218
1977-78	Landcruiser (4.2L) US	VR-2205
	Canada	VR-1802
1979	Landcruiser 2F (4.2L) US	VR-1232
1979-80	Landcruiser (4.2L) (Canada)	VR-1802
1980-83	Landcruiser (4.2L) FJ40 US, FJ60	VR-1225
	FJ40, FJ60 (Canada)	VR-1802
	BJ60 (12 volt) 3.4L (Canada)	VR-1245
1983-87	Landcruiser (4.2L) FJ60	VR-1225
1984-88	MR-2 4AGELC (1.6L) All	VR-1243
1969	Pickup 3RC (1.9L) All	VR-1218
1970-73	Pickup 18RC (2.0L) All	VR-1218
1974-76	Pickup 20R (2.2L) All	VR-1218
1977-80	Pickup 20R (2.2L) All	VR-1232
1981-86	Pickup Diesel (2.0L) 2.2L	VR-1245
1987-88	Pickup 22R (2.4L) 2WD (RN50, 55); 4WD (RN61, 66, 70)	VR-1243
1981	Starlet 4KC 1.3L US	VR-1225
1979-81	Supra 4ME, 5ME 2.6, (2.8L) All	VR-1802
1982-83	Supra 5MGE	VR-1240
1984-88	Supra 5MGE (2.8L) All, 7MGE & TE (3.0L) All	VR-1243
1980	Tercel 1AC, 3AC (1.5L) US	VR-1232
	Tercel 1AC, 3A (1.5L) Canada	VR-1802
1981-82	Tercel 1AC, 3A, AC (1.5L) All	VR-1240

TOYOTA (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1983-84	Tercel 3AC, (1.5L) US	VR-1242
	Tercel 3AC (1.5L) 3A Canada	VR-1240
1985-86	Tercel 3AC (1.5L) US	VR-1242
	Tercel 3A (1.5L) Canada	VR-1243
1987	Tercel 3AC (1.5L) AL21, 25 US	VR-1242
	Tercel 3A (1.5L) AL21, 25 Canada, 3E (1.6L) EL31	VR-1243
1983-84	Van 3YEC All	VR-1243
1986-87	Van 4YEC All	VR-1243

TRIUMPH

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1967-68	GT-6 KC 2.0L	VR-2226
1969-74	GT-6 KC 2.0L	VR-1767
1960-69	Herald (1.0, 1.1L) Herald 1200	VR-2225
1963-70	Spitfire (1 2, 1.3L) MKI, II, III	VR-2226
1971-72	Spitfire FC (1.3L), Spitfire MKIV	VR-1767
1973-78	Spitfire FK, FM (1.5L), Spitfire MKIV	VR-1767
1979-80	Spitfire FM, (1.5L), Spitfire 1500	VR-1767
1971-72	Stag LD 3.0L	VR-1765
1956-62	TS (2.0L) TR2, TR3	VR-2225
1962-67	CT (2.1L) TR4, TR4A	VR-2225
1969-73	CC, CP, CR 2.5L TR6	VR-1767
1975-81	AC (2.0L) TR7 w/o AC	VR-1767
1976-79	AC (2.0L) TR7 w/AC	VR-1766
1978-81	TCN, TPN (3.5L) TR8 w/o AC	VR-1767
1968-69	CD (2.5L) TR250	VR-1767
1963-67	ViTesse 2000, T-2000 Sedan 2.0L	VR-2226
1960-62	All Models w/Delco Int. Equip. Alt	VR-2206

TURISMO (CHRYSLER)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1986-87	E (2.2L) w/Turbo & w/o Turbo	VR-1749
1984-85	Z (1.6L) All, E (2.2L) w/Carb., E (2.2L) w/FI	VR-1749
	E (2.2L) w/FI 78 Amp	VR-1230
1981-83	E12 (1.7L) w/Wide & Narrow Connectors	VR-1749
1978-80	E12 (1.7L) All	VR-1749

VAUXHALL-ENVOY

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1967-70	All w Alternator	VR-1765

VEGA

Year	Vehicle Model Alternator or Generator	★ Voltage Regulator
1971-77	All	VR-1770

VISTA (CHRYSLER)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1984	A 2.0L All	VR-1230

VOLKSWAGEN

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1987-88	Jetta ME (1.6L) Diesel w/AC, MF Turbo Diesel, Golf GT, NE (1.6L) Diesel w/o AC & w/AC	VR-1796
1986-88	Cabriolet JH (1.8L) 1800	VR-1213
1986	Jetta ME, MF (1.6L) Diesel	VR-1796
	Quantium KX 2.3L 2.3 w/AC	VR-1796
1985	Cabriolet JH (1.8L) 1800; Jetta GX, HT 1.8L, GLI	VR-1213
	Jetta ME, MF (1.6L) Diesel w/AC; Quantium KX 2.3L 2.3 w/AC; Quantium 1.6L Turbo Diesel	VR-1796

★ *Integral regulator VR-1770 has 14.0-15.0 volt setting. For 14.3-15.3 volt setting use VR-1786*

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VOLKSWAGEN (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1985-86	Golf, GT; MK 1.6L Diesel	VR-1796
1984	Quantium KM 2.2L, CY 1.6L	VR-1796
	Quantium CY 1.6L Motorola Equipped	VR-1213
1983-84	Pickup EN, JH (1.7, 1.8L) w/AC w/o PS 7 w PS	VR-1213
	JK 1 6L Diesel with & without AC	VR-1213
	Rabbit EN, JH (1.7, 1.8L) w AC w/o PS, w AC w PS	VR-1213
	JK 1 6L Diesel w/o AC	VR-1796
1983-85	Vanagon 1.6L Diesel	VR-1796
	Vanagon 1.6L Diesel (optional)	VR-1213
1982-84	Jetta 1.7L w/o AC EN	VR-1796
	Jetta 1.7L	VR-1213
	Jetta 1.6L Diesel (optional) MF	VR-1796
1982-83	Quantium WT (1.7L) WE (2.2L) CY (1.6L)	VR-1213
1982-83	Quantium WT (1.7L) WE (2.2L) CY (1.6L)	VR-1796
1981-82	Pickup EN, JF (1.7L) 1700 w/AC, w/o AC, CR 1.6L Diesel w/AC	VR-1213
	Pickup CR 1.6L Diesel w/o AC, w/AC	VR-1796
	Rabbit En, JF (1.7L) 1700 w/o AC, w/AC, CR 1.6L Diesel w/o AC (optional), w AC (optional)	VR-1213
	CR 1.6L Diesel w/AC w/'W' Terminal	VR-1796
1980-81	Dasher YG, YH (1.6L) 1600; CR 1.6L Diesel	VR-1796
	Dasher YG, YH (1.6L) w/o AC, w/AC; CR (1.6L) Diesel w/o AC, w/AC	VR-1213
	Jetta EJ, EN (1.7L) (1.6L) 1600, CR (1.6L) Diesel w/o"W" Terminal	VR-1796
	Jetta EJ, EN (1 7L) MOT Equip., w/AC & w o AC; CR (1.6L) Diesel w/o"W" Terminal w AC MOT Equip, CR 1.7L	VR-1213
	Scirocco EJ (1.7L) w/o AC, w/AC, EN 1.7L w/AC	VR-1213
	Scirocco EN (1.7L) w o AC	VR-1796
1980-82	Vanagon CV (2.0L) CS 1.6L Diesel	VR-1796
	CS 1.6L Diesel (optional)	VR-1213
1980	Rabbit FX (1.5L) 1500, EJ (1.6L) 1600, EJ (1.6L) 1600 w/AC, CK 1.5L Diesel w/AC	VR-1796
	Rabbit FX (1.5L) EJ (1.6L) 1600 Wolfsberg, EJ (1.6L) 1600 Westmoreland, CR 1.6L Westmoreland CR 1.6L Diesel Westmoreland w/AC	VR-1213
1979	Rabbit EN (1.5L) 1500, 1500 w/AC, CK 1.5L Diesel	VR-1796
	Rabbit (1.5L) 1500, EN (1.5L) 1500 Westmoreland	VR-1213
	Scirocco EH (1 6L) 1600, EJ (1 7L)	VR-1796
	Scirocco EH (1 6L) 1600 w o AC, w AC, EJ (1 7L)	VR-1213
1979-80	Type II Bus, Transporter, Vanagon 04 (2.0L) 2000	VR-1303
1978-79	Dasher CK (1.5L) Diesel w/o AC, w/AC, CK (1.6L) 1600 w/o AC, YG, YH 1.6L 1600 w/AC w/'W' Terminal	VR-1796
	Dasher 1.5L Diesel w/o AC, w/AC, YG, YH (1.6L) 1600 w/AC	VR-1213
1977-78	Scirocco & Rabbit EE, EH (1.6L) 1600 w/o AC, w/AC, CK (1.5L) Diesel	VR-1796
	Scirocco, Rabbit EE, EH (1.6L) 1600 w o AC (optional) w/AC (optional)	VR-1213
1976-77	Cabriolet YG, YH (1.8L) 1600 w/o AC, (1.6L) w o AC & w/AC	VR-1796
	Cabriolet YG, YH (1.8L) 1600 w/o AC, YG, YH (1 6L) 1600 w/o AC (optional), (1 8L) 1600 w/AC	VR-1213

VOLKSWAGEN (cont'd)

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1976	Rabbit FN 1.6L 1600	VR-1796
	FN (1 6L) 1600 (optional)	VR-1213
1975	Scirocco & Rabbit FC, FG (1.5L) 1500	VR-1796
	Scirocco & Rabbit FC, FG 1500 (1.5L) (optional)	VR-1213
1974-76	Type II Bus, Transporter, Vanagon 04 (1.8L) 1800	VR-1303
1974-75	Dasher x (1.5L) 1500	VR-1796
1973-74	Type 181 Thing 04 (1.6L) 1600	14912
1972-73	Type II Bus, Transporter, Vanagon 04 (1.7L) 1700	VR-1303
1971-74	Type III 04 (1.7, 1.8L) All	VR-1303
1967-73	Type I Beetle, Super Beetle, Karmann Ghia 04, (1 5L, 1.6L) 1500, 1600, Type III 1600 (12 volt)	14912
1967-68	Type II Bus, Transporter, Vanagon 1.5; 1.6L	14912
1966	04 (1.2L) 1300 (6 volt Beetle Only)	VR-1310
1965	Type II Bus, Transporter, Vanagon 04 (1.5L) 1200 (6 volt)	VR-2217
1962-66	Type III 04 (1.5L) 1500 (6 volt)	VR-2217
1961-64	Type II Bus, Transporter, Vanagon 04 (1 2L) 1200 (6 volt)	VR-1310
1955-65	Type I Beetle, Super Beetle, Karmann Ghia 04 (1.2L) 1200 (6 volt)	VR-1310

VOLVO

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1983-85	DL, GL, GLT D24 (2.4L) Diesel	VR-1796
1980-82	DL, GL, GLT, B21F (2.1L) Gas, B21, B21FT Gas & Turbo D24, (2.4L) Diesel	VR-1796
1978-79	240 Series B21 (2.1L) All w/3 Prong Harness	VR-1303
1976-77	240 Series B21 (2.1L) All	VR-1303
1975	240 Series B20 (2.0L) All w/AC & w/o AC	VR-1303
1974-76	160 Series B30 (3.0L) All (optional)	VR-1215
1974-77	140, 160, 260, 343, 264, 240	VR-1217
1971-74	140 Series B20 (2.0L) All w/AC & w/o AC	VR-1303
1969-75	160 Series B30 (3.0L) All	VR-1303
1969-70	140 Series B20 (2.0L) All	VR-1303
1969-71	1800 B20 (2.0L) All	VR-1303

VOLVO PENTA

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1977-81	TM 40 Engine AQ140 Diesel, V8 S Engine, Fred Type Alt.	VR-1224
1976-82	Marine AQD-27, 29, 32	VR-1221

VOYAGER

Year	Vehicle Model Alternator or Generator	Voltage Regulator
1985-86	E (2.2L) All, F (2.6L) All	VR-1230
	E (2.2L) All, 90 Amp	VR-1749

voltage regulators for alternators

application for trucks

AUTOCAR

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1973-78	12	All	80	1100080, 81 82, 83	VR-1772
1971-77	12	All	75	1117225	VR-1777
1968-70	12	All	50	1106822	VR-2135
1965-72	12	All	62	1117756, 63, 69	VR-1769
1963-72	12	All	60, 85	1117090, 93, 94	VR-1769
1963-65	12	NH-220, 250, HRF; V8-265	50, 55	1106822, 940	VR-2135
			50 Opt.	1106986	VR-2153

BROCKWAY

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1969-71	12	If Delco	62	1117756, 63	VR-1769
	12	If Delco	60, 85	1117057, 58	VR-1769
1955-58	12	If Prestolite	30	GHM	VR-2195

CHEVROLET

Year	Volts	Engine or Model	Amps	Generator or Alternator	★Voltage Regulator
1980-82	12	All exc. 1100080, 81, 91	42, 63,	1100094	
		w/hydraulic brake	65, 70 80, 100,	1101041, 42, 59, 61, 1103069, 70, 71	VR-1770
1980	12	All w/hyd. brakes	65, 80, 90, 100	1100080, 81, 91, 1117481, 1117732	VR-1772
1978-80	12	All opt	75	1117241, 44	VR-1777
1978-79	12	All opt	65, 80, 90	1100080, 81 1117481, 1117732	VR-1772
1978-79	12	All exc. opt. 80	42, 63, 80	1101020, 29, 30, 1102497, 99, 1103046	VR-1770
1978	12	All	42, 61	1102848, 849	VR-1770
1977	12	All	37, 42 61	1102394, 480, 485, 486, 491, 497, 499, 886, 888	VR-1770
	12	All opt	145	1117149	VR-1772
	12	All	80, 90	1100080, 081 1117481, 732	VR-1772
	12	All	80	1101016, 020, 029	VR-1770
1971-77	12	All	75	1117225, 231, 241, 244	VR-1777
1976	12	All	37, 42, 61	1102394, 491, 497, 499, 887, 889	VR-1770
	12	All	80, 90	1100080, 081, 1117481	VR-1772
	12	All	80	1101016, 029	VR-1770
	12	All	55	1102396	VR-1772

★ *Integral regulator VR-1770 has 14.0-15.0 volt setting. For 14.3-15.3 volt setting use VR-1786*

CHEVROLET (cont'd)

Year	Volts	Engine or Model	Amps	Generator or Alternator	★Voltage Regulator
1975	12	All	37, 42, 55, 61	1100497, 547, 548, 560, 573, 757, 597, 934, 1102346, 347, 382, 383, 394, 478, 479, 480, 481, 485, 486, 491, 497, 499	VR-1770
	12	All	80	1100080, 081	VR-1772
	12	All	80	1101016, 022, 029	VR-1770
	12	7500, 8000 Series w/6V-53 Engine 1st Prod	61	1100849	13702
	12	7500, 8000 Series w/6V-53 Engine 2nd Prod	61	1102945	13701
	12	7500, 8000 Series w/V8-427 Engine 1st Prod	42	1100842	13701
	12	7500, 8000 Series w/V8-427 Engine 2nd Prod	42	1102944	13702
1975	12	7500, 8000 Series w/V8-427 Engine Opt	61	1100849 1102945	13701
	12	5000, 6000 Series w/L6-292, V8-350, V8-366 Engines	37, 42	1100838, 842, 1102943, 944	13702
	12	TE6000 w/V8-350, V8-366 Engines Opt. 1st Prod	61	1100849	13702
	12	T E 6000 w/V8-350, V8-366 Engines Opt. 2nd Prod	61	1102945	13701
1974	12	All	80	1100080, 081	VR-1772
1973-74	12	All	37, 42, 55, 61	1100497, 573, 595, 597, 1100934, 1102346, 47, 49, 50, 52, 67, 68, 82, 83	VR-1770
	12	All	37, 42 61	1100838, 42, 49	13702
	12	Opt	80	1101015, 22	VR-1770
1971-74		Opt	61	1100547, 48	VR-1770
	12	Opt	62	1117781	VR-1769
1969-74	12	Opt	62	1117754, 782	VR-1770
1968-73	12	Opt	62	1117756	VR-1769
1972	12	All	37, 42 61	1102440, 52, 55, 56, 58, 59, 63	13701
	12	PE 300 (Motor Home)	37	1100487	VR-1770
1971-72	12	Models CG, SG, TG	37	1100849	13702
	12	All Others	37, 42, 61	1100834, 38, 39, 42, 49	13701
1971-72	12	Opt		1117128	13701

for alternators

ACE™

application for trucks

CHEVROLET (cont'd)

Year	Volts	Engine or Model	Amps	Generator or Alternator	★Voltage Regulator
1969-70	12	All	37, 42, 61	1100834, 38, 39, 42, 41, 49, 96	13701
	12	V8-366, 427 Eng.	42, 61	1100825, 33, 1100897, 99	VR-1770
	12	Opt	130	1117128	VR-1769
1966-68	12	Standard	37, 42, 61	1100693, 95, 96, 750, 94, 95	13701
	12	If Opt	62	1117782	VR-1770
1965	12	Standard	37, 42, 55	1100693, 94, 95, 96	13701
1964	12	Standard	37, 42,	1100665, 68, 69, 70	13701
1963-68	12	School Bus	130	1117128	VR-1769
1963	12	Standard	37, 42, 52	1100628, 29, 33	13701
1963	12	Opt	50	1106822	VR-2135

DIVCO

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1965-67	12	All	42	1100696	13702
	12	Optional	55	1100690	13702
1963-67	12	All w/Cont. Eng. F-4-162, G4-193, F06-226, Herc. Eng.	42	1100629	13702
	12	Optional	55	1100633	13702
1965	12	All	42, 52	1100689, 690	13702
1963-65	12	All	42, 52	1100629, 633	13702
1963-64	6	All	25	1105876	VR-2103
	6	All	40	1105009	VR-2110
	12	All	35	1105116	VR-2129

DODGE

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1978-82	12	All Chrysler	41-63	3874698, 729, 777, 3895641, 4091795, 4091460	
	12	All Chrysler	100	4091460	VR-1749
1976-82	12	All Chrysler	50-63	3874728, 729, 776, 777, 3895641	VR-1749
	12	All Chrysler	65-78	3874730	VR-1749
	12	All Chrysler	100	3755585, 4985307, 4091460	VR-1749
1975	12	All Chrysler	50-60	3837163, 164	VR-1749
1974	12		100	3874296	VR-1749
1972-74	12	All Chrysler	41-60	3438804, 806, 807, 809, 811, 813, 841, 843, 844, 846, 847, 3621853, 854, 859, 861, 3656218, 219, 3656711, 713, 3780588, 589	VR-1749
1969-74	12	Canada, Delco Equipped	62	1117756	VR-1769
	12	Canada, Delco Equipped	60, 85	1117089, 90	VR-1769

DODGE (cont'd)

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1970-71	12	All Chrysler	37-50	3438161, 162, 163, 164, 165, 166, 172, 173, 178, 3656131, 135, 136, 137, 395, 396, 397	VR-1749
	12	All Chrysler	60	3438168, 174, 180	VR-1749
1969	12	All Chrysler	37-46	All	VR-1712
	12	All Chrysler	60	All	VR-1712
1963-68	12	Prestolite Equipped	34	ALK-5001S	11710
	12	All Chrysler	35-46	2098830, 850, 2642537, 2875724	
	12	All Chrysler	60	2444897, 898, 2875844, 3000010	VR-1712
1961-63	12	All Standard	35	GJM-7001E, F	VR-2192
	12	All Standard	35	GJM-7002C, D	VR-2192

EUCLID

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1969-71	24	All	75	1117236	VR-1778
	12	All	62	1117756	VR-1769
1963-66	12	All	60	1117093	VR-1769
	12	All	62	1117763	VR-1769
	12	All	85	1117094	VR-1769
	24	All	30	1117774	VR-1771
	12	All	50	1106940	VR-2135
	12	All	55	1106991	VR-2153
1949-71	24	All	20	1106053	VR-2150

FORD

Year	Volts	Engine or Model	Amps	Generator or Alternator	★Voltage Regulator
1978-81	12	1117483, 1117736	90	Delco	VR-1772
1978-81	12	All	65	Motorcraft	VR-1784
	12	100-500 Series	70	Motorcraft	VR-1784
1978-79	12	1102936	61	Delco	VR-1770
		1117241	75	Delco	VR-1777
1976-78	12	All	40	Motorcraft	12724
	12	600-900 Series	70, 90	Motorcraft	VR-1784
	12	100-500 Series	90	Motorcraft	12724
1975-78	12	100-500 Series	60	Motorcraft	12724
	12	600-900 Series Transistorized	60	Motorcraft	VR-1784
	12	600-900 Series Non-Trans	60	Motorcraft	12724
1974-78	12	All	70	Leece-Neville	VR-1784
	12	All	100	Motorcraft	VR-1784
	12	All	105	Leece-Neville	VR-1784
1974-77	12	1117225	75	Delco	VR-1777
		1117484	90	Delco	VR-1772
1977	12	100-500 Series Transistorized	70	Motorcraft	VR-1784
	12	100-500 Series Non-Trans	70	Motorcraft	12724
1976	12	All	42, 55	Motorcraft	12724
	12	All	61	Motorcraft	12724
	12	100-500 Series	70	Motorcraft	VR-1784

★ *Integral regulator VR-1770 has 14.0 - 15.0 volt setting. For 14.3 - 15.3 volt setting use VR-1786*

voltage regulators for alternators

application for trucks

FORO (cont'd)

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1975	12	100-500 Series	40	Motorcraft	12724
	12	100-500 Series Hi-Temp	38,42 55	Motorcraft	12724
	12	100-500 Series Non Hi-Temp	38,42 55	Motorcraft	12724
	12	100-500 Series	70	Motorcraft	VR-1784
	12	600-900 Series	70	Motorcraft	VR-1784
	12	CI-CLT 900	90	Motorcraft	VR-1784
1974-75	12	600-900 Series Transistorized	40, 42 55	Motorcraft	VR-1784
	12	600-900 Series Non-Trans	40, 42 55	Motorcraft	12724
1974-75	12	100-500 Series Hi-Temp	61	Motorcraft	12724
	12	100-500 Series Non Hi-Temp	61	Motorcraft	12724
	12	600-900 Series Transistorized	61	Motorcraft	VR-1784
	12	600-900 Series Non-Trans	61	Motorcraft	12724
1974	12	100-500 Series	38, 42, 55	Motorcraft	12724
	12	100-500 Series	38,42, 55	Motorcraft	12724
	12	All	70	Motorcraft	VR-1784
	12	All	90	Motorcraft	VR-1784
1973	12	100-500 Series.	38-42, 55	Motorcraft	12724
	12	600-900 Series Transistorized	40,42, 55	Motorcraft	VR-1780
	12	600-900 Series Non-Trans	40,42, 55	Motorcraft	12724
	12	100-500 Series	61	Motorcraft	12724
	12	600-900 Series Transistorized	61	Motorcraft	VR-1780
	12	600-900 Series Non-Trans	61	Motorcraft	12724
	12	600-900 Series	70	Motorcraft	VR-1780
	12	All	70	Leece-Neville	VR-1780
	12	All	90	Motorcraft	VR-1780
	12	All	105	Leece-Neville	VR-1780
1970-72	12	All	38, 42, 55, 60	Ford	12724
	12	All	61	Ford	12724
	12	All Trans	65, 70, 85, 90	Ford	VR-1780
	12	All Trans	70, 105	Leece-Neville	VR-1780
1967-69	12	All	38, 42, 45, 55, 60	Ford	12724
	12	All	65, 70, 90	Ford	12724
	12	All Trans	60, 65 105	Leece-Neville	VR-1780
1966-67	12	All Trans	60, 65, 105	Leece-Neville	VR-1780
1965-66	12	All	38, 42, 45, 55	Ford	12724
1963-64	12	All	42, 52, 60	Ford	12724
1963-64	12	All	30, 40	Ford	12961

FREIGHTLINER

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1972-77	12	All opt	62	1117778, 781	VR-1769
	12	All opt	85	1117057, 58	VR-1769
	12	All opt	85	1117057, 58	VR-1769
1973-81		All opt	90	1117734, 735	VR-1775
	12	All opt	90	1117481, 482, 732	VR-1772
1972-81	12	All opt	75	1117225, 234, 232,241	VR-1777
1974	12	All opt	65, 90	1100080, 081, 082, 083, 1117736	VR-1772
	12	All opt		1117235	VR-1776
1963-67	12	All opt	62, 63	1117756, 783	VR-1769
	12	All opt	85	1117090, 94	VR-1769
1961-62	12	All opt	60	1117078	VR-1769
	12	All opt	105	1117115, 117	VR-1769
1967	12	All standard	50	1106822	VR-2135
1961-67	12	6V-71, 8V-71, 6171-E	50	1106824, 825	VR-2135
	12	Cumm.NHS, NHRS	50	1106940, 932	VR-2135
1961-66	12	Standard exc. V8-350	50	1106937	VR-2135
	12	V8-350	50	1106822	VR-2135

GMC

Year	Volts	Engine or Model	Amps	Generator or Alternator	★Voltage Regulator
1980	12	All exc. 1100080, 81, 91 w/hyd. brakes	42, 63, 65, 70, 80, 100	1100094, 1101041, 42, 59, 61, 1103069, 70, 71	VR-1770
1980	12	All w/hyd. brakes	65, 80, 90, 100	1100080, 81, 91, 1117481, 1117732	VR-1772
1979	12	All opt	65, 80, 90	1100080, 81 1117481, 732	VR-1772
1979-80	12	All opt	75	1117241, 44 1101020, 29 30	VR-1777
1979	12	All exc. opt. 8	42, 63, 80	1102497, 99, 1103046	VR-1777
1978	12	All	42, 61	1102848, 849	VR-1770
1977	12	All	37,42, 61	1102394, 480, 485, 486, 491, 497, 499, 886, 888	VR-1770
	12	All opt	61	1117149	VR-1772
	12	All	80, 90	1100080, 081 1117481, 732	VR-1772
	12	All	80	1101016, 020, 029	VR-1770
1976	12	All	37, 42, 61	1102394, 491, 497, 499, 887, 889	VR-1770
	12	All	65, 80, 90	1100080, 081, 1117481	VR-1772
	12	All	80	1101016, 029	VR-1770
	12	All	55	1102396	VR-1772

★ *Integral regulator VR-1770 has 14.0 - 15.0 volt setting. For 14.3 - 15.3 volt setting use VR-1786*

GMC (cont'd)

Year	Volts	Engine or Model	Amps	Generator or Alternator	★Voltage Regulator
1975	12	All	37, 42, 55, 61	1100497, 547, 548, 560, 573, 575, 597, 934, 1102346, 347, 382, 383, 394 478, 479, 480, 481, 485, 486, 491, 497, 499	VR-1770
	12	All	80	1100080, 081	VR-1772
	12	All	80	1101016, 022, 029	VR-1770
	12	7500, 8000 Series w/6V-53 Engine 1st Prod	61	1100849	13702
	12	7500, 8000 Series w/6V-53 Engine 2nd Prod	61	1102945	13701
	12	7500, 8000 Series w/V8-427 Engine 1st Prod	42	1100842	13701
	12	7500, 8000 Series w/V8-427 Engine 2nd Prod	42	1102944	13702
1975	12	7500, 8000 Series w/V8-427 Engine Opt	61	1100894, 1102945	13701
	12	5000, 6000 Series w/L6-292, V8-350, V8-366 Engs	37, 42	1100838, 842, 1102943, 944	13702
	12	TE6000 w/V8-350, V8-366 Engines Opt. 1st Prod	61	1100849	13702
	12	TE-6000 w/V8-350, V8-366 Engines opt. 2nd Prod	61	1102945	13701
1974		All	80	1100080, 081	VR-1772
1973-74	12	All	37, 42, 55, 61	1100497, 573, 595, 1100934, 1102346, 47, 49, 50, 52, 67, 68, 82, 83	VR-1770
	12	All	37, 42, 61	1100838, 42, 49	13702
	12	Opt	80	1101015, 22	VR-1770
1971-74	12	Opt	61	1100547, 48	VR-1770
1970-74	12	Opt	62	1117781	VR-1769
1966-73	12	Opt	62	1117756	VR-1769
1972	12	All	37, 42, 61	1102440, 52, 55, 56, 58, 59, 63	13701
	12	PE 300 (Motor Home)	37	1100487	VR-1770
1971-72	12	Models CG-SG, TG	37	1100849	13702
	12	All others	37, 42 61	1100834, 38, 39, 42, 49	13701
	12	Opt	130	1117128	13701

★ *Integral regulator VR-1770 has 14.0 - 15.0 volt setting. For 14.3 - 15.3 volt setting use VR-1786*

GMC (cont'd)

Year	Volts	Engine or Model	Amps	Generator or Alternator	★Voltage Regulator
1970	12	Handi-Van, Sport Van, Delivery, Light Duty & Models S, C, CG 5500V	37, 42 61	1100834, 38, 39, 42, 43, 49	13701
	12	All others	37, 42, 61	1100834, 38, 39, 42, 43, 49	13702
1969-70	12	All with built-in regulator	42, 61	1100825, 33, 1100897, 99	VR-1770
	12	Opt	85, 140	1117058, 139	VR-1769
1968-70	12	School Bus Chasis	130	1117128	13702
1969	12	School Bus, Medium, Medium & Heavy Detroit Diesel	37, 42 61	1100842, 49	13702
	12	All others	37, 42, 61	1100834, 38, 39, 42, 43, 49	13701
1968-69	12	TDH 3301A, TDH 3502A	55	1117753	13702
1968	12	Handi-Van & Sport Van	37, 42, 61	1100794, 95 96	13701
	12	Medium, Medium & Heavy	42	1100696	13702
1967-68	12	Standard	32, 37, 42	1100693, 95, 96	13701
	12	Opt	140	1117122	13702
1966-68	12	All	37, 42, 61	1100750	13701
1963-68	12	Opt	85	1117090	VR-1769
1967	12	Medium, Medium & Heavy	37, 42,	1100688, 89	13702
	12	Opt	105	1117115	13702
1966-67	12	Opt	130	1117128	VR-1769
1966	12	Opt	62	1117777	VR-1769
1964-66	12	Standard	32, 37, 42, 55	1100688, 89, 90, 93, 94, 95, 96	13701
1962-65	12	Opt	60	1117089	VR-1769
1963-64	12	Standard	32, 37, 42, 52	1100628, 29, 33, 42, 68, 70	13701
1966-68	12	Diesel 6-53, 6-71, 6V-71, 8V-71	50	1106927, 28, 31, 44	VR-2135
1965	12	Standard	35	1102176, 77	13921
	12	Opt	50	1106822, 904 27, 28, 31, 44	VR-2135
	12	Opt	50	1106986	13926
1963-64	12	351, 401, 478	35	1102176, 77	13921
	12	351, 401, 478, 702	35	1105127	VR-2129
	12	6V-71, 351, 401, 478, 702	50	1106822, 904 27, 28, 31, 44	VR-2135
1962	12	Std. 1st Prod. If Alt	42, 52	1100600, 01	13701
	12	Std. 2nd Prod. If Alt	42, 52	1100615, 18	13701

voltage regulators for alternators

application for trucks

GMC (CANADA)

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1963		All	37, 42, 52		13701
		All	35		13921
		All, low cut-in	35		VR-2129
		All, low cut-in	50		13927
		All HD Equip. (Std. on 70 Series)	50		VR-2135
1965		All exc. 62 Amp.			13701
		All w/DC Gen		1102176, 7	13921
				1106107, 8, 9, 10, 986	13927
				1106822, 904, 927, 928, 931, 944	VR-2135

INTERNATIONAL

Year	Volts	Engine or Model	Amps	Generator or Alternator	★Voltage Regulator
1979-81	12	All	42, 63, 61	1103174, 75, 1103182	VR-1770
1977-81	12	All	90	1117732 1117481	VR-1772
1975-81	12	All	37, 61	1100543, 544, 558, 588, 1102474, 848, 849, 1103170	VR-1770
1975-76	12	All	61	1102370	VR-1772
1971-81	12	All	80, 65	1100080, 081	VR-1772
	12	All	105, 145	1117147, 148, 149	VR-1772
1971-79	12	All	100, 105 145	1117141, 43	VR-1788
1971-78	12	All	37	1100580	VR-1770
1963-81	12	All	75	1117225, 241	VR-1777
1972-79	12	All	37, 61	1100544, 588, 1102474	VR-1770
	12	All	37, 61	1100696, 750	13702
	12	All	55	1117753	VR-1769
	12	All	62	1117756	VR-1769
1972-74	12	All	85	1117090	VR-1769
	12	All	130	1117128	VR-1769
	12	All	145	1117148, 149	VR-1772
1971-79	12	All	37, 61	1100544, 588, 1102474	VR-1770
	12	All	55	1117753	VR-1769
	12	All	61	1100750	VR-1769
	12	All	62	1117756	VR-1769
	12	All	130	1117128	VR-1769
	12	All	145	1117148, 149	VR-1772
1970	12	All	61	1100544, 1102474	VR-1770
1969-70	12	All	37, 55, 61	1100688, 690, 750	13702
	12	All	55	1117753	13702
	12	All	62	1117756	VR-1769
	12	All	130	1117128	VR-1769
1967-68	12	All	55, 61	1100690, 750	13702
	12	All	85	1107090	VR-1769
	12	All	130	1117128	VR-1769
1965-68	12	All	32, 37	1100687, 688	13702
1963-68	12	All	55	1117753	13702
	12	All	62	1117756	VR-1769

INTERNATIONAL (cont'd)

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1963-64	12	All	32, 37	1100628, 630	13702
1963-64	12	All	50	1106822	VR-2135

KENWORTH

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1977-81	12	All	75	1117241	VR-1777
1975-81	12	All	90	1117481, 732	VR-1772
1972-76	12	All	75	1117225	VR-1777
1972-74	12	All	62,	1117781	VR-1769
	12	All	60, 85	1117058, 059	VR-1769
1967	12	All	62	1117756, 769	VR-1769
	12	All	60, 85	1117089, 090	VR-1769
	12	All	62	1117756	VR-1769
	12	All	85	1117090	VR-1769
1961-62	12	All	60	1117078	VR-1769
	12	All	105	1117115	VR-1769
1961-67	12	All	50	1106822, 824, 825, 914, 932, 940	VR-2135
1961-62 67	24	All	20	1106053	VR-2150

MACK

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1981	12	All	75	1117241	VR-1777
1976-81	12	All	90	1117481, 82 1117732, 35	VR-1772
1976-80	12	All	75	1117245	VR-1776
1972	12	All	65, 80	1100075, 76	VR-1788
1967-76	12	All	75	1117232	VR-1776
1973-74	12	All	65, 80	1100082, 083	VR-1772
1967-77	12	All	62, 80	1117763	VR-1769
	12	All Alt	62	1117761	VR-1769
	12	All Alt	60, 85	1117056, 57	VR-1769
1967-71	12	All Alt	62	1117763	VR-1769
1971	12	All	50	1106782	VR-2153
1965-71	12	All Gen	50, 55	1106112, 978, 979	VR-2153
	12	All Gen	50, 55	1106822, 934	VR-2135
1966-67	12	All Gen	30	1102128	13921
	12	All Gen	35	1102210	13921
1962-65	12	E N 331, 402	35	1102210	13921
	12	All others, incl. Diesel	50, 55	1106822, 934	VR-2135

MITSUI-DEUTZ

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1978-83	24			021000, 4271 4711, 04405463, 04408422	VR-2215

MOTORCOACH INDUSTRIES

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1980-81	12	All	145	1117149	VR-1772

★ *Integral regulator VR-1770 has 14.0 - 15.0 volt setting. For 14.3 - 15.3 volt setting use VR-1786*

for alternators

ACE™

application for trucks

PETERBILT

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1977-81	12	All	75	1117241	VR-1777
1975-81	12	All	80, 90	1100080, 081	
				1117481, 732	VR-1772
1972-77	12	All	75	1117225	VR-1777
	12	All	55	1117753	13702
	12	All	62	1117756	VR-1769
1972	12	All	85	1117090	VR-1769
1972-74	12	All	65, 80	1100072, 73	VR-1788
1967	12	All	95	1117753	13702
	12	All	62	1117756, 769	VR-1769
	12	All	85	1117090, 094	VR-1769
1965-66	12	Std. for Cat. Eng.	62	1117769	VR-1769
1963-66	12	Std. For Det. & Cumm. Engs.	55	1117753	13702
	12	Std. for Det. & Cumm. Engs.	62	1117756	VR-1769
	12	Opt. for all Engs.	85	1117090, 094	VR-1769
1963-67	12	6V-53, 8V-53	35	1102176	13926
	12	6171N	50	1106825	VR-2135
	12	NHS-6, NHRS-6	50	1106940	VR-2135
1963-66	12	V6-200, V8-235, 265, 350	50	1106822	VR-2135

STUDEBAKER

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1964	12	All		ALK-5001	11710
1962-63	12	Gas & Diesel	30	1102222, 308	13921
		Opt	40, 45	1102223, 309	13928

WHITE

Year	Volts	Engine or Model	Amps	Generator or Alternator	Voltage Regulator
1974-77	12	All	65, 80, 90	1100080, 081, 082, 083, 1117481, 482, 732	VR-1772
	12	All	75	1117234	VR-1777
	12	All	90	1117734	VR-1775
1968	12	NH 220, 230, 250, NHC 225, NHCT 270, 280, NHE 195, NTC 395, HRF 6, V8-265	55	1117753	13702
	12	Det. Diesel	60	1117089	VR-1769
	12	Opt	62	1117756	VR-1769
	12	Opt	85, 105	1117090, 115	VR-1769
1967-68	12	V8-327, 366, HD 240, 255, 260, 275, 275A	37, 42	1100693, 696	13702
1963-66	12	NHE 180, 190, 195, 220, 225, NH 250 opt	60	1117093	VR-1769
	12	Opt	62	1117763	VR-1769
1968	12	With Detroit Diesel	80	1106822	VR-2135
1965-66	12	Perkins 6-354	80	1102128	13921
	12	NHE 180, 195, 220, 225, NH 250, 5000TD w/NH 250	50	1106822, 940	VR-2135
1963-66	12	450-A, 462-A, 477-A, 531-A			
		Opt	50	1102306	13921
	12	Opt	50	1106822	VR-2135

application for farm equipment—tractors

ALLIS-CHALMERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
A		6	All	13690
B, C, CA	G-116, B-125	6	For Prestolite	13690
		6	For Delco	[1]VR-1429
D-10, D-12	125, 138	6	All	13911
	149, 226	12	1100305	13915
	149, 160	12	1100426	13921
D-14	149	6	All	13911
		12	All	13915
D-15, D-15D	149	12	1100305	13915
	149, 160	12	1100426	13921
	175 Diesel	12	1100327	13913
		12	1100345	13915
		12	1100440	13917
D-17	226 Gasoline	12	1100305	13915
	262 Diesel	12	1100345	13915
	All	12	1100426	13921
D-19	262 Gasoline	12	All	13915
D-21	AC3400, 3500 Diesel	12	All	13702
E		12	All	13692
ED40	Diesel		All	VR-2214

ALLIS-CHALMERS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
G	Continental N-62	6	All	13911
1-40 1400	G-149	12	1100305	13915
		12	1100426	13921
1-60, 1-60D 1-600	D175	12	1100327	13913
		12	1100440	13917
K		12	GAE-4026	13692
		12	GFW-4810	13692
M		6	All	13691
RC	B-125	6	All	[1]VR-1429
T-16 Sugar Babe	3500, 7000 Dsl	24	All	[1]VR-2152
UC	All	6	GAR- GFA	13691
		6	GBM	13691
UE		12	GAE-4026	13692
		12	GFW-4810	13692
UM		6	All	13691
W		6	All	[1]VR-1429
WC, WD	G-210	6	For Prestolite	13690
		6	For Delco	[1]VR-1429
	Diesel	12	All	13913
WD-45	W-226	6	All	[1]VR-1429
	Diesel	12	All	13913

[1] *Voltage regulator with resistor package to convert cutout*

voltage regulators for alternators

application for farm equipment—tractors

ALLIS-CHALMERS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
WF	G-201	6	For Prestolite	13690
		6	For Delco	[1]VR-1429
WH		6	All	13691
WK		12	GAE-4026	13692
		12	GFW-4810	13692
WKO		12	GAE-4040	13692
WM		6	All	13691
160	AD3, 152, D3, 152		1100710	13702
170	226 Diesel 236 Diesel			
175	236 Diesel, 248 Diesel			
180	G2500 GAS, 265, 2800 Diesel			
185	265 Diesel, 2800 Diesel			
190XT 190, 200	G2800 GAS, 2900 Diesel all-			
	3400 Diesel		1100822 Alternator	13702
170, 180, 185, 190, 190XT, DXT GXT, XGT, 918, 200, 210, 220	All	12	All Generator	13915
220		12	1100620 Alt.	13701
7030, 7050	35 Diesel All			VR-1770

Compact Tractors

B-110, B-112	Briggs & Stratton 243400, 300401	12	All	13914

BOLENS GARDEN TRACTORS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
188, 189 Husky	Wisconsin S-8	12		13914
Ride-a-matic 236	Kohler K-161	12		13914
600 Husky	Briggs & Stratton 143	12		13914
750, 770, 775 Husky	Briggs & Stratton 7 H.P.	12		13914
800, 850, 900 Husky	Wisconsin S-8, S-8D	12		13914
930 Estate Keeper	Wisconsin S-7	12		13914
931 Estate Keeper	Wisconsin TRA-10D	12		13914
1000 Garden	Wisconsin TRA-10D	12		13914
1050, 1054, Husky	Wisconsin TRA-10D	12		13914

[1] *Voltage regulator with resistor package to convert cutout*

BOLENS GARDEN TRACTORS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
1225, 1254, Husky	Wisconsin TRA-12D	12		13914
1250, 1256, Husky	Wisconsin S-12D	12		VR-1462
1455, 1476, 1477, Husky	Wisconsin S-14D	12		VR-1462
14D	Mtr. Gen.	12		VR-1462

DAVID BRADLEY MFG. RIDING TRACTORS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Suburban 725	Briggs & Stratton	12		13914

J. I. CASE

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
W26	Det. Diesel 6V-53	24	1117772	VR-1771
D, LA, S, VA	D, LA, S, VA	6	GBM-4823A-5	13690
VC, VI, VO	Continental F-124	6	GBM-4823A-5	13690
		6	GAS-4169A	13691
200B	G-188	6	For Delco	13911
		12	For Delco	13921
220, 222	Kohler K-241, K-301, K-132	12	For Delco 1101875	13914
301	451 Diesel	12	1100407, 44	13917
310, 350	188 Diesel	12	For Delco 1100404	13960
		12	For Delco 1102339	VR-1462
400	400, 267D Diesel	12	For Delco	13917
430, 435LCK, 440, 450, 470	G-148 Gasoline	12	For Prestolite GJT-7104A	VR-2197
	G-188, D Dsl	12	For Delco 1100385	VR-2124
444	Kohler K-241, K-301, K-321	12	For Delco 1101875	13914
470, 570	Gas & Diesel	12	ALK 7314 for Prestolite	VR-1714
450, 470, 480, CK, CK-B	G-148B Gas, G-188 Diesel	12	For Delco 1100404	13960
		12	For Delco 1100443	13921
		12	For Delco 1102339	VR-1462

for alternators

ACE™

application for farm equipment—tractors

J. I. CASE (cont'd)

Model	Engine	Volts	Generator or Alternator	★ Voltage Regulator
530				
535LCK.				
540. C. 541.				
570	G-159. G-188. D	12	For Prestolite GJT-7104A Gen.	VR-2197
	G-188. D	12	All Delco	13921
580				
580CK.				
CK-B	G-188B. D Dsl	12	For Delco 1100404	13960
		12	For Delco 1102339	VR-1462
630	159. G-188. D	12	GJT-7104A	VR-2197
	G-188 Gasoline	12	For Delco	13921
	G-188D Dsl	12	For Delco	13921
680CK	A 267. A 301	12	All	13917
700 B	251S. 267D Gas & Dsl	12	For Delco	13917
730. 734				
740	A251. A267. A301. Gas LPG. Diesel	12	All	13917
770	Gas. Diesel	12	ALH7306	VR-1714
		12	For Delco	13917
800B	251S. 267D Gas & Dsl	12		
		12	For Delco	13917
830. 840	251. 267. A284. A301 Gas. LPG. Diesel	12	All	13917
870	Gas & Diesel	12	ALH7306	VR-1714
		12	For Delco	13917
900B	377 Gasoline. LPG. Diesel	12		
		12	For Delco	13917
930. 940	A267. A301. A377. A401. Gas. LPG. Dsl	12	All	13917
970	Gas. Diesel	12	ALH7306	VR-1714
		12	For Delco ALH7307A	13917
			ALH7231A	VR-1714
1030. 1070. 1090. 1170.	A451D. 451BD. Diesel	12	All	13917
1175. 1270. 1370	Diesel King	12	ALH7306	VR-1714
2470. 2670		12	ALH7321A	
			ALH7307A	VR-1714
		12	For Delco 1103126. 127. 129. 1102928. 30. 35	VR-1770
17375	Loader	12	ANC7601. ANC7620	VR-1713
	Continental B6. F4	12	ALK6003. 7004. 7006	VR-1713
	M6 Y4 Series Lift Truck		ANC7620. ANC76205	VR-1713

COCKSHUTT TRACTORS - CANADA & CO-OP

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
30	Buda 4B-153 Gasoline	6	GED4818A	13691
40	Buda 6B-230 Gasoline	6	GED-4818A	13691
540	Continental F-162	12	All	13913
550	Hercules GO-198 Gasoline	12	1100350	13913
		12	1100396	13913
	Hercules DD-198 Diesel	12	1100352	13917
		12	1100397	13917
560	Perkins 270D	12	All	13914
570	Hercules GO-298 Gasoline	12	1100350	13913
		12	1100396	13913
	Hercules DD-298 Diesel	12	1100352	13917
		12	1100397	13917
570 Super	Hercules D-339A	12	All	13917
1600. 1650. 1800. 1850. 1900. 1950	See Oliver Tractors			

COLT GARDEN TRACTORS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
120. 150. 155. 190	Kohler K-241S			
195	K-301S	12		13914
Colt 7. 9-10	K-161. K-241	12		13914
Colt 2110. 2318. 2510	Lauson HH-100	12		13914

DAVID BROWN

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
770. 780. 880. 990. 1200	Diesel			VR-2210

JOHN DEERE TRACTORS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
A. AH. AN. AW	A. AH. AN. AW	6	1101385	13911
		6	1101356- 371	[1]VR-1429
		12	All	13913
AO AR	AO. AR	6	All	13909
B	B	6	1101356. 371	[1]VR-1429
		6	1101390. 1100506	13909
BO. BR	BO. BR	6	All	13909
D	D	12	1101720. 756	13692
		12	1100956	[1]VR-1429
			1101784	13913

[1] *Voltage regulator with resistor package to convert cutout*

★ *Integral regulator VR-1770 has 14 0 - 15 0 volt setting. For 14 3 - 15 3 volt setting use VR-1786*

voltage regulator for alternators

application for farm equipment—tractors

JOHN DEERE TRACTORS (cont'd)

Model	Engine	Volts	Generator or Alternator	★ Voltage Regulator
G	G	6	All	[1]VR-1429
		12	1101755	13692
		12	1100955	13913
650, 750				
850	3780J		1101777	VR-2211
L, LA	L, LA	6	All	[1]VR-1429
M	M	6	1101852, 857	13911
		6	1101859	13911
MT	MT	6	All	13911
R	Diesel	6	All	13909
WA-14, 17	N-855C1			
	NT-855-C1			
	Opt.		1117769	VR-1769
40	All	6	All	13911
50, 60	All	12	1100955	13913
		12	1100309	13917
70	Gasoline LPG	12	1100955	13913
		12	1100309	13917
	Diesel	6	All	VR-1410
80	Diesel, Gas			
	Starting Engine	6	All	VR-1410
	Electric Starter	24	All	VR-1461
320,				
330, 420				
430, 430C	All	6	All	13911
435D	Diesel	12	1100367	13915
440 Series	Gasoline	6	All	13911
		12	1100367	13915
520, 530,				
620, 630	All	12	All	13917
720, 730	Gasoline	12	All	13917
	Diesel Gasoline			
	Starting Engine	6	All	VR-1410
	Electric Starter	24	All	VR-1461
820, 830	Diesel Gasoline			
	Starting Engine	6	All	VR-1410
	Electric Starter	24	All	VR-1461
1010, 2010	115, 145 Gas			
	145, 165 Diesel	12	All exc. 1102331	13915
1520, 2030	164, 219 Gas		1102311	VR-1462
	& Diesel		1102359	VR-1770
3010, 3020				
4010, 4020	201, 227, 302,			
	341 Gasoline	12	All	VR-2124
	254, 270, 381,			
	401 Diesel	24	All	VR-1461
4030, 4230	329, 404 Dsl		1100491	
			1102359	VR-1770
4401D	Diesel	12	1100367	13915
		12	1102102	VR-2124
4430, 4620,				
4630	329, 404	12	10021-0290	VR-2212
4840	531 Diesel		1100490, 91	
			1102359	VR-1770
5010	Diesel	24	All	VR-1461
5010-1	Diesel	24	All	VR-1461
6030, 7020,				
7520	404, 531 Dsl		1100490, 91	VR-1770
8430, 8630				VR-2212

Compact Tractors

110	Kohler K181S	12	1101970	13917
		12	1101972	VR-1462

[1] *Voltage regulator with resistor package to convert cutout.*

★ *Integral regulator VR-1770 has 14.0 - 15.0 volt setting. For 14.3 - 15.3 volt setting use VR-1786*

FORD TRACTORS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
NAA, NAB	4-134	6	All	12905
2N, 8N, 9N	4-119 exc. '48-'49	6	8N-10001	12903
	'48-'49			VR-1401
500 Series				
thru 900				
Series	4-134, 4-172 Gasoline, LPG	6	All	12905
1800	4-144, 4-172 Diesel	12	All	12906
1801	All Diesel	6	FAC-10002A	12905
		12	B9NF-10002A	12906
2000 Series,				
3,000 Series				
4000 Series	4-134, 4-172 Gasoline	6	All	12905
	4-144, 4-172 Diesel	12	All	12906
5000 Series,				
6,000 Series	All	12	All Alternator	12906
		12	All Generator	VR-1754
Commander	6-223 Gasoline,			
6000 Series	6-242 Diesel	12	All	12906
7000	All exc. 256 DT Diesel	12	For Alternator	VR-1754
8000, 8600,				
9000, 9600	401, DT Diesel 55 A:	12	C7NN-10300-B A12NFT600	VR-1752

Compact Tractors

80, 100	Kohler K-181S, K-241S	12	1101970	13914
		12	1101972	VR-1462

FORD FERGUSON TRACTORS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
2000, 3000, 4000, 5000, 8000	22 Amp			VR-2226

FORD TRACTORS (LUCAS EQUIPPED)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
1968-on	Super 4			VR-2226
1968-70	8000			VR-2226
1965-on	3 cyl./4 cyl.			VR-2226
1965-75	2000, 3000, 4000, 5000			VR-2226

KUBOTA

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
B5100	2500 IA	12		VR-2213
B-600	2L600	12		VR-2213
B6100	D650-A	12		VR-2213
B7100	D750-A	12		VR-2213
M4000	S2200-A	12		VR-2213
M4500	S2600-A	12		VR-2213
M5500, M7500	D3000-A V4000A			
KH-10	D1100-BH	12		VR-2213
KH-18	S2200-D	12		VR-2213
L175	Z750-A	12		VR-2213

for alternators

ACE™

application for farm equipment—tractors

KUBOTA (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
L185	Z751-A	12		VR-2213
L-225	D1100-A	12		VR-2213
L245	D1101-A	12		VR-2213
	D1101-AH	12		VR-2213
L285	V1500-A	12		VR-2213
L295	D1301-A	12		VR-2213
L345	V1501-DA	12		VR-2213

GEORGE GARDEN TOOL CO. TRACTORS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Work Bird No. 006	Briggs & Stratton 142404	12		13914
Work Bird No. 0080	Kohler K-181	12		VR-1462

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL TRACTORS

Model	Engine	Volts	Generator or Alternator	★ Voltage Regulator
Cub	C-60	6	1101355. 423	[1]VR-1429
		6	1100501	13911
		6	1100531	13911
		12	1100401	13915
		12	1101693	13917
Cub Cadet	Kohler K-161, K-241, K-301	12	All	13915
	C-60	12	1101693, 98	13917
Cub 154 Lo Boy	C-10	12	1100401	13917
Lo Boy	C-60	6	1100531	13911
		12	All	13915
A, AV, B, BN, C	C-113	6	All	[1]VR-1429
Super A, Super AV, Super C	C-113	6	1101355	[1]VR-1429
		6	1100501	13911
F-140, F-140HC	C-123	12	1100578	VR-1770
H	C-152	6	1101355, 423	[1]VR-1429
		6	1100501	13911
Hydro 70D	D-312, C-291	12	All	VR-1770
Super H, HV, Super HV	C-152, C-164	6	All	13911
M	C-248	6	1101355, 423	[1]VR-1429
		6	1100501	13911
Super M	C-264	6	All	13911
MD	D-248	12	1100964	13915
		12	1100986	13692
Super MD, MDV	D-264	12	1100964	13915
		12	1100986	13692
ML, Super MTA, MV, Super MVL	C-264	6	All	13911
04, Super 04, 06	C-152, C-248	6	1101355, 423	[1]VR-1429
		6	1100501	13911

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL TRACTORS (cont'd)

Model	Engine	Volts	Generator or Alternator	★ Voltage Regulator
ODS6, Super ODS6	D-248	12	1100964	13915
		12	1100986	13692
OS4, Super OS4, OS6, Super OS6	C-152, C-248	6	1101355, 423	[1]VR-1429
		6	1100501	13911
09, W-4, W-6	C-152, C-248, C-335	6	All	[1]VR-1429
Super W-4 & All Super W-6 Series	C-264, D-264	6	All	13911
W-9	C-335	6	All	[1]VR-1429
Super WD-6, Super WD-9	D-264, D-350	12	1100964	13915
		12	1100986	13692
WDR9, Super WDR9	D-335, D350	12	All	13915
WR9, WR9S	C-335	6	All	13911
100, 130	C-123	6	All	13911
140	C-123	6	All	13911
		12	All	13915
	F-140, F-140HC	12	1100409	13915
200, 230	C-123	6	All	13911
240	C-123	6	All	13911
		12	All	13915
300	C169	6	All	13911
		12	All	13915
330	C-135	6	All	13911
340	C-135 Gasoline & LPG	6	All	13911
		12	All	13915
	D-166 Diesel	12	1100402	13915
		12	1100403	13960
350, 400	C-135, C-175 Gasoline & LPG	6	All	13911
	Gasoline, LPG & Diesel	12	All	13915
354	All	12	For. Gen.	13960
354, 404, 424, 444		12	For Alt.	13702
404, 424	C-135, C-146 BD-154	12	For Gen.	13960
450	C-281 Gasoline, LPG	12	For Gen.	13915
	D-281 Diesel	12	For. Gen.	13915
454	D-154	12	For Gen.	13960
	Alt	12	1100805	13702
	C-157	12	1100593	VR-1770
460	C-221, D-236	12	1100355, 56	13915
		12	1100394, 95	[2]13915
		12	1100391, 92	13960
464	All	12	For Gen.	13960
	C-175 Gas, D-179 Diesel	12	For Alt.	VR-1770
500C	G-146 Gas, D-155 Diesel 1100805	12		13702

[1] *Voltage regulator with resistor package to convert cutout*

[2] *Use 13960 for 1962 models*

★ *Integral regulator VR-1770 has 14.0 - 15.0 volt setting. For 14.3 - 15.3 volt setting use VR-1786*

voltage regulators for alternators

application for farm equipment—tractors

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL TRACTORS (cont'd)

Model	Engine	Volts	Generator or Alternator	★ Voltage Regulator
504	C-152, C-153, D-188	12	1100402, 03, 09	13960
	C-152, 153, D-188	12	For Alt.	13701
544, 574	C-200, D-239	12	For Alt.	13701
560	C-263, D-282	12	1100355, 56	13915
		12	1100391, 94 95, 96	13915
600	C-350, D-350	12	All	13915
606	C-221, D-236 C-263	12	Generator	13960
606	C-221, D-236 C-263	12	For Alt.	13701
650	C-350, D-350	12	All	13915
656, D	C-263, D-282	12	For Gen.	13960
		12	For Alt. exc. 1100805, 83	13701
		12	1100805, 83	13702
660	C-221, C-263, D-282	12	1100292, 392	13960
			1100395	13915
664	D-239	12	For Alt.	13701
666, D	C-291	12	For Alt.	13701
	D-312	12	1100578, 93	VR-1770
674, D RC, RCD	C-200	12	1100593	VR-1770
	D-239	12	1100578	VR-1770
706, 756, D DA, 766, 806	C-263, D-282, C-291, D-310, D-360, D-361	12	For Alt.	13701
706	C-263, D-282	12	For Gen.	13960
806	C-291, D-310, D-361	12	For Gen.	13960
826D, 2826D	D-358 32 Amp	12	1100805	13702
	55 Amp	12	1100791	13701
966, D, 1066, D	D-414, DT-414	12	1100578	VR-1770
		12	87, 93	VR-1770
856, 1026, 1206, 1256, 1275, 1456 D	C-291, C-301, D-407, DT-361, DT-407 32 Amp.	12	For Alt.	13701
	55 Amp	12	For Alt.	13701
1466D, 1468D, 1566D, 1568	DT-436, DV-550	12	For Alt.	VR-1770
1606, 1660	C-221, C-263	12	For. Gen.	13960
2400A, B. A-D, B-D	C-157, C-175, D-179	12	For Alt.	VR-1770
2404, 2424, 2444	C-153, BD-154	12	For Alt.	13702
2404, 2424	C-135, C-146, BD-154	12	For Gen.	13960
2500, A, 2504	C-153, D-188	12	For Gen.	13960

★ *Integral regulator VR-1770 has 14.0-15.0 volt setting. For 14.3-15.0 volt setting use VR-1786*

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL TRACTORS (cont'd)

Model	Engine	Volts	Generator or Alternator	★ Voltage Regulator
2500 A-D, B, B-D	C-200 Gas, D-239	12	1100593, 78	VR-1770
2544	C-200, D-239	12	For Alt.	13701
2606, 2656, D, 2706	C-263, D-236, D-282	12	For Alt.	13701
		12	1100805, 83	13701
2606, 2656, 2706	C-263, D-236, D-282	12	For Gen.	13960
2756, D	C-291, D-310	12	For Alt.	13701
806, 56	C-301, D-261, D-407	12	For Alt.	13701
2806	C-301, D-361	12	For Gen.	13960
3400A, DA	C-157 Gas, D-175 Gas	12	For Alt.	VR-1770
	D-179 Diesel	12	1100805	13702
3414	BC-144, C-144, C-153	12		
	D-154, D-188	12	For Gen.	13960
3444	BC-144, BD-154	12	For Gen.	13960
	BC-144, BD-154	12	For Alt.	13702
3500A, AD	C-200 Gas, D-239 Diesel w/built-in reg	12	1100578, 93	VR-1770
3514, 16, 3616	C-153, C-173, D-188, C-221, D-236, C-363, D-282, D-239	12	For Alt.	13702
		12	For Gen.	13960
3800, D, 3850, D	C-263, D-282, D-291	12	For Gen.	13960
3800, 3850	C-263, D-282, D-291	12	For Alt.	13702
		12	1100791	13701
4100, D, 4156, D 4300	DT-429, DT-817	12	For Alt.	13702
		12	1100791	13701
4166D, Hydro 100D	DT-436, 466	12	For Alt.	VR-1770
4366D	DT-466	12	1100593	VR-1770
		12	78, 87	VR-1770
4500A, A-D, B, B-D	C-157 Gas	12	For Alt.	VR-1770
	D-179 Diesel	12	For Alt.	VR-1770
21206, 21256, 21456	DT-361, D-407	12	For Alt.	13701

JACOBSEN MFG. CO. GARDEN TRACTORS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Chief 100-A	Kohler K-161	12		13914
Chief 800	Kohler K-181	12		13914
Chief 1000, 1200	Kohler K-241, K-301	12		13914
Chief 53028	Kohler K-181	12		13914
Chief 53031	Lauson H-60	12		13914

for alternators

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application for farm equipment—tractors

JACOBSEN MFG. CO. GARDEN TRACTORS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Chief 53035, 53036, 53200	Kohler K-241	12		13914
Chief 35215, 53275, 53300	Kohler K-301	12		13914
GT 10	Kohler K-241	12		13914
GT 12	Kohler K-301	12		13914

LEYLAND NUFFIELD TRACTORS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
253 (3 cyl.)	23640		All	VR-1766
	23774		All	VR-1766
255 & 270	23640, 23778		All	VR-1766
	23725		All	VR-1766
485 & 4100 4 Wheel 285 & 2100 2 Wheel	23778, 23725		All	VR-1766
344 & 384 (4 cyl. Diesel)	23575, 97, 23661, 37A			
	23640		All	VR-1766
245 (3 cyl. Diesel)	23640		All	VR-1766

MASSEY FERGUSON TRACTORS

Model	Engine	Volts	Generator or Alternator	★Voltage Regulator
F40	Continental Z134	6	1100530	13911
		12	1100998	13915
		12	1100362	13914
M65	Perkins 4-203	12	All	13914
MF10	Lauson HH-100	12	All	13914
MF 20, 30 31, 40, 50	Perkins AD3-152	12	1100820	13702
MF25	Perkins A4-107	12	All	13914
MF33				VR-2214
MF Special 35	Perkins 3A-152			
MF-40				VR-2210
MF40	AD3152			VR-2214
MF44	Landi 83152			VR-2210
MF44	ICM			VR-2214
MF50	Continental Z134	12	All	13914
MF50	Shovel Loader			VR-2226
	Ind			VR-2214
MF65	Perkins 4-203	12	1101012	13914
	Continental G-176	12	1100362, 435, 439	13914
MF85, MF88, MF90	Continental E-242, HD-277			
MF Super 90	Perkins 4A-300	12	All	13914
MF130	Perkins A4-107	12	All	13914

★ *Integral regulator VR-1770 has 14.0 - 15.0 volt setting. For 14.3 - 15.3 volt setting use VR-1786.*

MASSEY FERGUSON TRACTORS (cont'd)

Model	Engine	Volts	Generator or Alternator	★Voltage Regulator
MF-135	Perkins AG3-152 Perkins AD3-152	12	1100820	13702
		12	For Alt.	13702
		12	For Gen.	13914
MF-150	Perkins AG3-152, V8-573, Perkins AD3-152	12	1100805, 8/83	13702
		12	For Gen.	13914
MF-165 255	Perkins AG4-212 Perkins AD4-203	12	1100821, 828	13702
		12	For Gen.	13914
MF-203, 205 MF-175, 180, 265, 235, MF-285,				VR-2210
1080, 1085	Perkins AG4-236 Perkins AD4-236. AD4-318 Waukesha F-320G	12	1100578	VR-1770
		12	1100821	13702
MF-175, MF-180, G & D	Perkins AD3-152, AD4-203, AD4-205, AD4-236, AG3-152, AG4-212, AG4, 236 Continental G-176, G-206, Z-134, Z-145	12	For Gen.	13914
MF-202, MF-204, MF-302, MF-304, MF-356	Continental GF193, Z-134	6	1100530	13911
		12	1100362	13914
		12	1100998	13915
MF400-7, 410-8, 487, 510-7				VR-2210
MF515-7, 11				
MF-1100				VR-2210
1105	Perkins AG4-236 Perkins A6-354 Waukesha F-320G	12	1100820, 21	13702
	Perkins ATC6-354	12	1100578, 81	VR-1770
MF-1130, 35	Perkins AG-354 Waukesha F-320G	12	1100805, 83	13702
		12	1100578, 581	VR-1770
MF-1150	Perkins AV8-510 std	12	1100805, 883	13702
MF-1155	Perkins AV8-510	12	1100578, 581	VR-1770
MF-1500	Cat. 3150	12	1100883	13702
MF-1800	Cat. V8-636 Cat. 3160	12	1100883	13702

voltage regulator for alternators

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MASSEY FERGUSON TRACTORS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
MHF3, MHF4, MJA-382, D, MJD-382D	Continental E-201, E,208, E-277, E-288, F-124, F-140, F-162, H-260	12	1100328	13913
TO 20	Continental Z-120	6	1100509	13909
TO 30	Continental Z-129	6	All	13911
TO 35	Continental Z-134	12	1100364	13914
		12	1100998	13915
	Continental Z-129	6	All	13911
	23C Diesel	12	1100363	13914
		12	1101005	13914
303, 333	Continental E208, E-277, E288, ED208	12	1100328	13913
404, 444, 444LP	Continental E288, H277, HD277	12	1100328	13913
1001	Continental F208, ED208	12	1100328	13913

Compact Tractors

MF7, MF8H, MF12, G, MF14	Lauson - (Tecumseh) H-70, H-80, H-100, HH-120	12	All	13914

MINNEAPOLIS MOLINE TRACTORS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
A	Hercules 1XA3, 83, K3	6	Prestolite	13691
		6	Delco	13911
A4T1400, A4T1600	425C-6, 451-6, 504A	6, 12	All	13702
BF, B1G	Hercules 1XB3XL	6	All	13911
B-4	206K-4	12	All	13913
CU		12	1101746	13692
		12	1101783	
			1100954	13913
D-1, D-2, GB, GBLB	425A-6, 425B-6 403C4	12	All	13913
GBD	D425-6	12	1100954	13913
		12	1100314	13913
GTA, GTB, GTC, GTD	LE, 403A, 403C-4, 34A-40	6	All	[1]VR-1429
		12	All	13913

[1] *Voltage regulator with resistor package to convert cutout*

MINNEAPOLIS MOLINE TRACTORS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
GVI	425, B-6, D425A-6	12	1100314	13913
		12	1100432, 26	13960
		12	1947579	13913
G705, G706, G707, G708 G-900, G-950, G-1000, G-1050, G-1350	504	12	All	13960
	425, 451, 504A, 504B	12	All	13702
HU		12	1101746	13692
		12	1101783, 954	13913
Jet Star	D206-4, 206L4			
Jet Star 3	206B-4, 206L-4, 220A-4	12	1100430, 36	13960
		12	1100335	13913
		12	1947579	13913
		12	Alternator	13702
M5	D-336-R	12	Delco	13913
M-504	D-336A	12	1100954	13913
		12	1100314, 417	13913
		12	1100426	13960
M-602	D-336A-4	12	All	13913
M604	D336A-4	12	1100954	13913
		12	1100314, 417	13913
		12	1100426	13960
M670, Super M670	3364A, D336A-4	12	1100417	13913
		12	1100771, 805	13702
R	1XB3SL	6	All	13911
RT	EE	6	1101354	[1]VR-1429
		6	1101398	13909
		6	1100505	13909
RTE, RTN, RTS, RTU, UBN, UBU, UTE, UTN, UTU	1XB3EE, 206B, 283, A, B, C, E, AEC, KEF, D283-4	12	All	13913
UB, UBE, UBED, UBND, UBUD, UTC, UTCD, UTI, UTID, UTIL, UTILD, UTS, UTSD	283, B-4, C-4, A, B, C, AEC, KEF, D283-4	6		
			1101354	[1]VR-1429
		6	1101398	13909
		6	1100505	13909
		12	All	13913
Uni-Tractor	106N, V206-4 206N, 292, 401	6	All	13909
		12	1100335	13913
		12	1100999	13913
		12	1947579	13913
		12	Alt.	13702

MINNEAPOLIS MOLINE TRACTORS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
U302	206L-4, 220-A4	12	1100430, 36	13960
	D-236	12	1100771, 805	13702
	D-236, 220-4	12	1100954	13913
		12	1100314, 417	13913
V	ZXB-3	6	Prestolite	13691
		6	Delco	13911
ZA, ZAS	2068B, 206G-4	6	1101398	13909
		6	1100505	13909
		12	All	13913
ZB, ZBE, ZBN, ZBU	206G-4	12	All	13913
ZT, U	RE	6	All	[1]VR-1429
4 Star	206H, 206L4, D206-4	12	1100335	13913
		12	1100430	13960
		12	1947579	13913
5 Star	283E-4, D336-4	12	All	13913
11-302	206B-4, 206L-4, 220A-4	12	All	13914
335	165A, D206H	6	All	13909
		12	All	13913
445, 550	206H, D206-4, 282E-4, D336-4	12	All	13913

Compact Tractors

108, 110	K181S, K-281S	12	1101970	13915

NEW HOLLAND-SPERRY RAND TRACTORS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
S-12	Kohler K301S	12		13914

OLIVER TRACTORS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
CC12	Hercules	12	All	13913
OC-3	Hercules 1XB	6	All	13911
OC4-3	Hercules GO-130	6	All	13909
OC-4-3D	Hercules OD-130	12	All	13913
OC-6	Waukesha 186GA, GBL	6	1100504	13909
		6	1100033	13909
	Waukesha 185DA, DBL	12	All	13913
OC-9	Own	12	All	13913
OC-12	Hercules Gasoline	6	All	13909
	Hercules Diesel	12	All	13913
OC-15	Own	12	All	13913
OC-18	Hercules DFXE	12	1105912	VR-2124
		12	1105103	VR-2124
Super 44	Continental F-140, Own	6	All	13909
Super 55	Own	6	All	13909
		12	All	13913
66	Own	6	All	13909
		12	All	13913
Super 66	Own	6	All	13909
		12	All	13913

OLIVER TRACTORS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
77	Own	6	All	13909
		12	1100953, 1101775	13913
		12	1101779	13913
Super 77	Own	6	All	13909
		12	All	13913
78	Own	12	1101775, 799	13913
80	Own	6	All	13909
88	Own	6	1101391, 1100504	13909
		12	110953, 1101775	13913
Super 88	Own	6	All	13909
		12	All	13913
90	Own	6	946M	13909
		6	1102683	VR-2103
99, Super 99	Own All exc. Diesel	6	All	13909
	Diesel	12	All	13913
Super 99 GM, Super 99GMT	GM3-71	12	1100316	13913
		12	1102023	VR-2124
195DT	310	12	All	[3]
440	Continental F-140	6	All	13909
550, 770	144, 155, 216 265, 770	12	All Alt	[3]
		12	1100419	13915
		12	1100314, 322	13913
880	144, 216, 265	12	1100419	13915
		12	1100314 322	13913
900	90	6	All	13909
950 HC Super	Own	12	All	13913
990	GM3-71	12	All	VR-2124
995	Own	12	1102023	VR-2124
		12	1100322	13913
1255, 1355 1551, 1555	232, 265, 283, 310, 1500	12	All	[3]
1600	265, 283, 310, 320, 1600	12	All	13915
1650, 1655, 1750, 1755	265, 283, 310, 320, 1650, 1750	12	All	[3]
1800	265, 283, 1800	12	All	13915
1850, 1855	310, 320, 354 1850	12	All	[3]
1900	453, 1900	12	All Generator	13915
1900, 1950, T, 1955, T	453, 1950, 310, 4-53	12	All	[3]
2050, 2055, 2150, T, 2155, T	118HP, 131HP, 2150, 2155T	12	All	[3]
2655	2050, D-585-6	2	All	[3]

[1] Voltage regulator with resistor package to convert cutout.
[3] If single unit type use 13703. If two unit type use 13701.

voltage regulators for alternators

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ROPER (GARDEN TRACTOR)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Craftsman 32" Riding-Mower, Custom 600	Lauson 6 H.P.	12		13914
Custom 7, 10XL, 600	Lauson HH-70, HH-100	12		13914
Suburban 8, 10, 12 SS-12, Hyrdo-Trac 12	Lauson HH-80, HH-100, HH-120	12		13914
TO22, TO2331R	Lauson (Tecumseh) HH-100	12		13914

SIMPLICITY (GARDEN TRACTOR)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Broadmoor	Briggs & Stratton 143700	12		13914
Broadmoor 535	Briggs & Stratton 130902	12		13914
Broadmoor 637	Briggs & Stratton 170702	12		13914
Broadmoor 717, 727	Briggs & Stratton	12		13914
Broadmoor 990303	Briggs & Stratton	12		13917
Four Wheels 725	Briggs & Stratton 19	12		13914
Landlord	Briggs & Stratton 23	12		VR-1462
728	Briggs & Stratton 191701	12		13914

WHITE FARM TRACTORS

Model	Engine	Volts	Generator or Alternator	★Voltage Regulator
G-955	425			
G-1055	504			
1555	Wauk. 232	12	1100581	VR-1770
1655	Wauk. 265			
1755D, G	Wauk. 320			
	Wauk. 283			
1855, 1955	Wauk. 310	12	1100805	13703
2255	Cat. 3150			
2655	Own 585	12	1100581	VR-1770

application for farm equipment—combines

ALLIS-CHALMERS COMBINES

Model	Engine	Volts	Generator or Alternator	★ Voltage Regulator
4236	Diesel Perkins			VR-2214
Super A	Diesel Perkins			VR-2214
A, A2, AH (Hillside) B, B. Rice, C, C2, CH (Hillside) CR Rice	G-262, G-230, D-262	12	1102225	VR-1462
		12	1102334	13921
E, E3, F	C-262, 6-292 Gas 2800 Diesel		For Alt.	13702
E, E3	G-226, 6-250	12	For Gen.	VR-1462
		12	Opt. 30	
G	2800 Gas		Amp. Gen.	13921
	V8-350 Gas 2900 Diesel			13702
K	6-250			13702
L & M	350 Gas; 2900 Diesel			VR-1770
66, 72, 90	G-149	6		13911
		12		13915

★ *Integral regulator VR-1770 has 14.0- 15.0 volt setting. For 14.3- 15.3 volt setting use VR-1786*

SIMPLICITY (GARDEN TRACTOR) (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Broadmoore 717, 727	Briggs & Stratton	12		13914
Broadmoor 990303	Briggs & Stratton	12		13917
Four Wheels 725	Briggs & Stratton 19	12		13914
Landlord	Briggs & Stratton 23	12		VR-1462
728	Briggs & Stratton 191701	12		13914

J. I. CASE COMBINES

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
A	Wisconsin VF-4, Own. A-125	6	GAS-4306	13691
SP9, SP12	SE, DE	6	GBM-4809B-5	VR-1407
V2	Hercules JXC	6	All	VR-1407
65	Wisconsin VF-4, Own. A-125	6	GAS-4306	13691
75, 77	A-125	6	All	13691
800, 940	Hercules GO-298	12	All	13917
1000, 1010	Hercules GO-298	12	All	13917

COCKSHUTT (CANADA) & CO-OP COMBINES

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
7	Hercules 1XB-3	6	All	VR-1407
18	Wisconsin VH4D	6	All	13691
422	Continental F-140	6	All	VR-1482

JOHN DEERE COMBINES

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
25	Continental Y-112	6	All	13909
40	All	12	All	VR-1462
45	Deere	6	1100038	13909
		12	All	VR-1462
	Hercules	6	All	13909
55	Deere	12	1100341	13913
		12	1100361	VR-1462
	Hercules	6	All	13909

for alternators

ACE™

application for farm equipment—combines

JOHN DEERE COMBINES (cont'd)

Model	Engine	Volts	Generator or Alternator	★Voltage Regulator
65	Deere	12	1100341	13913
		12	1100361	VR-1462
	Hercules	6	All	13909
95	Deere	12	1100341	13913
		12	1100361	VR-1462
105	Deere	12	All	VR-1462
7700	404 Diesel		For Alt.	VR-1770

FORD COMBINES

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
16-46 thru 19, 16-98 thru 101	Wisconsin VF4D	6	All	13691
17-1	223	12	All	12906
17-14 thru 19	Wisconsin VF4D	6	All	13691
17-34, 17-35	300	12	All	12906
19-14 thru 17	Wisconsin VF4D	6	All	13691
620	223	6	All	12905
630, 604	300	12	All	12906

HARVESTERS IMPLEMENTS COMBINES

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
SP98, SP108, SP808, SP1080, SPH88, SPH98, SPH908	Hercules GO-339, G-3400	12	All	13921

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL COMBINES

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
20C, 64	SD-240, C-60, C-113			
76-6, 76-7	C-123	6	All	13911
91	C-135	6	All	13911
93	C-153 Gasoline	6	All	13911
		12	All	13915
	D-154 Diesel	12	All	13913
101	BD-220 Gasoline	6	All	13911
		12	All	13915
	D-236 Diesel	12	All	13915
105, 304, 122, 123	C-153	12	1100791, 805	13702
	GRD-214, GRD-233	6	All	[1]VR-1429
127	SD-240, BD-240	6	All	13911
140	C-169, C-175	6	All	13911
141	SD-240, BD-240	6	All	13911
151	BD-264 Gasoline	6	All	13911
		12	All	13915
	D-282 Diesel	12	1100358, 95	13915
160	SD-240, BD-240	6	All	13911
181	BD-264 Gasoline	12	All	13915
	D-282 Diesel	12	1100358, 95	13915
203	All	12	All	13915

[1] *Voltage regulator with resistor package to convert cutout*

★ *Integral regulator VR-1770 has 14.0-15.0 volt setting. For 14.3-15.3 volt setting use VR-1786*

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL COMBINES (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
205	All exc. C-153	12	All exc. 1100791, 805	13915
	C-153	12	1100791, 805	13702
303	All	12	All	13915
315	All Gas & LPG exc. C-153	12	All exc. 1100791	13915
	All Diesel	12	All	13915
	C-153	12	1100791, 805	13702
403, 503	All Exc. C-153	12	All exc. 1100791, 805	13915
	C-153	12	1100791, 805	13702

MASSEY FERGUSON COMBINES

Model	Engine	Volts	Generator or Alternator	★ Voltage Regulator
Clipper Combine	Continental F-162	6	GBM-4804B-5	13691
M31-6	Diesel			VR-2210
MF150	GMC327	12	1100426	13914
	Perkins A6, 354		For Alt.	13702
MF205, MF300	Chrysler 170, 225, H225	12	All exc. 1100788	13914
	Perkins A4-203, AD-203, AD4-203		For Alt.	13702
MF400	Diesel			VR-2210
MF410, MF510,	GMC292, 327			
	Perkins A4-300, A6-354	12	1100426	13914
	V8-350 Gas		For Alt.	13702
MF-740, 750, 760	Perkins A6-354		All	VR-1770
22, 23	Continental F-124, F-162	6	All	13691
25	Continental F-162	6	GBM-4804B-5	13691
		6	GFA-4820-2	13691
27	Chrysler 8A	6	GBM-4610C-5	13692
35 & 35 Super	Continental F-140	6	For Delco	VR-2110
50	Wisconsin VF4	6	GAS-4301, 3	VR-1407
		6	GAS-4306	13692
60 Self Propelled	Chrysler 5A, 38	6	GGW-6001A	VR-2175
70	Chrysler 5A	6	All	VR-2175
222	Continental F-162	6	All	13692
322	Chrysler 5, 5A	6	GBM-4610C-5	13692

MINNEAPOLIS-MOLINE COMBINES

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
G4	206J4	6	1100505	13909
		12	1100314	13913
G12	Wisconsin VG4D	12	All	13692
S	Continental F-226	6	All	[1]VR-1429

voltage regulators for alternators

application for farm equipment—combines

MINNEAPOLIS-MOLINE COMBINES (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
69	For IGW Dist	6	GAS-4306	13691
	For IAD Dist	6	GAS-4301, 3	VR-1407
88	Wisconsin VF4	6	All	13691

OLIVER

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
18	Wisconsin VH4	6	All	13691
33	Continental F-226, Gas, 88 Diesel	6	Delco-Remy	13909
		6	Prestolite	VR-1407
35SP, 40	Continental F-266	6	All	13909
	88 Diesel	12	All	13913

application for farm equipment—cotton pickers

ALLIS-CHALMERS COTTON PICKERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
707, XTB	226	12	All	13915
801, 802	G-262	12	All	VR-1462

JOHN DEERE COTTON PICKERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
8, S	Hercules QXC-3	6	All	13909
		12	All	13913
Two Row Self Propelled	NA-217	12	All	13913
55, 65, 95	Deere	12	All	13913

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL COTTON PICKERS

Model	Engine	Volts	Generator or Alternator	★ Voltage Regulator
95	C-301, GAS, D-310 Diesel	12	All	VR-1770
214	BD-240	12	All	13915

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL COTTON PICKERS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
220	BD-240	6	All	13911
		12	All	13915
414	C-263, BD-264 Gasoline	12	1100394	13915
		12	1100401	13915
		12	1102191	13915
	D-282 Diesel	12	All	13915
416	C-263, D-282	12	All	13915
420	C-263, BD-264 Gasoline	12	1100394	13915
		12	1100401	13915
		12	1102191	13915
	D-282 Diesel	12	All	13915
422	C-263, D-282	12	All	13915
601, 602, 616, 622	C-291, D-310	12	All	13702

application for farm equipment—forage harvesters

ALLIS-CHALMERS FORAGE HARVESTERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
50	G-149	6	All	13911
		12	All	13915

JOHN DEERE FORAGE HARVESTERS

Model	Engine	Volts	Generator or Alternator	★ Voltage Regulator
8	Continental F-162	6	All	13691
H7100, 155, 5200, 5400	531 Engine	12		VR-1770

★ *Integral regulator VR-1770 has 14 0-15 0 volt setting For 14 3-15 3 volt setting use VR-1786*

FOX RIVER FORAGE HARVESTERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Fox, Hevi-Duty	Continental FA-226, FA-244	6	All	VR-1482

GEHL BROS. FORAGE HARVESTERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
FH83, SP188	Continental FA-244, M-263	6	All	VR-1482

LUNDELL MANUFACTURING COMPANY FORAGE HARVESTERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Super 606	Wisconsin VG4D	12	All	13692

for alternators

ACE™

application for farm equipment—forage harvesters

LUNDELL MANUFACTURING COMPANY FORAGE HARVESTERS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
2020	Self-Propelled VG4D	12	All	13692

MASSEY FERGUSON FORAGE HARVESTERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Clipper Forager	Continental F-226	6	GBM-4804E-5	13691

NEW HOLLAND FORAGE HARVESTERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
600, 611	Wisconsin VG4D	6	If GAS-4306	13691

application for farm equipment—hay balers

ALLIS-CHALMERS HAY BALERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Standard. 10	G-149	6	All	13911
		12	All	13915

J. I. CASE HAY BALERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
NT 130, 133, 135	Wisconsin VF4	6	All	13691
	Wisconsin TFD. THD	6	All	13691
140T. W. 160T. W, NT	Wisconsin VE4, VF4	6	GAS-4301, 3	VR-1407
		6	GAS-4305, 6	13691
	Own A-125	6	All	13911
200, 220, 230	Wisconsin THD	6	All	13691
		12	All	13692

JOHN DEERE HAY BALERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
14T, 24T. 24WS	Wisconsin THD	12	All	13692
14W. 116W	Wisconsin VF4D	6	GAS-4301, 3	VR-1407
		6	GAS-4306	13691
214T, 214W. 214 WS. 216, W. 224T. 224WS	Wisconsin VH4D	6	GAS-4030	VR-1407
		6	GAS-4306	13691

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL HAY BALERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
37	C-123	6	All	13911
37 Twine. 37 Wire. 45. 46. 46 Twine 46 Wire	Wisconsin THD. VH4D, VF4	6	All	13691
47	C-123	6	All	13911
47 Twine. 47 Wire	Wisconsin THD	6	All	13691
	Wisconsin VH4D	6	All	13691
50. 55. 55 Twine. 55 Wire	C-60, C-113, C-123	6	All	13911
56 Twine, 56 Wire	Wisconsin VH4D	6	All	13691
	C-123	6	All	13911
57 Twine, 57 Wire	Wisconsin VH4D	6	All	13691
	C-123	6	All	13911
		12	All	13915
60 Wire, 70 Wire, 71 Wire	Wisconsin VG4D	6	All	13691

application for farm equipment—power units

BROYHILL COMPANY POWER UNITS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
HC-1	Kohler K662	6	All	13911
		12	1100326	13921
		12	1101866	13914

CENTURY ENGINEERING POWER UNITS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
CHC-6B	Wisconsin THD	6	All	13691

voltage regulators for alternators

application for farm equipment—power units

CENTURY ENGINEERING POWER UNITS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
CHC-6C	Wisconsin THD	6	All	13691
	Kohler K662	6	All	13911
		12	1100326	13921
		12	1101866	13914

FINCO INCORPORATED POWER UNITS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
6.8, 6.18	Wisconsin AEND THD	6	All	13691
6.25	Wisconsin THD	6	All	13691
	Kohler K-660	6	All	13911

HAGIE MANUFACTURING CO. POWER UNITS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
CANE	Wisconsin THD, VH4D	6	All	13691
	Kohler K-662	6	All	13911
		12	1100326	13921
		12	1101866	13914
CB	Wisconsin AEN	6	All	13691
120	Wisconsin AEN	6	All	13691
180	Wisconsin THD	6	All	13691
260W	Kohler K-662	6	All	13911
		12	1100326	13921
		12	1101866	13914
320	Wisconsin VH4D	6	GAS-4306	13691
432, 437	Wisconsin VHD	12	GDY-4115N	13692
440	Chrysler HB225	12	All	13914

INTERNATIONAL HARVESTER POWER UNITS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
660, 770, 880	C-146	12	All	13960

W. F. LARSON, INC. HIGH CLEARANCE & SELF PROPELLED POWER UNITS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Copeland 6500, 6500 DeLux, 6800 Copeland 6500 Diesel, 6800 Diesel	Ford 4000	6	All	12905
		12	All	12906

POLAND MANUFACTURING CO. POWER UNITS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
A-18, A-18-E, A-18S A-26-E	Wisconsin THD	12	All	13692
	Kohler K-662	6	All	13692
		12	1100326	13921
		12	1101866	13914

application for farm equipment—sprayers

JOHN BEAN SPRAYERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
6-25, 6-30, 6-40, 6-50, 6-60HVD	Wisconsin TF, TFD, TH, THD, VF4D, VG4D, VH4D, VP4D	6	All	13691
		12	GDY115	13692
6-50	Wisconsin VG4D	6	All	13691
		12	All	13692
6-60, 6-70	Kaiser Willys F4-134	12	GJP-7402A	VR-2192
8E, 8RC	Wisconsin TH, THD, TF, TFD	6	All	13691
12	Wisconsin VF4D	6	All	13691
14	Wisconsin VF4D	12	All	13692
15	Briggs & Stratton 23AB	12	All	13914
15RC	Wisconsin VF4D, VG4D, VP4D	6	All	13691
20	Briggs & Stratton 23AB	12	All	13914
	Wisconsin TF	6	All	13691
	Wisconsin VF4D	12	All	13692

JOHN BEAN SPRAYERS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
20RC	Wisconsin VH4D	12	GDY-4115	13692
20TP	Wisconsin TH	6	All	13691
25	Wisconsin TF, THD	6	All	13691
		12	All	13692
26F	Wisconsin VF4D, VG4D	6	All	13691
	Wisconsin VG4D	12	All	13692
28E, 28G	Kaiser Willys F-4	12	All	VR-2192
35	Wisconsin VG4D	6	All	13691
		12	All	13692
	Wisconsin VH4D	12	GDY-4115	13692
35TP	Wisconsin VF4D, VG4D	6	All	13691
70HC-EF	Wisconsin TH	6	All	13691
100E		12	All	VR-2192
200CP, C200P, D200CP, E200CP, F200, G200CP	Wisconsin VG4D, VH4D	12	All	13692
215	Briggs & Stratton 23AB	12	All	13914

for alternators

application for farm equipment—sprayers

JOHN BEAN SPRAYERS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
277, E277	Kaiser Willys F4-134	12	GJP-7402A	VR-2192
1010	Briggs & Stratton 143302	12	All	13914
Potato Harvester, SVC				
Vineyard	Wisconsin TF, VH4D	6	All	13691
	Hercules IXB, NXA, NXB	6	All	13691

JOHN DEERE SPRAYERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
370	Kohler K-241, 1963 up	12	1101970	13915

FINCO INCORPORATED SPRAYERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
6.8, 6.18	Wisconsin AEND, THD	6	All	13691
6.25	Wisconsin THD	6	All	13691
	Kohler K-660	6	All	13911

HAGIE MANUFACTURING SPRAYERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
CANE	Wisconsin THD, VH4D	6	All	13691
	Kohler K-662	6	All	13911
		12	1100326	13921
		12	1101866	13914
CB	Wisconsin AEN, AENL	6	All	13691
120	Wisconsin AEN, AENL	6	All	13691
180	Wisconsin THD	6	All	13691
260W	Kohler K-662	6	All	13911
		12	1100326	13921
		12	1101866	13914
320	Wisconsin VH4D	6	GAS-4306	13691
440	Chrysler HB225	12	All	13914

HAHN INCORPORATED SPRAYERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Hi-Boy	Wisconsin TF	6	All	13691
	Kohler K-660	6	All	13911
HB-80	Wisconsin THD	6	All	13691
		12	All	13692
H-180, H-180EW	Wisconsin THD	12	All	13692

HAHN INCORPORATED SPRAYERS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Hi-Boy 300, H-300, G-300FS, H-300FSP, H-300P, H-306, H-306FS, H-306FSP, H-306HS, H-306P, H-312, H-312P, H-4406	Wisconsin THD, VH4, VH4D, VG4D	12	All	13692
Super K	Wisconsin THD	6	All	13691
		12	All	13692
T-61 TKE600	Wisconsin AKN, AEND	6	All	13691
(1956)	Wisconsin AEND, TED	6	All	13691

HARDIE SPRAYERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Bio-Spray	Wisconsin VP4D	6	All	13691
10-5	Kohler K-141	12	1101974	13915
DF34B, DF24C, DF40	Willys F-4	12	All	VR-2192
	International U501	6	All	13911
		12	If 1102034	13915
		12	If 1102191	13915
115, 120, 125, 130	Wisconsin THD, VE4D, VF4D	6	All	13691
DF525	Ford 300	12	All	12906
DF800	UR501	12	If 1102034	13915
		12	If 1102188	13921
		12	If 1102191	13915

O. W. KROMER SPRAYERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
41	Wisconsin AGND	12	GDY-4115	13692
51	Wisconsin THD	6	All	13691
		12	All	13692
61	Wisconsin VH4D	12	GDY-4115	13692
100	Kohler K-660	6	All	13911
	Wisconsin THD	12	GDY-4115	13692
200	Wisconsin VH4	6	All	13691
		12	GDY-4115	13692
300	Wisconsin VF4	6	All	13691
		12	All	13692
400	Deere 420	6	All	13911

F. E. MYERS & CO. SPRAYERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
4913 Series	Wisconsin AHH	6	All	VR-1407

voltage regulator for alternators

application for farm equipment—sprayers

F. E. MYERS & CO. SPRAYERS (cont'd)

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
4920 Series, 5035 Series, 5050 Series, 5207	Wisconsin AKN, VE4, VE4D, VF4, VF4D, VG4D, VP4D	6	All	13691
6007, 6010, 6015 Series	Kohler K241P 1963 up	12	1101970	13915
	Kohler K161 1961 up	12	1101932, 74	13914
6035, 6040, 6050 Series	Wisconsin VH4D, VG4D	12	All	13692
6100 Series	Wisconsin VH4D	12	All	13692
6125-TF29T	Wisconsin VH4D	12	All	13692
6125, 6E, 6T	Wisconsin VE4	6	All	13691
6225, 6295, 6395, 6695	IHC, UB220, 264, V345	12	1100365, 1102034	13915
6406	Briggs & Stratton 143302	12	All	13914
6520, 6525 Series	Kohler K-241P 1963 up	12	1101970	13915
6820	Wisconsin VH4D	12	All	13692

NEW IDEA SPRAYER CO. SPRAYERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
N2, S-9 Sprayer	Wisconsin AFN	6	All	13691
	Wisconsin AHH	6	GAS-4177	VR-1407
	Wisconsin TH	6	GAS-4103, 4305	13691

OLIVER CORP. SPRAYERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
36-02, 36-32, 125, 125EAP, 125EAPT, 125T	Wisconsin VE4, VE4D, VF4, VG4D	6	All	13691
71, 38-45	Own 177HC	6	All	13911
	Own 177D	12	If 1100953	13913
		12	If 1100314	13913
919	Wisconsin VG4D	6	All	13691

POLAND MANUFACTURING SPRAYERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
A-18, A-18E, A-18S	Wisconsin THD	12	All	13692
A26-E	Kohler K-662	6	All	13911
		12	If 1100326	13921
		12	If 1101866	13914

THURON SPRAYERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
Eagle 20T, 20TA, 25T, 25TA	Wisconsin THD	12	GDY-4116	13692

application for farm equipment—windrowers

J.I. CASE WINDROWERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
650, 655, 675	Wisonsin VH4D, VG4D	12	All	13692
840	Wisconsin VE4	6	All	13691
	Own A-125	6	Delco	13911
850, 855, 856	Wisconsin VH4D, VG4D, VE4	6	GAS-4306	13691
		12	All	13692
950, 955	Wisconsin VH4D, VG4D, Own A-125	12	All Gen.	13692
1150, 1155, 1255	G-188D G-159, B	12	All Gen.	VR-2124
1255	Wisconsin VG4D	12	All Gen.	13692
1275	Chrysler HB-225 GAS	12	All Gen.	13914

COCKSHUTT WINDROWERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
10, 12, 14, 16FT, 502	Wisconsin VG4D, VH4D	6	GAS-4305, 6	13691
	Wisconsin VH4D	12	GDY-4115N, 16N	13692

JOHN DEERE WINDROWERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
10, 14, 16FT	Wisconsin VG4D, VH4D	6	GAS-4306	13691
780	Wisconsin VH4D	12	All	13692

for alternators

ACE™

application for farm equipment—windrowers

HESSTON WINDROWERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
110, 260, 280, 300, 310, 320	Wisconsin VG4D			
	VH4D	12	GDY-4115, N	13692
HS-220	Wisconsin VG4D, VH4D	6	GAS-4306	13691
HS-240, 260	Wisconsin VG4D, VH4D	12	GDY-4115, N	13692

INTERNATIONAL HARVESTER WINDROWERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
163	Wisconsin VF4	6	GAS-4306	13691
	C-123	6	All	13911
175	Wisconsin VH4D, VG4D	12	All	13692
201	C-135	6	All	13911
	BD144	12	All	13913
210, 230	C-153, C-175, D-206		1100805	13702
225	Wisconsin VG4D	12	For Gen.	13692
	C-153, C-175, D-206		1100805	13702
275, D	C-153	6	All	13911
		12	All	13915
	C-153, C-175, D-206		1100805	13702
375, D	C-175	6	All	13911
	C-153, C-175, D-206		1100805	13702

MASSEY FERGUSON WINDROWERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
44	Continental F-140	6	All	VR-2110
MF20	Wisconsin VF4	6	All	13691
MF34, MF44	Continental F-140	6	All	VR-2110

MINNEAPOLIS-MOLINE WINDROWERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
100, 101	Wisconsin VG4D, VH4D	12	All	13692

NEW HOLLAND WINDROWERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
901, 903, 905	Wisconsin VG4D, VH4D	12	GDY-4115, N	13692

OLIVER WINDROWERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
10, 12, 14 & 16 ft.	Wisconsin VG4D, VH4D	6	GAS-4305, 6	13691
		12	GDY-4115, N 16, N	13692
85	Wisconsin VE4, VE4D, VF4	6	GAS-4305, 6	13691
86, 96, 502, 503	Wisconsin VG4D, TH4D	6	GAS-4305, 6	13691
		12	All exc. GJT & GJL	13692

OWATONNA WINDROWERS

Model	Engine	Volts	Generator or Alternator	Voltage Regulator
25, 259, 30 35, 81, 90, 92	Wisconsin VG4D, VH4D, V460D, V461D	12	GDY-4115, N	13692
29, 30, 60, 80, & D, E, S	Wisconsin THD, VG4D, VH4D	6	GAS-4305, 6	13691
250, 350	Wisconsin VG4D	12	GDY-4115, N	13692
275	Ford 4-172	6	All	12905
		12	All	12906

ACE™ CONVENTIONAL APPLICATION VOLTAGE REGULATORS FOR DELCO TYPE 100

10 SI, 12 SI, 15 SI, 17 SI & 27 SI

Replaces O.E.M. Part Numbers D668, 1116387 & 1116423

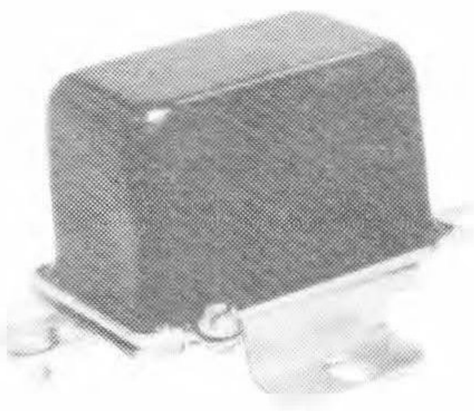
PHYSICAL FEATURES

- THERMOSET PLASTIC HOUSING
- NICKLE / ZINC COATED TERMINALS
- HYBRID THICK FILM SUBSTRATE CIRCUIT DESIGN, CERAMIC MOUNTED, WITH SILVER PLATINUM CONDUCTORS.
- SILICONE DIELECTRIC GEL CIRCUIT ENCAPSULANT
- "FLEX-SAFE" ALUMINUM BACKPLATE / HEATSINK

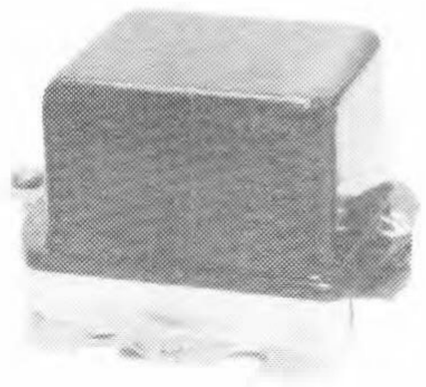
voltage regulators for alternators

buyers guide

for Chrysler



11710 or *VR-1710
12 Volt Negative Ground
Single Unit Type Mechanical
REPLACES: 1889960, 2095700, 2098300, 3000074, 8-105, 8-724, CH-524, CH-531, CH-532, CH-4006, GRC-274, GRC-724, SWX-202, VBT-6201-A, VBT-6201-C, VBT-6201-D, VBT-6201-L

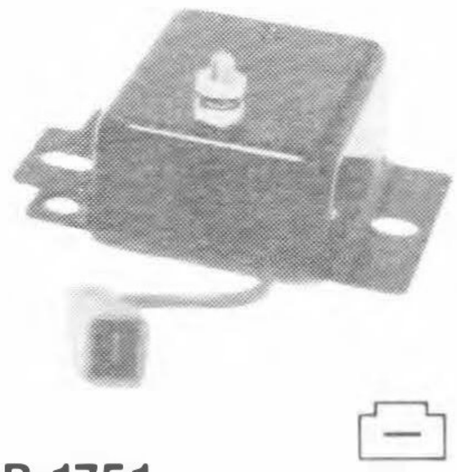


VR-1712
12 Volt Negative Ground
Single Unit Type Mechanical
REPLACES: 2444980, 8-303, 8-355, CH-531, GRC-303



VR-1749
12 Volt Negative Ground
Solid State 5 Amp field
REPLACES: 3438150, 3755850, 3755960, 3874520, 4091050, 4111990, 8-371, 8-396, CH-537, CH-541, CH542, CH-543, GRC-538

* *Premium duty regulator*

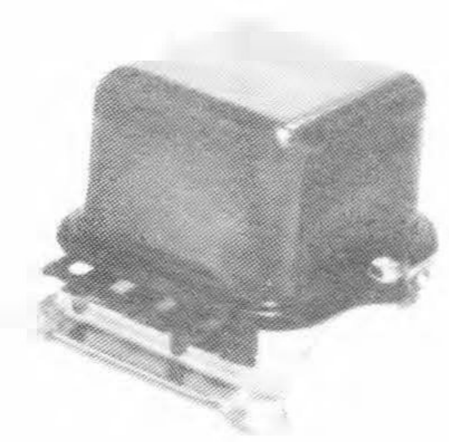


VR-1751
12 Volt Negative Ground
Solid State Replacement for Chrysler Mechanical Alternator Regulators: (Ace No. 11710).
See application information on 11710 or VR-1710.



VR-2251
12 Volt Neg. or Pos. Ground
Converts Chrysler, Ford, Motorola and other alternators to one wire system. Universal, supplied with loose terminals for custom applications.

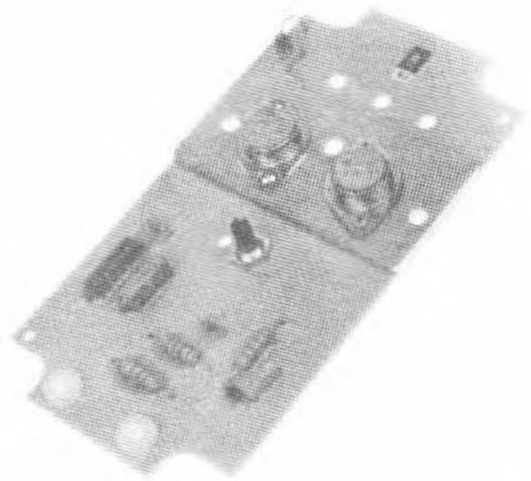
for Delco Remy



13701 or *VR-1701
12 Volt Negative Ground Mechanical
Two Unit Type for Light Equipped
REPLACES: D-630, D-631, D-634, D-635, 1119502, 1119506, 1119512, 1119515, 1119516, 8-267, 8-284, GRG-267, LM-508, VCA-6221-A, VSC-6201-A



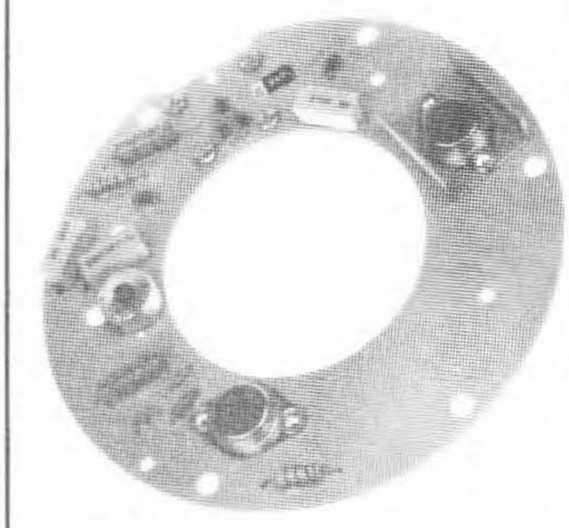
13702 or *VR-1702
12 Volt Negative Ground Mechanical
Two Unit Type Amp Gauge
REPLACES: D-632, DR-504, DR-632, 1119207, 1119507, 1119513, C-632, GRG-273, LM-507, 8-273



VR-1420
12 Volt Pos. or Neg. Ground
10 Amp.
Regulator panel for Delco 50-DN type 600 alternators
For Delco voltage regulator No. 9000551
Set voltage 13.7
FOR UNIT NO. 1117690, 691, 699 and others
LESTER NO: 7257, 7258 and others
REPLACES: 1941463



VR-1421
24 Volt Pos. or Neg. Ground
For Delco voltage regulator No 9000697
Set voltage 27.5
FOR UNIT NO. 1117700 and others
REPLACES: 1963309



VR-1423
24 Volt 10 Amp Field
Regulator panel for Delco 40-SI
For Industrial Caterpillar
FOR UNIT NO. 1117121, 131, 134 and others
LESTER NO: 7216, 7234 and others
REPLACES: 1963875

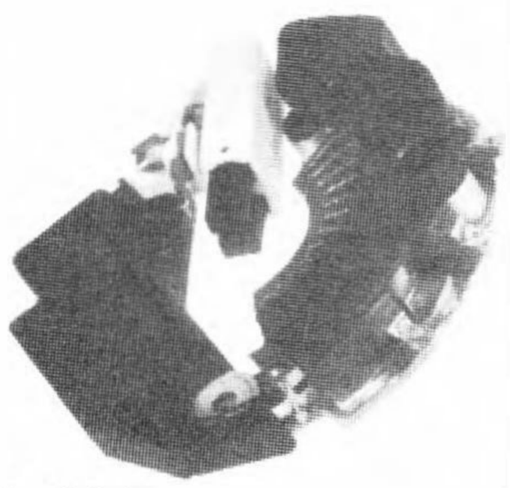


VR-1424
12 Volt Negative Ground
10 Amp Field
Regulator Panel for Delco 40-SI
For Industrial Caterpillar
FOR UNIT NO. 1117123, 135 and others
LESTER NO: 7217 and others
REPLACES: 1963876

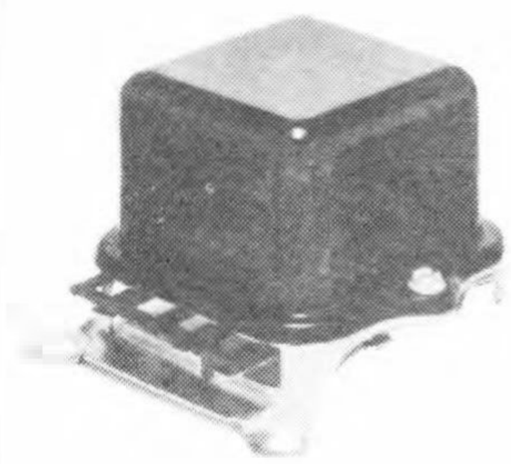


VR-1425
24 Volt Negative Ground
Regulator panel for Delco 50-DN type 600 alternators
For Delco voltage regulator No. 1118437
Set voltage 26.4 - 28.4
FOR UNIT NO. 1117740, 748, 749, 797 and others
LESTER NO: 7260 and others
REPLACES: 1977339

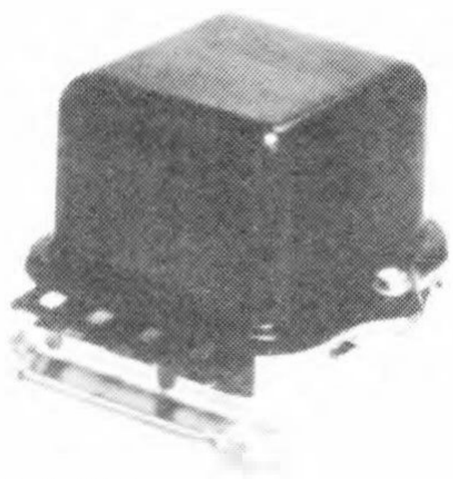
for Delco Remy (cont'd)



S-1683
Brush Holder, Rectifier, Regulator Assembly. 12 Volt
CS-121 and CS-130
Uses VR-1970 Regulator; S-1681 Rectifier; S-1682 Brush Holder Assembly.
FOR UNIT NO: 1101110, 111, 124, 140, 142, 144, 145, 229, 253, 254, 259, 264, 319, 320, 321, 483; 1105697 & others
REPLACES: 10485817



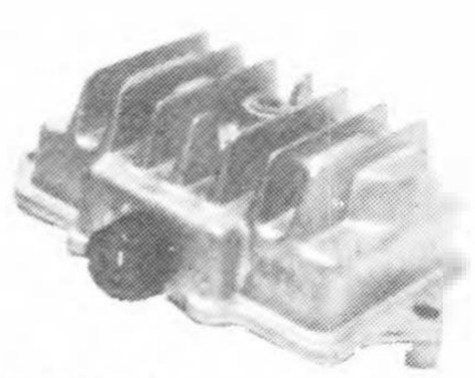
VR-1703
12 Volt Negative Ground
Single Unit Type Mechanical
REPLACES: 1119511, D-633



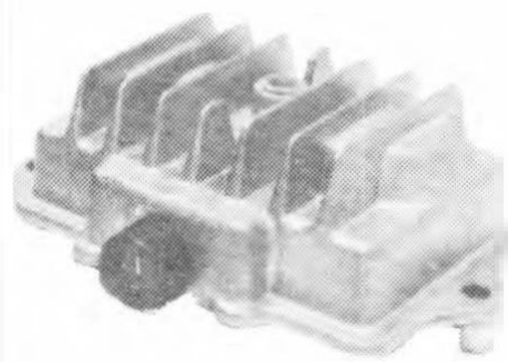
VR-1704
12 Volt Negative Ground
Two Unit Type for Light Equipped
REPLACES: 1100698, 1100742, 1100787, 1100790, 1119519, D-663, GRG-801, 8-801



VR-1763
30 Volt Pos. or Neg. Ground
REPLACES: 9000592

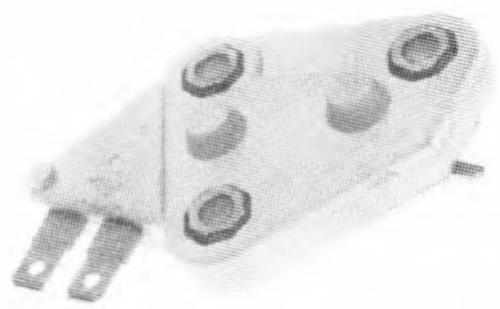


VR-1764
32 Volt Pos. or Neg. Ground
REPLACES: 9000593

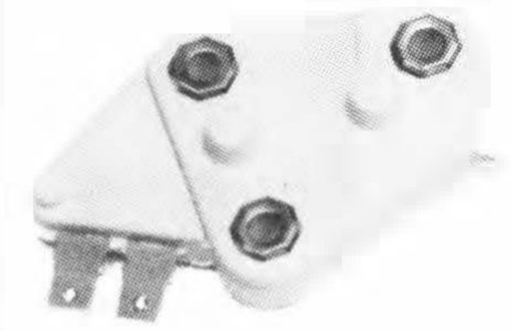


VR-1769
12 Volt Pos. or Neg. Ground
Solid State
Used with 20 DN Alternators
REPLACES: 9000590

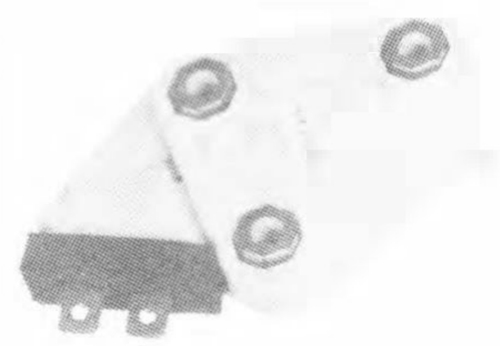
VR-1770
Solid State
12 Volt Neg. or Pos. Ground
Voltage Setting 14.0-15.0 Volts
Incorporates All Warning Light Features
Used in Delco Remy 10-SI and 27-SI Type 100 Alternators for popular passenger cars and many other applications.
*OE changed to a higher voltage setting in 1977 and the physical product is marked 1116387-H where the higher setting exists. However, OE catalog number does not carry the "H" distinction. For replacement with 14.3-15.3 setting refer to VR-1786.
REPLACES: D-666, D-667, D-668, 1116380, 1116384, *1116387, 1116392



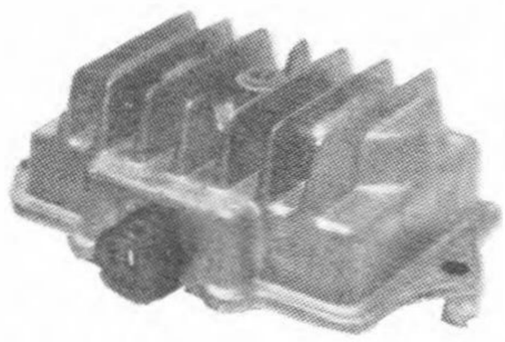
VR-1770-A
Solid State
12 Volt Neg. or Pos. Ground
An inexpensive premium unit. Incorporates a modified sense circuit. If the sense circuit is opened, the VR-1770-A allows the alternator to continue charging at adequate levels to maintain ignition operation. When O.E.M. regulator is used, it is possible for battery to completely discharge, if the operator fails to heed warning light.
REPLACES: D-666, D-667, D-668, 1116380, 1116384, *1116387, 1116392



VR-1770-C
Solid State
12 Volt Neg. or Pos. Ground
Economical replacement unit. Controls alternator output voltage and protects the alternator from open battery connections. Sense circuit not needed for proper output of unit. Requires only #1 terminal and battery connectors to operate.
REPLACES: D-666, D-667, D-668, 1116380, 1116384, *1116387, 1116392

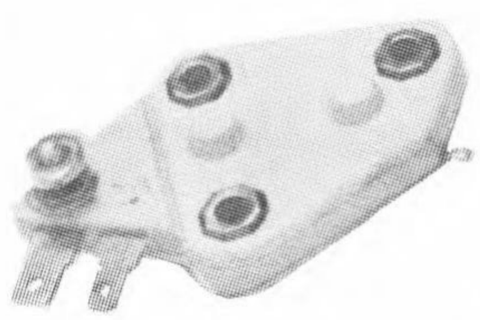


VR-1770-D
Solid State
12 Volt Neg. or Pos. Ground
Replacement Regulator for 10-SI and 27-SI Type 100 Alternators. Manufactured by original equipment suppliers.
REPLACES: D-666, D-667, D-668, 1116380, 1116384, *1116387, 1116392

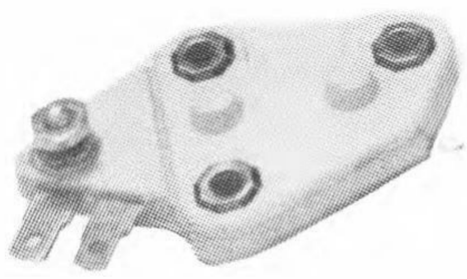


VR-1771
24 Volt Pos. or Neg. Ground.
Used with 20 DN Alternators
REPLACES: 9000591

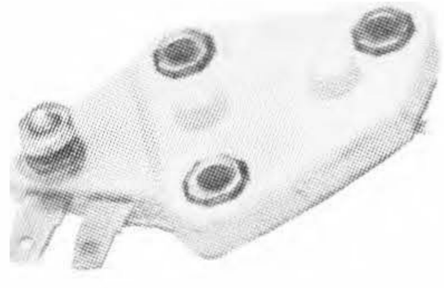
for Delco Remy (cont'd)



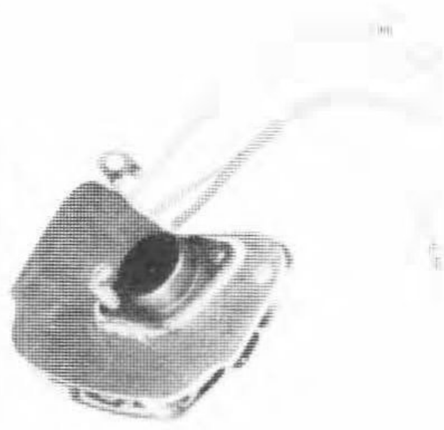
VR-1772
12 Volt Negative Ground
Solid State
For 27-SI Type 200, 30-SI and 40-SI Alternators.
REPLACES: D-669, 1116389, GR-536



VR-1774
12 Volt Negative Ground
Solid State
Used in Alternator No. 1102496 for many inboard and outboard Marine applications.
REPLACES: 1116360, 1116390, 1880088



VR-1775
24 Volt Negative Ground
Solid State
For 27-SI and 30-SI Alternators.
REPLACES: 1116388, 5-81, 8RB-2007, 8RH-2004D



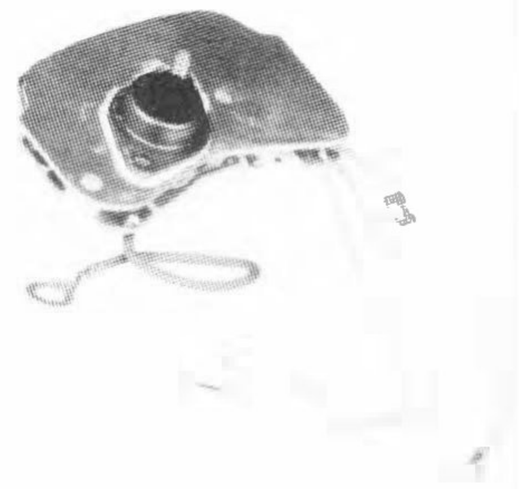
VR-1776
12 Volt Positive Ground
Solid State
For 25-SI Alternators (Heavy duty brushless type).
REPLACES: 1892817, 8000784



VR-1776-A
12 Volt Positive Ground
Solid State
Replacement for Ace VR-1776 25-SI.
FOR UNIT NO. 1117232, 235, 245, 251, 252 and others.
LESTER NO: 7237
REPLACES: 1892817, 8000784



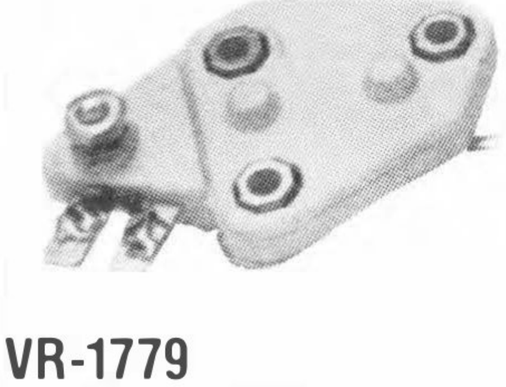
VR-1777
12 Volt Negative Ground
Solid State
For 25-SI Alternators (Heavy duty brushless).
REPLACES: 1892812, 1968949



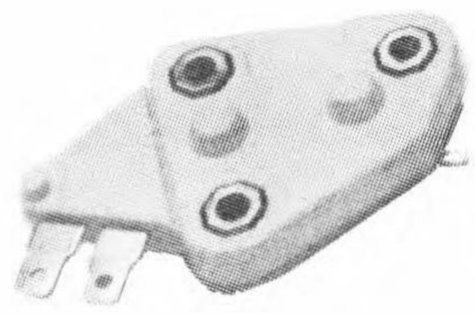
VR-1777-A
12 Volt Negative Ground
Solid State
Replacement for ACE VR-1777 25-SI.
FOR UNIT NO. 1117155, 225, 231, 234, 241, 244 and others.
LESTER NO: 7231, 7255
REPLACES: 1892812, 1968949



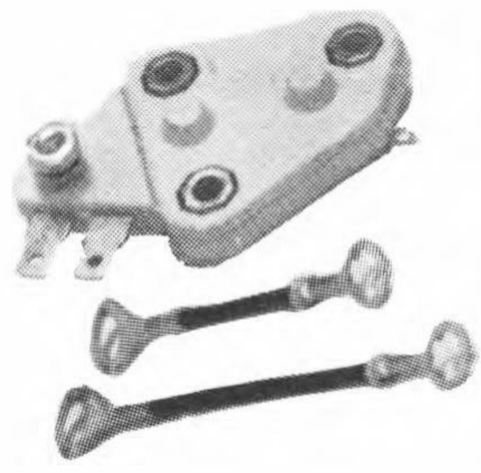
VR-1778
24 Volt Negative Ground
Solid State
For 25-SI Alternators (Heavy duty brushless)
REPLACES: 1892824, 1969110



VR-1779
24 Volt Negative Ground with Resistor
For Delco 20-SI Alternator
FOR UNIT NO: 1117640, 642, 643, 644, 645
REPLACES: 1894460

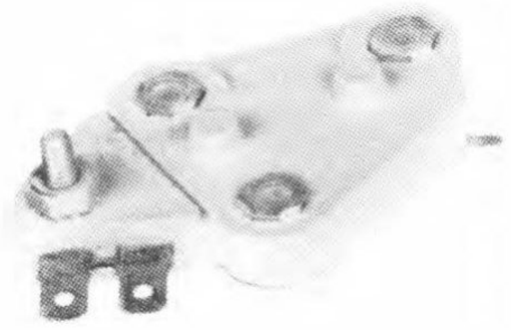


VR-1786
12 Volt Negative Ground
Solid State
Voltage Setting 14.3-15.3 Volts.
Used in Delco Remy 10-SI and 27-SI Type 100 alternators for popular passenger cars and many other applications.
*OE changed to a higher voltage setting in 1977 and the physical product is marked 1116387-H where the higher setting exists. However, OE catalog number does not carry the "H" distinction. For replacement with 14.0-15.0 setting refer to VR-1770.
REPLACES: *1116387-H



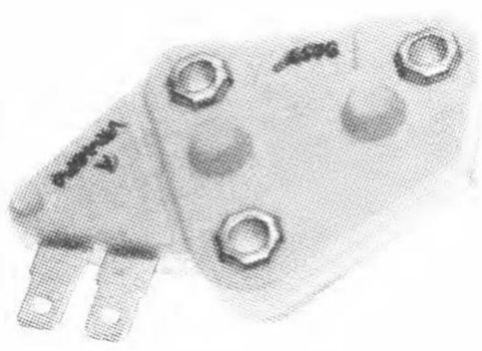
VR-1788
24 Volt Negative or Pos. Ground
Solid State
Retrofit replacement for 1116383 for one wire system. 10-SI, 27-SI, Series 80 amp; 30-SI Series, 90 amp; 40-SI Series, 145 amp
FOR UNIT NO: 1100072, 73, 75, 76; 1117141, 142, 143, 144.
REPLACES: 1116383, 1876388

for Delco Remy (cont'd)

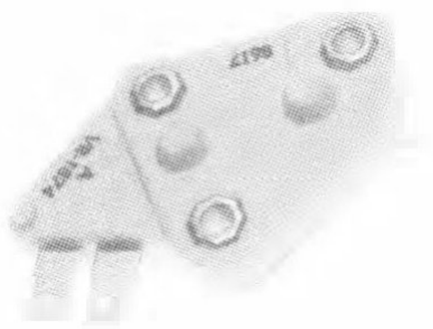


VR-1871
24 Volt Neg. or Pos. Ground
Solid State
- Voltage adjustment plug not reguired
- Low cut in
- Superior reliability and performance
- Made in U.S.A.

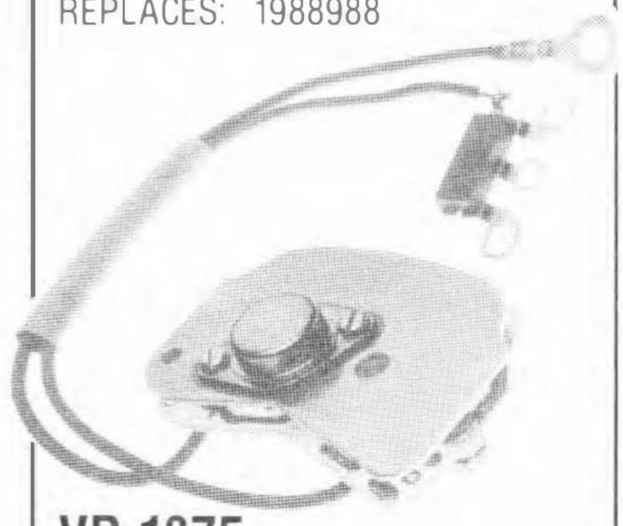
Used in: 10 SI 102, 10 SI 116, 10 SI 136, 20 SI 300, 27 SI 200, 29 SI -, 30 SI 450
FOR UNIT NO. 1100274; 1105077, 087, 096, 159, 179, 180, 437, 453, 454, 458, 459; 1117163, 647, 734, 746 and others
LESTER NO: 7210, 7263 and others
REPLACES: 1984287, 1116404, 1116405



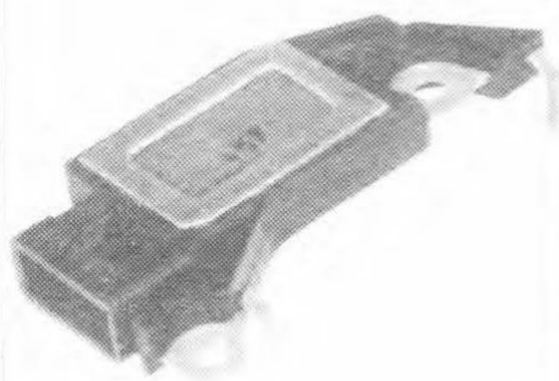
VR-1874
12 Volt Negative Ground
Solid State 7 Amp Field
For Delco 12 and 17-SI alternators • Quality tested • Temperature compensated • Ace reliability
FOR UNIT NO. 1101157, 215, 240, 241, 245, 252; 1105585, 613, 623, 627-635, 643, 647, 648, 656, 658, 680, 683, 690, 696, 708 and others.
LESTER NO: 7287 and others
REPLACES: 1988988



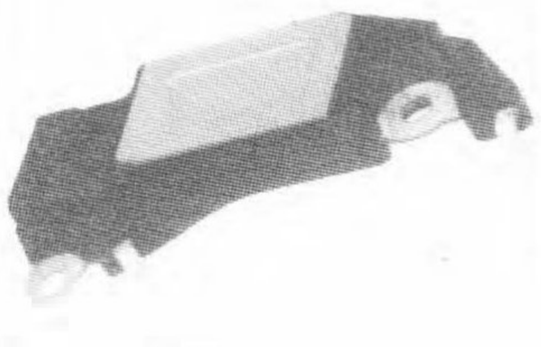
VR-1874D
12 Volt Negative Ground
Solid State 7 Amp Field
Same as VR-1874 except O.E.M. For Delco Remy 12 and 17-SI alternators
Same as ACE VR-1770 except for field current capability
FOR UNIT NO. 1105623, 627-635, 647, 648, 656, 658, 680, 683, 690 and others
REPLACES: 1988988



VR-1875
12 Volt Negative Ground
Solid State
Voltage regulator for Delco Remy 32-SI alternators
FOR UNIT NO. 1117180, 182, 183, 185 and others.
LESTER NO: 7295 and others
REPLACES: 1977529



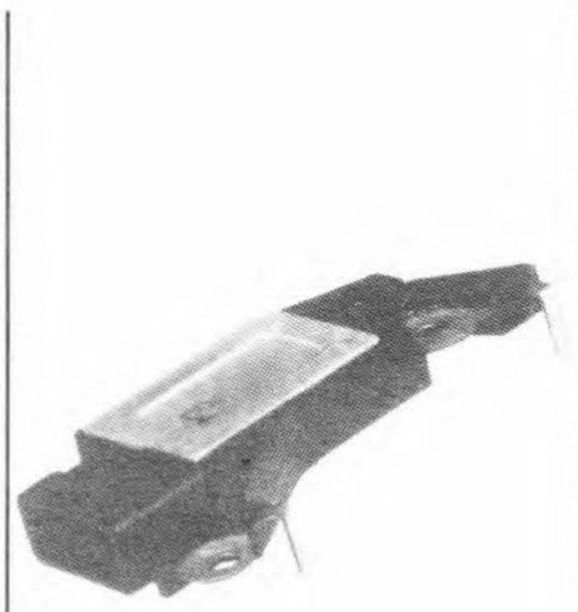
VR-1880
12 Volt Solid State
CS-130 & CS-144 Alternators
FOR UNIT NO. 1101325, 329; 331, 1105615, 616, 625, 626, 657, 684, 685 and others
LESTER NO: 7805, 7806, 7811, 7812, 7813, 7814, and others
REPLACES: 1116408



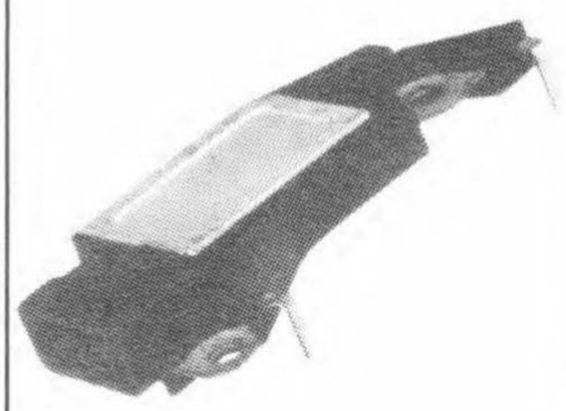
VR-1880D
12 Volt Solid State
Same as VR-1880 except O.E.M. For Delco Remy 17-SI (CS-144) alternators
FOR UNIT NO. 1101325, 329, 331; 1105615, 616, 625, 626, 657, 684, 685, and others
LESTER NO: 7805, 7806, 7811, 7812, 7813, 7814 and others
REPLACES: 1116408



VR-1970
12 Volt Solid State
CS-120, CS-121 & CS-144 Alternators
FOR UNIT NO. 1100182, 183, 250; 1101171, 172, 175, 176; 1105697 and others
LESTER NO: 7815, 7816, 7817, 7818, 7819, 7862, 7864, and others
REPLACES: 1116411



VR-1970D
12 Volt Solid State
CS-144 Alternators
Same as VR-1970 except O.E.M. version
FOR UNIT NO. 1100182, 183, 250; 1101171, 172, 175, 176; 1105697 & others
LESTER NO: 7815, 16, 17, 18, 19, 62, 64 & others
REPLACES: 1116411



VR-1971D
12 Volt Solid State
O.E.M. Version
FOR UNIT NO. 1101133, 270 & others
LESTER NO: 7863 & others
REPLACES: 1116412

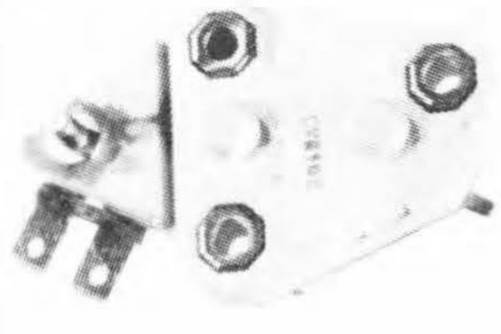


VR-1972D
12 Volt
CS-144
1101294, 296, 490, 518 & others

voltage regulators for alternators

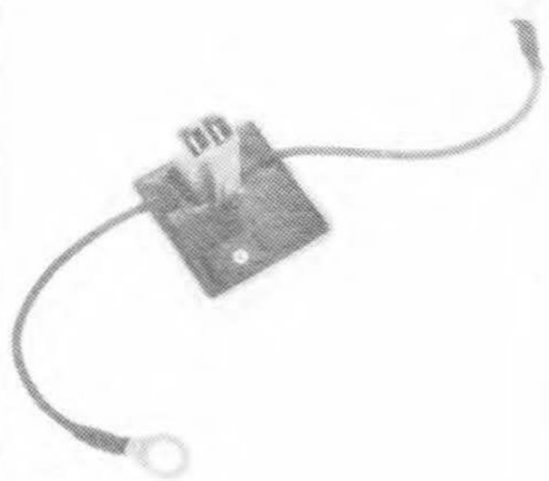
buyers guide

for Delco Remy (cont'd)

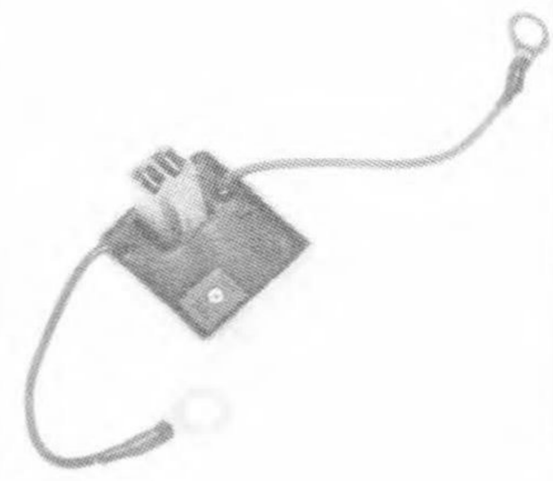


VR-2172
12 Volt Neg. or Pos. Ground
Solid State
- Voltage adjustment plug not required
- Low cut in
- Superior reliability and performance
- Made in U.S.A.

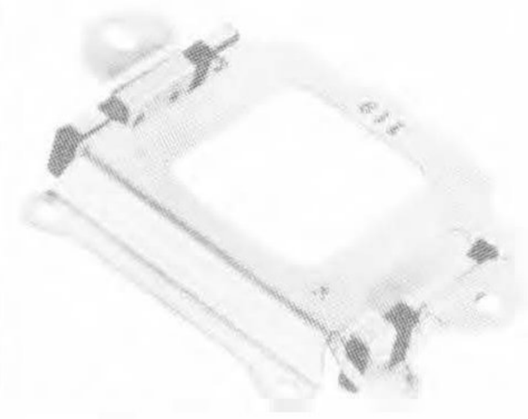
Used in: 10 SI 116, 27 SI 200, 30 SI 400, 30 SI 450
FOR UNIT NO. 1100080-091, 188. 212-214; 1105455-457, 478, 482; 1117481-484, 732, 735, 736, 738, 742-745 and others
LESTER NO: 7138, 7256, 7262, 7267, 7268 and others
REPLACES: 1974623, 1116389, 1116406



VR-2252
6 Volt Neg. or Pos. Ground
Conversion regulator for Delco 10-DN
Converts 10-DN to 6 volt applications one wire systems.



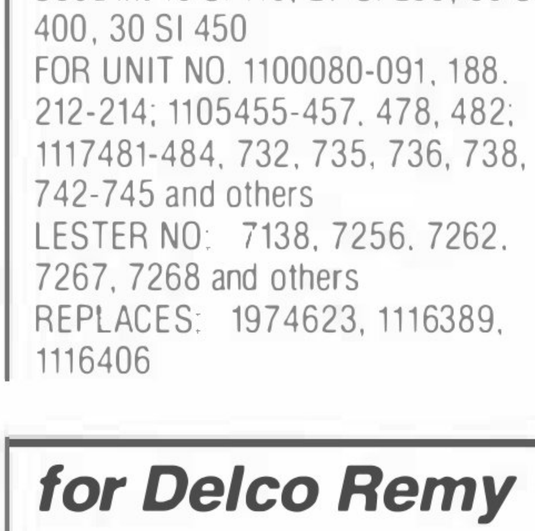
VR-2253
12 Volt Neg. or Pos. Ground
Ior Gauge Only
Solid State
Conversion voltage regulator for Delco 10-DN alternators low speed turn on, not affected by high field currents, use with Wye or Delta stators Convert 10-DN Delco alternators to one wire voltage regulated alternators for use with or without light circuits.



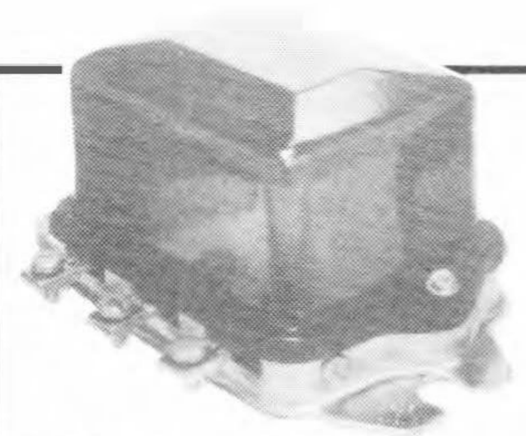
VRK-1455
Shock Mounting Package
This package is recommended for use with Delco-Remy Alternator Type Voltage Regulators to avoid regulator damage or malfunction caused by excessive vibration or road shock.

for generators

for Delco Remy



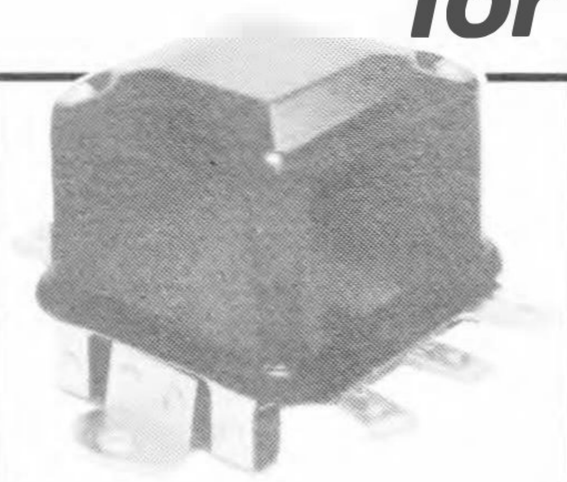
VR-2107
6 Volt Negative Ground
37-41 Amp Three Unit Type
REPLACES: D-601, D-614, D-653, 1118301, 1118847, 1118869, 1118872



13908 or *VR-2108
6 Volt Negative Ground
42-46 Amp Three Unit Type
REPLACES: D-605, D-606, D-609, DR-502, 1118725, 1118727, 1118729, 1118827, 1118831, 1118837, 1118849, 1118852. 8-261, GRX-261, VBO-4623D, VBO-4623E



13909
6 Volt Positive Ground
Two Unit Type Four Terminal ("GRD" Terminal Under Base)
REPLACES: D-641, D-643, D-647, D-660, D-661. 1118265, 1118305, 1118433, 1118436, 1118790. GRX-293, 8-293



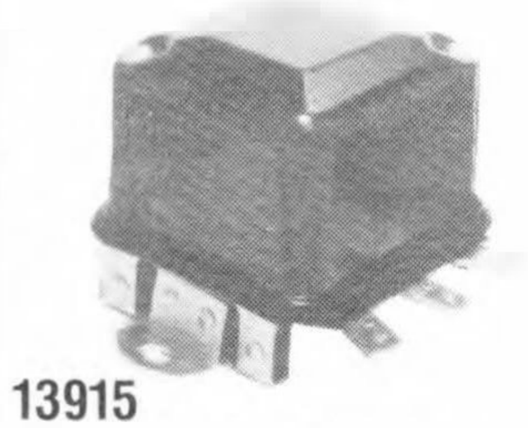
13911
6 Volt Positive Ground
Two Unit Type 4 Terminal ("GRD" Terminal Extends From Back of Base)
REPLACES: D-645, D-657, 1118291, 1118308, 1118780, 1118982, 1119575, GRX-291, 8-291



13913
12 Volt Pos. or Neg. Ground
Two Unit Type 4 Terminal A Circuit
REPLACES: D-644, D-648, 1118266, 1118306, 1118791, 1118971, 1118985



13914
12 Volt Pos. or Neg. Ground
Two Unit Type
Four Terminal - A Circuit, same as 13915 except terminal underneath.
REPLACES: D-655, 1118981, 1118988, GRX-297, 8-297, 8-778



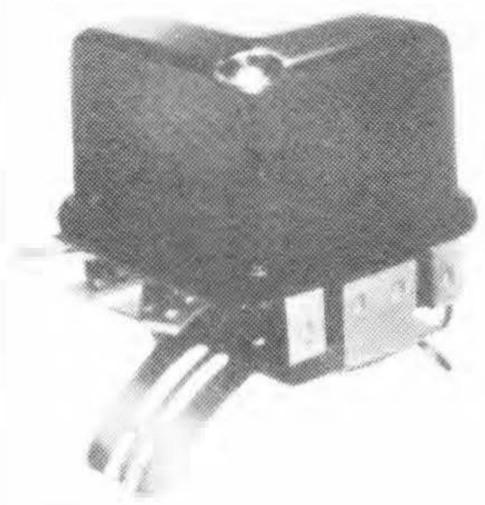
13915
12 Volt Pos. or Neg. Ground
Two Unit Type
Four Terminal - A Circuit
Same as 13914 except terminal is in back
REPLACES D-646, 1118381, 1118779, 1118987, 1118993, 1118997, 1118999, 1119576, GRX-209, GRX-290, 8-290

for generators

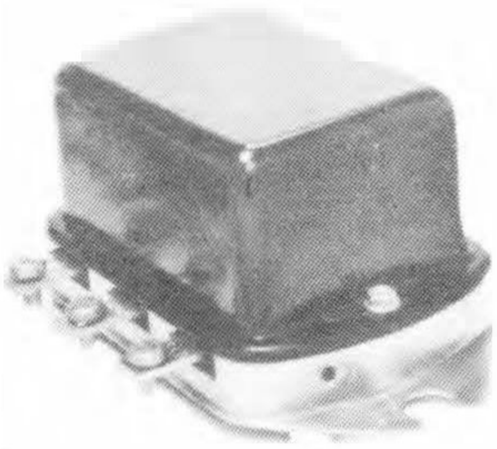
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buyers guide

for Delco Remy (cont'd)

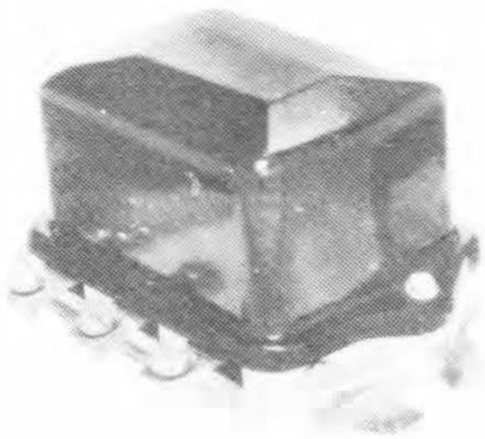


13917
12 Volt Pos. or Neg. Ground
Two Unit Type Three Terminal - A Circuit
REPLACES: D-649, 1118792, 1118991, GRX-408, 8-295

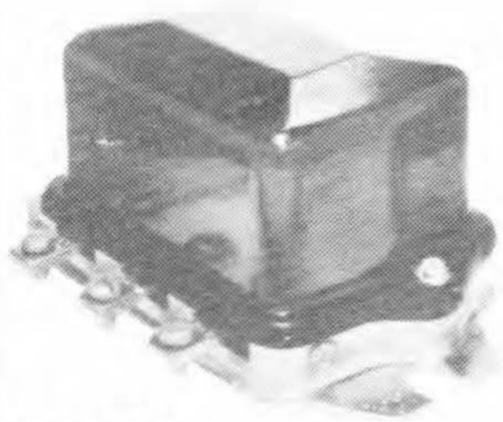


13921 or *VR-2121
12 Volt Pos. or Neg. Ground
27-31 Amp Three Unit Type
REPLACES: D-611, D-617, D-618, D-620, D-621, D-622, D-626, D-628, D-662, 1118749, 1118750, 1118825, 1118826, 1118839, 1118945, 1118967, 1119000, 1119001, 1119002, 1119003, 1119122, 1119123, 1119162, 1119168, 1119174, 1119205, 1119234, 1119235, 1119239, 1119242, 1119244, 1119253, 1119260, 1945172, 3145335, 3146142, 3150427, 3203657, 3203659, 923129, 923130, DR-500, DR-501, GRG-266, GRG-268, GRX-221, GRX-222, 8-221, 8-222, 8-266, 8-268, 8-276, VBO-4223D, VBO-4223E, VBO-6211C, VBV-6201B3, 0-190-300-070

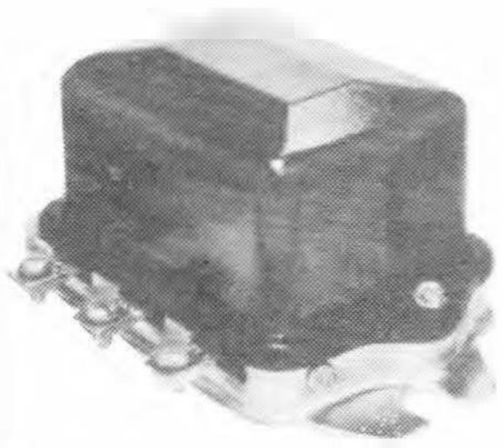
* *Premium duty regulator*



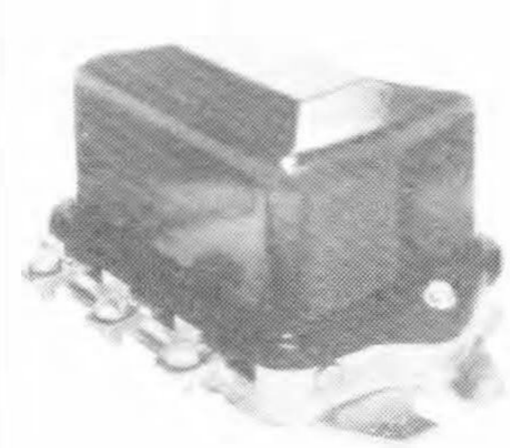
13926 or *VR-2126
12 Volt Pos. or Neg. Ground
32-36 Amp Three Unit Type
REPLACES: D-621, D-662, 1119168, 1119305



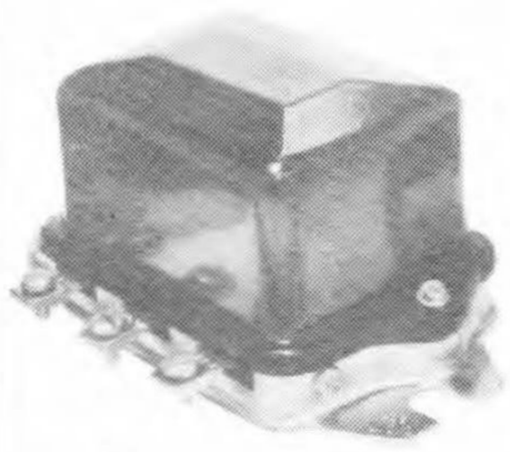
VR-2127
12 Volt Negative Ground
36-42 Amps Three Unit Type, Double Contact
REPLACES: D-263, D-623, D-627, 1119600, 1119602, 1119610, 1119623, 1119630, 1119654



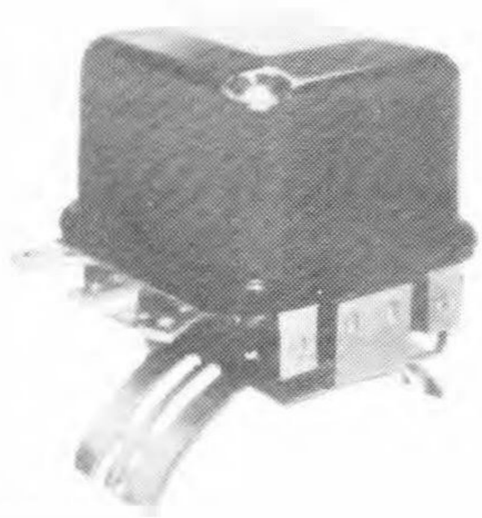
13928 or *VR-2128
12 Volt Negative Ground
41-47 Amps Three Unit Type, Double Contact
REPLACES: D-624, D-625, 1119601, 1119617, 1119627, 1119659, 1945171, GRG-265, GRX-262, 8-265



13927 or *VR-2137
12 Volt Negative Ground
48-52 Amps Three Unit Type, Double Contact
REPLACES: 1119606, 1119608, 1119619, GRX-278



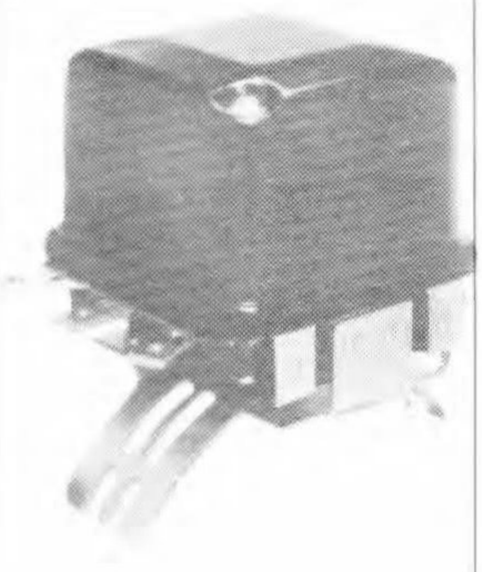
13960
12 Volt Pos. Or Neg. Ground
25-31 Amp Three Unit Type, includes VRK-1454 Shock Mounting Package
REPLACES: 1118897, 1119241, 1119270



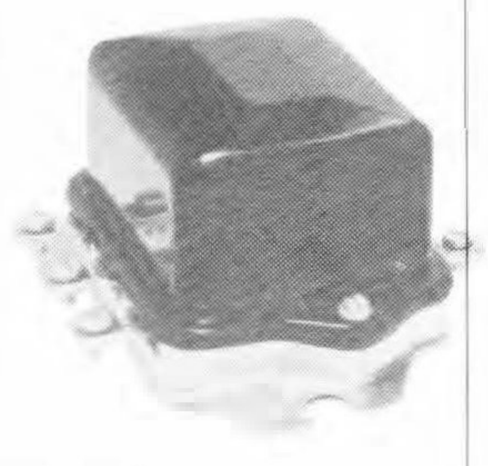
VR-1410
6 Volt Positive Ground
Two Unit Type Three Terminal
REPLACES: 1118786, GRX-406, GRX-407



VR-1419
12 Volt Pos. or Neg. Ground
Two Unit Type 4 Terminal ("GRD" Terminal extends from back of base.)



VR-1429
6 Volt Positive Ground
Two Unit Type Four Terminal, Regulator/Resistor Package
REPLACES: D-1700, D-1701, 1116766, 1116809, 5839, 5851, 5894, GRX-413

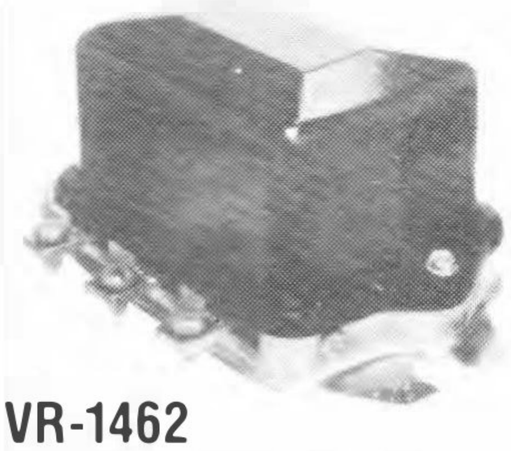


VR-1461
24 Volt Positive Ground
8-12 Amp Three Unit Type
REPLACES: 1118347, 1118957, 1119282

voltage regulators for generators

buyers guide

for Delco Remy (cont'd)



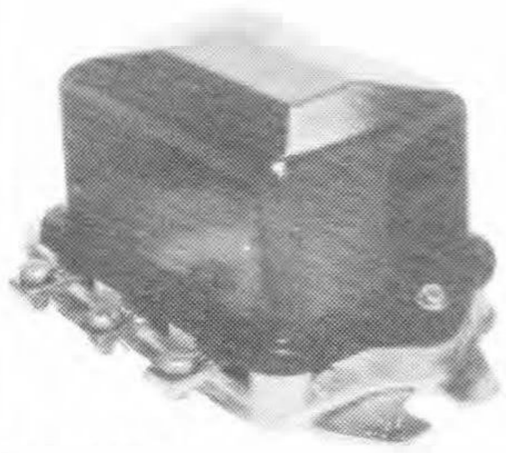
VR-1462
12 Volt Pos. or Neg. Ground
15-18 Amp. Three Unit Type
REPLACES: 1119153, 1119165, D-656



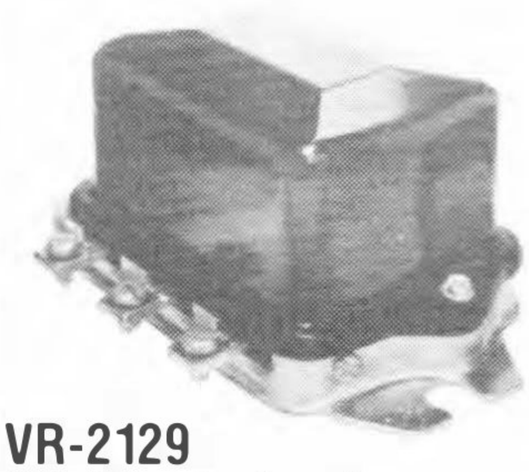
VR-2103
6 Volt Positive Ground
26-30 Amp Three Unit Type
REPLACES: D-603, 1118208, 1118215, 1118230, 1118234, 1118253, 1118271, 1118303, 1118350, 1118871, 1119176, 5597, 5810, 5811, 5813, 5818, 5828, 5831, 5861, 5865, 5867, 5874



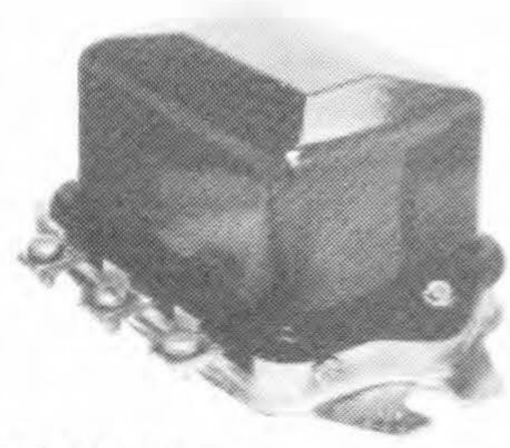
VR-2110
6 Volt Positive Ground
37-41 Amp Three Unit Type
REPLACES: D-602, D-604, D-607, D-608, D-610, D-612, 1118212, 1118222, 1118226, 1118232, 1118238, 1118276, 1118278, 1118302, 1118314, 1118331, 1118351, 1118360, 1118366, 1118380, 1118382, 1118392, 1118731, 1118830, 1118834, 1118841, 1118842, 1118846, 1118850, 1118864, 1118865, 1118867, 5847, 5852, 5871, 5877, 8-262



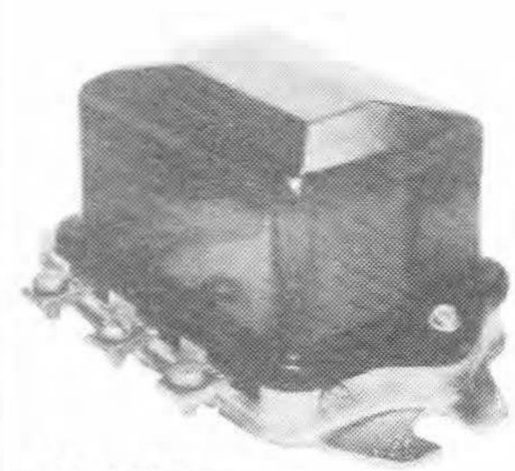
VR-2124
12 Volt Positive Ground
22-26 Amp Three Unit Type
REPLACES: D-616, D-654, 1118210, 1118214, 1118260, 1118273, 1118304, 1118316, 1118354, 1118857, 1118896, 1118901, 1118902, 1118955, 1119135, 1119245, 8-266



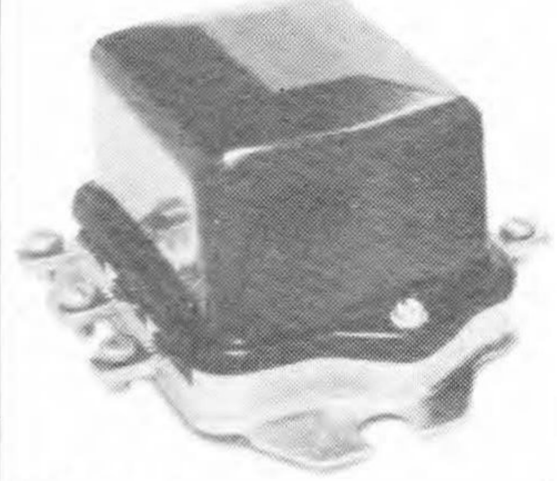
VR-2129
12 Volt Negative Ground
32-36 Amp
REPLACES: D-629, D-658, D-659, D-665, 1118956, 1119604, 1119611, 1119625, 1119635, 1119668, GRG-221, GRX-268



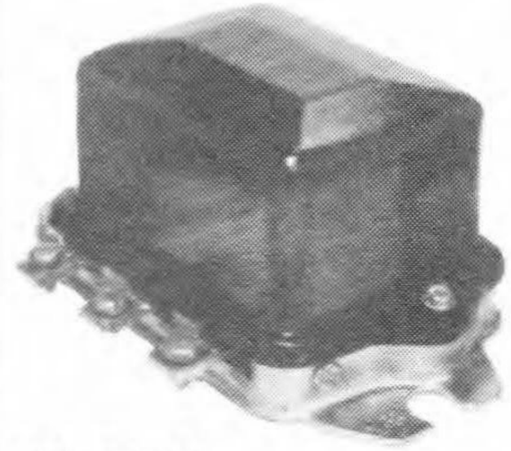
VR-2134
12 Volt Pos. or Neg. Ground
37-42 Amp
REPLACES: D-619, 1119004, GRX-281, 8-281



VR-2135
12 Volt Pos. or Neg. Ground
48-52 Amp Three Unit Type
REPLACES: D-651, 1118279, 1118339, 1118368, 1118838, 1118880, 1118881, 1118883, 1118939, 1119156, 1119200, 1119269, 1119607



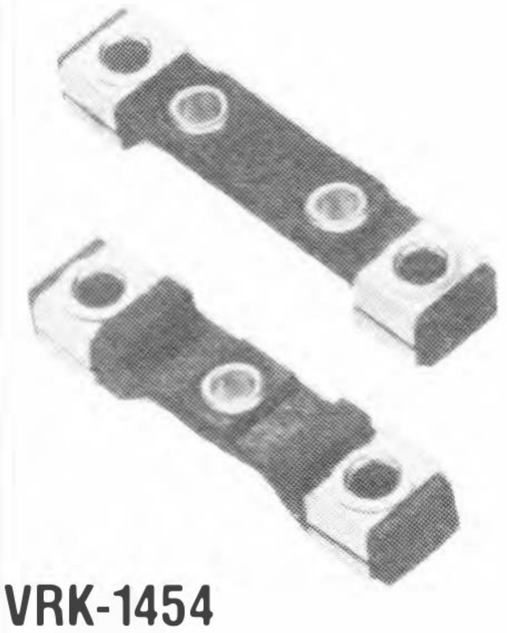
VR-2150
24 Volt Pos. or Neg. Ground
18-20 Amp Three Unit Type
REPLACES: 1118737, 1119185



VR-2152
24 Volt Pos. or Neg. Ground
16-20 Amp Three Unit Type with VRK-1454
REPLACES: 1118793, 1119233



VR-2153
12 Volt Positive Ground
48-52 Amp Three Unit Type Double contact.
REPLACES: 1119613, 1119632, 1119672



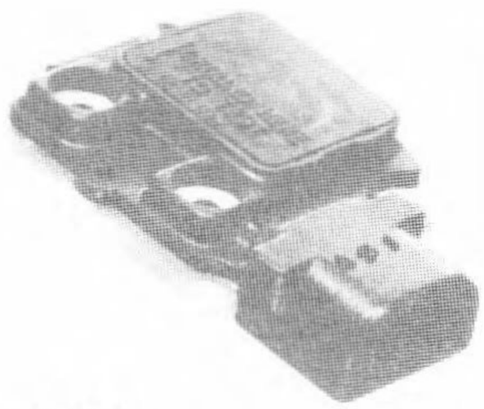
VRK-1454
Shock Mounting Package
This package is recommended for use with Delco-Remy generator type Voltage Regulators to avoid regulator damage or malfunction caused by excessive vibration or road shock. Allis-Chalmers, Case, Cockshutt, John Deere, Ford, International, Massey Ferguson, Minneapolis-Moline, Oliver Farm Tractors and Equipment.
REPLACES: 1910966

for alternators

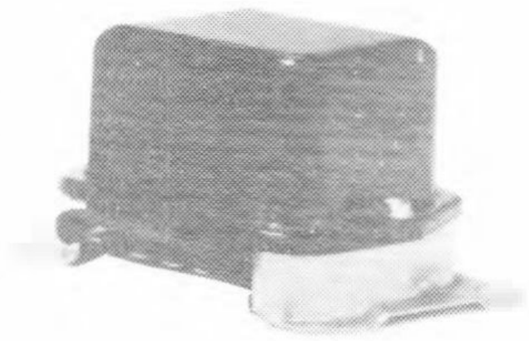
ACE™

buyers guide

for Ford

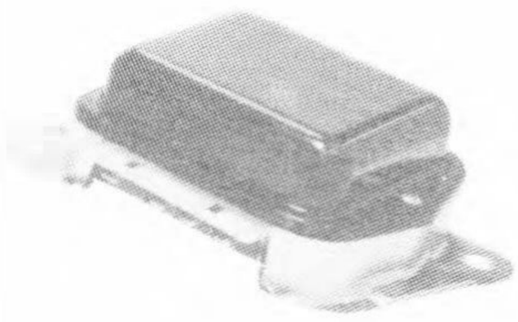


VR-1706
12 Volt
Voltage regulator for Ford I C. alternators
Used on: 1984-on Tiempo-Topaz FOR UNIT NO. E43F-10300-FA, E43Z-10346-D, E57F-10300-BA, E57F-10346-BA, GL-222, GL-224, GL-225, GL-226 and others.
LESTER NO: 7085, 7088, 7716 and others.
REPLACES. E432-10316-A, E6TZ-10316-A, GR-784

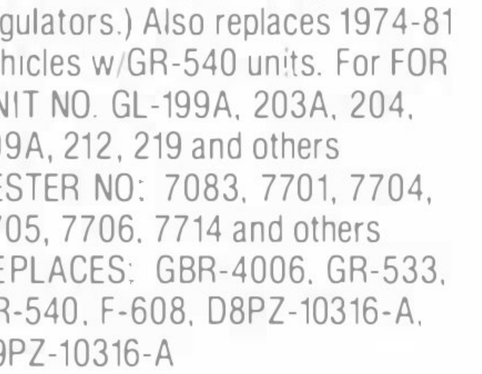


12724 or *VR-1724
12 Volt Negative Ground
Two Unit Type
REPLACES: GR-341, GR-341-A, GR-341-B, C35Z-10316-A, C35Z-10316-B, C3TF-10316-B, C3TF-10316-C, C3XF-10316-C, C4SF-10316-A, C4SZ-10316-A, C4TF-10316-B, C4TF-10316-D, C4UF-10316-A, C4UF-10316-B, C5AF-10316-A, C5AZ-10316-A, C5TF-10316-A, C8AF-10316-A, C8TF-10316-A, DOAF-10316-A, D3TZ-10316-A, D4TZ-10316-A, FO-504, 3155799, 3227716, F-607-M, 1972270, VCA-6211A, 8-286

** Premium duty regulator*

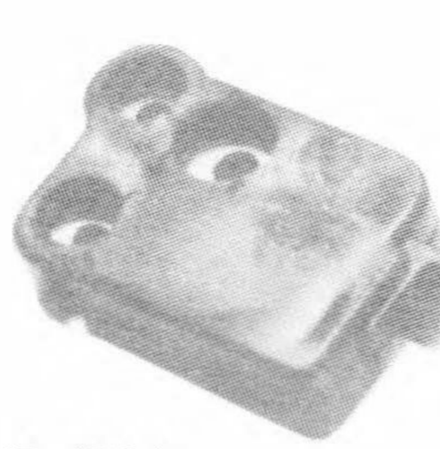


VR-1742
12 Volt Negative Ground
Solid State
Premium (replaces Ace VR-1787) w/short circuit protection
Used on: 1982-83 Ford, Lincoln Mercury products (Exc 83 range diesel) 1984 All Ford, Lincoln Mercury (Exc. police, diesel and vehicles w integral voltage regulators.) Also replaces 1974-81 vehicles w/GR-540 units. For FOR UNIT NO. GL-199A, 203A, 204, 209A, 212, 219 and others
LESTER NO: 7083, 7701, 7704, 7705, 7706, 7714 and others
REPLACES: GBR-4006, GR-533, GR-540, F-608, D8PZ-10316-A, D9PZ-10316-A



S-1779
Brush Holder & Regulator Assembly for Ford I.C.
FOR UNIT NO. GL-222, 224, 225, 226 & others

VR-1780
12 Volt Negative Ground
REPLACES: GR-374, GR-504, C6AZ-10316-A, D3TZ-10316-B



VR-1781
12 Volt Negative Ground
REPLACES: C8SZ-10316-A, GR-383

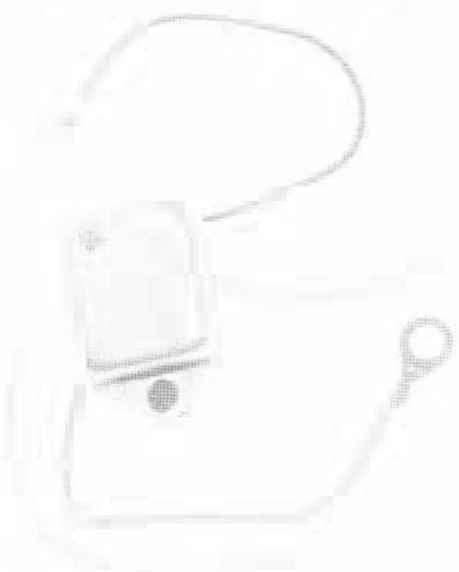
VR-1782
12 Volt Solid State
REPLACES: GR-540-A, E2PZ-10316



VR-1784
12 Volt Negative Ground Combination Solid State and Mechanical
REPLACES: GR-503, GR-533, GR-540, D4HZ-10316-A, D8BZ-10316-A, D9DZ-10316-A, D9PF-10316-AA, D9PZ-10316-A, E1PF-10316-AA, 3229408, 8-402, USM-6201



VR-1787
12 Volt Solid State 55 Amp Charging Circuits w/indicator lights
REPLACES: GR-533, GR-540, D8PZ-10316-A, D9PZ-10316-A

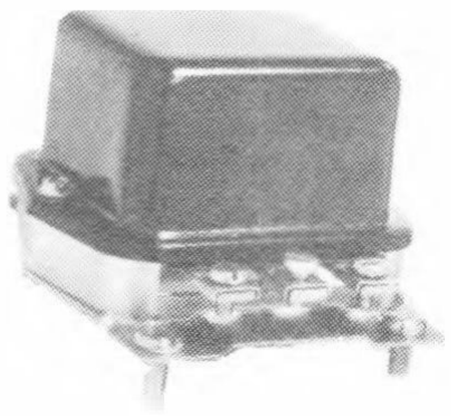


VR-2251
12 Volt Neg. or Pos. Ground
Conversion voltage regulator for Chrysler, Ford, Motorola and other alternators.
Converts Chrysler, Ford, Motorola and other alternators to one wire system. Universal, supplied with loose terminals for custom applications.

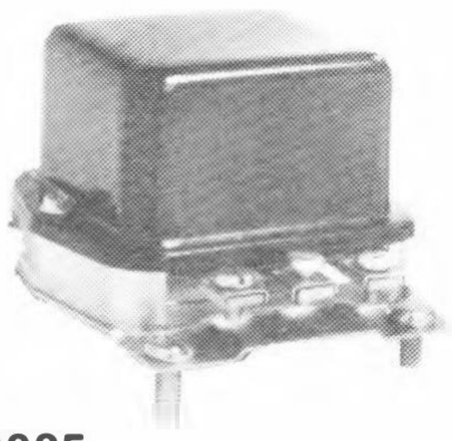
voltage regulators for generators

buyers guide

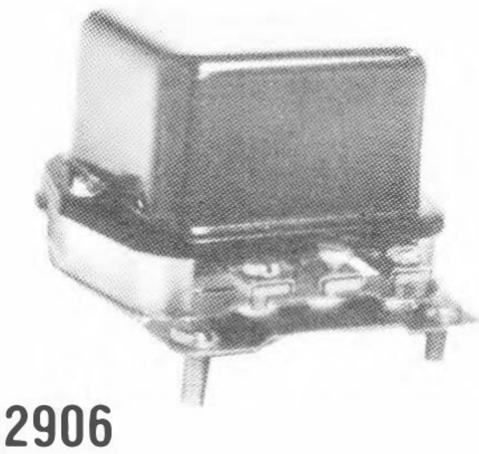
for Ford



12903
6 Volt Positive Ground
Two Unit Type A Circuit
REPLACES: GR-276, 8N-10505-C

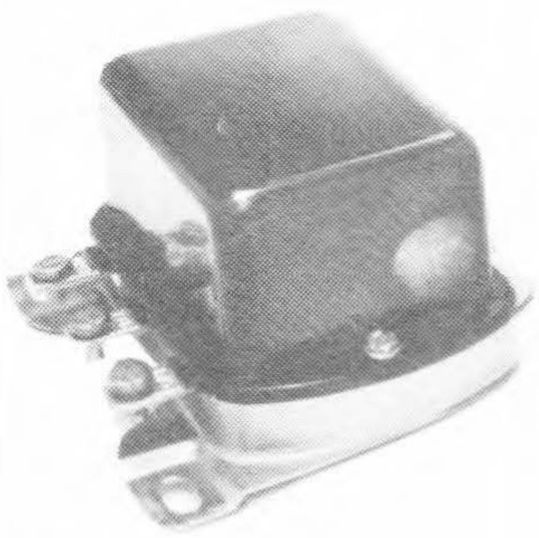


12905
6 Volt Positive Ground
Two Unit Type B Circuit
REPLACES: GR-277, FAG-10505-A

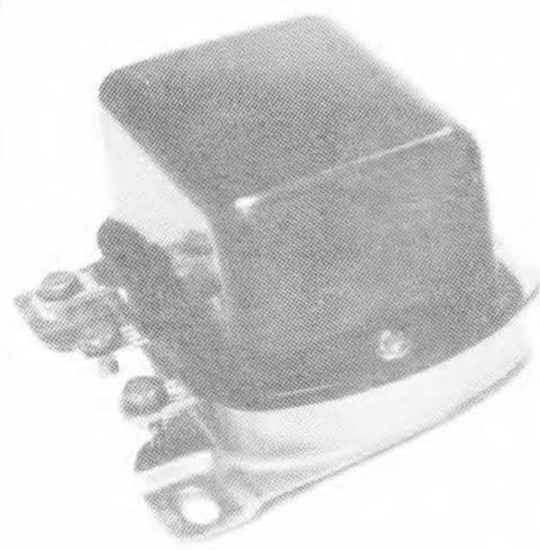


12906
12 Volt Pos. or Neg. Ground
Two Unit Type B Circuit
REPLACES: GR-278, CONF-10505-A, 2900446

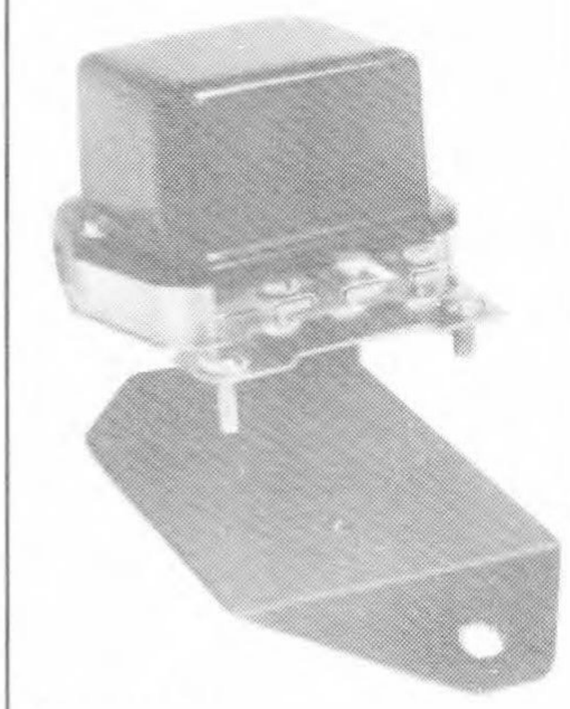
* *Premium duty regulator*



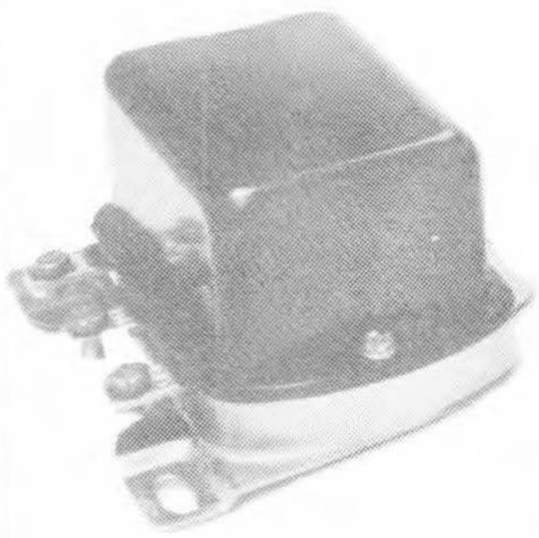
12941
6 Volt Positive Ground
38-42 Amp Three Unit Type, B Circuit
REPLACES: 3203654, F-601M, F-602M, 1972031, 1972059, B5A-10505-B, B5A-10505-C, B5AF-10505-B, FAC-10505-A, FAC-10505-A1, FAC-10505-A2, FAD-10505-A, FAD-10505-C, GR-1, GR-7, GR-8, 01A-10505-A, 01A-10505-C, 5EA-10505-C, 5EH-10505-E, 51A-10505-C, 51A-10505-D, 51A-10505-E, 51A-10505-H, 59A-10505-A 8A-10505-A, 8L-10505-A, 8M-10505-A, 8M-10505-A1, 8M-10505-A2, 81-10505-A, 91A-10505-A, VBO-6611D



12961 or *VR-2161
12 Volt Pos. or Neg. Ground
27-31 Amps 3 Unit Type, B Circuit
REPLACES: F-600-M, F-606-M, 1972157, B6A-10505-A, B7A-10505-B, CODF-10505-A, CITF-10505-A, CITF-10505-B, CITZ-10505-A, C2AF-10505-A, C2DF-10505-A, C2TF-10505-B, C3DZ-10505-A, C3DZ-10505-B, C3TZ-10505-A, C3TZ-10505-B, FAP-10505-A, FAP-10505-C, GR-14, GR-20, GR-24 GR-267, GR-268, 2700015, 2900424, 8-621, 0-190-305-007

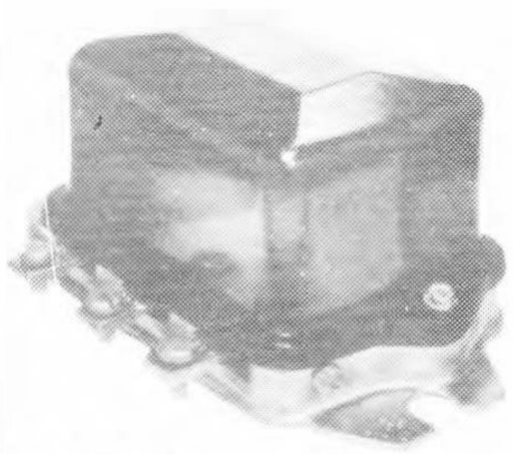


VR-1401
6 Volt Positive Ground
Two Unit Type A Circuit, Adaptor Plate included for Proper Mounting
REPLACES: 8N-10505-B, VAZ-4001-A, VRR-4008A



VR-2162
12 Volt Pos. or Neg. Ground
37-41 Amp Three Unit Type, B Circuit
REPLACES: F-604-M, F-605-M, 1972067, 1972070, B8A-10505-A, B8E-10505-B, B8E-10505-C, COMF-10505-A, C2AF-10505-B, C2AZ-10505-A, C2AZ-10505-B, C2SZ-10505-B, C2TZ-10505-A, D2AZ-10505-C, FBF-10505-A, GR-4, GR-17, GR-22, GR-241, GR-266, GR-269, GR-369, GR-370, PB7M-10505-A, 2700017 2900305, 2900423, 2900563, 8-622

for Harley Davidson



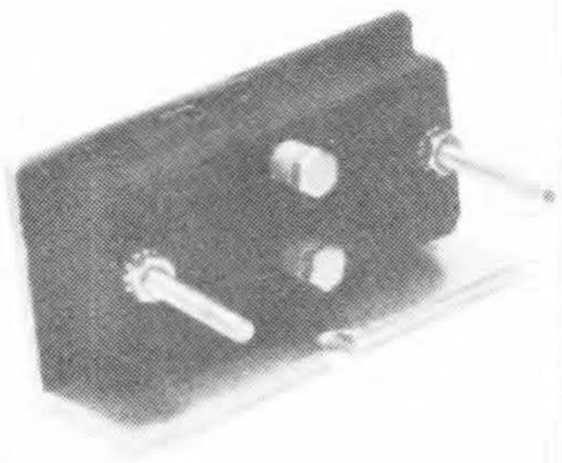
VR-1705
12 Volt
Shock Mounted Base/Vibration Resistant Connections
REPLACES: 74510-64, 1119614

for alternators

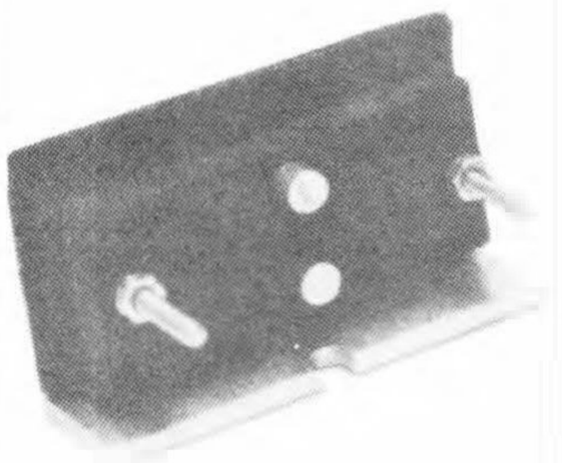
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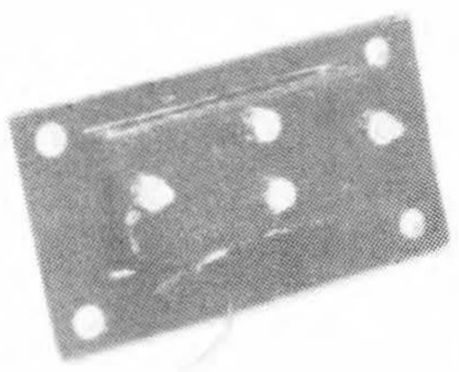
for Leece Neville



VR-1700
12 Volt Neg. or Pos. Ground
Solid State
Used on 3425J: 3625J Flange mount type alternators.
REPLACES: 97300



VR-1773
12 Volt Negative Ground
Solid State
Used on 7000 J Series Alternator
REPLACES: 77973

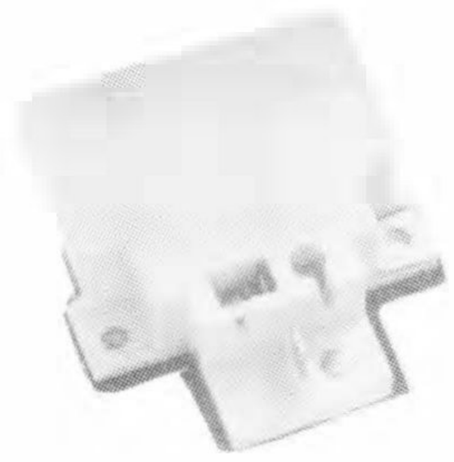


VR-1790
12 Volt Negative Ground
Solid State Same as VR-1790-A Except O.E.M.
Replacement Regulator for Leece Neville 2300 JB Series manufactured by original equipment supplier.
REPLACES: 79000

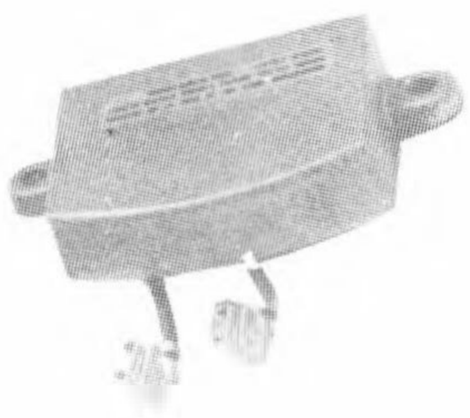


VR-1790-A
12 Volt Negative Ground
Solid State
Adjustable Voltage Setting Epoxy Filled
For 2300 JB Series and others
REPLACES: 79000

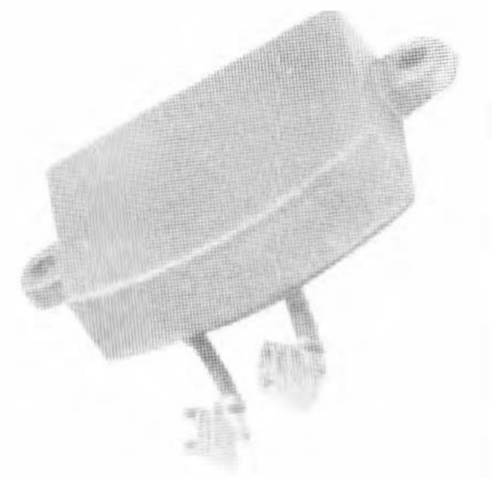
for Motorola



VR-1212
12 Volt Negative Ground
REPLACES: 5-762, 8RC-2007, 126000-0050



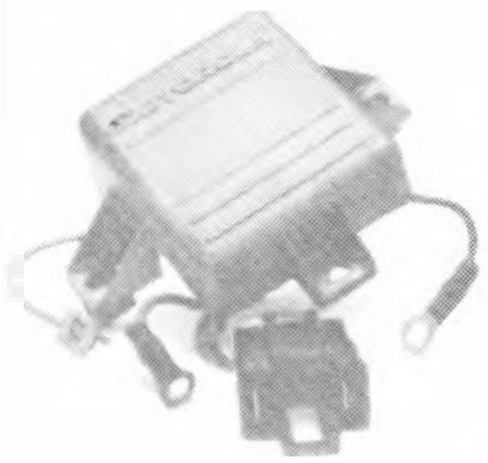
VR-1213
12 Volt
Solid State 2 Female Leads.
REPLACES: 5-171, 5-180, 5-763, 505-9, 505-10, 505-45, 505-70, 9RC-2003, 9RC-2006, 9RC-7003, 9RC-7004, 9RH-7013



VR-1213-A
12 Volt
Solid State 2 Female Leads.
Same as VR-1213 except aftermarket. Used on Robert Bosch applications. All 9RC Series alternators.
REPLACES: 5-171, 5-180, 5-763, 505-9, 505-10, 505-45, 505-70, 9RC-2003, 9RC-2006, 9RC-7003, 9RC-7004, 9RH-7013



VR-1248S
12 Volt
REPLACES: 036-903-803A, 049-903-803H, 9RC-2018, 9RC-7088, 9RC-7104

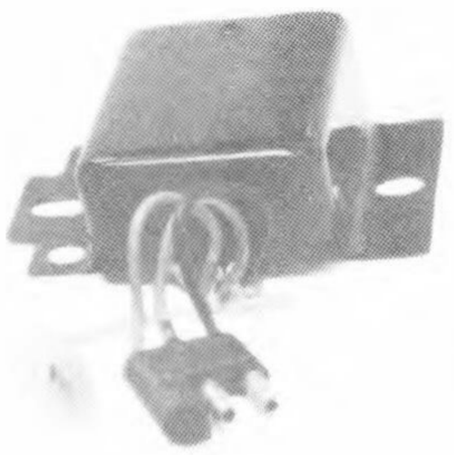




VR-1717
12 Volt Ground w/Isolation Diode
FOR UNIT NO:
RA-12NJD604 (10-39), RA-12NJ453 (10-38) 8AR-2006
REPLACES: 5-92, 5-153, 8RF-2014C



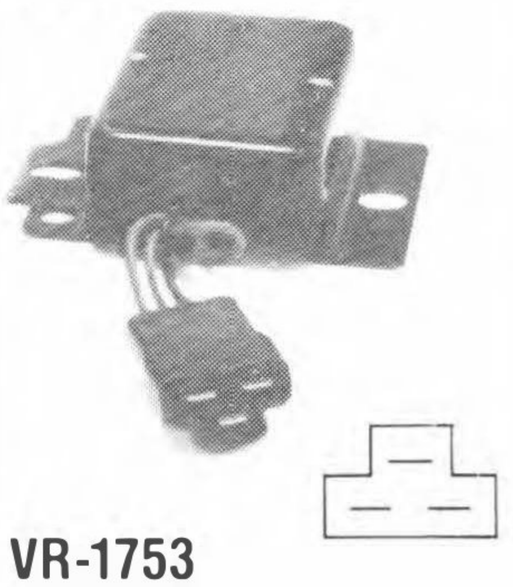
VR-1718
12 Volt Negative Ground
Solid State w/Isolation Diode
FOR UNIT NO: RA12N55-JD1, JD5, JD6, JD7, JD8, 8AR-2033F, 2041F, 2001, 2, 3, 4, 5, 7, 8, 9, 14G, 15K, 16K, 17F, 18F, 22F, 23K, 24F, RA12N451D, T; RA12NDN451, WC451, 452, 452D, 453, 550, 550D, 600, 600D, 600T, 601
REPLACES: R3WCI, R3-WEI, R3-1, R3-3, 5-101, 5-151, 5-29, 5-43, 5-46, 5-51, 5-63, 8RF-2011-A





VR-1752
12 Volt Negative Ground
Solid State
REPLACES: 3167360, 3171141, 3178581, 3208345, 8126225, GR-287, GR-387, 8-415, F-1, F-2, P-1, R1-1, R2-CC1, R2-CM1, R2-C1,R2-ON1, R2-TK1, R2-X1, R2-X2, R2-1, R2-2, R2-3, SR-1, TVR-12, TVR-12-1, TVR, 12-AM-18, TVR-12-AM-6, TVR-12-CC-1, TVR-12-M-20, TVR-12-NAM-16, TVR-12-NAM-18, TVR-12-NAM-6, TUR-12-NX-1, TUR-12-TK-21, 5-1, 5-10, 5-130, 5-14, 5-140, 5-143, 5-15, 5-154, 5-16, 5-178, 5-18, 5-21, 5-28, 5-30, 5-33, 5-35, 5-42, 5-45, 5-5, 5-50, 5-59, 5-6, 5-7, 5-72, 5-8, 6-1, 8RB-2001, 8RC-2020, 8RD-2020, 8RH-2004A, 8RH-2004F, 8RH-2004H, 8RH-2004L, VSC-6234D, VSC-6234G, VSH-6201G, 8-274, 8-292, 8-354

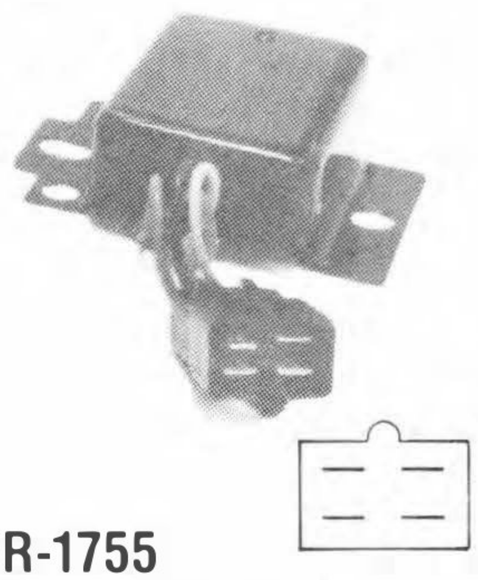
for Motorola (cont'd)



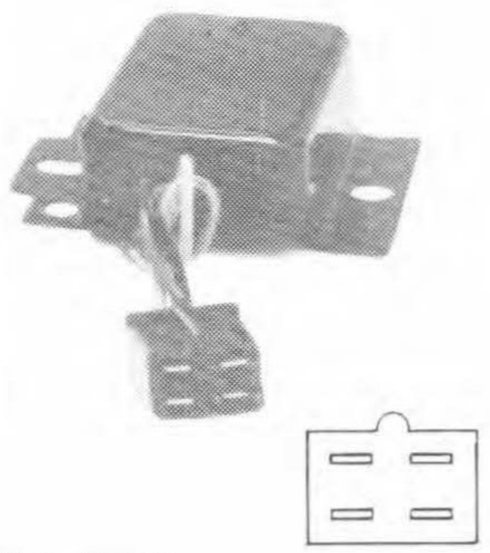
VR-1753
12 Volt Negative Ground
Solid State
REPLACES: 3167669, 8126220, 933038, 945228, GRX-381, R2-K1, TVR-12W-14, 5-3, 5-44, 7-61, VSC, 6231D, VSH-6201K, 8-273, 8-357, 8-537



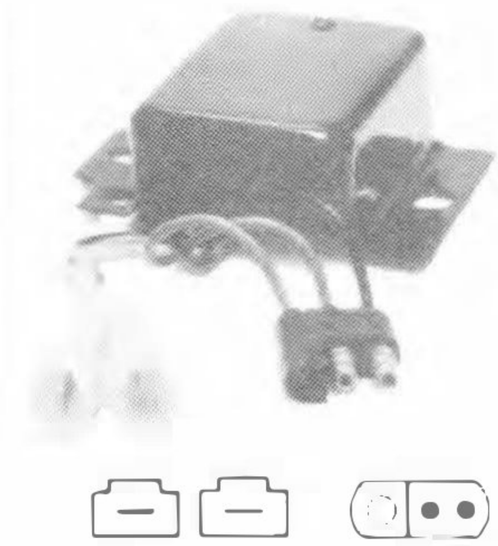
VR-1754
12 Volt Negative Ground
Solid State
REPLACES: 3181695, 3182829, 3182898, 3183962, 3194527, GR-382, GRX-382, GRX-506, R2-AM1, R2-AM2, 8RH-2004C, VSC-5234J, VSC-6234L, VSH-5234S, VSH-6201H, 5-24, 5-138, 8-303, 8-327, 8-355, 8-415, 8-423



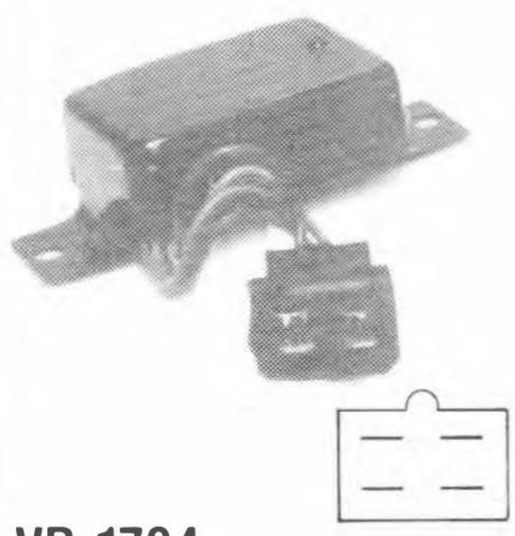
VR-1755
12 Volt Negative Ground
Solid State
REPLACES: 3195001, 3195003, 3211952, GRX-505, R2-AM4, VSH-6201F, USH-6201R, 5-67, 5-139, 8-345, 8-359



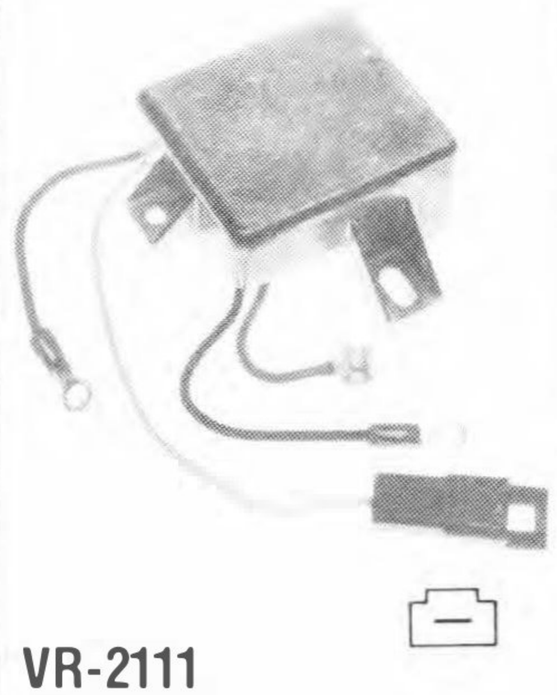
VR-1760
12 Volt Negative Ground
Solid State
REPLACES: 3210300, 3219357, 3223250, 5456934, GRX-528, 5-76, 5-107, 5-118, 5-134, 5-144, 5-701, 8RB-2005, 8RD-2001, 8RH-2003, 8RH-2003J, 8RH-2012, VRB-2005, VSH-6201L



VR-1762
Alternator Regulator
12 Volt Negative Ground
Solid State
REPLACES: R2-1, 5-28



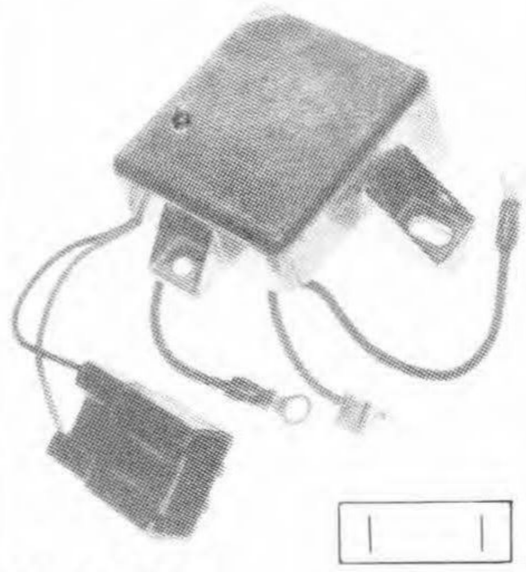
VR-1794
12 Volt Negative Ground
4 Terminal Male Spade
REPLACES: 0-190-600-017, 8RH-2001, 043-903-803A



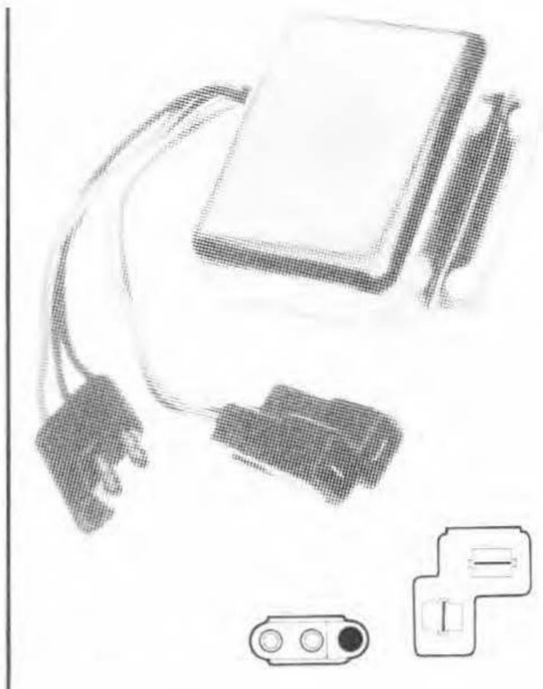
VR-2111
12 Volt Negative Ground
Solid State
FOR UNIT NO: 42033663; 71007875; 7100787503; 8AR2021K; 8TA2028E
LESTER NO: 7435
REPLACES: 8RF-2012A, 5-152



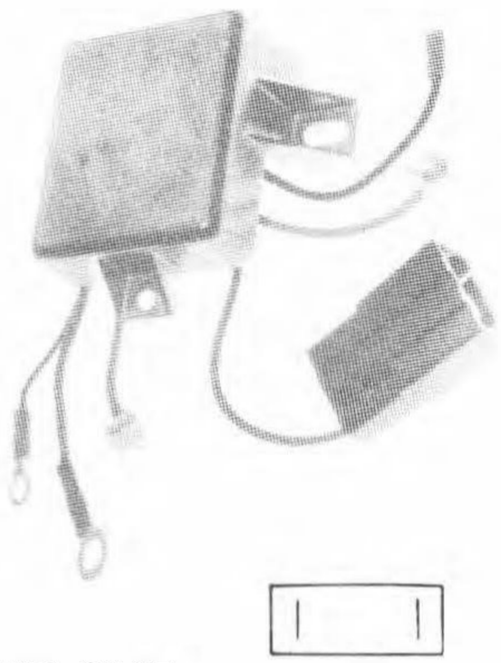
VR-2112
24 Volt Negative Ground
Solid State
FOR UNIT NO: A47263; AT45526; AT56246; R36588; 8TA3020C; 8TA3025C; 8TA3052C
REPLACES 8RF-3013, 5-164



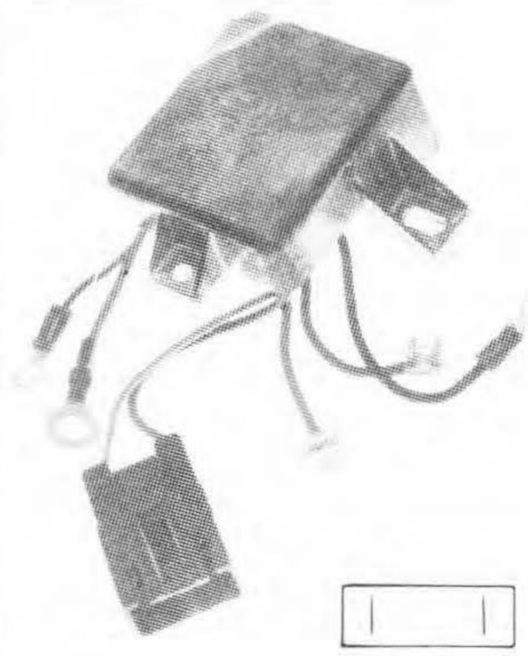
VR-2113
24 Volt Negative Ground
Solid State
FOR UNIT NO: AR-40419; RA24JD902
LESTER NO: 7358
REPLACES: 8RF-3017C, 5-183



VR-2114
12 Volt Negative Ground
Solid State
FOR UNIT NO: 265535M1
REPLACES: 8RD-2031, 5-204



VR-2115
12 Volt Negative Ground
Solid State
FOR UNIT NO: AN56049; AT36219; AT56049; AT56249; 8TA2003B; 8TA2003D; 8TA2024D
REPLACES: 8RF-2001, 5-104



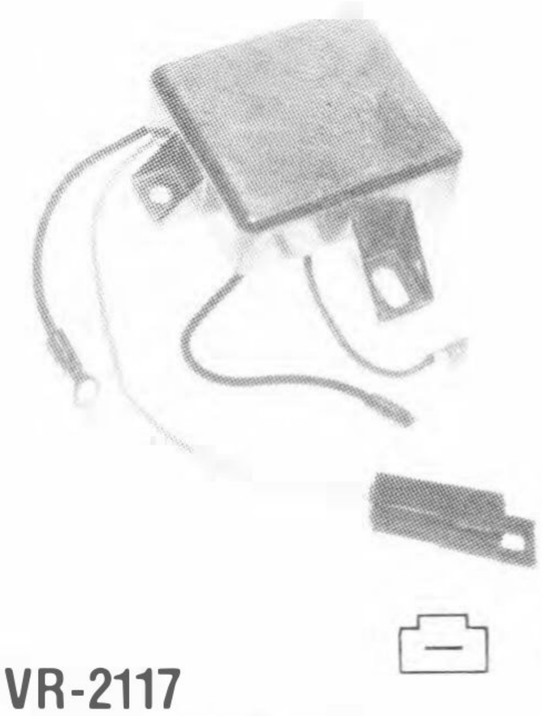
VR-2116
12 Volt Negative Ground
Solid State
FOR UNIT NO: A114058; AR74033; AR80420; 8TA2009E; 8TA2021E; 8TA2026E
REPLACES: 8RF-2003, 5-121

for alternators

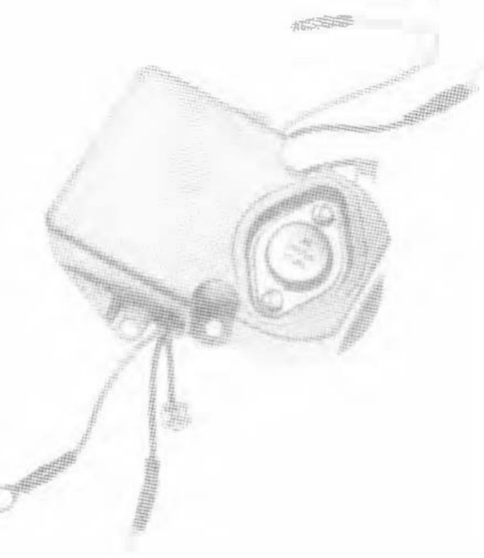
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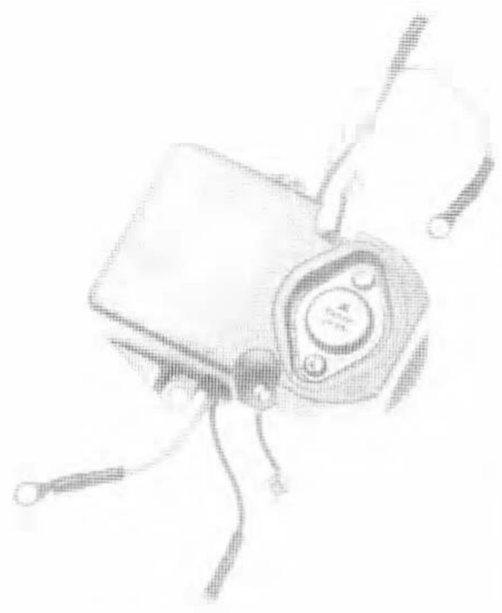
for Motorola (cont'd)



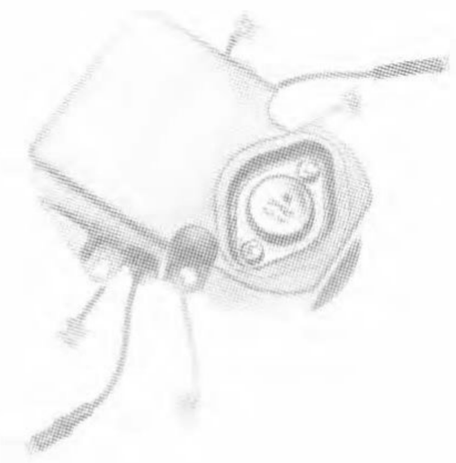
VR-2117
12 Volt Negative Ground
Solid State
REPLACES: 8RF-2021A, 5-242



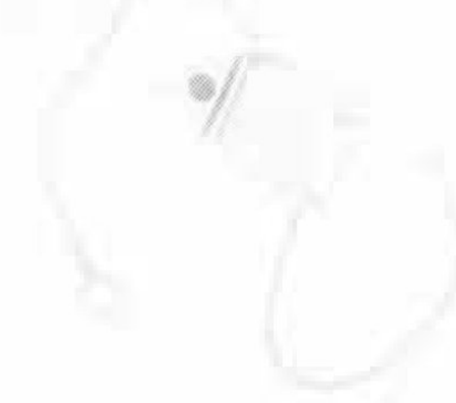
VR-2240
12 Volt Negative Ground 90 Amp
For Unit No. 8LHA2022R, 8SA2022R, 10-250 and others
REPLACES: 8RG-2023, 5-224



VR-2241
12 Volt Positive Ground 90-Amp
For Unit No. 8LHA2024R, 8SA2024R, 10-251 and others
REPLACES: 8RG-2025, 5-233



VR-2242
12 Volt Neg. or Pos. Ground
130 Amp
For Unit No. 8LHA2023V, 8SA2023V, 10-255 and others
REPLACES: 8RG-2026, 5-237

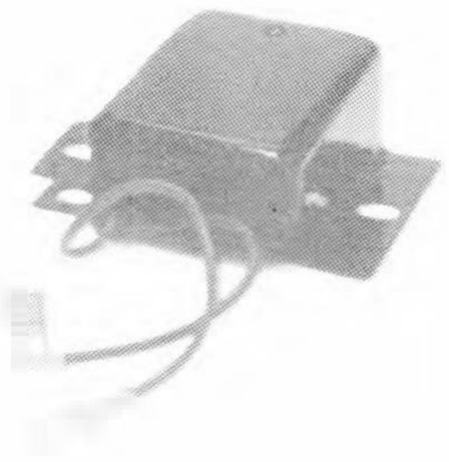


VR-2251
12 Volt Neg. or Pos. Ground
Conversion voltage regulator for Chrysler, Ford, Motorola and other alternators. Converts Chrysler, Ford, Motorola and other alternators to one wire system Universal, supplied with loose terminals for custom applications



VR-2254
12 Volt Negative Ground
Adjustable marine voltage regulator
FOR UNIT NO: 42785 (3ER1071)

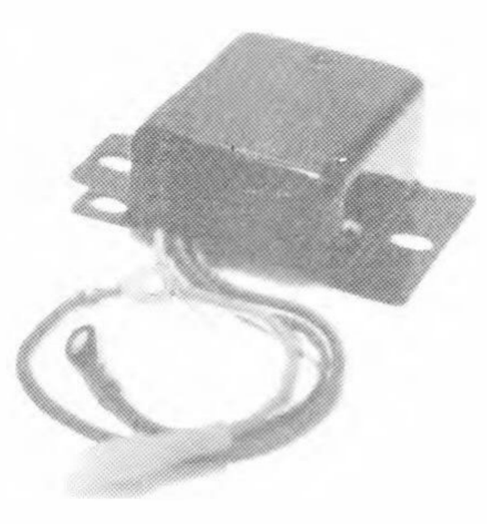
for Prestolite



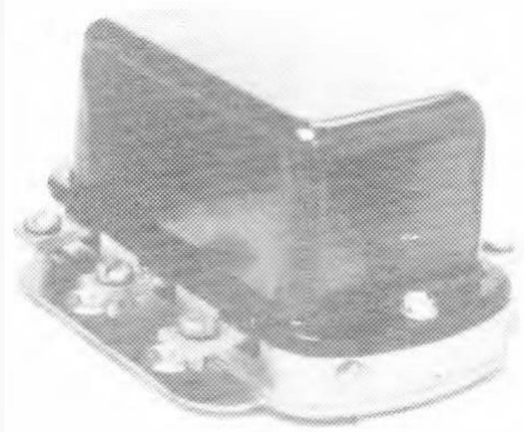
VR-1713
12 Volt Ground Solid State
FOR UNIT NO. ALK6003, 7004, 7006; ANC7601, 7620, 76205
REPLACES: VSH-6201-A, 8-328A



VR-1714
12 Volt Ground Solid State
FOR UNIT NO: ALK 7314, 770, 870 and 970 and others
REPLACES. VSH-6201, VSH-6201-A, VSH-6201-B; VSH-6201-AB.
8-379



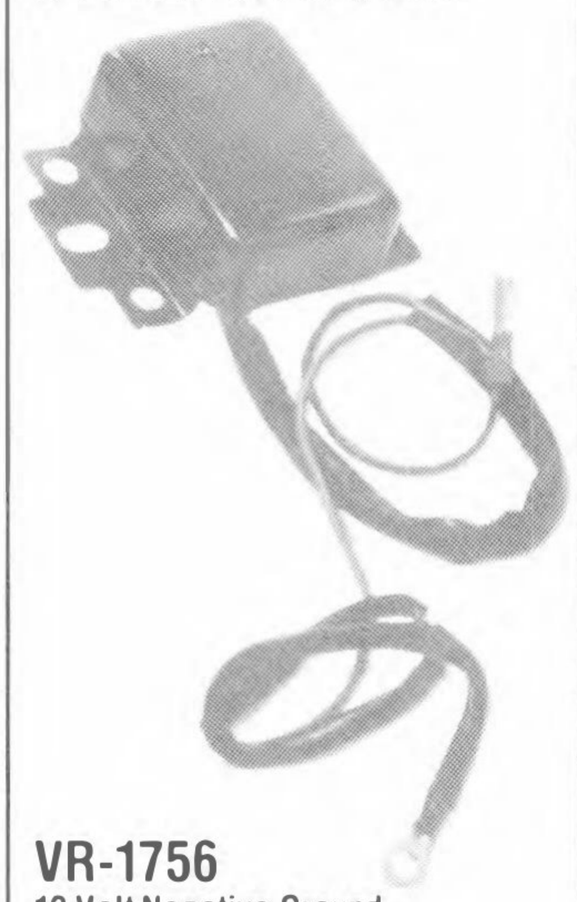
VR-1715
12 Volt Solid State
Used with Prestolite ALK Alternators
REPLACES: VSH-6201-W, 8-368



VR-1730
12 Volt Negative Ground
Two Unit Type
REPLACES: VBV-6201-A, VBV-6201-B, VBV-6201-C, VBV-6221-C, GRX-418, GRX-421, GRX-422, GRX-48, 8-125, 8-188, 8-223, 8-228, 8-236, 8-418, 8-421, 8-422, 8-736



VR-1740-A
24 Volt Negative Ground
Solid State
Used with ANB Series Alternators
REPLACES: VSH-6401, VSH-6401-B, VSH-6401-C, 8-384, 8-393



VR-1756
12 Volt Negative Ground
Solid State
REPLACES: VSH-6201, 8-339

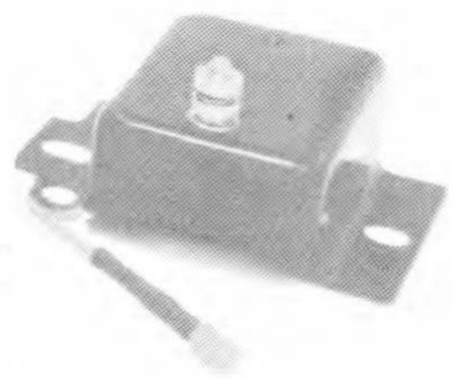
voltage regulators for alternators

buyers guide

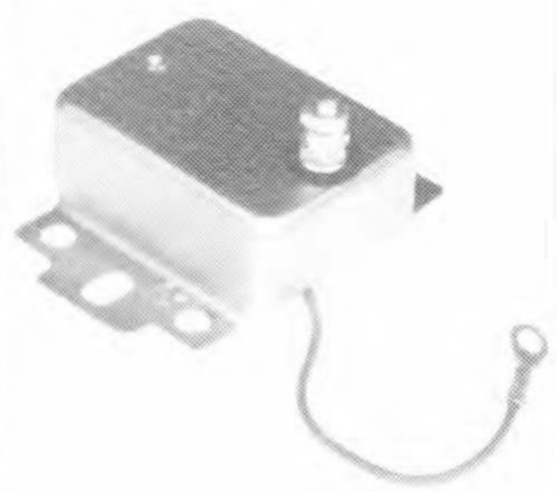
for Prestolite (cont'd)



VR-1757
12 Volt Negative Ground
Solid State
REPLACES: VSH-5024-BY, VSH-5204-BY, 8-330, 8-350



VR-1758
12 Volt Negative Ground
Solid State
REPLACES: VSC-6202-E, VSH-6201-N, 8-352



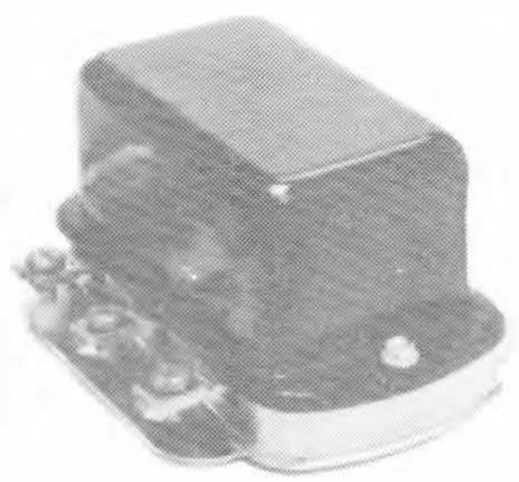
VR-2266S
12 Volt Ground Solid State
REPLACES: VSH-6201-AE, 8-403



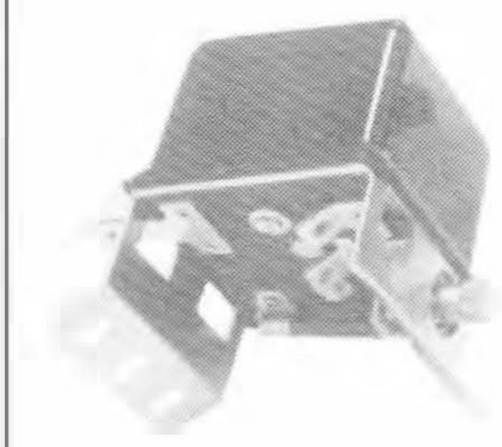
VR-2267S
12 Volt Negative Ground
Solid State "B" Circuit
REPLACES: VSH-6201-AGY, 8-410

for generators

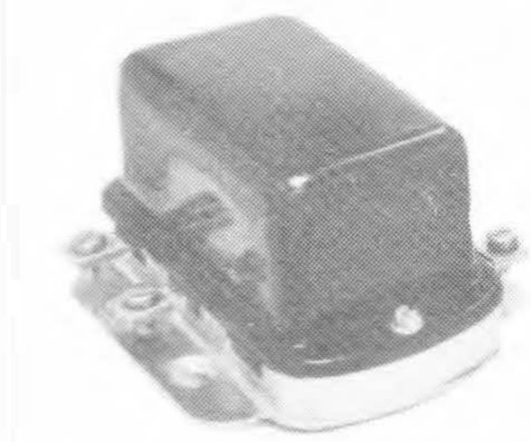
for Prestolite



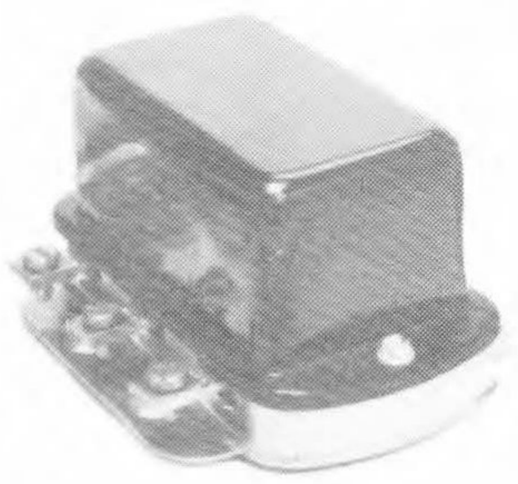
VR-2174
6 Volt Positive Ground
37-41 Amp 3 Unit Type
REPLACES: VBO-4601-K, VBO-4602-B, VRP-4503-A, 8-70, 8-74



VR-1407
6 Volt Positive Ground
2 Unit Type
REPLACES: GRX-15, TC-4301D, TC-4327E, 9-9, 9-15, 9-16

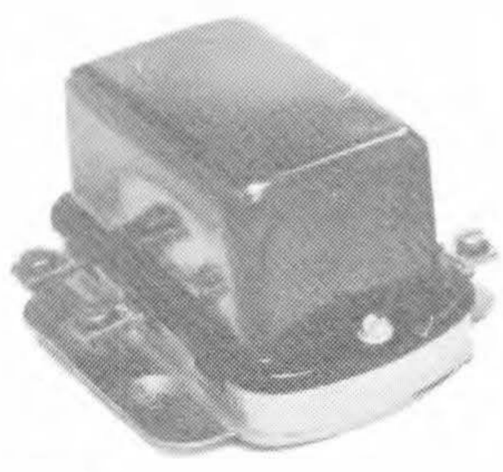


VR-2175
6 Volt Positive Ground
42-46 Amp 3 Unit Type
REPLACES: 3142885, CH-515, 1343753, 1502074, 1641510, A-602-M, 1972033, VBE-6001A, VBE-6101A, VBE-6201A, VBO-4602E, VBO-4602V, VRP-6005A, 8-76, 8-762



VR-2197
12 Volt Negative Ground
27-31 Amp 3 Unit Type,
"B" Circuit
REPLACES: 3157207, 3157212, 3162133, 3257207, A-610-M, A-611, 1972160, 1972258, GRX-82, GRX-84, GRX-100, 8-084, VBO-6201C, 8-84, 8-114

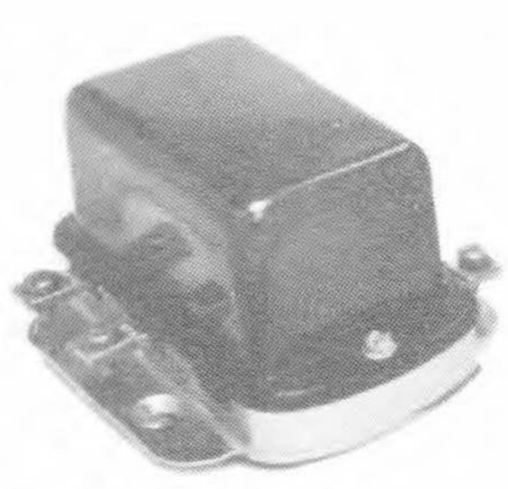
Miscellaneous



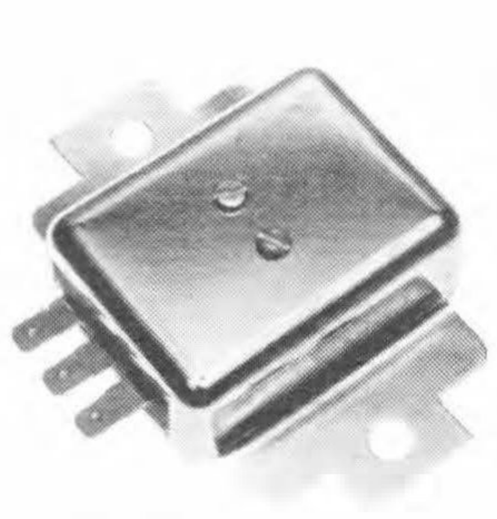
VR-2192
12 Volt Pos. or Neg. Ground
27-31 Amp 3 Unit Type
REPLACES: VBO-4201-E, VBO-4201-E1, VBO-4202-B, VBO-4202-P, VBO-4202-R, VRX-6010-A, VRX-6301-A, 8-59, 8-154, 8-722, 8-723



VR-2173
6 Volt Negative Ground
32-36 Amp 3 Unit Type
REPLACES: A-606M, 1972062, VBO-4001G, VRP-4005A, VRP-4007C-2, VRP-6003A, 8-26



VR-2195
12 Volt Negative Ground
27-31 Amp 3 Unit Type
REPLACES: VBO-4201D, VBO-4202C, VBO-4204D, VBO-4202E, VBO-4202G, VRX-6009B, 8-56, 8-61, 8-62



VR-2255
12 Volt Negative Ground
Rectifier regulator for permanent magnet rotor alternators
As used on Kohler, Tecumseh and other engines for John Deere, Sears and others. Terminals: 3 in row

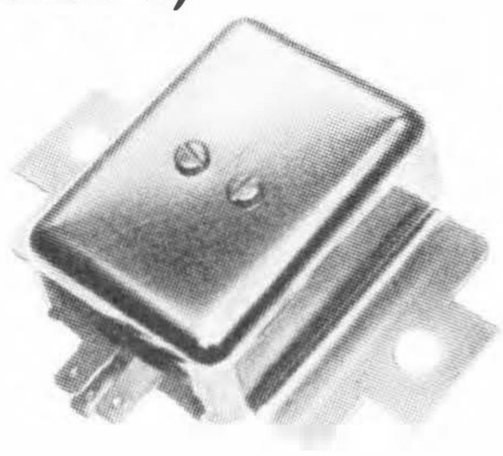
for alternators

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buyers guide

generator cutouts

Miscellaneous (cont'd)



VR-2256
12 Volt Negative Ground
15 Amp Units
Rectifier regulator for permanent magnet rotor alternators
As used on Kohler, Tecumseh and other engines for John Deere, Sears and others. Terminals: 2 over. 1 under
REPLACES: Repco No FG-4175



13690
6 Volt 15 Amp
REPLACES: 9-1, CB-4022, CB-4012, CB-4025, CG-4020-S, *1867781, *D-1702



13691
6 Volt 15 Amp
REPLACES: CB-400,7 CB-4014, 9-4, CB-4008. CB-4021-S, 9-51. *1867781, *D-1702



13692
12 Volt 40 Amp Universal
REPLACES: CB-4013, 9-3, 1872508. D-1703, RA-4002

for imports

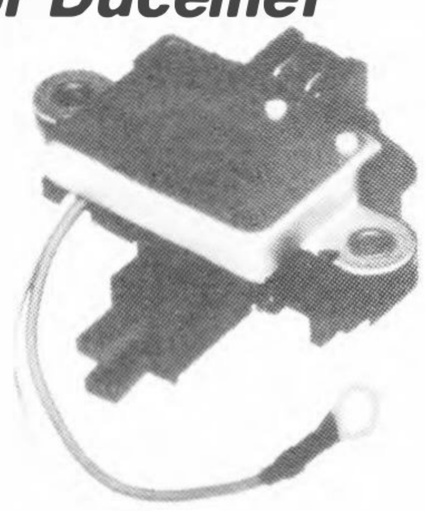
** O E part number with universal bracket requires both 13690 and 13691 for coverage. Make selection based on side or end mounting brackets.*

for Delco



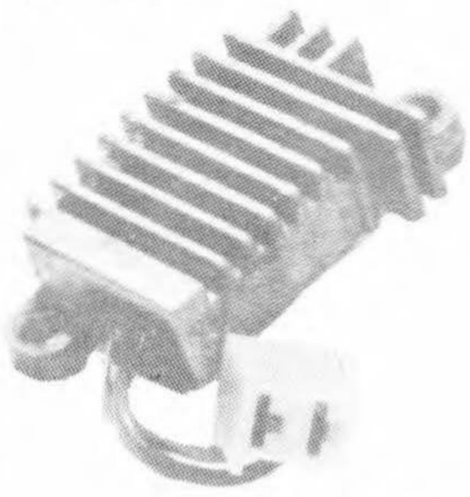
VR-2206
12 Volt Negative Ground
Solid State
REPLACES: 7934605, 7982614, 7982866

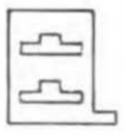
for Ducellier



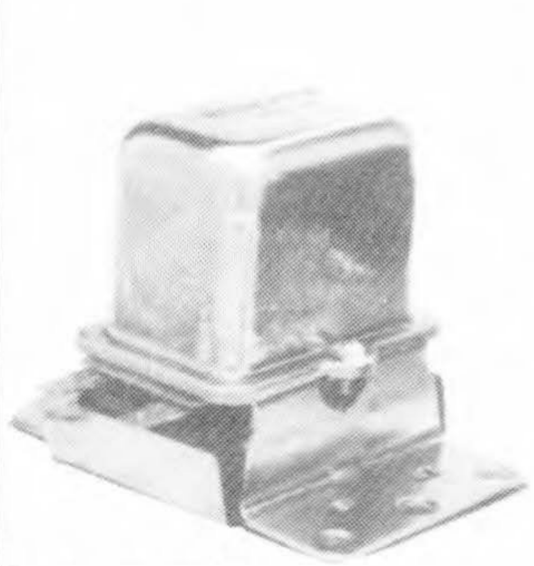
VR-1250S
12 Volt Solid State
516025A, B, C; 516030A, B, C, D, E; 516042A
REPLACES: 511010, 511006

for Fiat





VR-2219
12 Volt Negative Ground
Solid State
REPLACES: 4475112, RTT-114A



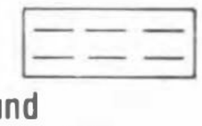
VR-2220
12 Volt Negative Ground
Solid State
REPLACES: 4074763, 4095889

for Hitachi

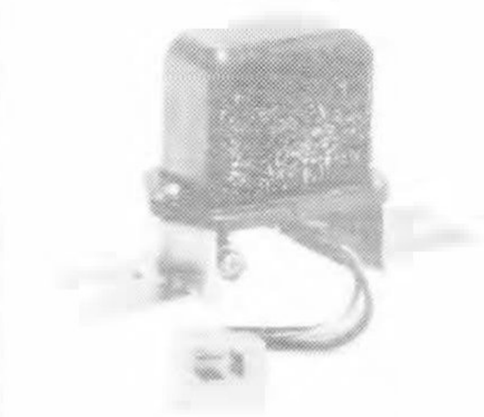


VR-1203
12 Volt Negative Ground
Mechanical 6 Spade Male Plug
Hitachi TL1Z-58
REPLACES: 23500-U0600, 23500-U0601, 23500-U0602, 23500-U0603, 23500-U0610, 23500-21600, 23500-40610, TL1Z-58



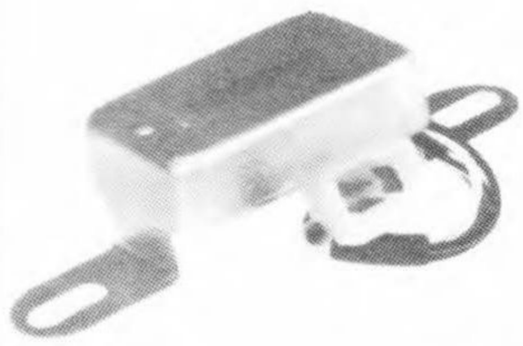


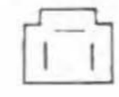
VR-1203S
12 Volt Negative Ground
Solid State 6 Spade Male Plug
Same as VR-1203 except solid state
REPLACES: 23500-U0600, 23500-U0601, 23500-U0602, 23500-U0603, 23500-U0610, 23500-21600, 23500-40610
TL1Z-58





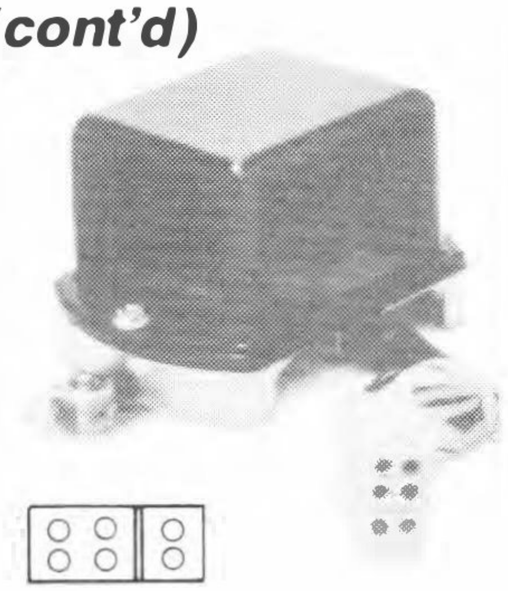
VR-1204
12 Volt Negative Ground
Mechanical 3 Spade Male Plug
REPLACES: 23500-M0100, 23500-M0101, 23500-M0110, TL1Z-53, TL1Z-60, 026000-2111





VR-1204S
12 Volt Negative Ground
Solid State 3 Spade Male Plug
Same as VR-1204 except solid state
REPLACES: 23500-M0100, 23500-M0101, 23500-M0110, TL1Z-53, TL1Z-60, 026000-2111

for Hitachi (cont'd)



VR-1205

12 Volt Negative Ground
Mechanical 6 Bullet Connector

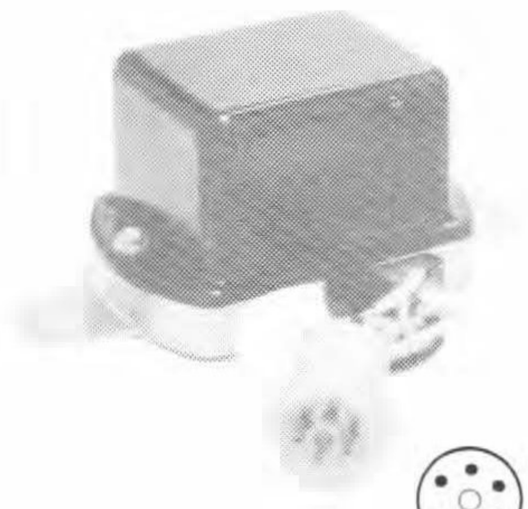
REPLACES: 23500-N6000, 23500-N6001, 23500-N6002, 23500-N6003, 23500-N6010, 23500-N6011, TL1Z-82, TL1Z-82B, TL1Z-82D, 36953108



VR-1205S

12 Volt Negative Ground
Solid State 6 Bullet Connector

Same as VR-1205 except solid state
REPLACES: 23500-N6000, 23500-N6001, 23500-N6002, 23500-N6003, 23500-N6010, 23500-N6011, TL1Z-82, TL1Z-82B, TL1Z-82D, 36953108



VR-1207

12 Volt Negative Ground
Mechanical 6 Bullet Plug

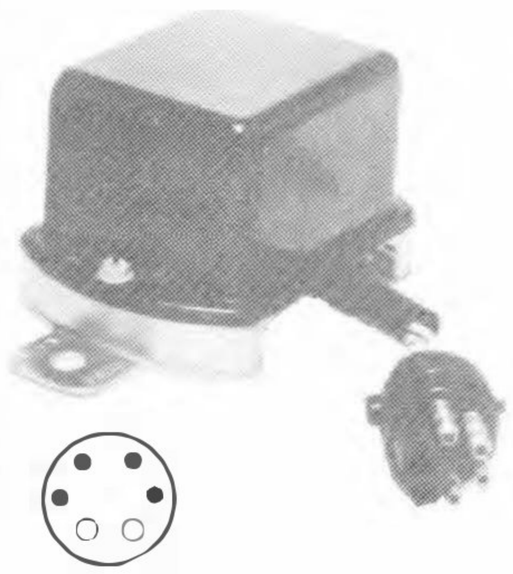
REPLACES: 23500-B8000, 23500-B8001, 23500-B8002, 23500-B8003, 23500-B8006, TL1Z-85B, TL1Z-85D



VR-1207S

12 Volt Negative Ground
Solid State 6 Bullet Plug

Same as VR-1207 except solid state
REPLACES: 23500-B8000, 23500-B8001, 23500-B8002, 23500-B8003, 23500-B8006, TL1Z-85B, TL1Z-85D



VR-1208

12 Volt Negative Ground
Mechanical 4 Male Bullet, 2 Female Bullet

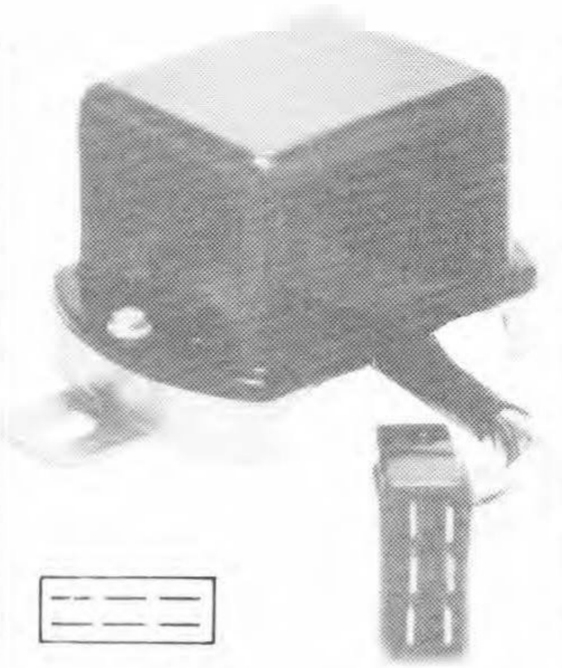
REPLACES: 23500-N2200, 23500-N2201, TL1Z-79, TL1Z-79B



VR-1208S

12 Volt Negative Ground
Solid State 4 Male Bullet, 2 Female Bullet

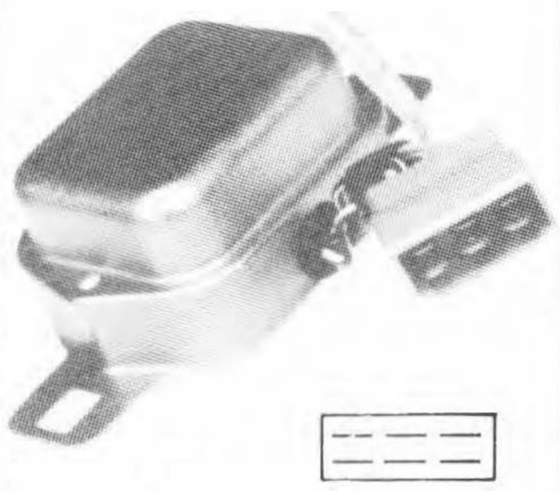
Same as VR-1208 except solid state
REPLACES: 23500-N2200, 23500-N2201, TL1Z-79, TL1Z-79B



VR-1209

12 Volt Negative Ground
Mechanical 6 Male Spade w/Auxiliary Lead

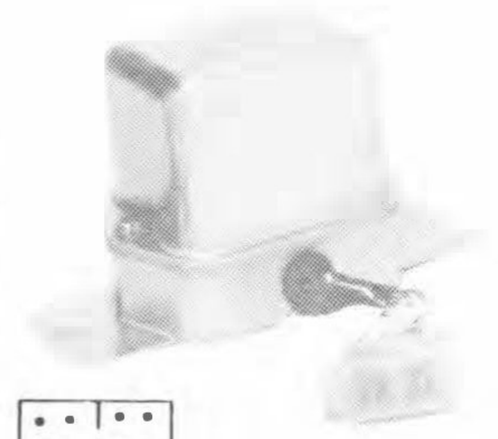
REPLACES: 32989-1800, 82789-8600, 83989-6100, 82989-8600, 83989-4110, TL1Z-27, TL1Z-54, TL1Z-65, TL1Z-74



VR-1209S

12 Volt Negative Ground
Solid State 6 Male Spade w/Auxiliary Lead

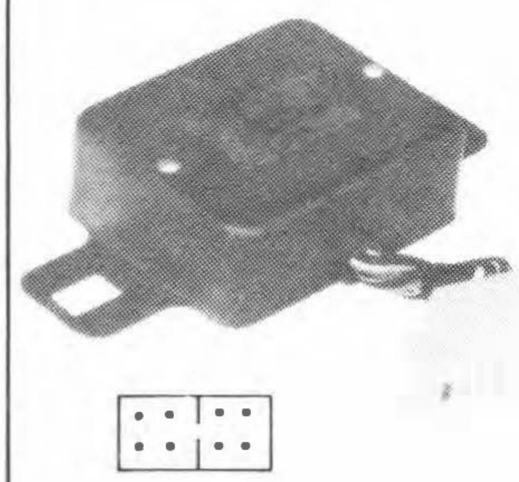
Same as VR-1209 except solid state
REPLACES: 32989-1800, 82789-8600, 82989-6100, 82989-8600, 83989-4110, TL1Z-27, TL1Z-54, TL1Z-65, TL1Z-74



VR-1210

12 Volt Negative Ground
Mechanical 8 Male Bullets

REPLACES: 32989-8100, TL1Z-90, TL1Z-90H



VR-1210S

12 Volt Negative Ground
Solid State 8 Male Bullets

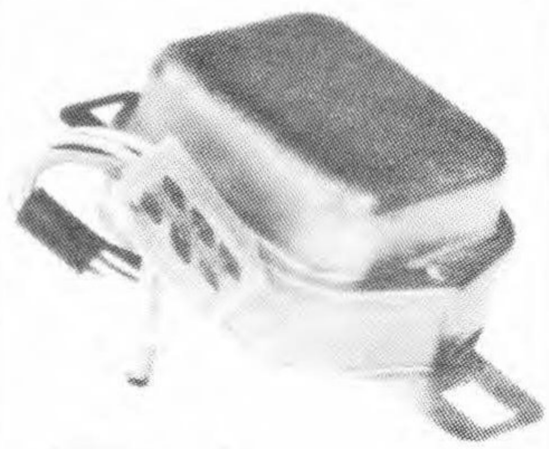
Same as VR-1210 except solid state
REPLACES: 32989-8100, TL1Z-90, TL1Z-90H



VR-1220

12 Volt Negative Ground
6 Spade w/Mechanical Auxiliary Lead

REPLACES: 8942025810, 894205960, 026000-2510, 9420-25811, 9420-5956, 36954007



VR-1220S

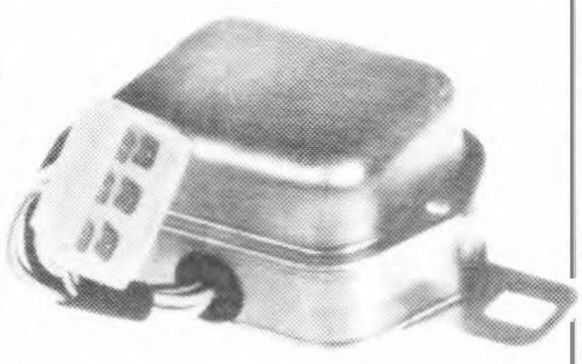
12 Volt Negative Ground
Solid State 6 Spade w/Auxiliary Lead

Same as VR-1220 except solid state
REPLACES: 8942025810, 894205960, 026000-2510, 9420-25811, 9420-5956, 36954007

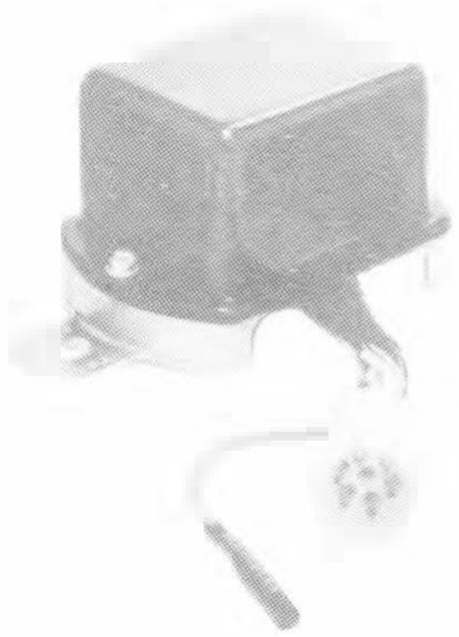
for Hitachi (cont'd)



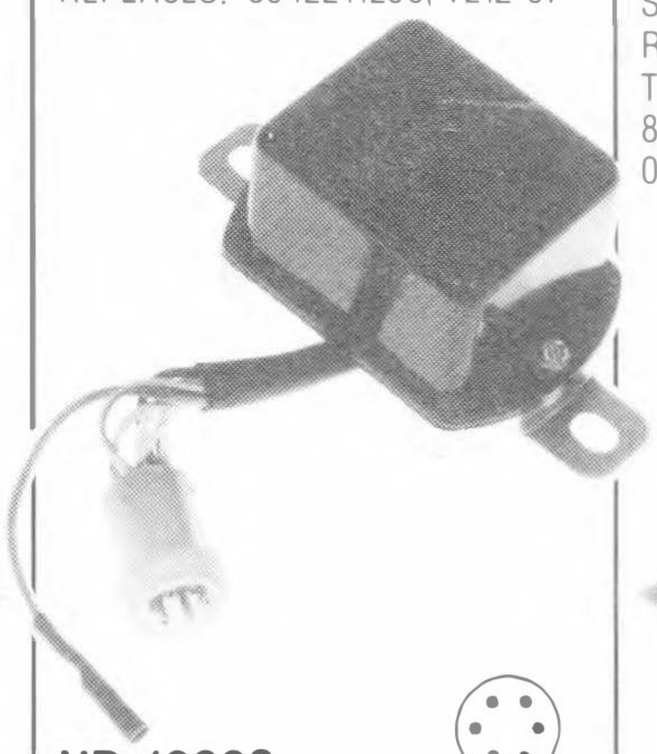
VR-1223
12 Volt Negative Ground
Mechanical 6 Spade Plug
REPLACES: 23500-L0400, N3300, N3310, 14600, 14602, 14603, 14802, 14804, 14814, 16500, 16502, 16504, 16510, 16511, 16512, 16513, 16514, 16516, 20400, 20410, 29900, 29901, 29905, 29911, 29912, 73000, 73010, 73011, 86400, 89900, 89901, 89904, 89910, 89911; TL1Z-37, 41, 57, 61; 8-397



VR-1223S
12 Volt Negative Ground
Solid State 6 Spade Plug
Same as VR-1223 except solid state
REPLACES: 23500-L0400, N3300, N3310, 14600, 14602, 14603, 14802, 14804, 14814, 16500, 16502, 16504, 16510, 16511, 16512, 16513, 16514, 16516, 20400, 20410, 29900, 29901, 29905, 29911, 29912, 73000, 73010, 73011, 86400, 89900, 89901, 89904, 89910, 89911; TL1Z-37, 41, 57, 61; 8-397



VR-1233
12 Volt Mechanical
REPLACES: 8942211290, TL1Z-97



VR-1233S
12 Volt Solid State
Same as VR-1233 except solid state
REPLACES: TL1Z-97



VR-1783
12 Volt Negative Ground
Mechanical 5 Spade w/Auxiliary Lead
REPLACES: TL1Z-46, TL1Z-48, TL1Z-66, 8225-0110, 8225-3102, 8225-3107, 9402-1595, 026000-1990



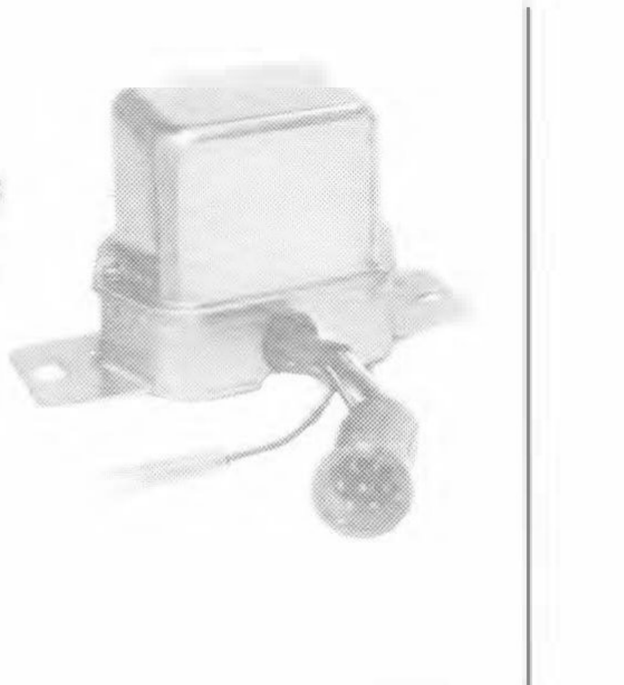
VR-1783S
12 Volt Negative Ground
Solid State 5 Spade w/Auxiliary Lead
Same as VR-1783 except solid state
REPLACES: TL1Z-46, TL1Z-48, TL1Z-66, 8225-0110, 8225-3102, 8225-3107, 9402-1595, 026000-1990



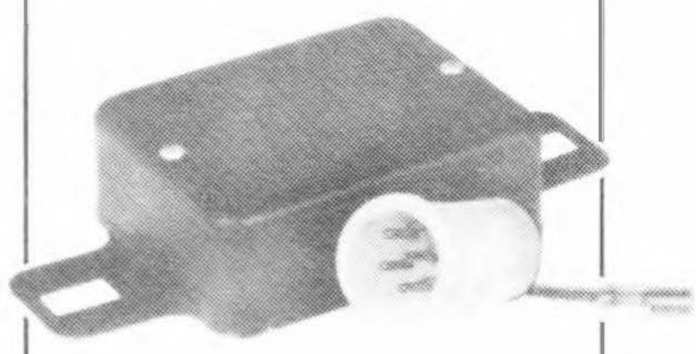
VR-1795
12 Volt Negative Ground
Solid State Replacement
REPLACES: 82789-8600, 82989-6100



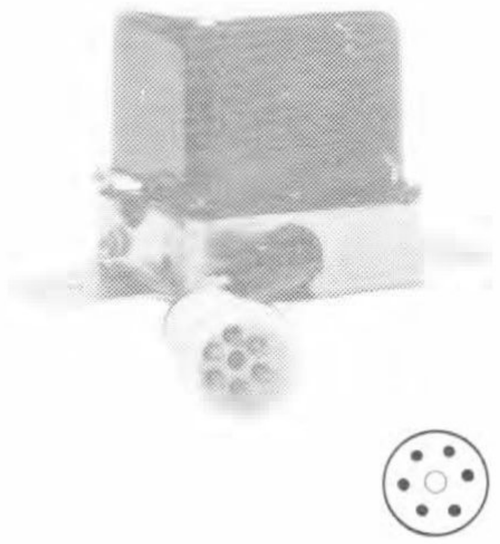
VR-1800
12 Volt Negative Ground
Integral Solid State 5 Lead
REPLACES: 23215-B8900, 23215-B9800, 23215-P2500, 23215-Q4602



VR-1801
12 Volt Negative Ground
Mechanical Round Plug w/6 Bullet Leads and Auxiliary Lead
REPLACES: 429891900, TL1Z-94

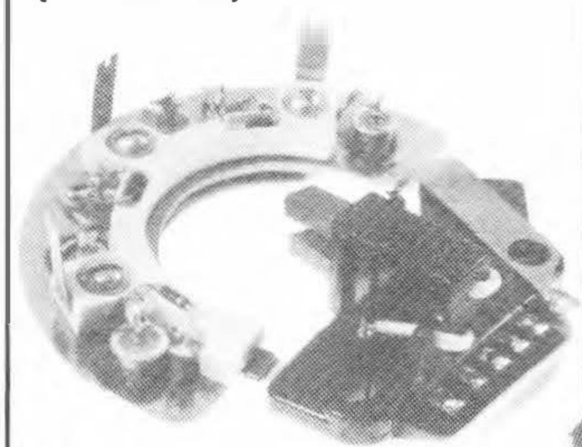


VR-1801S
12 Volt Negative Ground
Solid State
Round Plug w/6 Bullet Leads and Auxiliary Lead
Same as VR-1801 except solid state
REPLACES: 429891900, TL1Z-94



VR-2203
12 Volt Negative Ground
Mechanical
REPLACES: 9420-8462, 9422-1129

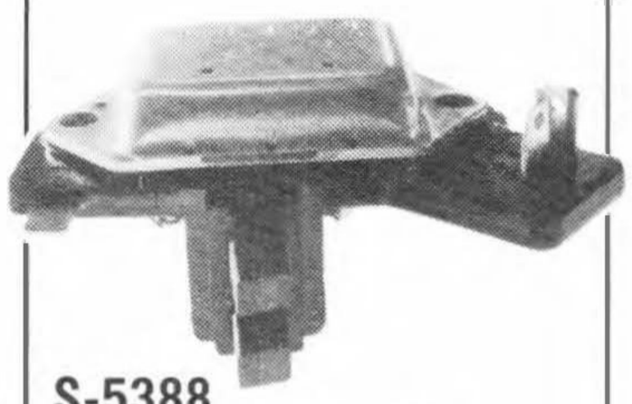
for Hitachi (cont'd)



S-5386
Diode and Regulator Assembly
FOR UNIT NO: LR-150-15B, 64, 111B; LR160-78, 78B, 82, 83, 84, 84B, 109; LR170-02; LT150-62, 113, 123; 23100-H7205, V0101, V0106, V0107, W5806, W5807; 42990-7000, 7110, 7200 & others
LESTER NO: 14303; 14592, 14612, 614 & others
REPLACES: 23133-Q4601



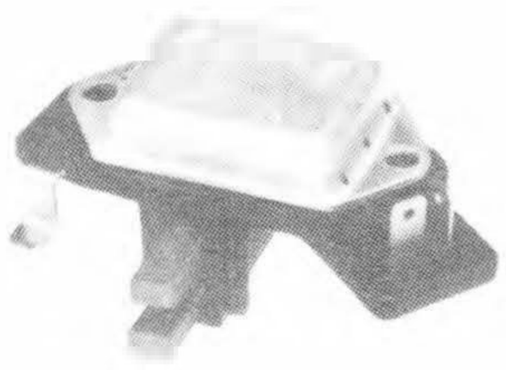
S-5396
For Unit No. 23100-V0101, LR-160-42B
LESTER NO: 14592
REPLACES: 23133-V0101



S-5388
Brush Holder and Regulator Assembly
FOR UNIT NO: LR150-15B, 64, 11B; LR160-78, 78B, 82, 83, 84, 84B, 109; LR170-02; 23100-V0101, V0106, V0107, W5806, W5807, 42990-7110 & others
LESTER NO: 14303, 14502, 14612, 14614 & others
REPLACES: 23133-P2500, P2501, Q4601, W7101; L150-63151



VR-1765
12 Volt Negative Ground
Solid State 3 Terminal
REPLACES: 37423, 37551, 37585

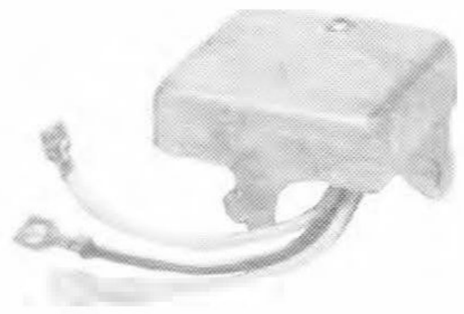


S-5395
Voltage regulator and brush holder assembly for Hitachi alternators.
Uses Ace VR-1800 voltage regulator.
FOR UNIT NO. 23100-D1700, D3300, LR-160-104
LESTER NO: 14588
REPLACES: 23133-D0200

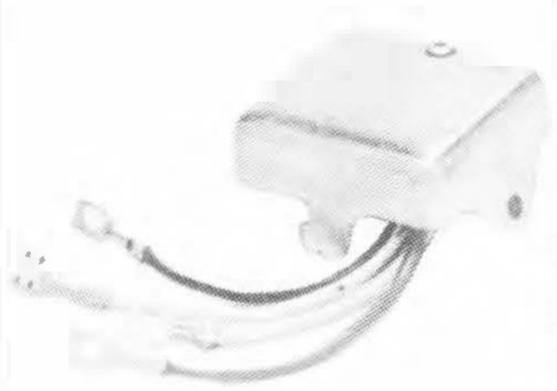


VR-1766
12 Volt Negative Ground
Solid State 3 Wire w/Hardware
Used on type 15, 16, 17 18ACR Alternators
REPLACES: 37534, 37541, 37555, 37558, 37561, 37565, 37566, 37581, 37587, 37672, UCB100X, D1RY-10316-B, D4RY-10316-A, GRE-389-A

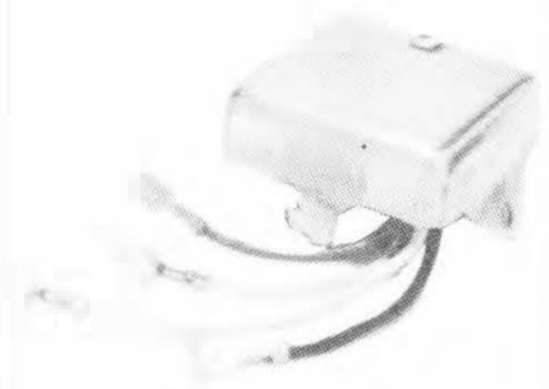
for Lucas



VR-1767
12 Volt Battery Sensed* 15, 16, 17, 18 ACR Alternator Type
Instructions and hardware supplied.
REPLACES: 37590, 37591, 37595, 37596
* Universal design regulator for 4 wire original equipment type.



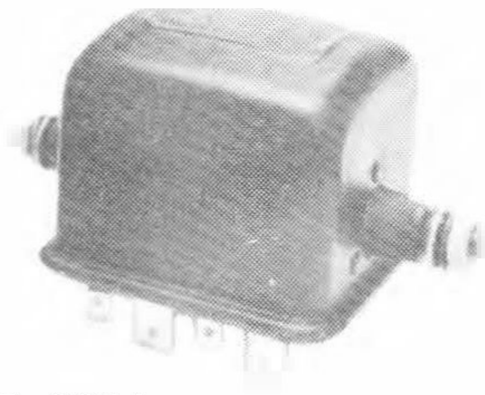
VR-2207
12 Volt Negative Ground
Solid State
REPLACES: 37610



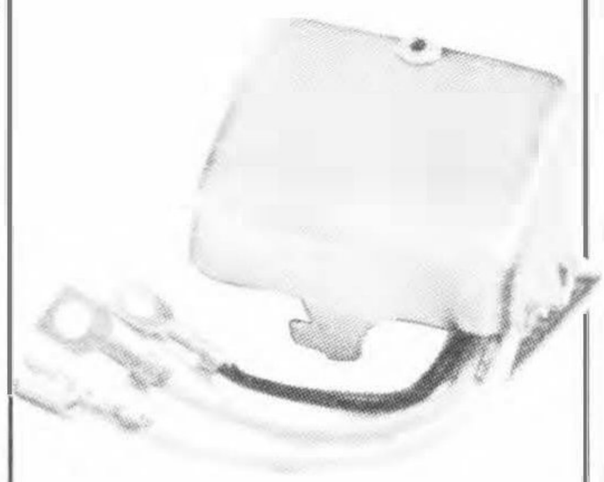
VR-2208
12 Volt Negative Ground
Solid State
REPLACES: 37579, 37602



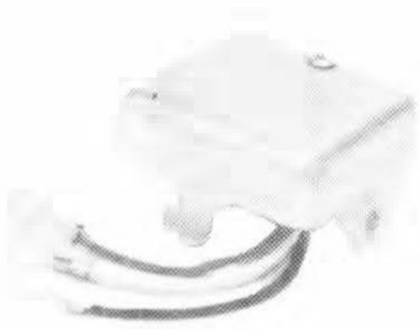
VR-2210
12 Volt Negative Ground
Mechanical
REPLACES: 37365, 37398, 37408



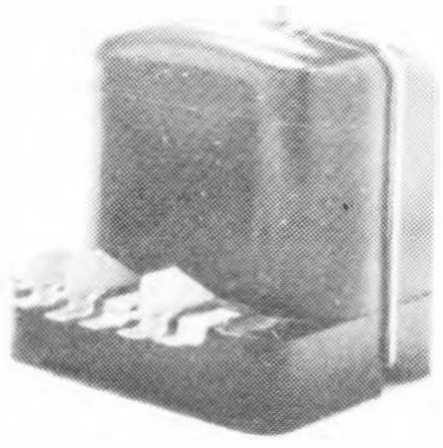
VR-2214
12 Volt Negative Ground
Mechanical
REPLACES: 37397, 37403



VR-2221
12 Volt Negative Ground
Solid State
REPLACES: 37612, 37613, 37628

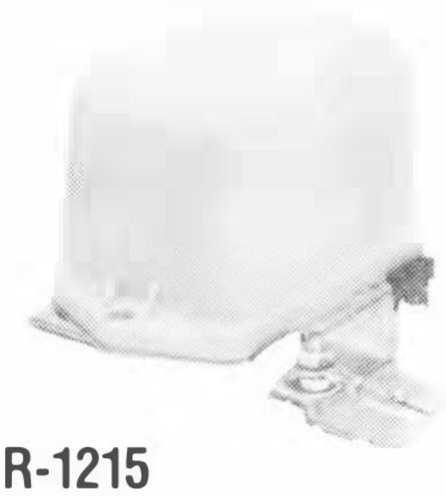


VR-2222
12 Volt Negative Ground
Solid State
REPLACES: 37611

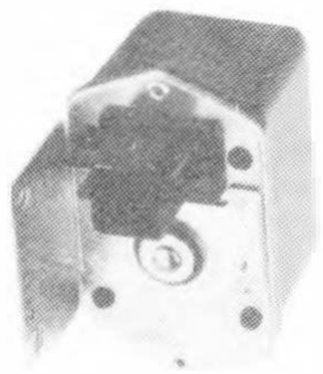


VR-2225
12 Volt Negative Ground
Mechanical
REPLACES: 37290, 105E-10505-B

for Marchal



VR-1215
12 Volt 2 Terminal
For Marchal Alternators: 71212602; 71655102; 71271202; 71635802; 71655302
REPLACES: 72610002, 72710602



VR-1216
12 Volt 3 Male Terminals
REPLACES: 72717002, 72717402



VR-1217
12 Volt 2 Terminal
REPLACES: 72610102



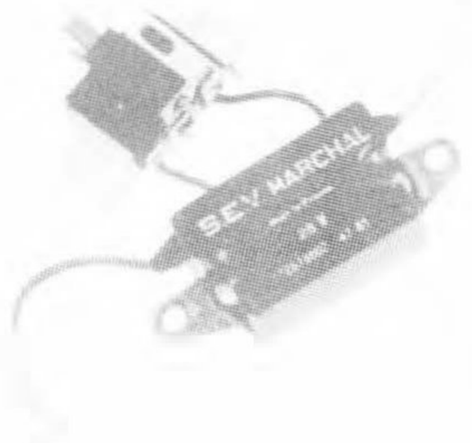
VR-1221
12 Volt Solid State
3 Wire Lead
REPLACES: 72360102, 72611402



VR-1224
12 Volt Solid State
3 Wire Lead
Used on Fred Type Alternators (Marine)
REPLACES: 72367002, 72367102, 72367802, 72563702

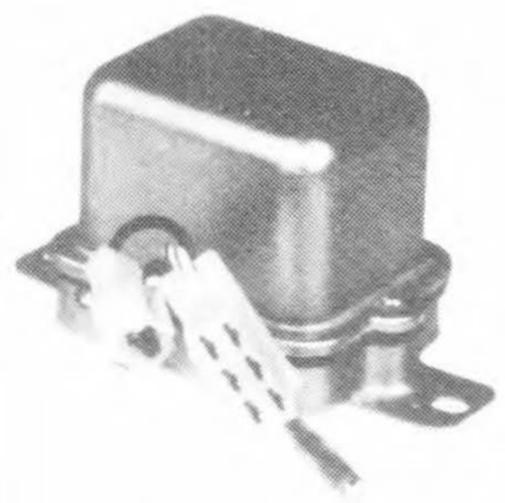


VR-1224-A
12 Volt 3 Wire Lead
35 Amp Alternators: 70229002; 70230202; 70230102; 70230002
REPLACES: 72367002, 72367102, 72367802, 72563702

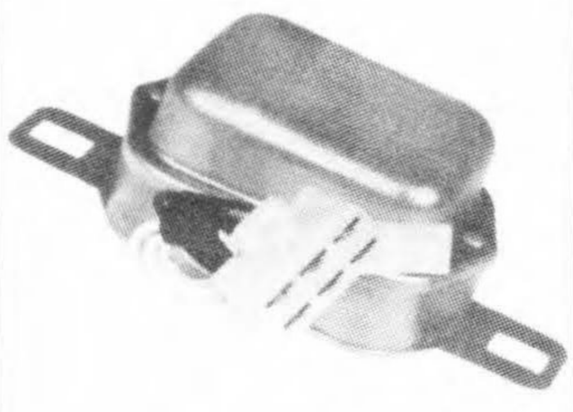


VR-1226
12 Volt Negative Ground
Integral w brush holder assembly attached 90 amp alternator
71236002
REPLACES: 72590102

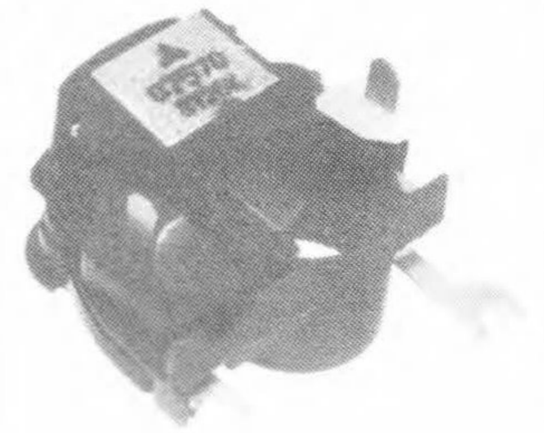
for Mazda



VR-2202
12 Volt Negative Ground
Mechanical
REPLACES: 8914-18-3910

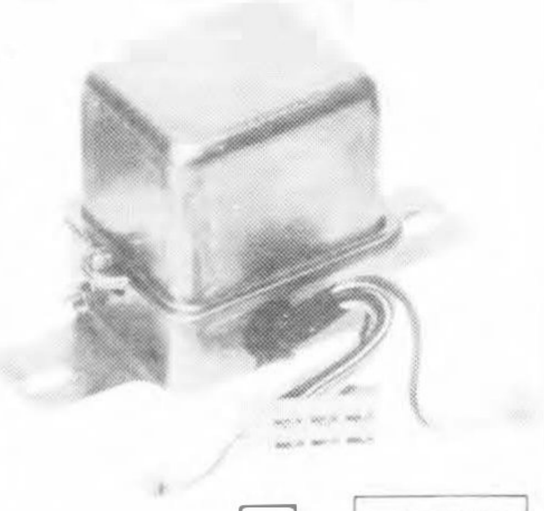


VR-2202S
12 Volt Negative Ground
Solid State
Same as VR-2202 except solid state
REPLACES: 8914-18-3910

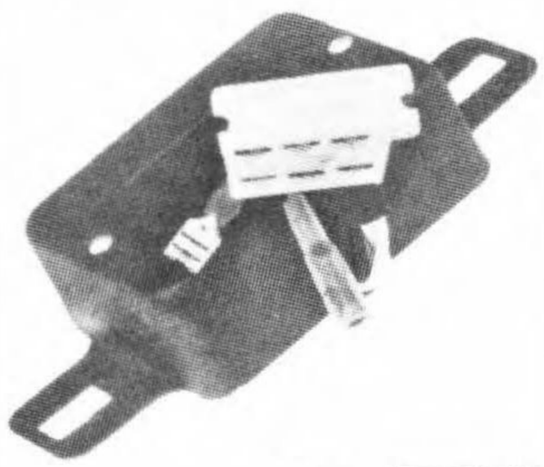


VR-2263S
12 Volt Solid State
F881 18300, B101 18300A, E357 18300; A005T 10377, 16471, 32571
REPLACES: FE85-18-W70

for Mitsubishi

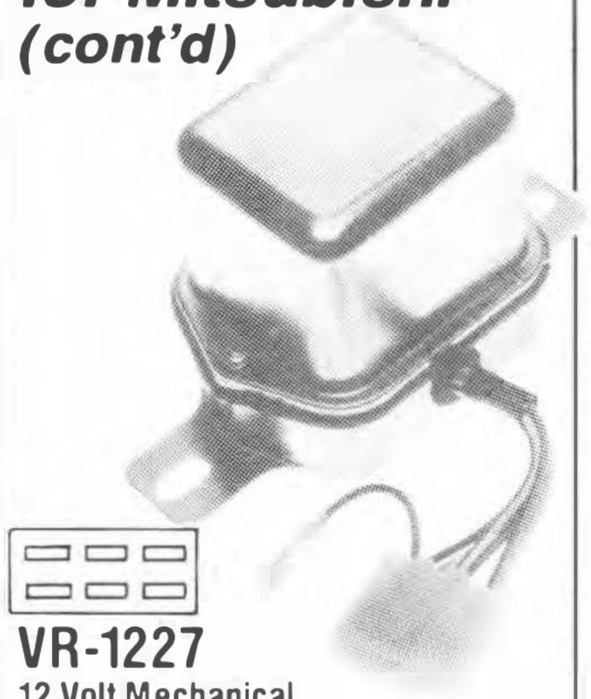


VR-1211
12 Volt Negative Ground
Mechanical 6 Female Plug
2 Auxiliary Leads
REPLACES: 045318391, 025918391, 8914183910, RLB2220AS, RLZ2220AS, 36953201, NCJ203X, D27Z-10316-A, D97Z-10316-A, GRE-304, GRE-542



VR-1211S
12 Volt Negative Ground
Solid State 6 Female Plug
2 Auxiliary Leads
Same as VR-1211 except solid state
REPLACES: 045318391, 025918391, 8914183910, RLB2220AS, RLZ2220AS, 36953201, NCJ203X, D27Z-10316-A, D97Z-10316-A, GRE-304, GRE-542

for Mitsubishi (cont'd)



VR-1227
12 Volt Mechanical
6 Female Plug and 1 Bullet Female Terminal
REPLACES: 0259-18-391, 0259-18-391-A, 0259-18-391-B, D27Z-10316-A, GRE-304, RLB-2220-A



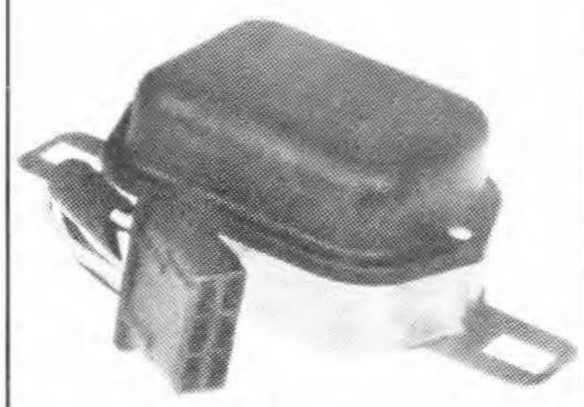
VR-1227S
12 Volt Solid State
6 Female Plug and 1 Bullet Female Terminal
Same as VR-1227 except solid state
REPLACES: 0259-18-391, 0259-18-391-A, 0259-18-391-B, D27Z-10316-A, GRE-304, RLB-2220-A



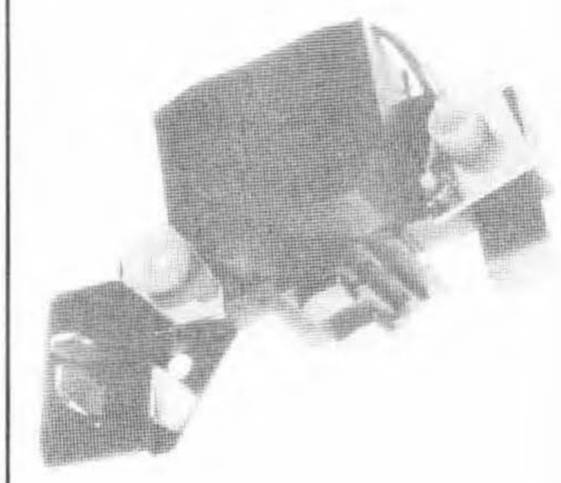
VR-1230
12 Volt Negative Ground
Solid State w/Brush Holder Assembly
REPLACES: MD607372, MD607570, E27Z-10316-A, GRE-545, N-221-24-520, 8173-24-520, A866T00470, A866T00670, A866T01970



VR-1231
12 Volt Negative Ground
Mechanical 6 Female Spades
FOR UNIT NO: MD003512; A002T15372
LESTER NO:
REPLACES: MD001821, R001T11384



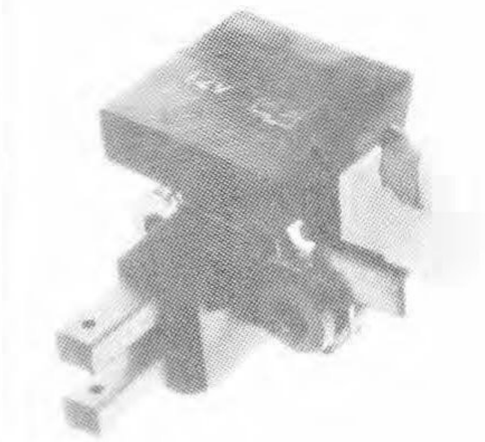
VR-1231S
12 Volt Negative Ground
Solid State 5 Female Spades
Same as VR-1231 except solid state
REPLACES: MD001821, R001T11384



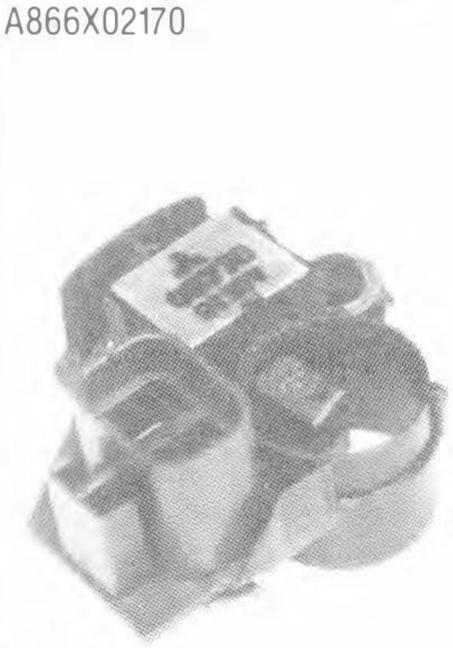
VR-1234
12 Volt
Voltage regulator and brush holder assembly for Mitsubishi alternators Using S and L terminals.
REPLACES: A866T00870, A866T02270, 857424-520, 23215-W7110



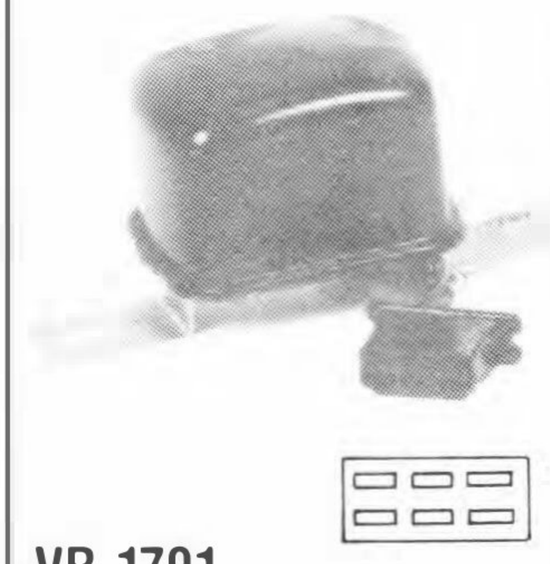
VR-1236
Regulator w/Brush Holder
FOR UNIT NO: MD013740, MD013742, MD075795; A001T33076, A001T33576, A001T33676, A002T40483, A002T40484, A005T020484; S501-18-300E, S15-18-300, SL07-18-300 & others
REPLACES: A866T03070, A866T03470; MD607619; SE2124520



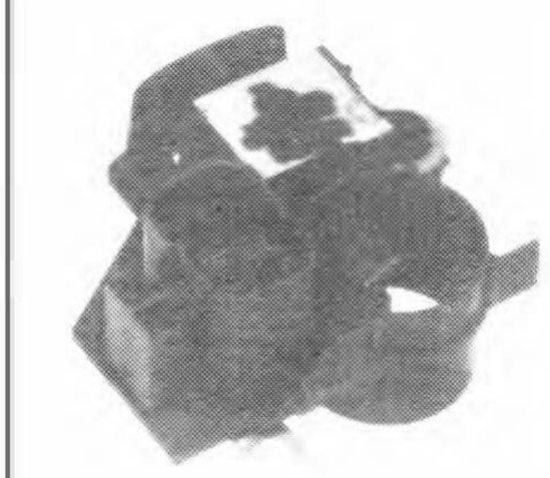
VR-1246
12 Volt Negative Ground
Solid State 2 Spade
Voltage regulator and brush holder assembly for Mitsubishi alternators
REPLACES: 8599-24-520 A866X02170



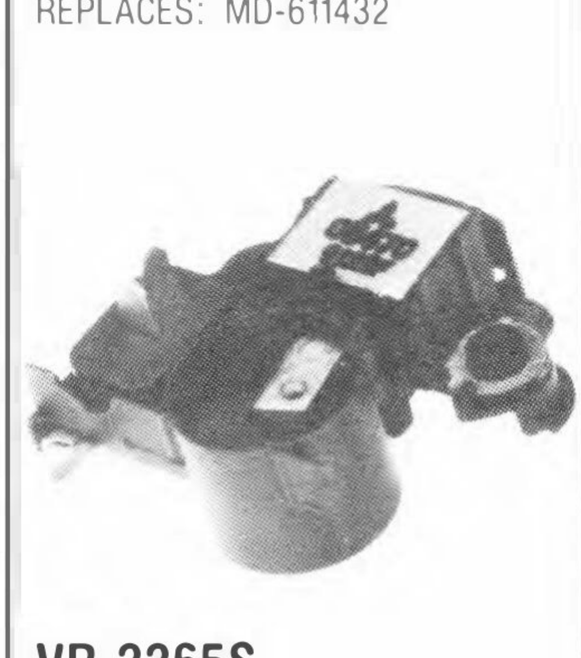
VR-1248
12 Volt Solid State
REPLACES: MD611565



VR-1791
12 Volt Solid State
5 Female Spades
REPLACES: RQB2220D1, MD001810, MD001811, MD601810, MD009080, 026000-1940, 026000-2880



VR-2264S
12 Volt Negative Ground
Solid State
FOR UNIT NO: A002T02271, 02572, 02671, 02871, 02971, 02977, 03171, 03471, 03477, 04277, 07071, 09691, 48691, 48791, 49992; MD108230, 106712, 108023, 108022, 108021, 111228, 108872, 109166, 110318, 111231, 115583, 12506, 102085, 102088, 102084
REPLACES: MD-611432



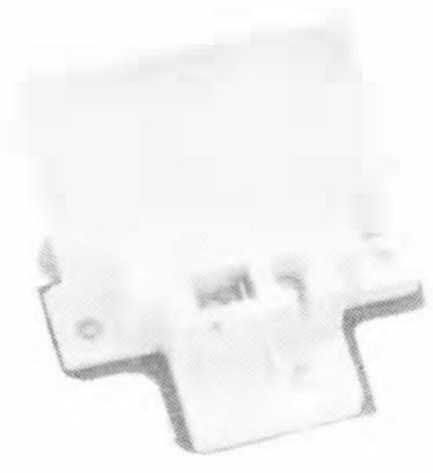
VR-2265S
12 Volt Negative Ground
Solid State
REPLACES: MD-611032

for imports

ACE™

buyers guide

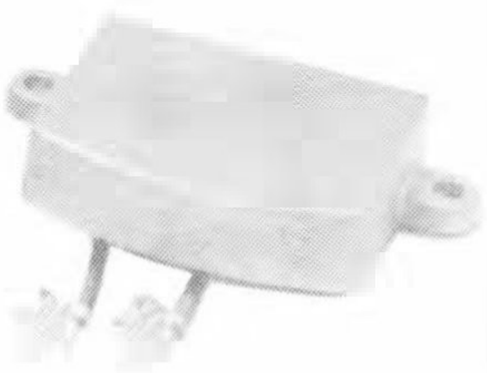
for Motorola



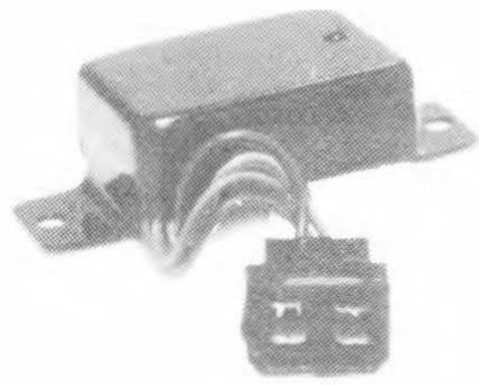
VR-1212
Alternator Regulator
12 Volt Negative Ground
REPLACES: 5-762, 8RC-2007, 126000-0050



VR-1213
Alternator Regulator
12 Volt Solid State 2 Female Leads.
REPLACES: 5-171, 5-180, 5-763, 505-9, 505-10, 505-45, 505-70, 9RC-2003, 9RC-2006, 9RC-7003, 9RC-7004, 9RH-7013

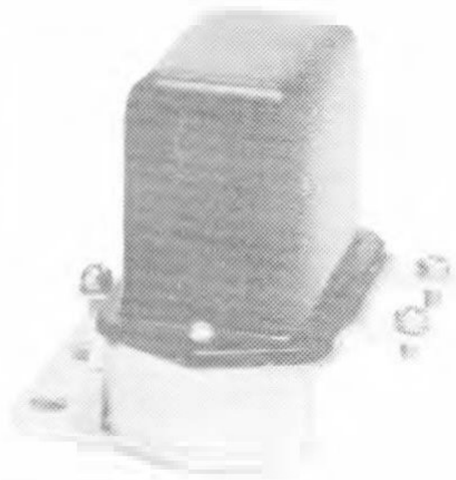


VR-1213-A
Alternator Regulator
12 Volt Solid State 2 Female Leads.
Same as VR-1213 except aftermarket. Used on Robert Bosch applications. All 9RC Series alternators.
REPLACES: 5-171, 5-180, 5-763, 505-9, 505-10, 505-45, 505-70, 9RC-2003, 9RC-2006, 9RC-7003, 9RC-7004, 9RH-7013

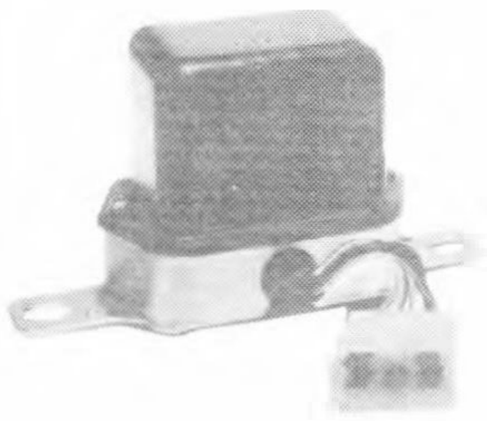


VR-1794
Alternator Regulator
12 Volt Negative Ground
4 Terminal Male Space
REPLACES: 0-190-600-017, 8RH-2001, 043-903-803A

for Nippondenso



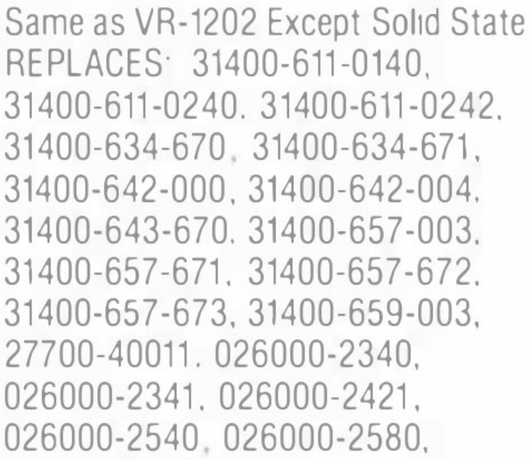
VR-1200
12 Volt Negative Ground
2 Terminals
REPLACES: 27700-40010, 27700-40011, 026000-1410, 026000-0811



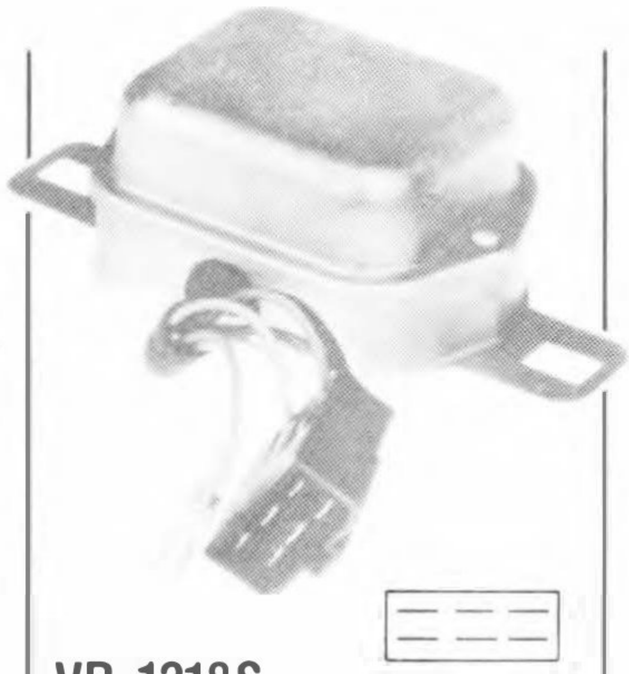
VR-1202
12 Volt Mechanical
5 Male Spade Connectors Shock Mount Base
REPLACES: 31400-611-0140, 31400-611-0240, 31400-611-0242, 31400-634-670, 31400-634-671, 31400-642-000, 31400-642-004, 31400-643-670, 31400-657-003, 31400-657-671, 31400-657-672, 31400-657-673, 31400-659-003, 27700-40011, 026000-2340, 026000-2341, 026000-2421, 026000-2540, 026000-2580, 026000-2900



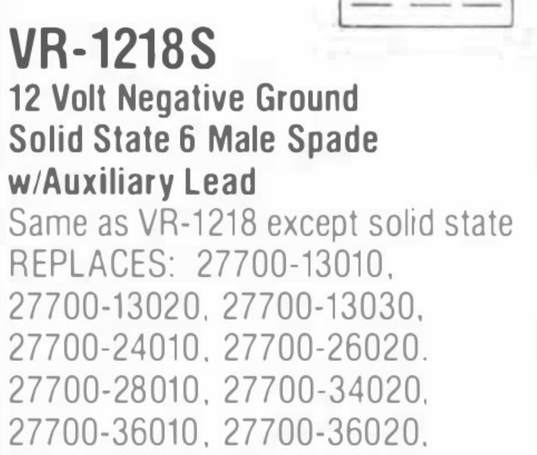
VR-1202S
12 Volt Ground Solid State
5 Male Spade Connectors Shock Mount Base
Same as VR-1202 Except Solid State
REPLACES: 31400-611-0140, 31400-611-0240, 31400-611-0242, 31400-634-670, 31400-634-671, 31400-642-000, 31400-642-004, 31400-643-670, 31400-657-003, 31400-657-671, 31400-657-672, 31400-657-673, 31400-659-003, 27700-40011, 026000-2340, 026000-2341, 026000-2421, 026000-2540, 026000-2580, 026000-2900



VR-1218
12 Volt Negative Ground
Mechanical 6 Male Spade w/Auxiliary Lead
REPLACES: 27700-13010, 27700-13020, 27700-13030, 27700-24010, 27700-26020, 27700-28010, 27700-34020, 27700-36010, 27700-36020, 27700-38010, 27700-38020, 026000-2432, 026000-2540, 026000-2680, 026000-2720, 026000-3190, 026000-3330



VR-1218S
12 Volt Negative Ground
Solid State 6 Male Spade w/Auxiliary Lead
Same as VR-1218 except solid state
REPLACES: 27700-13010, 27700-13020, 27700-13030, 27700-24010, 27700-26020, 27700-28010, 27700-34020, 27700-36010, 27700-36020, 27700-38010, 27700-38020, 026000-2432, 026000-2540, 026000-2680, 026000-2720, 026000-3190, 026000-3330

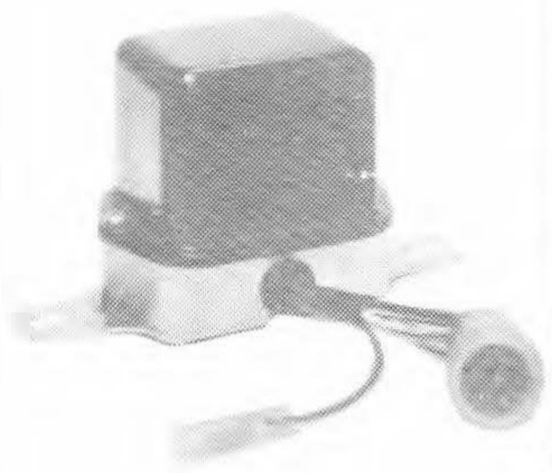


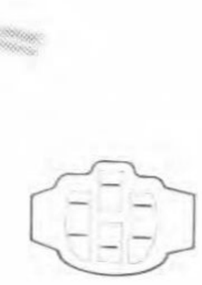
VR-1225
12 Volt Negative Ground
Mechanical
REPLACES: 27700-13060, 026000-3851



VR-1225S
12 Volt Negative Ground
Solid State
Same as VR-1225 except solid state
REPLACES: 27700-13060, 026000-3851

for Nippondenso (cont'd)



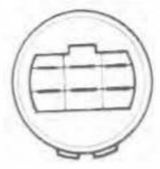


VR-1228
12 Volt Negative Ground
Mechanical
Used on Opel Vehicles with Isuzu Engines
REPLACES: 94208462, 026000-1700

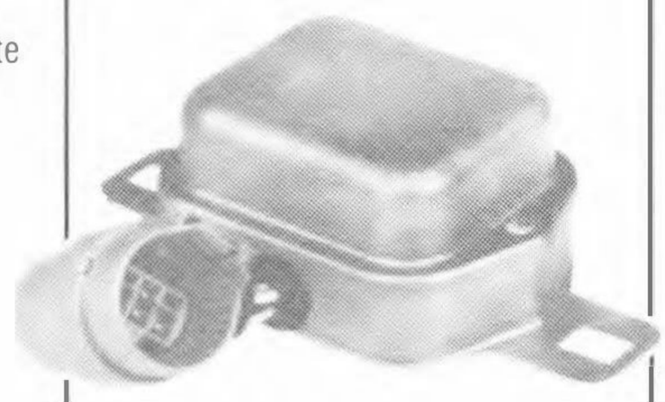


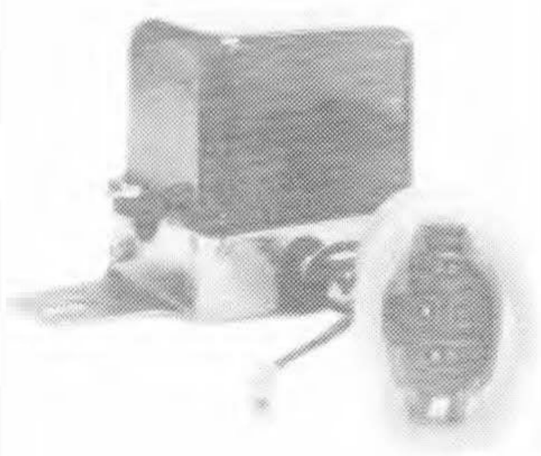
VR-1232S
12 Volt Solid State
Same as VR-1232 except solid state
REPLACES: 026000-2930, 026000-2940, 026000-2960, 026000-3210, 026000-3220, 026000-3300, 026000-3320, 026000-3420, 026000-3430, 026000-3500, 026000-3610, 026000-3660, 026000-3680, 27700-24020, 27700-26030, 27700-27010, 27700-27040, 27700-27050, 27700-28020, 27700-31021, 27700-38040, 27700-38050, 27700-38060, 27700-38070, 27700-38080, 27700-38081, 27700-38120





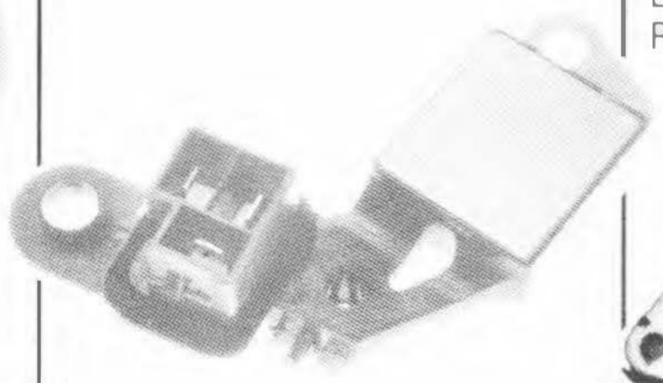
VR-1242
12 Volt Mechanical
FOR UNIT NO. 27060-13011
LESTER NO: 14345
REPLACES: 27700-13090



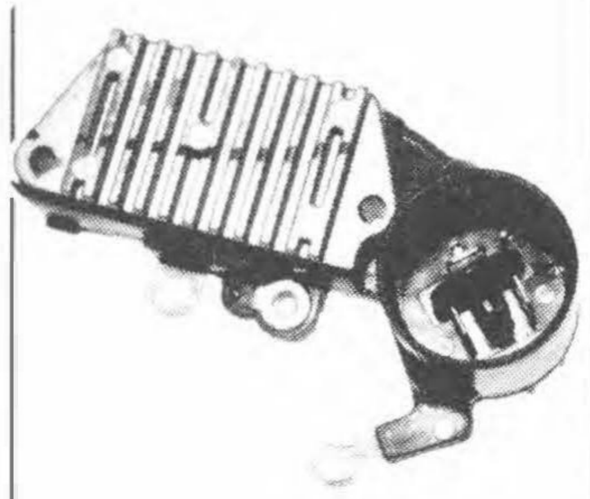




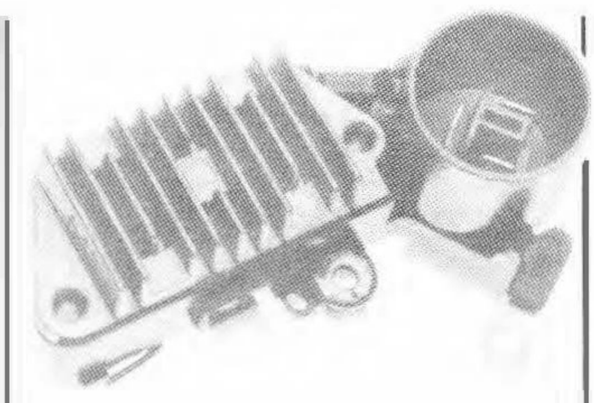
VR-1232
12 Volt Mechanical
REPLACES: 026000-2930, 026000-2940, 026000-2960, 026000-3210, 026000-3220, 026000-3300, 026000-3320, 026000-3420, 026000-3430, 026000-3500, 026000-3610, 026000-3660, 026000-3680, 27700-24020, 27700-26030, 27700-27010, 27700-27040, 27700-27050, 27700-28020, 27700-31021, 27700-38040, 27700-38050, 27700-38060, 27700-38070, 27700-38080, 27700-38081, 27700-38120



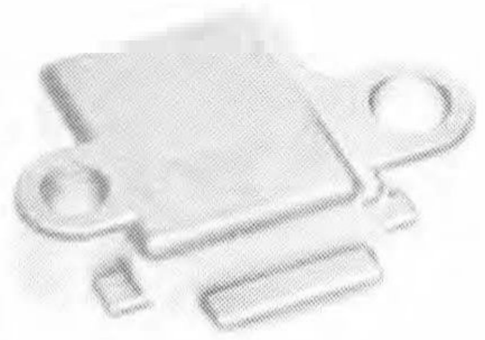
VR-1240
12 Volt
FOR UNIT NO. (NPD) 100211-0090, 0270; (TOY) 27060-15011, 43020 and others
LESTER NO: 13169, 14341 and others
REPLACES: 2770-43010, 36953051



VR-1243
12 Volt
FOR UNIT NO. 27060-63020, 72010 and others
REPLACES: 31150-PD1-004, 126000-0340, 126000-0400, 27700-63020, 27700-63021



VR-1244
12 Volt Negative Ground
3 Spade Solid State
FOR UNIT NO. HON #311000-PEO-0030, NPD #100211-1270
LESTER NO: 14757
REPLACES: 31500-PEO-0030, 126000-0430

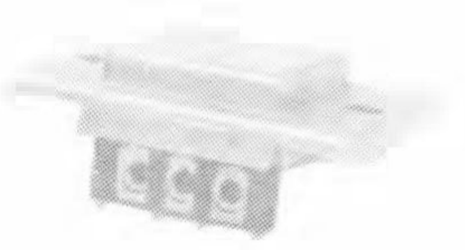


VR-1245
12 Volt Negative Ground
3 Spade
FOR UNIT NO. 100213-0080, 0130, 0201, 0220, 0230, 0250; 27020-64010; 27040-54010, 54020, 54030, 54040, 54050
REPLACES: 126000-0180, 27700-57060

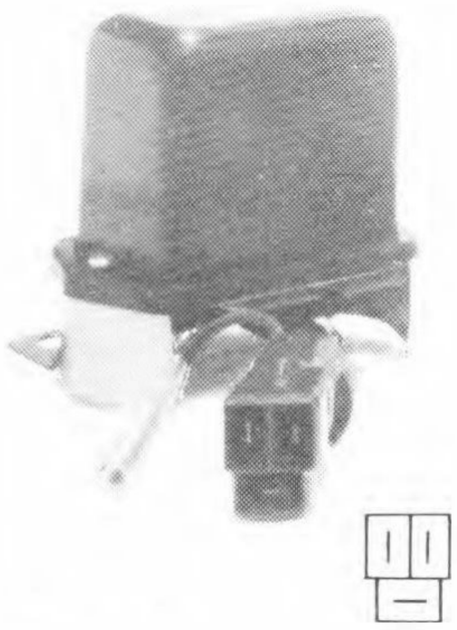


VR-1793
12 Volt Negative Ground
Solid State 5 Male Spade w/External lead
REPLACES: 026000-1103, 026000-1202, 026000-1321, 026000-1341, 026000-1730, 026000-1740, 026000-1741, 026000-1750, 026000-1871, 026000-2430, 026000-2431, 27700-22010, 27700-22011, 27700-31010, 27700-31011, 27700-33010, 27700-33011, 27700-40020, 27700-40021, 27700-51010

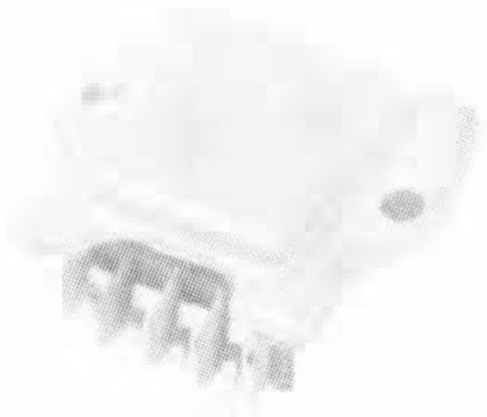
for Nippondenso (cont'd)



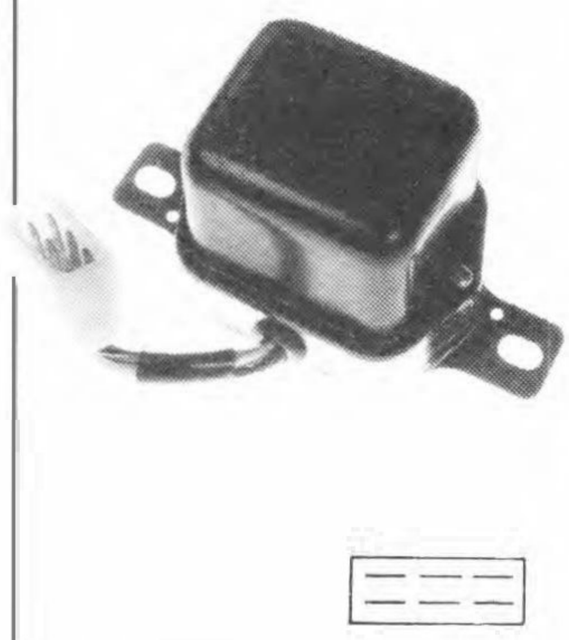
VR-1802
12 Volt Negative Ground
Solid State
REPLACES: 126000-0100, 126000-0120, 100211-0030, 100211-0040, 100211-0240, 27700-38100, 27700-41050, 27700-45020, 27700-45021



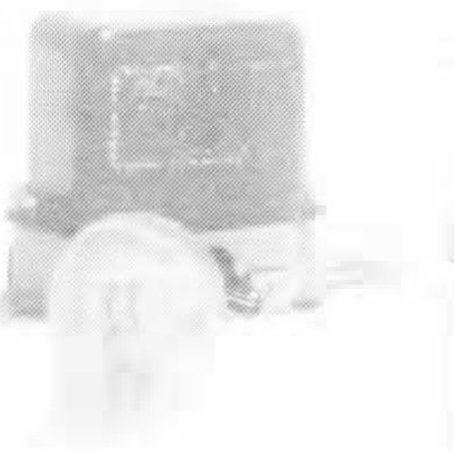
VR-2205
12 Volt Negative Ground
Mechanical
REPLACES: 026000-2950, 27700-601000



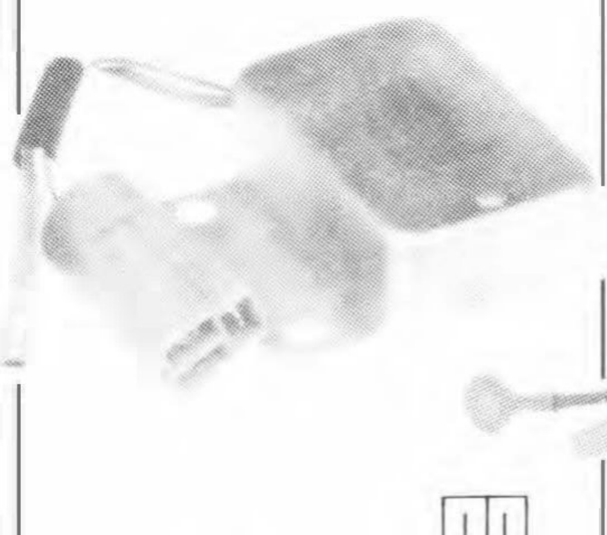
VR-2212
12 Volt Negative Ground
Mechanical
REPLACES: 126000-0050



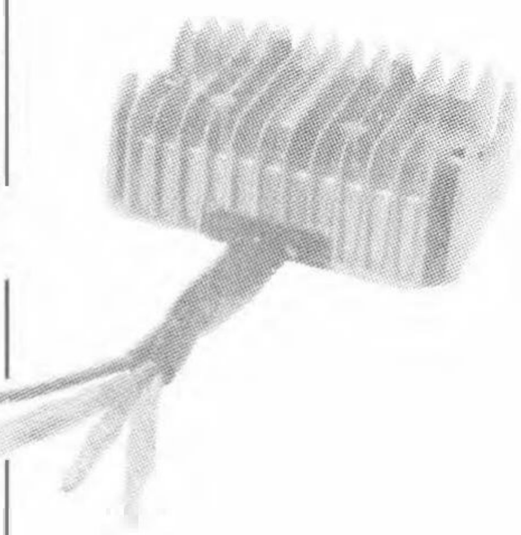
VR-2216
12 Volt Negative Ground
Mechanical
REPLACES: 33251-7401-0, 70000-6539-8, 026000-2121



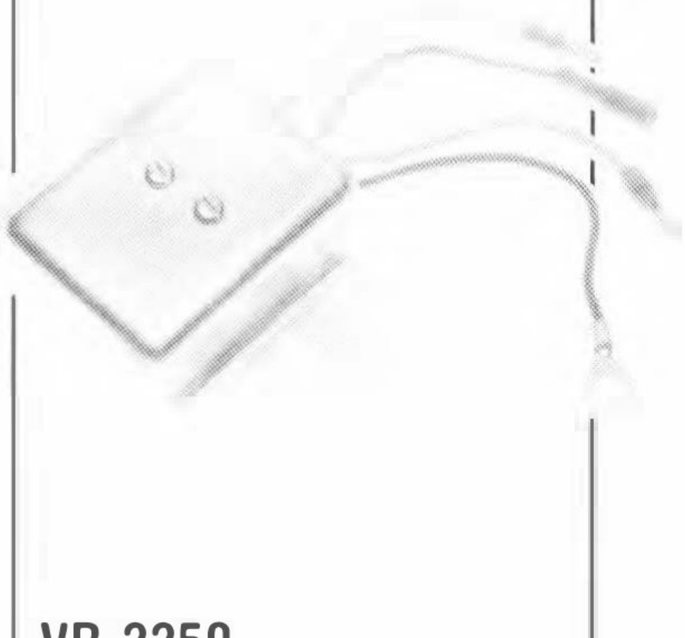
VR-2204
12 Volt Negative Ground
Mechanical
REPLACES: 31400-SAO-671, 31400-SAO-672



VR-2205S
12 Volt Negative Ground
Solid State
Same as VR-2205 except solid state
REPLACES: 026000-2950, 27700-601000



VR-2213
12 Volt Negative Ground
Mechanical
REPLACES: 15372-6460-0, 126000-2121



VR-2250
12 Volt Negative Ground
Rectifier regulator for Nippondenso alternators. For Kubota B series permanent magnet rotor alternators
REPLACES: 15372-64600



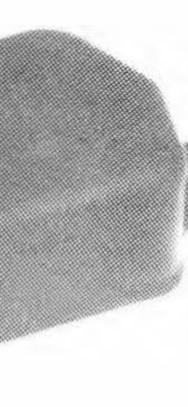
VR-2204S
12 Volt Negative Ground
Solid State
Same as VR-2204 except solid state
REPLACES: 31400-SAO-671, 31400-SAO-672



VR-2211
12 Volt Negative Ground
Mechanical
REPLACES: 026000-3260



VR-2215
24 Volt Negative Ground
Mechanical
Alternator 021000-4271 Mitsui-Deutz F4L912, F5L912, F6912
REPLACES: 126000-3010

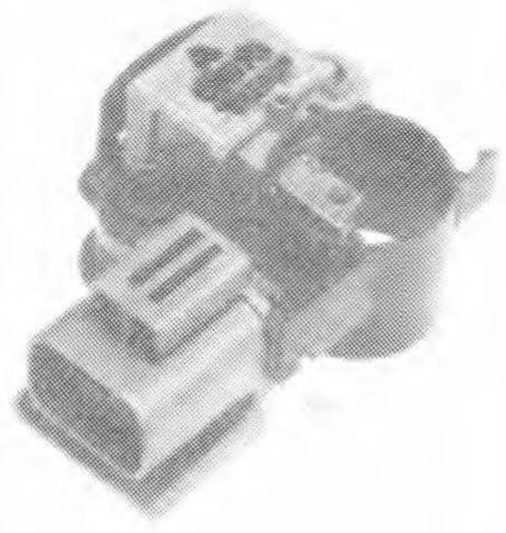


VR-2268S
12 Volt Negative Ground
Solid State "A" Circuit, 5 Pin Plug
FOR UNIT NO: 35050, 38110, 38111
LESTER NO: 14274, 14552
REPLACES: 27700-38110 27700-38111, 27700-38113

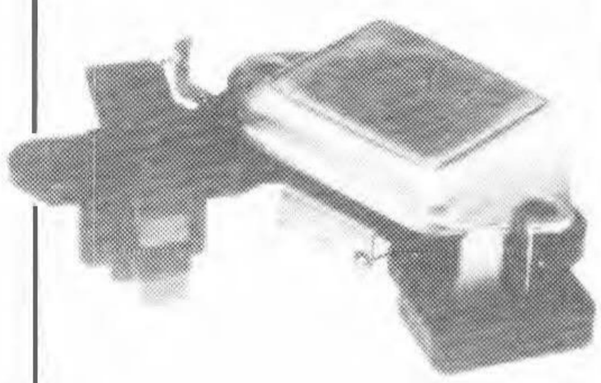
voltage regulators for imports

buyers guide

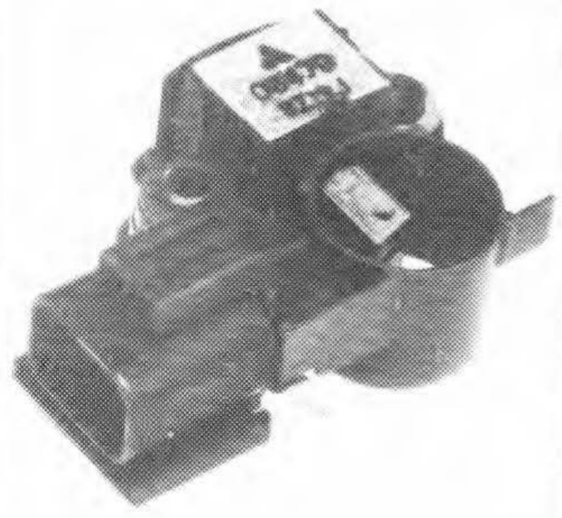
for Nissan



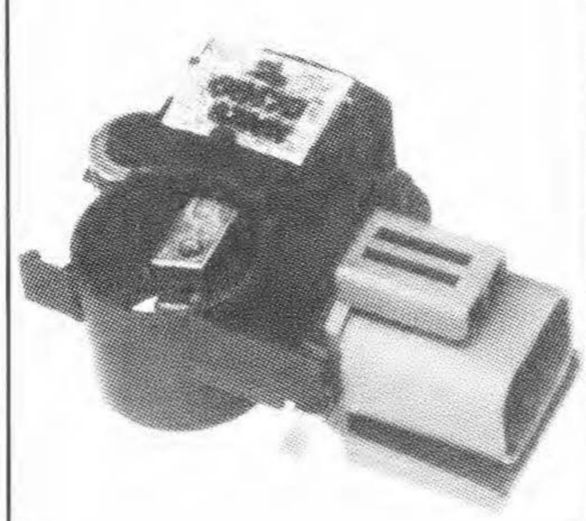
VR-1247S
12 Volt Negative Ground
REPLACES: 23215-17B10



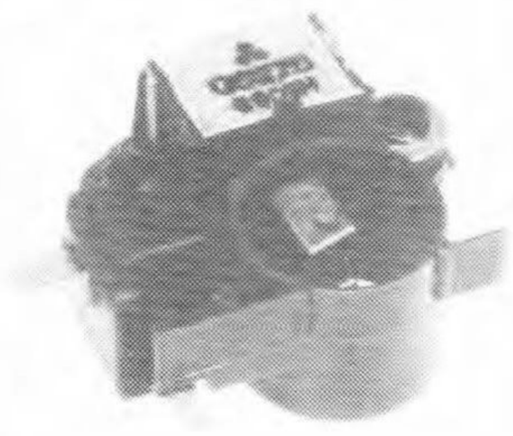
VR-1253S
12 Volt Solid State
Regulator and Brush Holder Assembly
REPLACES: 23133-P3006



VR-2260S
12 Volt Negative Ground
Solid State
FOR UNIT NO: 23100-08E10, 08E11, 08E15, 08E16; A002T45771, 45799
REPLACES: 23133-08E15

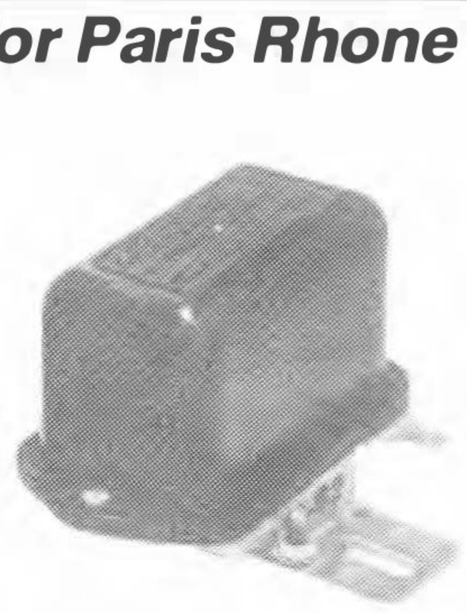


VR-2261S
12 Volt Negative Ground
Solid State
FOR UNIT NO: 23100-53A10, 53A11, 56A11; A005T41592, 41592B, 41792
REPLACES: 23215-58S10

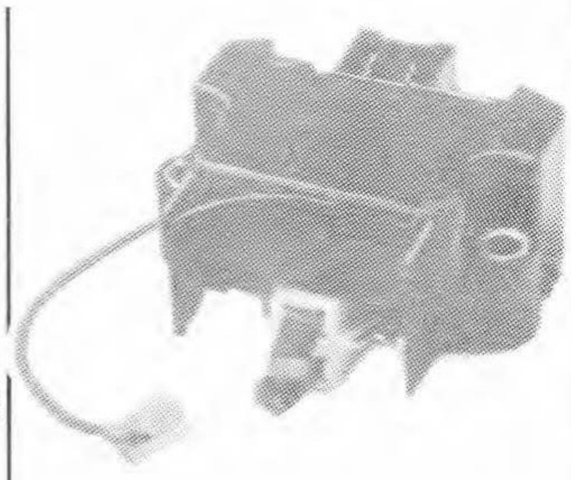


VR-2262S
12 Volt Negative Ground
Solid State
FOR UNIT NO: 23100-04F10, 04F11; A002T45272
REPLACES: 23133-04F10

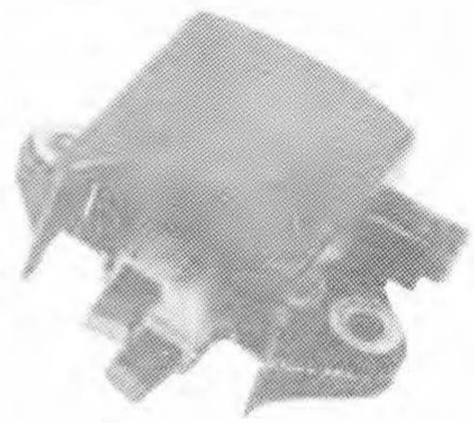
for Paris Rhone



VR-1214
12 Volt 2 Terminal 5-Amp
REPLACES: 96.731Y, 95.394N, AYB-2119, AYB-2124, AYB-2116



VR-1219
12 Volt Positive Ground
Solid State w/Brush Holder
FOR UNIT NO: A13R-243, 231, 235
REPLACES: YH-1649, YH-1652, YL-122, YL-129, YL-149, YL-152, 92.860, 92.927, 182.005, 300.806A, 300.868, 300.901, 7701028400, 7701348589



VR-2200
12 Volt Negative Ground
Solid State w/Brush Holder
REPLACES: YL-127, 92.913H

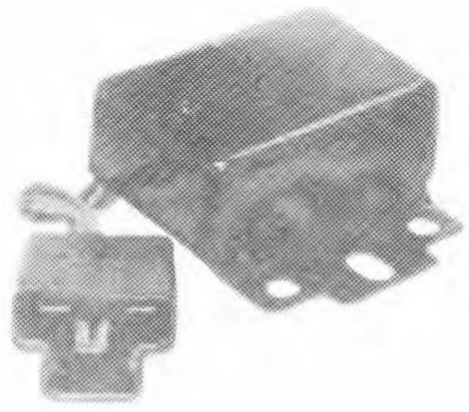
for Robert Bosch

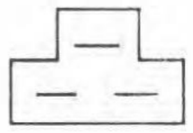


14910 or VR-1310
6 Volt Negative Ground
2 Unit Type
FOR UNIT NO: V.W. 111-903-801C, 113-903-801B, E, 113-903-803
REPLACES: 0-190-213-001, 0-190-213-013, 0-190-213-010, 0-190-213-015, 0-190-213-031, 0-190-213-032, 0-190-213-036, 111-903-801-A, 111-903-801-C, 111-903-801-D, 113-903-801-E, GR-355, GR-358, GRE-358, 8-232



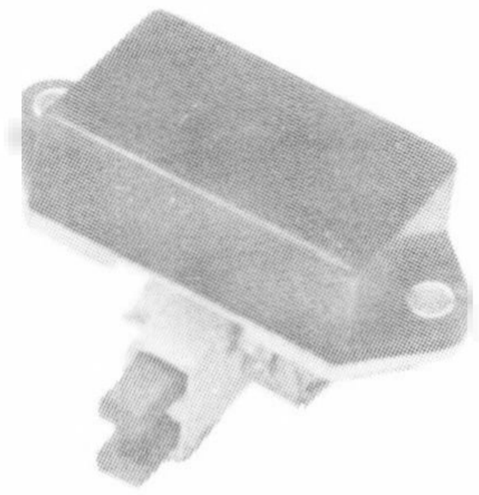
14912
12 Volt Negative Ground
2 Unit Type
FOR UNIT NO: V.W. 113-903-803E; 211-903-803B; 211-903-803
REPLACES: 0-190-350-015, 0-190-350-034, 0-190-350-038, 0-190-350-064, 0-190-350-068, 0-190-350-069, 0-190-350-079, 111-903-803E, 113-903-801F, 211-903-803E, LM-625, GRE-394, 8-372



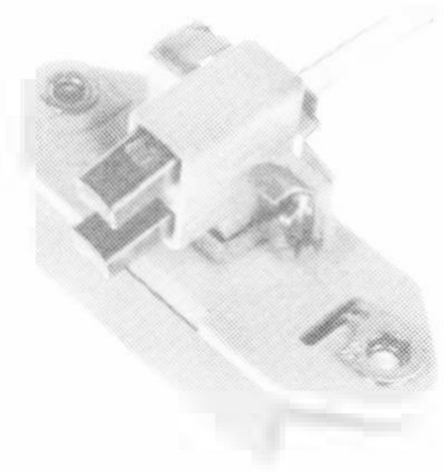


VR-1303
12 Volt Negative Ground
Solid State 3 Terminal
REPLACES: 0-190-062-002, 0-190-600-001, 0-190-600-003, 0-190-600-004, 0-190-600-005, 0-190-600-007, 0-190-600-008, 0-190-600-009, 0-190-600-010, 0-190-600-011, 0-190-600-016, 0-190-600-110, 0-190-601-001, 0-190-601-003, 0-190-601-006, 0-190-601-009, 0-190-601-010, 0-190-601-011, 0-190-601-012, 0-190-601-013, 0-190-601-017, 0-190-601-018, 72316102, 72317102, 021-903-803A, 028-903-803

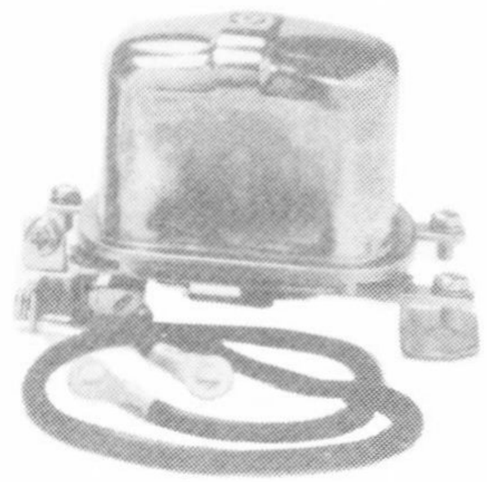
for Robert Bosch (cont'd)



VR-1796
12 Volt Negative Ground
Solid State w/Brush Holder
REPLACES: 0-192-052-001, 0-192-052-004, 0-192-052-005, 0-192-052-006, 0-192-052-008, 0-192-052-011, 0-192-052-017, 1-192-052-001, 1-192-052-004, 1-192-052-005, 1-192-052-006, 1-192-052-011, 1-192-052-013, 1-192-052-014, 1-192-052-017, 1-192-052-019, 028-903-803A



VR-1799
12 Volt Negative Ground
Solid State w/Brush Holder
FOR UNIT NO. 0-120-489-565 and others
LESTER NO: 13080 and others
REPLACES: 0-192-052-007, 0-192-052-008



VR-2217
6 Volt Negative Ground
Mechanical
REPLACES: 0-190-300-030, 0-190-350-010, 0-190-350-011, 0-190-350-012, 0-190-350-018, 0-190-350-019, 0-190-350-020, 0-190-350-029, 0-190-350-030

voltage regulators cross reference

AMERICAN MOTORS

ORIGINAL NO.	ACE NO.
3142885	VR-2175
3145335	13921
3257207	VR-2197
3162133	VR-2197
3167360	VR-1752
3171141	VR-1752
3178581	VR-1752
3181695	VR-1754
3182829	VR-1754
3182898	VR-1754
3183962	VR-1754
3194527	VR-1754
3195001	VR-1755
3195003	VR-1755
3208345	VR-1752
3210300	VR-1760
3211952	VR-1755
3219357	VR-1760
3223250	VR-1760
3229408	VR-1784
3257207	VR-2197
5456934	VR-1760

AMERICAN BOSCH

ORIGINAL NO.	ACE NO.
RAB-12-1	11710
RAB-12-2	VR-1753
RAB-12-3	VR-1754
RAB-12-4	VR-1755
RAB-12-5	12724
RAB-12-6	VR-1760
RAB-12-7	VR-1749
RAB-12-8	VR-1752
RAB-12-9	VR-1770
RAB-12-10	VR-1702
RAB-12-11	13703
RAB-12-12	13701
RAB-12-14	VR-1769
RAB-12-15	VR-1781
RAB-12-16	VR-1792
RAB-12-17	VR-1793
RAB-12-18	VR-1749
RFT-6-1	12941
RFT-6-4	13909
RFT-6-5	13911
RFT-12-1	12961
RFT-12-2	13913
RFT-12-3	13914
RFT-12-4	13915
RFT-12-5	13917
RGD-6-1	12941
RGD-12-10	12961
RGD-12-10A	12961
RGS-6-113	11974
RGS-6-114	VR-2107
RGS-12-104	13921
RGS-12-108	VR-2192
RGS-12-115	13927
RGS-12-118-1	VR-1303
RGT-6-2	14910
RGT-12-2	14912
RGT-12-3	VR-1303

CHRYSLER

ORIGINAL NO.	ACE NO.
1343753	VR-2175
1502074	VR-2175
1571161	11974
1641510	VR-2175
1642333	VR-2192
1842798	VR-2192
1889944	VR-2192
1889960	11710
2094341	VR-2192
2095209	11974
2095211	VR-2135
2095700	11710
2098300	11710
2444980	VR-1712
3000074	VR-1710
3438150	VR-1749
3755850	VR-1749
3755960	VR-1749
3874520	VR-1749
4091050	VR-1749

CHRYSLER (cont'd)

ORIGINAL NO.	ACE NO.
4111990	VR-1749
CH-504	VR-2192
CH-515	VR-2175
CH-521	VR-2192
CH-524	11710
CH-526	13691
CH-531	VR-1712
CH-532	VR-1710
CH-537	VR-1749
CH-541	VR-1749
CH-542	VR-1749
CH-543	VR-1749
CH-4006	VR-1710

DATSUN

ORIGINAL NO.	ACE NO.
23215-B8900	VR-1800
23215-B9800	VR-1800
23215-P2500	VR-1800
23500-6400	VR-1223
23500-7300	VR-1223
23500-8990	VR-1792
23500-B8000	VR-1207
23500-B8001	VR-1207
23500-B8002	VR-1207
23500-B8003	VR-1207
23500-B8006	VR-1207
23500-L0400	VR-1223
23500-M0100	VR-1204
23500-M0101	VR-1204
23500-M0110	VR-1204
23500-N2200	VR-1208
23500-N2201	VR-1208
23500-N3300	VR-1223
23500-N3310	VR-1223
23500-N6000	VR-1205
23500-N6001	VR-1205
23500-N6002	VR-1205
23500-N6003	VR-1205
23500-U0600	VR-1203
23500-U0601	VR-1203
23500-U0602	VR-1203
23500-U0603	VR-1203
23500-U0610	VR-1203
23500-14600	VR-1223
23500-14602	VR-1223
23500-14802	VR-1223
23500-14803	VR-1223
23500-14804	VR-1223
23500-14814	VR-1223
23500-16500	VR-1223
23500-16502	VR-1223
23500-16503	VR-1223
23500-16504	VR-1223
23500-16510	VR-1223
23500-16511	VR-1223
23500-16512	VR-1223
23500-16513	VR-1223
23500-16514	VR-1223
23500-16516	VR-1223
23500-20400	VR-1223
23500-20410	VR-1223
23500-21600	VR-1203
23500-29900	VR-1223
23500-29901	VR-1223
23500-29902	VR-1223
23500-29905	VR-1223
23500-29911	VR-1223
23500-29912	VR-1223
23500-40610	VR-1203
23500-73000	VR-1223
23500-73010	VR-1223
23500-73011	VR-1223
23500-86400	VR-1223
23500-89900	VR-1223
23500-89901	VR-1223
23500-89904	VR-1223
23500-89910	VR-1223

DELCO-REMY

ORIGINAL NO.	ACE NO.
D-600	VR-2107
D-601	VR-2107
D-602	VR-2110
D-603	VR-2103
D-604	VR-2110

DELCO-REMY (cont'd)

ORIGINAL NO.	ACE NO.
D-605	VR-2108
D-606	VR-2108
D-607	VR-2110
D-608	VR-2110
D-609	VR-2108
D-610	VR-2110
D-611	13921
D-612	VR-2110
D-613	VR-2107
D-614	VR-2107
D-616	VR-2124
D-617	13921
D-618	13921
D-620	13921
D-621	13921
D-622	13921
D-623	VR-2127
D-624	VR-2128
D-625	VR-2128
D-626	13921
D-627	VR-2127
D-628	13921
D-629	VR-2129
D-630	13701
D-631	13701
D-632	13702
D-633	13703
D-634	13701
D-635	13701
D-641	13909
D-643	13909
D-644	13913
D-645	13911
D-646	13915
D-647	13909
D-648	13913
D-649	13917
D-651	VR-2135
D-653	VR-2107
D-654	VR-2124
D-655	13914
D-657	13911
D-658	VR-2129
D-659	VR-2129
D-660	13909
D-661	13909
D-662	13921
D-663	VR-1704
D-665	VR-2129
D-666	VR-1770
D-667	VR-1770
D-668	VR-1770
D-669	VR-1772
D-1701	VR-1429
D-1702	13690
D-1703	13692
5597	VR-2103
5810	VR-2103
5811	VR-2103
5813	VR-2103
5818	VR-2103
5828	VR-2103
5831	VR-2103
5839	VR-1129
5847	VR-2110
5851	VR-1429
5852	VR-2110
5861	VR-2103
5865	VR-2103
5867	VR-2103
5871	VR-2110
5874	VR-2103
5875	VR-2107
5877	VR-2110
5894	VR-1429
1100698	VR-1704
1100787	VR-1704
1100790	VR-1704
1116360	VR-1774
1116380	VR-1770
1116383	VR-1788
1116384	VR-1770
1116387	VR-1770
1116388	VR-1775
1116389	VR-1772
1116390	VR-1774

DELCO-REMY (cont'd)

ORIGINAL NO.	ACE NO.
1116392	VR-2175
1116394	VR-1771
1116404	VR-1775
1116405	VR-1871
1116406	VR-2172
1116407	VR-1873
1116408	VR-1800
1116411	VR-1970
1116412	VR-1971D
1116413	VR-1972D
1116671	13352
1116766	VR-1429
1116809	VR-1429
1116810	13692
1118201	VR-2107
1118202	VR-2110
1118208	VR-2103
1118210	VR-2124
1118212	VR-2110
1118214	VR-2124
1118215	VR-2103
1118222	VR-2110
1118223	VR-2107
1118226	VR-2110
1118229	VR-2107
1118230	VR-2103
1118232	VR-2110
1118234	VR-2103
1118238	VR-2110
1118242	VR-2107
1118253	VR-2103
1118260	VR-2124
1118265	13909
1118266	13913
1118271	VR-2103
1118273	VR-2124
1118276	VR-2110
1118278	VR-2110
1118279	VR-2135
1118291	13911
1118300	VR-2107
1118301	VR-2107
1118302	VR-2110
1118303	VR-2103
1118304	VR-2124
1118305	13909
1118306	13913
1118308	13911
1118311	VR-2107
1118313	VR-2107
1118314	VR-2110
1118316	VR-2124
1118331	VR-2110
1118339	VR-2135
1118347	VR-1461
1118350	VR-2103
1118351	VR-2110
1118352	VR-2107
1118354	VR-2124
1118357	VR-2107
1118360	VR-2110
1118364	VR-2107
1118366	VR-2110
1118368	VR-2135
1118380	VR-2110
1118381	13915
1118382	VR-2110
1118392	VR-2110
1118433	13909
1118436	13909
1118720	VR-2107
1118725	VR-2108
1118727	VR-2108
1118729	VR-2108
1118731	VR-2110
1118737	VR-2150
1118749	13921
1118750	13921
1118779	13915
1118780	13911
1118786	VR-1410
1118790	13909
1118791	13913
1118792	13917
1118793	VR-2152
1118825	13921

DELCO-REMY (cont'd)

ORIGINAL NO.	ACE NO.
1118826	13921
1118827	VR-2108
1118830	VR-2110
1118831	VR-2108
1118834	VR-2110
1118837	VR-2108
1118838	VR-2135
1118839	13921
1118841	VR-2110
1118842	VR-2110
1118843	VR-2107
1118845	VR-2107
1118846	VR-2110
1118847	VR-2107
1118849	VR-2108
1118850	VR-2110
1118852	VR-2108
1118855	VR-2124
1118857	VR-2124
1118864	VR-2110
1118865	VR-2110
1118866	VR-2107
1118867	VR-2110
1118869	VR-2107
1118871	VR-2103
1118872	VR-2107
1118874	VR-2107
1118880	VR-2135
1118881	VR-2138
1118883	VR-2135
1118896	VR-2124
1118897	13960
1118901	VR-2124
1118902	VR-2124
1118939	VR-2135
1118945	13921
1118955	VR-2124
1118956	VR-2129
1118957	VR-1461
1118967	13921
1118971	13913
1118981	13914
1118982	13911
1118985	13913
1118987	13915
1118988	13914
1118997	13917
1118993	13915
1118997	13915
1118999	13915
1119000	13921
1119001	13921
1119002	13921
1119003	13921
1119004	VR-2134
1119122	13921
1119123	13921
1119135	VR-2124
1119153	VR-1462
1119156	VR-2138
1119162	13921
1119165	VR-1462
1119168	13921
1119174	13921
1119176	VR-2103
1119185	VR-2150
1119200	VR-2135
1119205	13921
1119207	13702
1119211	VR-2107
1119232	VR-2107
1119233	VR-2152
1119234	13921
1119235	13921
1119239	13921
1119241	13960
1119242	13921
1119244	13921
1119245	VR-2124
1119253	13921
1119256	VR-2150
1119260	13921
1119261	13921
1119263	13921
1119264	13921
1119269	VR-2135

cross reference

ACE™

DELCO-REMY (cont'd)

ORIGINAL NO.	ACE NO.
1119270	13960
1119277	13921
1119282	VR-1461
1119299	13921
1119305	13921
1119502	13701
1119506	13701
1119507	13702
1119511	13703
1119512	13701
1119513	13702
1119515	13701
1119516	13701
1119517	13703
1119519	VR-1704
1119575	13911
1119576	13915
1119600	VR-2127
1119601	13928
1119602	VR-2127
1119604	VR-2129
1119606	13927
1119607	VR-2135
1119608	13927
1119610	VR-2127
1119611	VR-2129
1119613	VR-2153
1119617	VR-2128
1119619	13927
1119621	13921
1119623	VR-2127
1119625	VR-2129
1119627	13928
1119630	VR-2127
1119632	VR-2153
1119635	VR-2129
1119654	VR-2127
1119659	13928
1119668	VR-2129
1119672	VR-2153
1119673	13921
1867781	13690
1876388	VR-1788
1880088	VR-1774
1892812	VR-1777
1892817	VR-1776
1892824	VR-1778
1894460	VR-1779
1894489	VR-1873
1910966	VRK-1454
1941463	VR-1420
1945171	VR-2128
1945172	13921
1962629	VRK-1455
1963309	VR-1421
1963876	VR-1424
1968949	VR-1777
1969110	VR-1778
1972029	VR-2192
1972031	12941
1972032	11974
1972033	VR-2175
1972059	12941
1972061	VR-2192
1972062	VR-2173
1972067	VR-2162
1972070	VR-2162
1972157	12961
1972160	VR-2197
1972258	VR-2197
1972270	12724
1974623	VR-2172
1977339	VR-1425
1977529	VR-1875
1984287	VR-1871
1988988	VR-1874
8000784	VR-1776
9000590	VR-1769
9000591	VR-1771
9000592	VR-1763
9000593	VR-1764
10485817	5-1683

DODGE COLT

ORIGINAL NO.	ACE NO.
MDD-01810	VR-1231
MDD-01811	VR-1231

DODGE COLT (cont'd)

ORIGINAL NO.	ACE NO.
MDD-01821	VR-1231
MD607372	VR-1230

DUCELLIER

ORIGINAL NO.	ACE NO.
511006	VR-1250S
511010	VR-1250S

FIAT

ORIGINAL NO.	ACE NO.
40747631	VR-2220
4095889	VR-2220
4475112	VR-2219

FORO

ORIGINAL NO.	ACE NO.
2700015	12961
2700017	VR-2162
2900305	VR-2162
2900423	VR-2162
2900424	12961
2900446	12906
2900563	VR-2162
B5A-10505-B	12941
B5A-10505-C	12941
B5AF-10505-B	12941
B6A-10505-A	12961
B7A-10505-B	12961
B8A-10505-A	VR-2162
B8E-10505-B	VR-2162
B8E-10505-C	VR-2162
C0DF-10505-A	12961
C0MF-105050A	VR-2162
C0NF-10505-A	12906
C1TF-10505-A	12961
C1TF-10505-B	12961
C1TZ-10505-A	12961
C2AF-10505-A	12961
C2AF-10505-B	VR-2162
C2AZ-10505-A	VR-2162
C2AZ-10505-B	VR-2162
C2DF-10505-A	12961
C2SZ-10505-B	VR-2162
C2TF-10505-B	12961
C2TZ-10505-A	VR-2162
C3DZ-10505-A	12961
C3SZ-10316-A	12724
C3SZ-10316-B	12724
C3TF-10316-B	VR-1724
C3TF-10316-C	VR-1724
C3TF-10505-A	12961
C3TZ-10505-B	12961
C3XF-10316-C	12724
C4SF-10316-A	VR-1724
C4SZ-10316-A	12724
C4TF-10316-B	12724
C4TF-10316-D	12724
C4UF-10316-A	12724
C4UF-10316-B	12724
C5AF-10316-A	12724
C5AZ-10316-A	12724
C5TF-10316-A	12724
C6AZ-10316-A	VR-1780
C8AF-10316-A	12724
C8SZ-10316-A	VR-1781
C8TF-10316-A	12724
D0AF-10316-A	12724
D1RY-10316-B	VR-1766
D2AZ-10505-C	VR-2162
D2TZ-10316-A	VR-1791
D3TZ-10316-A	12724
D4HZ-10316-A	VR-1726
D4RY-10316-A	VR-1766
D4TZ-10316-A	12724
D8BZ-10316-A	VR-1787
D8PZ-10316-A	VR-1742
D8UZ-10316-A	VR-1785
D97Z-10316-A	VR-1211
D9DZ-10316-A	VR-1784
D9PF-10316-AA	VR-1784
D9PZ-10316-A	VR-1787
E1PF-10316-AA	VR-1784
E2PZ-10316	VR-1782
E43Z-10316-A	VR-1706
E6TZ-10316-A	VR-1706
FAC-10505-A	12941
FAC-10505-A1	12941
FAC-10505-A2	12941

FORO (cont'd)

ORIGINAL NO.	ACE NO.
FAD-10505-A	12941
FAD-10505-C	12941
FAG-10505-A	12905
FAP-10505-A	12961
FAP-10505-B	12961
FAP-10505-C	12961
FBF-10505-A	VR-2162
GR-1	12941
GR-4	VR-2162
GR-7	12941
GR-8	12941
GR-14	12961
GR-17	VR-2162
GR-20	12961
GR-22	VR-2162
GR-24	12961
GR-241	VR-2162
GR-266	VR-2162
GR-267	12961
GR-268	12961
GR-269	VR-2162
GR-276	12903
GR-277	12905
GR-278	12906
GR-341	VR-1724
GR-341-A	12724
GR-355	14910
GR-358	14910
GR-369	VR-2162
GR-370	VR-2162
GR-374	VR-1780
GR-383	VR-1781
GR-503	VR-1726
GR-533	VR-1797
GR-540	VR-1787
GR-540A	VR-1782
GR-784	VR-1706
GRC-74	11974
GRC-303	VR-1712
GRC-724	11710
GRE-304	VR-1791
GRE-542	VR-1211
GRG-265	VR-2128
GRG-266	13921
GRG-267	13701
GRG-268	13921
GRG-273	13702
GRG-274	13703
GRG-801	VR-1704
GRX-1	13691
GRX-15	VR-1407
GRX-40	13692
GRX-72	VR-1472
GRX-84	VR-2197
GRX-221	13921
GRX-222	13921
GRX-262	VR-2128
GRX-281	VR-2134
GRX-290	13915
GRX-291	13911
GRX-293	13909
GRX-294	13913
GRX-381	VR-1753
GRX-409	VR-1483
GRX-418	VR-1730
GRX-421	VR-1730
GRX-422	VR-1730
GRX-722	VR-2192
GRX-761	11974
PB7M-10505-A	VR-2162
01A-10505-A	12941
01A-10505-C	12941
5EH-10505-C	12941
5EH-10505-E	12941
51A-10505-A	12941
51A-10505-C	12941
51A-10505-D	12941
51A-10505-E	12941
51A-10505-H	12941
59A-10505-A	12941
8-027	VR-2189
8-056	VR-2195
8-062	VR-2195
8-074	11974
8-078	VR-1472
8-084	VR-2197

FORD (cont'd)

ORIGINAL NO.	ACE NO.
8-105	VR-1710
8-221	13921
8-222	13921
8-262	VR-2110
8-265	VR-2128
8-266	13921
8-267	13701
8-268	13921
8-273	13702
8-274	13703
8-276	13921
8-281	VR-2134
8-286	VR-1724
8-290	13915
8-291	13911
8-293	13909
8-294	13913
8-295	13917
8-297	13914
8-303	VR-1712
8-402	VR-1784
8-415	VR-1752
8-416	VR-1754
8-418	VR-1730
8-421	VR-1730
8-422	VR-1730
8-423	VR-1754
8-621	12961
8-722	11992
8-724	11710
8-761	11974
8-801	VR-1704
8A-10505-A	12941
8L-10505-A	12941
8M-10505-A	12941
8M-10505-A1	12941
8M-10505-A2	12941
8N-10505-B	VR-1401
8N-10505-C	12903
81A-10505-A	12941
91A-10505-A	12941

HARLEY DAVIDSON

ORIGINAL NO.	ACE NO.
74510-64	VR-1705

HITACHI

ORIGINAL NO.	ACE NO.
TL 1Z-27	VR-1795
TL 1Z-37	VR-1223
TL 1Z-41	VR-1223
TL 1Z-46	VR-1783
TL 1Z-48	VR-1783
TL 1Z-53	VR-1204
TL 1Z-54	VR-1795
TL 1Z-57	VR-1223
TL 1Z-58	VR-1203
TL 1Z-60	VR-1204
TL 1Z-61	VR-1223
TL 1Z-65	VR-1795
TL 1Z-66	VR-1206
TL 1Z-74	VR-1795
TL 1Z-79	VR-1208
TL 1Z-82	VR-1205
TL 1Z-87	VR-1220
TL 1Z-90	VR-1210
TL 1Z-94	VR-1801
TL 1Z-97	VR-1233
TL 1Z-79B	VR-1208
TL 1Z-82B	VR-1205
TL 1Z-82D	VR-1205
TL 1Z-85B	VR-1207
TL 1Z-85D	VR-1207
TL 1Z-90H	VR-1210

HONDA

ORIGINAL NO.	ACE NO.
31400-003	VR-1202
31400-004	VR-1202
31400-024	VR-1202
31400-611	VR-1202
31400-611-0140	VR-1202
31400-611-0240	VR-1202
31400-634	VR-1202
31400-634-671	VR-1202
31400-642	VR-1202

HONDA (cont'd)

ORIGINAL NO	ACE NO
31400-642-004	VR-1202
31400-643-670	VR-1202
31400-657	VR-1202
31400-657-003	VR-1202
31400-657-671	VR-1202
31400-657-672	VR-1202
31400-657-673	VR-1202
31400-659	VR-1202
31400-671	VR-1202
31400-672	VR-1202
31400-0140	VR-1202

LEECE-NEVILLE

ORIGINAL NO.	ACE NO.
77973	VR-1773
79000	VR-1790-A
97300	VR-1700

LUCAS

ORIGINAL NO.	ACE NO.
37290	VR-2225
37365	VR-2210
37397	VR-2214
37398	VR-2210
37403	VR-2214
37423	VR-1765
37534	VR-1766
37541	VR-1766
37542	VR-2226
37547	VR-2226
37551	VR-1765
37555	VR-1766
37558	VR-1766
37561	VR-1766
37565	VR-1766
37566	VR-1766
37581	VR-1766
37585	VR-1765
37587	VR-1766
37590	VR-1767
37591	VR-1767
37595	VR-1767
37596	VR-1767
37611	VR-2222
37612	VR-2221
37613	VR-2221
37628	VR-2221

LUV

ORIGINAL NO.	ACE NO.
8225-0110	VR-1783
8225-3102	VR-1783
8225-3107	VR-1783
9402-1595	VR-1783
9420-5956	VR-1783
9420-8462	VR-2203

MARCHAL

ORIGINAL NO.	ACE NO.
72317102	VR-1222
72360102	VR-1221
72367002	VR-1224-A
72367102	VR-1224-A
72367802	VR-1224-A
72563702	VR-1224
72590102	VR-1226
72610002	VR-1215
72610102	VR-1217
72710602	VR-1215
72717002	VR-1216

MAZDA

ORIGINAL NO.	ACE NO.
8914-18-3910	VR-2202
FE85-18-W70	VR-2263S

MITSUBISHI

ORIGINAL NO.	ACE NO.
RLB2220AS	VR-1211
RLZ2220AS	VR-1211
025918391	VR-1211
045318391	VR-1211
817324520	VR-1230
8914183910	VR-1211
MD001810	VR-1791
MD001811	VR-1791

voltage regulators cross reference

MITSUBISHI (cont'd)

ORIGINAL NO.	ACE NO.
MD001821	VR-1231
MD009080	VR-1791
MD601810	VR-1791
MD0607570	VR-1230
MD607619	VR-1236
MD611032	VR-2265S
MD611432	VR-2264S
MD611565	VR-1248

MOTOROLA

ORIGINAL NO.	ACE NO.
5-1	VR-1752
5-3	VR-1753
5-5	VR-1752
5-7	VR-1752
5-8	VR-1752
5-10	VR-1752
5-15	VR-1752
5-14	VR-1752
5-16	VR-1752
5-18	VR-1752
5-24	VR-1754
5-28	VR-1752
5-29	VR-1718
5-30	VR-1752
5-33	VR-1752
5-35	VR-1752
5-42	VR-1752
5-43	VR-1718
5-44	VR-1753
5-46	VR-1718
5-50	VR-1752
5-51	VR-1718
5-59	VR-1752
5-63	VR-1718
5-67	VR-1755
5-72	VR-1752
5-76	VR-1760
5-81	VR-1755
5-92	VR-1717
5-101	VR-1718
5-104	VR-2115
5-107	VR-1760
5-118	VR-1760
5-121	VR-2116
5-130	VR-1752
5-134	VR-1760
5-138	VR-1754
5-139	VR-1775
5-140	VR-1752
5-143	VR-1752
5-144	VR-1760
5-151	VR-1718
5-152	VR-2111
5-153	VR-1717
5-154	VR-1752
5-164	VR-2112
5-171	VR-1213
5-178	VR-1752
5-180	VR-1213
5-183	VR-2113
5-204	VR-2114
5-224	VR-2240
5-233	VR-2241
5-237	VR-2242
5-242	VR-2117
5-701	VR-1760
5-762	VR-1212
5-763	VR-1213-A
7-61	VR-1753
F-1	VR-1752
P-1	VR-1752
R1-1	VR-1752
R2-1	VR-1752
R2-2	VR-1752
R2-3	VR-1752
R2-K1	VR-1753
R2-X1	VR-1752
R2-AM1	VR-1754
R2-X2	VR-1752
R2-AM2	VR-1754
R2-AM4	VR-1755
R2-CC1	VR-1752
R2AM-1	VR-1754
R2AM-4	VR-1775
R2K-1	VR-1753

MOTOROLA (cont'd)

ORIGINAL NO.	ACE NO.
R3-1	VR-1718
R3-3	VR-1718
R3ON-1	VR-1718
R3WC-1	VR-1718
R3WE-1	VR-1718
SR-1	VR-1752
TVR-12-1	VR-1752
TVR-12AM6	VR-1752
TVR-12CC1	VR-1752
TVR-12-M20	VR-1752
TVR-12NX1	VR-1752
TVR-12NY1	VR-1752
TVR-12NX1	VR-1752
TVR-12W14	VR-1753
TVR-12AM18	VR-1752
TVR-12NAM6	VR-1752
TVR-12NAM16	VR-1752
TVR-12TK21	VR-1752
8RB-2001	VR-1752
8RB-2005	VR-1760
8RC-2007	VR-1212
8RC-2020	VR-1752
8RD-2001	VR-1760
8RD-2020	VR-1752
8RD-2031	VR-2114
8RF-2001	VR-2115
8RF-2003	VR-2116
8RF-2011A	VR-1752
8RF-2012A	VR-2111
8RF-2014C	VR-1717
8RF-2021A	VR-2117
8RF-3013	VR-2112
8RF-3017C	VR-2113
8RG-2023	VR-2240
8RG-2025	VR-2241
8RG-2026	VR-2242
8RH-2001	VR-1794
8RH-2003	VR-1760
8RH-2003J	VR-1760
8RH-2004A	VR-1752
8RH-2004C	VR-1754
8RH-2004D	VR-1775
8RH-2004F	VR-1752
8RH-2004H	VR-1752
8RH-2004L	VR-1752
8RH-2012	VR-1760
8RH-2004A	VR-1752
9RC-2003	VR-1213
9RC-2006	VR-1213
9RC-2018	VR-1248S
9RC-7003	VR-1213
9RC-7004	VR-1213
9RC-7088	VR-1248S
9RC-7104	VR-1248S
9RH-7013	VR-1213

NIPPONDENSO

ORIGINAL NO.	ACE NO.
026000-0050	VR-2212
026000-0100	VR-1803
026000-0120	VR-1802
026000-0811	VR-1200
026000-1103	VR-1793
026000-1202	VR-1793
026000-1321	VR-1793
026000-1341	VR-1793
026000-1410	VR-1200
026000-1700	VR-1228
026000-1730	VR-1793
026000-1740	VR-1793
026000-1741	VR-1793
026000-1750	VR-1793
026000-1871	VR-1793
026000-1940	VR-1791
026000-1990	VR-1783
026000-2111	VR-1204
026000-2121	VR-1793
026000-2340	VR-1202
026000-2341	VR-1202
026000-2421	VR-1202
026000-2430	VR-1793
026000-2431	VR-1793
026000-2432	VR-1218
026000-2510	VR-1220
026000-2540	VR-1202
026000-2580	VR-1202

NIPPONDENSO (cont'd)

ORIGINAL NO.	ACE NO.
026000-2680	VR-1218
026000-2720	VR-1218
026000-2900	VR-1202
026000-2930	VR-1232
026000-2940	VR-1232
026000-2950	VR-2205
026000-2960	VR-1232
026000-3010	VR-2215
026000-3190	VR-1218
026000-3210	VR-1232
026000-3220	VR-1232
026000-3260	VR-2211
026000-3300	VR-1232
026000-3310	VR-1232
026000-3320	VR-1232
026000-3330	VR-1218
026000-3420	VR-1232
026000-3430	VR-1232
026000-3500	VR-1232
026000-3610	VR-1232
026000-3660	VR-1232
026000-3680	VR-1232
026000-3851	VR-1225
126000-0050	VR-2212
126000-0100	VR-1802
126000-0120	VR-1802
126000-0180	VR-1245
126000-0340	VR-1243
126000-0400	VR-1243
126000-0430	VR-1244
126000-2121	VR-2213
126000-3010	VR-2215
27700-13010	VR-1218
27700-13020	VR-1218
27700-13030	VR-1218
27700-13060	VR-1225
27700-13090	VR-1242
27700-22010	VR-1793
27700-22011	VR-1793
27700-24010	VR-1218
27700-24020	VR-1232
27700-26020	VR-1218
27700-26030	VR-1232
27700-27010	VR-1232
27700-27040	VR-1232
27700-27050	VR-1232
27700-28010	VR-1218
27700-28020	VR-1232
27700-31010	VR-1793
27700-31011	VR-1793
27700-31021	VR-1232
27700-33010	VR-1793
27700-33011	VR-1793
27700-34020	VR-1218
27700-36010	VR-1218
27700-36020	VR-1218
27700-38010	VR-1218
27700-38020	VR-1218
27700-38040	VR-1232
27700-38050	VR-1232
27700-38060	VR-1232
27700-38070	VR-1232
27700-38080	VR-1232
27700-38081	VR-1232
27700-38100	VR-1802
27700-38110	VR-2268
27700-38111	VR-2268
27700-38113	VR-2268
27700-38120	VR-1232
27700-40010	VR-1200
27700-40011	VR-1200
27700-40020	VR-1793
27700-40021	VR-1793
27700-41050	VR-1802
27700-43010	VR-1240
27700-45020	VR-1802
27700-45021	VR-1802
27700-51010	VR-1793
27700-60100	VR-2205
27700-63020	VR-1243
27700-63021	VR-1243
31400-611-0140	VR-1202
31400-611-0240	VR-1202
31400-611-0242	VR-1202
31400-634-670	VR-1202
31400-634-671	VR-1202

NIPPONDENSO (cont'd)

ORIGINAL NO.	ACE NO.
31400-642-000	VR-1202
31400-642-004	VR-1202
31400-643-670	VR-1202
31400-657-003	VR-1202
31400-657-671	VR-1202
31400-657-672	VR-1202
31400-657-673	VR-1202
31400-659-003	VR-1202
31400-SAD-671	VR-2204
31400-SAD-672	VR-2204
23133-04F10	VR-2262S
23133-08E15	VR-2260
23133-P3006	VR-1253S
23215-17B10	VR-1247
23215-58S10	VR-2261S

NISSAN

ORIGINAL NO.	ACE NO.
23215-17B10	VR-1247S
23133-P3006	VR-1253S

PARIS RHONE

ORIGINAL NO.	ACE NO.
92.913H	VR-2200
92 860	VR-1219
92 927	VR-1219
95 394N	VR-1214
96 731Y	VR-1214
182 005	VR-1219
300 806A	VR-1219
300-868	VR-1219
300 901	VR-1219
AYB-2116	VR-1214
AYB-2119	VR-1214
AYB-2124	VR-1214
YH-1649	VR-1219
YH-1652	VR-1219
YL-122	VR-1219
YL-127	VR-2200
YL-129	VR-1219
YL-149	VR-1219
YL-152	VR-1219

PRESTOLITE/Autolite

ORIGINAL NO.	ACE NO.
8-21	VR-2174
8-27	VR-2189
8-45	VR-1472
8-47	VR-1472
8-56	VR-2195
8-59	VR-2192
8-61	VR-2195
8-62	VR-2195
8-67	VR-2174
8-69	VR-2174
8-70	VR-2174
8-72	VR-1472
8-74	VR-2174
8-76	VR-2175
8-77	VR-2174
8-81	VR-2191
8-84	VR-2197
8-114	VR-2197
8-125	VR-1730
8-154	VR-2192
8-188	VR-1730
8-221	13921
8-222	13921
8-223	VR-1730
8-228	VR-1730
8-232	VR-1310
8-236	VR-1730
8-261	VR-2108
8-262	VR-2107
8-265	VR-2128
8-266	VR-2124
8-268	VR-2121
8-271	VR-1751
8-273	VR-1753
8-274	VR-1752
8-281	VR-2134
8-284	13701
8-285	13703
8-286	12724
8-290	13915
8-291	13911
8-292	VR-1752
8-293	13909
8-295	13917
8-297	13914

PRESTOLITE (cont'd)

ORIGINAL NO.	ACE NO.
8-303	VR-1754
8-327	VR-1754
8-328-A	VR-1713
8-330	VR-1757
8-339	VR-1756
8-345	VR-1755
8-350	VR-1757
8-352	VR-1758
8-354	VR-1752
8-355	VR-1754
8-356	VR-1751
8-357	VR-1753
8-359	VR-1755
8-368	VR-1715
8-371	VR-1714
8-379	VR-1714
8-384	VR-1740
8-387	VR-1770
8-391	VR-1303
8-393	VR-1740-A
8-396	VR-1749
8-397	VR-1792
8-402	VR-1784
8-403	VR-2266S
8-410	VR-2267S
8-415	VR-1752
8-416	VR-1754
8-418	VR-1730
8-421	VR-1730
8-422	VR-1730
8-537	VR-1753
8-621	12961
8-622	VR-2162
8-661	VR-2142
8-722	11992
8-723	11992
8-724	11710
8-736	VR-1730
8-761	VR-2174
8-762	VR-2175
8-778	13914
8-801	VR-1704
9-1	13690
9-3	13692
9-4	13691
9-5	13691
9-9	VR-1407
9-15	VR-1407
9-16	VR-1407
9-39	13691
9-45	13692
CB-4008	13691
CB-4012	13690
CB-4014	13691
CB-4020-S	13690
CB-4021-S	13691
CB-4025	13690
GRC-274	VR-1710
GRC-538	VR-1749
GRC-724	VR-1710
GRG-221	VR-2129
GRG-265	VR-2128
GRG-266	VR-2121
GRG-267	VR-1701
GRG-268	VR-2121
GRG-273	VR-1702
GRG-801	VR-1704
GRX-15	VR-1407
GRX-82	VR-2197
GRX-84	VR-2197
GRX-100	VR-2197
GRX-209	13915
GRX-221	VR-2121
GRX-222	VR-2121
GRX-261	VR-2108
GRX-262	VR-2128
GRX-268	VR-2129
GRX-278	VR-2137
GRX-281	VR-2134
GRX-290	13915
GRX-291	13911
GRX-293	13909
GRX-297	13914
GRX-381	VR-1753
GRX-382	VR-1754
GRX-408	13917

cross reference

ACE™

PRESTOLITE (cont'd)

ORIGINAL NO.	ACE NO.
GRX-413	VR-1429
GRX-418	VR-1730
GRX-421	VR-1730
GRX-422	VR-1730
GRX-505	VR-1755
GRX-506	VR-1754
GRX-528	VR-1760
MD-1810	VR-1231
MD-1811	VR-1231
P-8-303	VR-1754
P-8-327	VR-1754
P-8-333	VR-1757
TC-4301-D	VR-1407
TC-4327-E	VR-1407
TC-4327-FT	13690
VAZ-4001-A	VR-1401
VBA-4203-A	VR-2174
VBE-6001-A	VR-2175
VBE-6001-AF	VR-2174
VBE-6101-A	VR-2175
VBE-6102-A	VR-2174
VBE-6104-A	VR-2174
VBE-6201-A	VR-2175
VBO-4001-G	VR-2173
VBO-4201-D	VR-2195
VBO-4201-E	11992
VBO-4201-M	VR-2199
VBO-4201-B-3	VR-2107
VBO-4201-C-1	VR-2189
VBO-4201-E-1	11992
VBO-4202-B	11992
VBO-4202-C	VR-2195
VBO-4202-D	VR-2195
VBO-4202-E	VR-2195
VBO-4202-G	VR-2195
VBO-4202-P	11992
VBO-4202-R	11992
VBO-4223-D	13921
VBO-4223-E	13921
VBO-4601-C	VR-2174
VBO-4601-G	VR-2174
VBO-4601-K	VR-2174
VBO-4601-U	VR-1472
VBO-4602-B	VR-2174
VBO-4602-E	VR-2175
VBO-4602-R	VR-2174
VBO-4602-V	VR-2175
VBO-4623-D	VR-2108
VBO-4623-E	VR-2108

PRESTOLITE (cont'd)

ORIGINAL NO.	ACE NO.
VBO-6201-C	VR-2197
VBO-6211-C	13921
VBO-6611-D	12941
VBT-6201-A	11710
VBT-6201-C	11710
VBT-6201-D	11710
VBV-6201-A	VR-1730
VBV-6201-C	VR-1730
VBV-6201-D	VR-1730
VBV-6201-B-3	13921
VCA-6211-A	12724
VCA-6221-A	13701
VCA-6221-B	13703
VRB-2005	VR-1760
VRP-4001-A	VR-2174
VRP-4001-B	VR-2174
VRP-4001-AX	VR-2174
VRP-4002-A	VR-2174
VRP-4002-C	VR-2174
VRP-4002-D	VR-2174
VRP-4003-A	VR-2174
VRP-4003-B	VR-2174
VRP-4004-A	VR-2174
VRP-4004-C	VR-2174
VRP-4004-F	VR-2174
VRP-4004-C1	VR-2174
VRP-4004-FX	VR-2174
VRP-4005-A	VR-2173
VRP-4007-C	VR-2173
VRP-4008-A	VR-2174
VRP-6001-A	VR-2174
VRP-6001-B	VR-2174
VRP-6002-A	VR-2174
VRP-6003-A	VR-2173
VRP-6005-A	VR-2175
VRP-6101-A	VR-2174
VRP-6101-B	VR-2174
VRU-6101-A	VR 2189
VRW-6002-BX	VR-1472
VRW-8002-BX	VB-1472
VRX-6003-A	11992
VRX-6008-A	11992
VRX-6009-A	11992
VRX-6009-B	VR-2195
VRX-6010-A	11992
VRX-6201-A	11992
VRX-6201-B	11992
VRX-6301-A	11992
VXC-5024-BY	VR-1757

PRESTOLITE (cont'd)

ORIGINAL NO	ACE NO.
VSC-5234-J	VR-1754
VSC-6201-A	13701
VSC-6201-D	VR-1751
VSC-6202-E	VR-1758
VSC-6231-D	VR-1753
VSC-6234-D	VR-1752
VSC-6234-G	VR-1752
VSC-6234-L	VR-1754
VSH-5204-BY	VR-1757
VSH-5234-S	VR-1754
VSH-6201-	VR-1756
VSH-6201-A	VR-1713
VSH-6201-AB	VR-1714
VSH-6201-AGY	VR-2267S
VSH-6201-E	VR-1716
VSH-6201-F	VR-1755
VSH-6201-G	VR-1752
VSH-6201-H	VR-1754
VSH-6201-J	VR-1751
VSH-6201-K	VR-1753
VSH-6201-N	VR-1758
VSH-6201-R	VR-1755
VSH-6201-W	VR-1715
VSH-6401	VR-1740-A
VSH-6401-B	VR-1740
VSH-6401-C	VR-1740-A
VRX-6301-A	VR-2192

ROBERT BOSCH

ORIGINAL NO.	ACE NO.
0-190-062-002	VR-1303
0-190-213-001	VR-1310
0-190-213-010	14910
0-190-213-013	VR-1310
0-190-213-015	VR-1310
0-190-213-031	VR-1310
0-190-213-032	VR-1310
0-190-213-036	VR-1310
0-190-300-030	VR-2217
0-190-300-070	13921
0-190-305-007	12961
0-190-350-010	VR-2217
0-190-350-011	VR-2217
0-190-350-012	VR-2217
0-190-350-015	14912
0-190-350-018	VR-2217
0-190-350-019	VR-2217
0-190-350-034	14912
0-190-350-038	14912
0-190-350-064	14912

ROBERT BOSCH (cont'd)

ORIGINAL NO.	ACE NO.
0-190-350-068	14912
0-190-350-069	14912
0-190-350-079	14912
0-190-600-001	VR-1303
0-190-600-003	VR-1303
0-190-600-004	VR-1303
0-190-600-005	VR-1303
0-190-600-007	VR-1303
0-190-600-008	VR-1303
0-190-600-009	VR-1303
0-190-600-010	VR-1303
0-190-600-011	VR-1303
0-190-600-016	VR-1797
0-190-600-110	VR-1303
0-190-601-006	VR-1303
0-190-601-009	VR-1303
0-190-601-010	VR-1303
0-190-601-011	VR-1303
0-190-601-012	VR-1303
0-190-601-013	VR-1303
0-190-601-017-	VR-1303
0-190-601-018	VR-1303
0-192-052-001	VR-1796
0-192-052-004	VR-1796
0-192-052-005	VR-1796
0-192-052-006	VR-1796
0-192-052-008	VR-1796
0-192-052-011	VR-1796
0-192-052-017	VR-1796
0-192-052-007	VR-1799
0-192-052-008	VR-1799
0-192-052-004	VR-1796
1-192-052-001	VR-1796
1-192-052-004	VR-1796
1-192-052-005	VR-1796
1-192-052-006	VR-1796
1-192-052-011	VR-1796
1-192-052-013	VR-1796
1-192-052-014	VR-1796
1-192-052-017	VR-1796
1-192-052-019	VR-1796

SUBARU

ORIGINAL NO.	ACE NO.
32989-8100	VR-1210
42989-1900	VR-1801
82789-8600	VR-1795
82989-6100	VR-1795
83989-4110	VR-1795
83989-8600	VR-1795

TOYOTA

ORIGINAL NO.	ACE NO.
27700-13010	VR-1218
27700-13020	VR-1218
27700-13030	VR-1218
27700-13060	VR-1225
27700-13090	VR-1242
27700-22010	VR-1793
27700-22011	VR-1793
27700-24010	VR-1218
27700-24020	VR-1232
27700-26020	VR-1218
27700-26030	VR-1232
27700-27010	VR-1232
27700-27040	VR-1232
27700-27050	VR-1232
27700-28010	VR-1218
27700-28020	VR-1232
27700-31010	VR-1793
27700-31011	VR-1793
27700-31021	VR-1232
27700-33010	VR-1793
27700-33011	VR-1793
27700-34020	VR-1218
27700-36010	VR-1218
27700-36020	VR-1218
27700-38010	VR-1218
27700-38020	VR-1218
27700-38040	VR-1232
27700-38050	VR-1232
27700-38060	VR-1232
27700-38070	VR-1232
27700-38080	VR-1232
27700-38081	VR-1232
27700-38100	VR-1802
27700-38110	VR-2268
27700-38111	VR-2268
27700-38113	VR-2268
27700-38120	VR-1232
27700-40010	VR-1200
27700-40011	VR-1200
27700-40020	VR-1793
27700-40021	VR-1793
27700-41050	VR-1802
27700-43010	VR-1240
27700-45020	VR-1802
27700-45021	VR-1802
27700-51010	VR-1793
27700-60100	VR-2205
27700-63020	VR-1243
27700-63021	VR-1243

solenoid switches for starters

application for passenger cars & light trucks

ACADIAN

Year	Model or Engine	Solenoid Switch
1962-71	All	13858

ALPHA ROMEO

Year	Model or Engine	Solenoid Switch
1972-81	All M.T (9 Tooth w/Large Case)	14427

AMERICAN MOTORS

Year	Model or Engine	Solenoid Switch
1981-82	6 cyl. Engine	12883
1980-82	4 cyl. w/Starter mtd. Solenoid	13858
1979-81	6 cyl. w/MT	12887
1979-81	6 cyl. w/AT	12886
1977-78	All w/AT	12883
1977-78	All w/MT	12887
1975-77	All 6 & 8 cyl. w/AT	12884
1975-77	All 6 & 8 cyl. w/MT	12882
1975	All w/Seat Belt Ignition Interlock	12882
1974	All	12881
1972-73	All Auto. Transmission	12883
	All Manual Transmission	12881
1969-71	All	12881
1967-68	6 cyl. All w/Delco Starter	13858
	8 cyl. All w/Ford Starter	12881
1963-66	All	13858
1963	Canada w/MDY-6009 Starter	54001

ARIES (CHRYSLER)

Year	Model or Engine	Solenoid Switch
1983-85	2.2L All	14464

ARROW (PLYMOUTH) Sedan & Hatchback

Year	Model or Engine	Solenoid Switch
1976-78	1.6L MT	14491
1976-79	1.6L AT	14491
1976-78	2.0L AT & MT	14491
1978-79	2.6L AT & MT	14491
1979	1.6L MT w/Rear Wheel Drive	14517
1976-81	All w/4632 Engine (1600 cc); All w/4652 Engine (1400 cc) w/MT	14491

AUDI

Year	Model or Engine	Solenoid Switch
1983-85	2.2L Coupe (optional)	14467
1975-79	1.6L Fox	14467
1982-84	2.1L Gas Turbo Quattro	14467
1970-72	1.8L All Super 90	14417
1970-71	1.8L All 100 Series	14417
1971-77	1.9L All H.D. 100 Series (opt.)	14467
1978-79	2.1L Gas 5000 Series	14467
1980	2.1L Gas w/o Turbo 5000 Series	14464
1980	2.1L Gas w/Turbo 5000 Series	14467
1981-83	2.1L Gas w/o Turbo 5000 Series	14467

AUSTIN

Year	Model or Engine	Solenoid Switch
1972-75	Jensen Healy Sport & GT	14442
1972-75	Marina	14442
1970-71	Mini Clubman, 1275 cc	14476
1968-71	America 1.3L 12H Eng.	14476
1967-71	Mini Cooper "S"	14476
1959-73	Mini 850-998, 1000 cc	14476
1963-69	Mini Cooper	14476

AUSTIN HEALY

Year	Model or Engine	Solenoid Switch
1958-69	Sprite, MK IV, 1275 cc	14476
1963-68	3000, 3000 MK II, III	14476
1954-62	100, 100 M, 1000 SIX	14476

BMW

Year	Model or Engine	Solenoid Switch
1979	6 cyl. (2.8L) 528i	14426
1978-79	6 cyl. (3.2L) 633csi	14426
1977-78	6 cyl. (3.0L) 630csi	14426
1976-79	4 cyl. (2.0L) 320i	14423
1975-83	6 cyl. (3.0L) 530i	14426
1975-76	6 cyl. (3.0L), 3.0 csi, si	14426
1972-73	6 cyl. (2.8L) 2800cs, Bavaria	14426
1968-76	4 cyl. (2.0L) 2002, 2002Tii	14423
1967-70	4 cyl. (2.0L) 2000, c. cs	14423
1966-67	4 cyl. (1.8L) 1800 12 volt System	14423
1964-67	4 cyl. (1.6L) 1600	14423
1964-65	4 cyl. (1.8L) 1800Ti	14423
1963-65	4 cyl. (1.5L) 1500	14423

BRONCO

Year	Model or Engine	Solenoid Switch
1967-82		12881

BUICK

Year	Model or Engine	Solenoid Switch
1988-89	4 cyl. 121 (I) (2.0L) Eng. Skyhawk; 140 (D) (2.3L) Eng. Skylark, Somerset	14515
	6 cyl. 173 (W) (2.8L) Eng. Century, Regal; 200 (N) (3.3L) Eng. Century, Skylark, Somerset; 231, (C) (3.8L) Eng. Electric. LeSabre; 8 cyl. 307 (Y) (5.0L) Eng. Estate Wagon	14515
1988	4 cyl. 121 (K) (I) (2.0L) Eng. Skyhawk w/Str. #1998528, 529; 10455020; 6 cyl. 181 (L) (3.0L) Eng. Skylark, Somerset	14515
1982-83	All	14515
1981	231A, 3, (4.1L), 350N Eng.	14858
	307 Eng. Riviera	14858
	(4.3L), 267, 305 Eng.	14858
1980-81	151, (2.8L) Eng.	14858
1980	(4.3L), 301W Eng.	14858
1979	301, 305H, 350L Eng.	14858
1978	301, 305 Eng.	14858
1976-81	All	13858
1973-75	All	13858

CADILLAC

Year	Model or Engine	Solenoid Switch
1988-89	8 cyl., 307 (Y) (9) (5.0L) Eng. Fleetwood	14515
1988	6 cyl. 173 (W) (2.8L) Eng. Cimmaron w/Str. #10455019	14515
1982-84	All w/(6.0L) 368	14858
1982-83	All exc. V8-368 (6.0L)	14515
1976-81	All	14858
1970-75	All	13858
1963-75	All	13858

CAPRI

Year	Model or Engine	Solenoid Switch
1973-74	6 cyl. (2.8L)	14425
1972-74	1.6L All Lucas	14438
1972-73	6 cyl. (2.6L)	14425

CAPRI (cont'd)

Year	Model or Engine	Solenoid Switch
1971-72	4 cyl. (2.0L)	14425
1971	1600 Small Gear M/T	14438
1970	1600 Large Gear M/T	14438
1970-71	1600 A/T	14437

CARAVAN

Year	Model or Engine	Solenoid Switch
1983-85	All 2.2L	14464

CHALLENGER (DODGE)

Year	Model or Engine	Solenoid Switch
1978-79	All 1.6L AT & MT	14491
1979-80	All 2.6L AT & MT	14491
1981-83	All 2.6L AT & MT	14517

CHAMP

Year	Model or Engine	Solenoid Switch
1979-80	All 1.4L FWD	14491
1981-83	All 1.4L FWD w/MT	14517
1979-84	All 1.6L RWD	14491

CHARGER

Year	Model or Engine	Solenoid Switch
1981-86	All 2.2L w Bosch	14464
1981-83	All 2.2L w MT, w AT & MT	14517

CHECKER MOTORS

Year	Model or Engine	Solenoid Switch
1964-82	All exc. starter 1113653	13858
	Starter 1113653	13510
1963-65	All w/Automatic trans.	11867

CHEVROLET

Year	Model or Engine	Solenoid Switch
1989	4 cyl. 121 (I) (2.0L) Eng. Beretta, Cavalier, Corsica	14515
	4 cyl. 151 (R) (2.5L) Eng. Celebrity	14515
	6 cyl. 173 (S) (2.8L) Eng. Camaro	14515
	6 cyl. 173 (W) (2 8L) Eng. Beretta, Cavalier, Celebrity, Corsica	14515
	6 cyl. 262 (Z) (4 3L) Eng. Caprice	14515
	8 cyl. 305 (E) (F) (5.0L) Eng. Camaro	14515
	8 cyl. 307 (Y) (5 0L) Eng. Caprice	14515
	8 cyl. 350 (8) (5.7L) Eng. Camaro	14515
1988	4 cyl. 121 (I) (2.0L) Eng. Beretta, Cavalier, Corsica	14515
	4 cyl. 151 (R) (2.5L) Eng. Celebrity	14515
	6 cyl. 173 (S) (2.8L) Eng. Camaro	14515
	6 cyl. 173 (W) (2.8L) Eng. Beretta, Cavalier, Celebrity, Corsica w/Str. 10455019	14515
	6 cyl. 262 (Z) (4.3L) Eng. Caprice, Impala	14515
	8 cyl. 305 (G) (H) (5.0L), 307 (Y) (5.0L) Eng. Caprice, Impala	14515
	8 cyl. 305 (E) (F) (5.0L), 350 (8) (5.7L) Eng. Camaro	14515
1982-83	All	14515
1982-87	All (exc. 1.8L Diesel or Mitsubishi Starter)	14515
1981	Citation; Camaro w/TH350 Trans.	14858
	229 3.8L; 267 4.3L; 350H 5.0L Eng. w Str. 1109524	14858

CHEVROLET (cont'd)

Year	Model or Engine	Solenoid Switch
1976-81	All exc. 76-77 w/122 Eng. '78 Chevette and Vega	13858
1975-81	Vega exc. Twin Cam	13858
1972-81	Corvette	13858
1963-75	All exc. Corvette and Vega	13858
1971-73	Vega	13858
1963-71	Corvette	13858

CHEVROLET TRUCK

Year	Model or Engine	Solenoid Switch
1989	4 cyl. 151 (E) (2.5L) Eng. All Models	14515
	6 cyl. 173 (R) (2.8L) Eng. All Models	14515
	6 cyl. 262 (Z) (4.3L) Eng. G-10, M-10 Astro, G-20, G-30	14515
	6 cyl. 292 (T) (4.8L) Eng. V-30 w/MT	14515
	6 cyl. 292 (T) (4.8L) Eng. P-20, R-20, R-20 Suburban, P-30, R-30	14515
	8 cyl. 305 (H) (5.0L) Eng. C-10, G-10, C-20, G-20, C-30, G-30	14515
	8 cyl. 305 (H) (5.0L) Eng. K-10, K-20, K-30 w/MT	14515
	8 cyl. 350 (K) (5.7L), 454 (N) (W) (7.4L) Eng. C-10, G-10, R-10, R-10 Suburban, C-20, G-20, P-20, R-20, R-20 Suburban, C-30, G-30, P-30, R-30	14515
	8 cyl. 350 (K) (5.7L), 454 (N) (W) (7.4L) Eng. K-10, V-10, V-10 Blazer, V-10 Suburban, K-20, V-20, V-20 Suburban, K-30, V-30 w/MT	14515
1988	4 cyl. 151 (E) (2 5L) Eng. M-10 Astro, S-10, S-10 Blazer, T-10, T-10 Blazer	14515
	6 cyl. 173 (R) (2.8L) Eng. S-10, S-10 Blazer, T-10, T-10 Blazer	14515
	6 cyl. 262 (Z) (4.3L) Eng. G-10, M-10 Astro, G-20, G-30	14515
	6 cyl. 292 (T) (4.8L) Eng. P-20, R-20, R-20 Suburban, P-30, R-30	14515
	6 cyl. 292 (T) (4 8L) Eng. V-20, V-20 Suburban, V-30 w/MT	14515
	8 cyl. 305 (H) (5.0L) Eng. C-10, G-10, C-20, G-20, G-30	14515
	8 cyl. 305 (H) (5.0L) Eng. K-10, K-20 w/MT	14515
	8 cyl. 350 (K) (5.7L) Eng. C-10, G-10, R-10, R-10 Suburban, C-20, G-20, R-20, R-20 Suburban, C-30, G-30, P-30, R-30	14515
	8 cyl. 350 (K) (5.7L) Eng. K-10, V-10, V-10 Blazer, V-10 Suburban, K-20, V-20, V-20 Suburban, K-30, V-30 w/MT	14515
	8 cyl. 350 (M) (5.7L) Eng. G-20, P-20, R-20, R-20 Suburban, G-30, P-30, R-30	14515
	8 cyl. 350 (M) (5.7L) Eng. V-20, V-20 Suburban, V-30 w/MT	14515
	8 cyl. 379 (C) (J) (6.2L) Eng. R-10, R-10 Suburban, C-20, G-20, P-20, R-20, R-20 Suburban, C-30, G-30, P-30, R-30	14858
	8 cyl. 379 (C) (J) (6.2L) Eng. V-10, V-10 Blazer, V-10 Suburban, K-20, V-20, V-20 Suburban, K-30, V-30 w/MT	14858
	8 cyl. 454 (N) (7.4L) Eng. R-20, R-20 Suburban, C-30, G-30, K-30, R-30	14515
	8 cyl 454 (N) (7.4L) Eng. V-20, V-20 Suburban, V-30 w/MT	14515
	8 cyl. 454 (W) (7.4L) Eng. R-20, R-20 Suburban, P-30, R-30	14515

solenoid switches for starters

application for passenger cars & light trucks

CHEVROLET TRUCK (cont'd)

Year	Model or Engine	Solenoid Switch
1988	8 cyl. 454 (W) (7.4L) Eng. V-20, V-20 Suburban, V-30 w/MT	14515
1982-87	All (exc. 1.9L, 4WD "K" Series, "G" Series w/454 or Diesel)	14515
1983	8 cyl. 6.2L (381) Diesel 5.7L (350P)	14515
1976-81	All exc. Luv	13858
1973-81	All w/Gas Engine	13858
1970-75	All (exc. w/Str. # 1108502)	13858
1963-73	All exc. Diesel	13858
1967-70	Ser. 20, 30 w/353 Diesel	13510

CHEVY LUV

Year	Model or Engine	Solenoid Switch
1975-81	All	14486
1971-75	All	14474

CHRYSLER

Year	Model or Engine	Solenoid Switch
1988	4 cyl. 135 (2.2L), 153 (2.5L) Eng. All Models w/Str. #4419308	14464
1982-87	135 (2.2L) Eng. w/Bosch Starter	14464
1970-82	All Internal Solenoids	*S-2567
1981-82	"K" Series w/2.2L	14464
1963-69	All Internal Solenoids	*S-2488-C
1963-64	All External Solenoids exc. Canada w/MDT Starter	11846
1963	All Canada w/MDT Starter	11803

CHRYSLER 400-600

Year	Model or Engine	Solenoid Switch
1981-85	2.2L All	14464

CHRYSLER IMPORT TRUCK

Year	Model or Engine	Solenoid Switch
1979-80	2.0L w/AT & w/MT	14491
1979-80	2.6L w/AT & w/MT	14491
1981-83	2.0L & 2.6L w/AT & w/MT	14517
1981-83	2.3L w/Diesel	14530
1984-85	2.0L w/AT & w/MT	14517
1984-85	2.3L Diesel	14530
1984-85	2.6L w/AT & w/MT	14517
1986-88	2.0L All 2WD & 4WD w/AT	14517
1986-88	2.0L Power Ram 4WD 5-Speed	14531
1986-88	2.5L All	14464
1986-88	2.6L All	14517

COLT (DODGE)

Year	Model or Engine	Solenoid Switch
1971-78	1.6L All w/AT & w/MT	14491
1974-78	2.0L All w/AT & w/MT	14491
1974	2.0L optional w/AT	14517
1978	2.6L All w/AT & w/MT	14491
1979-84	1.3, 1.6L FWD (Hatch Back w/MT)	14517
1979	1.3, 1.6L, 2.6L w/AT	14491
1979	1.6L, 2.6L RWD w/MT	14517
1980-84	1.3, 1.6L w/AT	14517
1980-84	1.6L RWD	14517
1985-88	1.5L U.S.	14517

COMET

Year	Model or Engine	Solenoid Switch
1963-78	All	12881

** Internal solenoid for gear reduction starter.*

CONQUEST

Year	Model or Engine	Solenoid Switch
1984-87	2.6L All w/AT & MT	14517
1987-88	1.6L All	14517

CORDIA (MITSUBISHI)

Year	Model or Engine	Solenoid Switch
1983-84	1.8L 4-Speed	14491
1985-86	1.8L, 2.0L 5-Speed	14491
1985-86	2.0L w/AT	14517
1987-88	1.8L, 2.0L 5-Speed	14491
1987-88	2.0L w/AT	14531

CORTINA

Year	Model or Engine	Solenoid Switch
1964-67	1.5L Super, GT1500	14437

CORVETTE

Year	Model or Engine	Solenoid Switch
1982-83	All	14515
1972-81	All	14858
1963-71	All	13858

COURIER (FORD)

Year	Model or Engine	Solenoid Switch
1979-80	All 121, 2000 cc	14470
1978	121 Engine	14470
1977-78	110 Engine	14470
1972-78	All 110 Engine	14470

CRICKET

Year	Model or Engine	Solenoid Switch
1971-73	1.5L w/Lucas	14476
1971-73	1.5L w/Mitsubishi	14491

DAYTONA

Year	Model or Engine	Solenoid Switch
1984-88	2.2L All Bosch	14464
1986-88	2.6L All Bosch	14464

DODGE

Year	Model or Engine	Solenoid Switch
1988	4 cyl. 135 (2.2L), 153 (2.5L) Eng. All Models w/Str. #4419308	14464
1984-87	135 (2.2L) Eng. w/Bosch Starter	14464
1981-83	135 (2.2L) Eng. w/Bosch Starter	14464
1978-83	105 (1.7L) Eng. A.T. w/Bosch Starter	14464
1970-83	All Internal Solenoids	*S-2567
1981-82	"K" Series w/2.2L	14464
1963-69	All Internal Solenoids	*S-2488-C
	All w/MT & 11" Clutch	11846
1963-66	6 cyl. Canada w/MT	11866
	6 cyl. Canada w/AT	11867
1963	All 8 cyl. Canada	11803

DODGE TRUCK

Year	Model or Engine	Solenoid Switch
1988	4 cyl. 153 (2.5L) Eng. Caravan, Ram Van, Voyager	14464
1984-87	(2.2L) 135 w/Bosch Starter	14464
1975-82	All Internal Solenoids	*S-2567
1970-74	All Internal Solenoids	*S-2567
1970-71	All (w/Str. 2095150, 2098500)	*S-2488-C
1963-71	All Internal Solenoids	*S-2488-C

for starters

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DODGE TRUCK (cont'd)

Year	Model or Engine	Solenoid Switch
1962-71	All w/1889100, 2095753 Str.	11846
	MDU-7013 Str. w/MT	11846
	MDU-7013 Str. w/AT	11867

ESCORT/EXP (FORD)

Year	Model or Engine	Solenoid Switch
1981-82	4 cyl. Engine	12882

FIAT

Year	Model or Engine	Solenoid Switch
1968-73	(1 4L) 124 Series Sedan, Spl. Station Wagon	14482
1974-78	(1.6, 1.8L) 124 Series Dual Overhead Cam Engines	14482
1975-78	1.8L All 131 Series	14482
1979	1 8L All 131 Series AT & MT	14482
1965-73	All 850 Series	14480

FORD

Year	Model or Engine	Solenoid Switch
1984-86	4 cyl Diesel	14461
1985	Escort w/o Fuel Inj.	12882
1983-84	Crown Victoria w/302 Eng. exc. Canada	14460
	302, (5.0L) Eng. Crown Victoria Canada	12882
	All (exc, Crown Victoria w/302)	12882
1984	w/4 cyl. Diesel Engine	14366
1981-82	All	12882
1978-83	Fairmont	12882
1977-83	Thunderbird w/Separate Solenoid	12882
	Granada, 302 Eng. exc, VV or Hi-Alt. Carb.	12882
	Granada 302 Eng. 2 VV or Hi-Alt. Carb.	12881
	Granada 200, 250, 351 Engines	12882
1980	LTD w/351W - Canada	12882
	LTD w/302 - Canada	14460
	LTD w/302 (exc. Canada)	12882
	Fairmont, Mustang 8 cyl. - Calif.	14460
	Fairmont, Mustang 8 cyl. (exc. Calif)	12882
	Granada - Calif.	14460
	Granada (exc. Calif.)	12882
	Fairmont, Mustang 200	12882
	Pinto 140	12882
	Fairmont, Mustang 140 w/Turbo	14460
	Fairmont, Mustang 140 (exc. Turbo)	12882
1977-80	Thunderbird w Separate Solenoid	12882
1979	LTD w 351W - Calif.	14460
	LTD w/351W (exc. Calif.)	12882
	LTD w 302	14460
1978-79	Granada from 1-3-78	14460
	Fairmont	12882
1975-79	Pinto	12882
1974-82	Mustang II	12882
1973-79	LTD II, Torino	12882
1977-78	Granada w/302 & VV or Hi-Alt.	14460
	Granada 302 (exc. VV or Hi-Alt.)	12882
1975-78	Granada Mfg. Prior to 1-3-78	12882
1973-78	LTD w/Separate Solenoid	12882
1975-77	Maverick	12881
1970-77	400, 460 w/Integral Solenoid	14365
1975-76	Thunderbird, w/Separate Solenoid	12882
1970-74	Maverick, Pinto	12881
1970-73	Mustang	12881
1972	Thunderbird, Torino w/Separate Solenoid	12881

FORD (cont'd)

Year	Model or Engine	Solenoid Switch
1970-72	LTD, Galaxie	12881
1970-71	Falcon, Fairlane, Torino	12881
1969-72	All w/Integral Solenoid	14365
	Fairlane, Torino, Thunderbird w/Integral Solenoid	14365
1965-72	Ford w/Separate Solenoid	12881
1965-71	Fairlane, Torino w/Separate Solenoid	12881
1963-70	Falcon	12881
1963-64	All	12881

FORD TRUCKS

Year	Model or Engine	Solenoid Switch
1985-86	7.5L 460	12882
1985	E, F250 w/351 (Leaded Fuel)	12882
	E, F350; E, F150/250 w/302 Eng (Calif.)	12882
	8 cyl. 302 (5 0L) Eng. E-150, F-150, E-250, F-250, Bronco exc. Calif.	14460
1984	Bronco, Ranger (exc. 2.2L Diesel)	12882
1980-84	All E Series	14460
	All F Series, Bronco	12882
1983	Ranger exc. Diesel	12882
1977-82	Courier 140 Eng. w/Std. Trans.	14470
1979-81	Courier 121 Eng. (Before 11/80)	14470
1967-82	Bronco	12881
1963-83	All w/Ford Starter	12881
1979	All	14460
1972-78	Courier 110 Eng.	14470
1970-78	All 6 & 8 cyl. (exc. 460 1973-77)	12881
1973-77	All 460 Eng.	14365
1965	170 Eng. P100 w Prestolite Starter	11803
1963-64	All w Prestolite Starter	11803
	All w/Delco Starter	13858

GALANT (MITSUBISHI)

Year	Model or Engine	Solenoid Switch
1984-85	2.3L w/AT	14517
1986-88	2.3L All	14531

GMC TRUCKS

Year	Model or Engine	Solenoid Switch
1989	4 cyl. 151 (E) (2.5L) Eng. All Models	14515
	6 cyl. 173 (R) (2.8L) Eng. All Models	14515
	6 cyl. 262 (Z) (4.3L) Eng. G-15, M-15 Safari; G-25, G-35	14515
	6 cyl. 292 (T) (4.8L) Eng. V-35 w MT	14515
	6 cyl. 292 (T) (4.8L) Eng. P-25, R-25, R-25 Suburban, P-35, R-35	14515
	8 cyl. 305 (H) (5.0L) Eng. C-15, G-15, C-25, G-25, C-35, G-35	14515
	8 cyl. 305 (H) (5.0L) Eng. K-15, K-25, K-35 w/MT	14515
	8 cyl. 350 (K) (5.7L), 454 (N) (W) (7.4L) Eng. C-15, G-15, R-15, R-15 Suburban, C-25, G-25, P-25, R-25, R-25 Suburban, C-35, G-35, P-35, R-35	14515
	8 cyl. 350 (K) (5.7L), 454 (N) (W) (7 4L) Eng. K-15, V-15, V-15 Jimmy, V-15 Suburban, K-25, V-25, V-25 Suburban, K-35, V-35 w/MT	14515
1988	4 cyl. 151 (E) (2 5L) Eng., M-15 Safari, S-15, S-15 Jimmy, T-15, T-15 Jimmy	14515
	6 cyl. 173 (R) (2.8L) Eng. S-15, S-15 Jimmy, T-15, T-15 Jimmy	14515
	6 cyl. 262 (Z) (4.3L) Eng. G-15, M-15 Safari, G-25, G-35	14515

solenoid switches for starters

application for passenger cars & light trucks

GMC TRUCKS (cont'd)

Year	Model or Engine	Solenoid Switch
1988	6 cyl. 292 (T) (4.8L) Eng. P-25, R-25, R-25 Suburban, P-35, R-35	14515
	6 cyl. 292 (T) (4.8L) Eng. V-25, V-25 Suburban, V-35 w/MT	14515
	8 cyl. 305 (H) (5.0L) Eng. C-15, G-15, C-25, G-25, G-35	14515
	8 cyl. 305 (H) (5.0L) Eng. K-15, K-25 w/MT	14515
	8 cyl. 350 (K) (5.7L) Eng. C-15, G-15, R-15, R-15 Suburban, C-25, G-25, R-25, R-25 Suburban, C-35, G-35, P-35, R-35	14515
	8 cyl. 350 (K) (5.7L) Eng. K-15, V-15, V-15 Jimmy, V-15 Suburban, K-25, V-25, V-25 Suburban, K-35, V-35 w/MT	14515
	8 cyl. 350 (M) (5.7L) Eng. G-25, P-25, R-25, R-25 Suburban, G-35, P-35, R-35	14515
	8 cyl. 350 (M) (5.7L) Eng. V-25, V-25 Suburban, V-35 w/MT	14515
	8 cyl. 379 (C) (J) (6.2L) Eng. R-15, R-15 Suburban, C-25, G-25, P-25, R-25, R-25 Suburban, C-35, G-35, P-35, R-35	14858
	8 cyl. 454 (N) (7.4L) Eng. R-25, R-25 Suburban, C-35, G-35, K-35, R-35	14515
	8 cyl. 454 (N) (7.4L) Eng. V-25, V-25 Suburban, V-35 w/MT	14515
	8 cyl. 454 (W) (7.4L) Eng. R-25, R-25 Suburban, P-35, R-35	14515
	8 cyl. 454 (W) (7.4L) Eng. V-25, V-25 Suburban, V-35 w/MT	14515
1982-86	All (exc. 1.9L "K" 4WD, "G" Series w/454 or Diesel)	14515
1983	5.7L (350P), 6.2L (381 Diesel)	13858
1982-83	All except 1114524	14515
1976-81	All	13858
1973-75	All	13858
1970-75	All (exc. 1975 350 cu. in.)	13858
1963-72	All exc. Diesel	13858
1967-70	Series 25, 35 w/3-53 Diesel	13510
1963-66	All	13858

HONDA

Year	Model or Engine	Solenoid Switch
1977	Civic 1200, CVCC SB-1	14486
1977-79	1.2L All HIT	14528
1978-79	1.2L All NPD	14528
1976-78	Accord 1600, CVCC	14490
1976	Civic 1500, CVCC	14490
1975-77	Civic 1500, CVCC, Civic 1200	14490
1973-76	Civic 1200, 1500	14486
1971-76	600	14487

HORIZON (PLYMOUTH)

Year	Model or Engine	Solenoid Switch
1978-82	2.2L w/AT	14464

HORIZON, TC3

Year	Model or Engine	Solenoid Switch
1978-82	1.7L w/AT w/MT w/Nippondenso	14534
1978-82	1.7L w/AT w/Bosch	14464
1983-85	2.2L Bosch	14464
1986-88	2.6L Bosch	14464

INTERNATIONAL TRUCKS

Year	Model or Engine	Solenoid Switch
1978-83	All w/Starter 1109356, 58	14858
1970-83	All w/Starter 1114052, 58, 64, 70, 71, 74, 88, 98, 107, 22, 29, 34, 45, 65, 72, 87, 99, 34	15556
	All w Starter 1107678, 79, 80, 709, 10; 1108278, 341, 84, 478, 515, 769; 1109256	14858
1976-81	All	13858
1970-75	All w/Starter 1109630; 1113905, 14, 38	15559
	All w/Starter 1113167, 68, 72, 73, 83, 217, 18, 644, 50, 54	13510
1963-78	All	13858

ISUZU

Year	Model or Engine	Solenoid Switch
1969-75	Hitachi Thermo King	14418

JAGUAR

Year	Model or Engine	Solenoid Switch
1968-72	(4.2L) XJ6 w/MT	14476
1973-86	(4.2L) XJ6, Vanden Plas	14442
1976-79	(5.3L) XJ-12	14443
1976-87	(5.3L) XJS-HE	14443
1953-61	All XK120, XK140, XK150	14476
1961-65	(3.8L) XKE	14476
1965-66	(4.2L) XKE	14442
1967-71	(4.2L) XKE	14442
1973-76	(5.3L) XKE	14443
1962-64	(3.8L) MKX	14476
1965-66	(4.2L) MKX	14442
1956-62	(2.5L) 240 MKI, II	14476
1957-66	(3.4L) MKI, II	14476
1960-67	(3.8L) 3.8S, MKII	14476
1960-67	(3.8L) 3.8S Sedan	14476
1967-68	(3.4L) 340 Sedan	14476
1967-68	(4.2L) 420, 420G	14442

JEEP

Year	Model or Engine	Solenoid Switch
1981-82	6 cyl. Engine	12887
1980-81	4 cyl.	14858
1977-80	All w/Str. 3231371, 372	12887
1975-77	All	12882
1972-74	All	12881
1970-71	4 cyl. & V6 Prestolite	11851
	4 cyl. & V6 Delco	13858
	V8, All	13858
1963-71	All w/Delco Starter	13858
	All w/MCH Starter	13863
	All w/MDU, MDY Starter	11851

LANCER, LE BARON, LE BARON STATION WAGON

Year	Model or Engine	Solenoid Switch
1981-88	2.2L All Bosch	14464
1986-88	2.6L All Bosch	14464

LINCOLN

Year	Model or Engine	Solenoid Switch
1981-84	All exc. Can. exc. Continental	14460
	All Can. exc. Continental	12882
	Continental	12882
1980	All	12882

LINCOLN (cont'd)

Year	Model or Engine	Solenoid Switch
1978-79	All	14460
1977	Versailles w/351 Eng.	12882
	Versailles w/302 Eng.	12881
	Continental & Mark Series	12881
1970-76	All w Separate Solenoid	12881
	All w/Integral Solenoid	14365
1963-82	All w/Separate Solenoid	12881
1968-77	All w/Integral Solenoid	14365

MAZDA

Year	Model or Engine	Solenoid Switch
1977-78	(1.3L) GLC	14491
1979-80	(1.4L) GLC w/AT & MT	14491
1981-83	(1.5L) GLC w/FWD & Station Wagon w/RWD w/AT & MT	14491
1976-77	(1.3L) Mizer All	14491
1973	(1.2L) RX-3 w/MT	14491
1981	(1.2L) RX-7 w/MT	14491
1971-73	(1.6, 1.8L) 616 & 618 All	14491
1979-85	(2.0L) 626 All Gas w/AT & MT	14491
1986-87	(2.0L) 626 w/AT	14491
1972-77	(1.3, 1.6L) 808 All	14491
1972-76	(1.6L) B1600 Pickup Truck	14491
1976-78	(1.8L) B1800 Pickup Truck	14491
1974-77	(1.3L) Rotary Pickup w/MT	14491
1979-84	(2.0L) All B2000 Pickup	14491

MERCEDES BENZ

Year	Model or Engine	Solenoid Switch
1958-60	(2.0L) 180DB	14416
1961-62	(1.8L) 180DC	14416
1959-65	(1.9L) 190C & (6 volt)	14417
1961-65	(1.9L) 190DB	14415
1965-68	(2.0L) 200	14417
1969-70	(2.0L) 200D	14430
1967-76	(2.2L) 220D	14430
1967-68	(2.3L) 230	14417
1973-76	(2.3L) 230/4	14467
1967-76	(2.3L) 230/6	14467
1967-68	(2.3L) 230S	14417
1963-67	(2.3L) 230SL	14417
1974-86	(2.4L) 240D	14430
1968	(2.8L) 250C	14417
1965-69	(2.5L) 250SE	14417
1966-68	(2.5L) 250SL, 250SEC	14417
1972-76	(2.8L) 280, 280C	14467
1977-85	(2.8L) 280CE	14467
1976-78	(2.8L) 280E, 280SE	14467
1968	(2.8L) 280S, 280SE, 280SL	14417
1978-81	(3.0L) 300CD	14430
1975-85	(3.0L) 300D	14430
1978-87	(3.0L) 300SD, 300TD	14430
1981-85	(3.0L) 300SDL	14430
1981-87	(3.8L) 380SEC, 380SEL	14467
1980-81	(3.8L) 380SL, 380SLC	14467
1985-87	(4.2L) 420SEL	14467
1972-76	(4.5L) 450SE	14467
1976-80	(4.5L) 450SEL, 450SLC	14467
1976-80	(6.9L) 450SEL	14467
1981-87	(5.0L) 500SEC, SEL	14467
1985-87	(5.6L) 560SEC, SEL, SL	14467

MERCURY

Year	Model or Engine	Solenoid Switch
1984-86	4 cyl. Diesel	14461

MERCURY (cont'd)

Year	Model or Engine	Solenoid Switch
1985	Lynx w/o Fuel Inj.	14460
1983-85	Gran Marquis	14460
1983-84	All (exc. Gran Marquis or 4 cyl. Diesel)	12882
1982	All	12882
1981	Mercury 351 (Calif.)	14460
	Mercury 351 (exc. Calif.)	12882
	Mercury 255, 302	14460
	Cougar XR7 (Calif.)	14460
	Cougar XR7 (exc. Calif.)	12882
	Cougar (exc. XR7)	12882
	Capri, Lynx, Zephyr	12882
1980	6 & 8 cyl. - Calif. (exc. Cougar)	14460
	140 w/Turbo	14460
	Cougar	12882
	6 & 8 cyl. (exc. Calif.)	12882
	140 exc. Turbo	12882
1979	Marquis	14460
	Capri	12882
1978-82	Zephyr	12882
1978-79	Monarch	14460
1974-79	Bobcat, Cougar	12882
1973-78	Marquis w/o Work Type Solenoid	12882
1977	Monarch (exc. 302 Eng.)	12882
	Monarch w/302 & V.V. or Hi-Alt.	12881
	Monarch w/302 (exc. V.V. or Hi-Alt.)	12882
1975-77	Comet	12881
1970-77	400, 429, 460 w/Integral Solenoid	14365
1975-76	Monarch	12882
1972-76	Montego w/o Work Type Solenoid	12882
1974	Bobcat	12881
1970-74	Comet	12881
1970-73	Cougar	12881
1970-72	Mercury (full size) w/Separate Solenoid	12881
1970-71	Montego w/Separate Solenoid	12881
1963-82	Mercury, Meteor, All w/Separate Solenoid	12882
	Montego, All w/Separate Solenoid	12882
1963-78	Comet	12881
1970-76	Cougar w/Integral Solenoid	14365
1974	Bobcat, All	12881
1967-63	Cougar w/Separate Solenoid	12881
1963-71	Montego, All w/Separate Solenoid	12881

MERCURY LYNX/LN-7

Year	Model or Engine	Solenoid Switch
1981-82	4 cyl. Engine	12882

MIRAGE (MITSUBISHI)

Year	Model or Engine	Solenoid Switch
1985-88	(1.5L & 1.6L) w/AT & w/MT (including Turbo)	14531

MONTERO (MITSUBISHI)

Year	Model or Engine	Solenoid Switch
1984-86	2.6L All	14517
1987-88	2.6L w/MT	14531

MITSUBISHI PICKUP

Year	Model or Engine	Solenoid Switch
1983	(2.6L) 5-Speed 2 & 4WD	14517
1983	(2.0L) 4-Speed 2 & 4WD	14517
1983	(2.3L) Turbo Diesel All	14530
1984	(2.3L) Turbo Diesel 2WD All	14517
1985	(2.0L) Gas w/MT 4WD	14517
1985-86	(2.3L) Mighty Max Turbo Diesel All	14530

solenoid switches for starters

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MITSUBISHI (cont'd)

Year	Model or Engine	Solenoid Switch
1986	(2.0L) Pickup 5-Speed	14517
1987-88	(2.0L) Mighty Max w/MT & w/AT w/2WD Short Bed	14531
1987-88	(2.6L) Mighty Max w/MT 2 & 4WD Long & Short Bed	14531

MG

Year	Model or Engine	Solenoid Switch
1968-80	MGB & GT Early	14439
1969-71	MGB, CT, MGC	14476
1968-71	Midget MK III 1275 cc	14476
1968-69	MGC	14440

NISSAN (DATSUN)

Year	Model or Engine	Solenoid Switch
1988	4 cyl. 1600 cc Eng. Pulsar w/MT. Cal.	14527
1987-88	6 cyl. 2959 cc Eng. 200SX	14505
1985-86	6 cyl. 2959 cc Eng. 300SX	14505
1983-85	(1.6L) Pulsar w/MT Hitachi	14527
1982-84	(1.6L) Sentra All w/MT Hitachi	14527
1982-86	(2.0L) Stanza All	14527
1970-73	(2.4L) 240Z w/AT	14486
1970-73	(2.4L) 240Z w/MT	14473
1974	(2.6L) 260Z w/AT	14486
1974	(2.6L) 260Z w/MT	14473
1975-77	(2.8L) 280Z w/AT	14486
1975-77	(2.8L) 280Z w/MT	14473
1975-83	(2.8L) 280Z, ZX (including Turbo)	14505
1971-73	(1.2L) All 110 Series	14472
1976-83	(2.0L) 200SX w/MT	14486
1976-77	(2.0L) 200SX w/AT	14473
1978-79	(2.0L) 200SX w/AT	14486
1978-83	(2.0L) 200SX w/AT (optional)	14505
1980-83	(2.0L) 200SX w/AT	14486
1981-83	(2.2L) 200SX w/MT	14486
1984-86	(1.8L) 200SX Turbo	14527
1984-86	(1.8L) 200SX Turbo (optional)	14505
1984-86	(2.0L) 200SX All	14527
1984-86	(2.0L) 200SX (optional)	14505
1974	(1.3L) 8210 All	14472
1975-78	(1.4L) B210	14472
1978-82	All 210 Series	14472
1976-78	(1.4L) F-10	14472
1979-81	(1.4, 1.5L) 310 w/MT	14472
1982-83	(1.5L) 310 w/AT	14527
1967-70	(1.6, 2.0L) SPL-311, SRL-311	14473
1963-65	(1.2L) 410	14472
1966-67	(1.3L) 411	14473
1968-73	(1.6L) 510 Std.	14473
1968-73	(1.6L) 510 H.D.	14486
1978-79	(2.0L) 510 w/MT & w/AT	14486
1974-79	(1.8, 2.0L) 610 w/MT	14473
1974-79	(1.8, 2.0L) 610 H.D. MT & AT	14486
1974-79	(1.8, 2.0L) 610 All (optional)	14505
1974-77	(1.8, 2.0L) 710 w/MT	14486
1974-77	(1.8, 2.0L) 710 w/AT	14473
1974-77	(2.0L) 710 All H.D.	14486
1976-77	(2.4L) 810 w/AT	14486
1976-77	(2.4L) 810 w/MT	14473
1978-80	(2.4L) 810 All	14505
1981-84	(2.4L) 810 Gas	14505
1965-69	(1.3L) 520 Pickup	14472
1963-76	(1.3L) 521 Pickup	14472
1968-69	(1.6L) 521 Pickup	14472
1970-71	(1.6L) 521 Pickup	14473
1972-73	(1.6L) 620 Pickup w/MT	14473
1972-73	(1.6L) 620 Pickup w/AT	14486
1974-79	(1.8, 2.0L) 620 Pickup w/MT	14473
1974-79	(1.8, 2.0L) 620 Pickup w/AT	14486
1974-79	(1.8, 2.0L) 620 Pickup (optional)	14505
1980	(2.0L) 720 Pickup w/MT & w/AT	14486
1980	(2.0L) 720 Pickup (optional)	14505
1981-82	(2.2L) 720 Pickup w/MT	14486
1981-82	(2.2L) 720 Pickup Canada (U.S. optional)	14505
1983-84	(2.4L) 720 Pickup Canada (U.S. optional)	14505
1965-71	All Patrol Jeep	14473

OLDSMOBILE

Year	Model or Engine	Solenoid Switch
1989	4 cyl. 140 (A) (D) (2.3L) Eng. Calais	14515
	4 cyl. 151 (R) (2.5L) Eng. Ciera	14515
	6 cyl. 173 (W) (2.8L) Eng. Ciera, Cutlass	14515
	6 cyl. 189 (T) (3.1L) Eng. Cutlass	14515
	6 cyl. 200 (N) (3.3L) Eng. Calais, Ciera	14515
	6 cyl. 231 (C) (3.8L) Eng. Delta 88, Ninety Eight	14515
	8 cyl. 307 (Y) (5.0L) Eng. Custom Cruiser	14515
1988	4 cyl. 122 (K) (2.0L) Eng. Firenza w/Str. 1998529	14515
	4 cyl. 122 (I) (2.0L) Eng. Firenza	14515
	4 cyl. 140 (D) (2.3L) Eng. Calais	14515
	4 cyl. 151 (R) (2.5L) Eng. Ciera	14515
	4 cyl. 151 (U) (2.5L) Eng. Calais w/Str. 1998531	14515
	6 cyl. 173 (W) (2.8L) Eng. Cutlass, Ciera w/Str. 10455019	14515
	6 cyl. 183 (L) (3.0L) Eng. Calais	14515
	6 cyl. 231 (C) (3) (3.8L) Eng. Ciera, Delta 88, Ninety Eight	14515
	8 cyl. 307 (Y) (5.0L) Eng. Custom Cruiser Cutlass	14515
1987	All exc. 2.8W, 3.8-3 Eng.	14515
1986	All exc. 2.8W, 2.8X, 3.8B Eng.	14515
1985	All exc. 2.8W (Str. 1998533) 4.3T Eng.	14515
1982-84	All exc. Diesel	14515
1983	All	14515
1982	All Diesel	14515
1981	151, (2.8L), 260F Eng.	14858
	231A, -3, 4.1L 267 Eng.	14858
	307, 350N Eng. exc. Toronado	14858
1980	Omega	14858
	Toronado	14858
	305H Eng. Calif.	14858
	350R Eng.	14858
	All Others exc. 231A, 260P, 350N Eng.	14858
1979	151, 260F, 305H Eng.	14858
	350L Eng. A.T. exc. Cutlass	14858
	231, 260P, 305G, U, 350R, 403 Eng.	14858
1978-79	350N Eng.	14858
1978	200, 305 Eng. Cutlass	14858
	305 Eng. exc. Cutlass	14858
	151, 260, 301 Eng	14858
	231, 350L R, 403 Eng.	14858
1976-81	All	13858
1963-75	All	13858

OMNI, 024 (DODGE)

Year	Model or Engine	Solenoid Switch
1978-82	1.7L w/Nippondenso	14534
1978-82	1.7L w/AT Bosch	14464
1983-85	2.2L Bosch	14464
1986-88	2.6L Bosch	14464

OPEL (BUICK)

Year	Model or Engine	Solenoid Switch
1976-79	Isuzu MFG	14486
1974-75	All	14463
1973-74	All w/Delco	14419
1972-73	1900, Manta	14463
1968-71	GT, 1900 cc, 90 H.D.	14463
1968-70	Kadett (1.5, 1.9L)	14463

PEUGEOT

Year	Model or Engine	Solenoid Switch
1981-84	505 Gas 2.0L	14521
1975	504 GLD	14503
1974-77	504	14502

PLYMOUTH

Year	Model or Engine	Solenoid Switch
1988	4 cyl. 135 (2.2L), 153 (2.5L) Eng. All Models w Str. 4419308	14464
1984-87	135 (2.2L) Eng. w/Bosch Starter	14464
1981-83	135 (2.2L) Eng. w/Bosch Starter	14464
1978-83	105 (1.7L) Eng. A.T. w/Bosch Starter	14464
1972-82	All Internal Solenoids	*S-2567
1981-82	"K" Series w/(2.2L)	14464
1963-69	All Internal Solenoids	*S-2488-C
	All w/MT & 11" Clutch	11846
1963-66	6 cyl. Canada w/MT	11866
	6 cyl. Canada w/AT	11867
1963	All 8 cyl. Canada	11803

PONTIAC

Year	Model or Engine	Solenoid Switch
1989	4 cyl. 122 (K) (2.0L) Eng. Le Mans	14515
	4 cyl. 140 (D) (2.3L) Eng. Grand Am	14515
	4 cyl. 151 (R) (2.5L) Eng. 6000	14515
	6 cyl. 173 (S) (2.8L) Eng. Firebird	14515
	6 cyl. 173 (W) (2.8L) Eng. Grand Prix w/Str. 10455019	14515
	6 cyl. 173 (W) (2.8L), 189 (T) (3.1L) Eng. 6000	14515
	6 cyl. 231 (C) (3.8L) Eng. Bonneville	14515
	6 cyl. 231 (7) (3.8L) Eng. Firebird	14515
	8 cyl. 305 (E) (F) (5.0L) Eng. Firebird	14515
	8 cyl 307 (4) (5.0L) Eng. Safari	14515
	8 cyl. 350 (8) (5.7L) Eng. Firebird	14515
1988	4 cyl. 122 (K) (M) (2.0L) Eng. Sunbird w Str. 10455021	14515
	4 cyl. 122 (M) (2.0L), 151 (U) (2.5L) Eng. Grand Am w/Str. 10455021, 10455022	14515
	4 cyl. 140 (D) (2.3L) Eng. Grand Am	14515
	4 cyl. 151 (R) (2.5L) Eng. 6000	14515
	6 cyl. 173 (S) (2.8L) Eng. Firebird	14515
	6 cyl 173 (W) (2.8L) Eng. Grand Prix. 6000 w/Str. 10455023	14515
	6 cyl. 189 (T) (3.1L) Eng. 6000 w/Str. 10455023	14515
	6 cyl. 231 (C) (3) (3.8L) Eng. Bonneville	14515
	8 cyl. 307 (Y) (5.0L) Eng. Safari	14515
	8 cyl. 305 (E) (F) (5.0L), 350 (8) (5.7L) Eng. Firebird	14515
1985-87	All (exc. Str. 1998503, 1998533)	14515
1982-84	All (exc. 1 8L Diesel or 4.3L w/Mitsubishi Starter)	14515
1982-83	All	14515

* *Internal solenoid for gear reduction starter*

PONTIAC (cont'd)

Year	Model or Engine	Solenoid Switch
1976-81	All (exc. 151 Engine)	13858
1970-81	All	13858
1973-75	All (exc. 400, 455 Engine)	13858
	All (w/400, 455 Engine)	13858
1963-72	All	13858

PORSCHE

Year	Model or Engine	Solenoid Switch
1960-65	(1.6L) 356B, 356C	14458
1965-69	(2.0L) 911, L, T	14461
1970-71	(2.2L) 911E, S, T	14461
1986-87	(3.3L) 911 Turbo	14467
1967-69	(1.6L) 912	14461
1970-73	(1.7L) 914/1.7 w/MT	14462
1974-75	(1.8L) 914/1.8 All	14462
1976-82	(2.0L) 924	14467
1980-82	(2.0L) 924 Turbo	14467
1983-84	(2.5L) 944	14467

RAMPAGE & SCAMP

Year	Model or Engine	Solenoid Switch
1981-84	2.2L Scamp Bosch	14464

RAM VAN

Year	Model or Engine	Solenoid Switch
1986-88	All 2.2L & 2.6L Bosch	14464

RELIANT

Year	Model or Engine	Solenoid Switch
1981-85	All 2.2L Bosch	14464
1981-85	All 2.2L Nippondenso	14534

RENAULT

Year	Model or Engine	Solenoid Switch
1976-80	R-17	14503
1976-79	R-5 LeCar	14504
1973-76	R-17, TS	14500
1969-72	R-16	14503

SAAB

Year	Model or Engine	Solenoid Switch
1969-73	(1.7L) 95 & 96 Series All	14424
1970-74	(2.0L) 99 Series All	14424
1985-87	(2.0L) 900 Series All	14465

SAPPORO (PLYMOUTH)

Year	Model or Engine	Solenoid Switch
1978	1.6L All	14491
1978	2.6L All	14491
1979-80	1.6L w/MT	14517
1979-80	1.6L w/AT	14491
1979-80	2.6L w/AT & w/MT	14491
1981-83	All	14517

STARION (MITSUBISHI)

Year	Model or Engine	Solenoid Switch
1983-87	2.6L All	14517

solenoid switches for starters

application for passenger cars & light trucks

STUDEBAKER

Year	Model or Engine	Solenoid Switch
1965-66	All	13858
1963-64	All	12881

SUBARU

Year	Model or Engine	Solenoid Switch
1970-72	(1.1 & 1.3L) 1100 & 1300 Series All	14496
1973-76	(1.4L) 1400 Series All	14496
1976-83	(1.6L) 1600 Series All	14496
1980	(1.8L) 1800 Series All	14496
1981-84	(1.8L) 1800 Series w/MT	14496
1979-80	(1.6L) Brat All	14496
1981-88	(1.8L) Brat w/MT	14496

SUNBEAM

Year	Model or Engine	Solenoid Switch
1968-71	Alpine V	14476
1970-71	Alpine, Arrow (exc. Cold Climate)	14476

TEMPEST LE MANS (PONTIAC)

Year	Model or Engine	Solenoid Switch
1982-83	All	14515
1976-81	All	13858
1973-75	All exc. 455SD	13858
1972	All 6 cyl. & 8 cyl. Ventura exc. 350 Engine	13858
	All 6 & 8 cyl. Le Mans exc. Str. 1108495, 98	13858
1968-71	All exc. Hi-Output 1109353, 436 Str.	13858
1961-67	All	13858

TOYOTA

Year	Model or Engine	Solenoid Switch
1972-73	(1.6L) Carina standard	14470
1972-73	(1.5L) Carina optional	14494
1971	(1.9L) Celica standard	14492
1971	(1.9L) Celica optional	14470
1972-74	(2.0L) Celica standard	14492
1972-74	(2.0L) Celica optional	14496
1972-74	(2.0L) Celica optional H.D.	14470
1975-80	(2.2L) Celica standard	14470
1968-69	(1.1L) Corolla	14470
1969-72	(1.2L) Corolla	14470
1973-74	(1.2L) Corolla	14470
1971-75	(1.6L) Corolla standard	14470
1971-75	(1.6L) Corolla ca. only	14494
1968-70	(1.9L) Corona w/Flat Case	14470
1968-71	(1.9L) Corona	14492
1972-73	(2.0L) Corona	14470
1975-79	(2.2L) Corona	14470
1979-80	(2.2L) Corona	14494
1972	(2.3L) Corona MKII	14470
1969-71	(1.9L) Corona MKII	14470
1970-71	(2.0L) Corona MKII	14470
1978	(2.6L) Cressida	14470
1968-71	(2.3L) Crown	14470
1971-72	(2.6L) Crown	14470
1960-72	(3.9L) Landcruiser	14470
1969-72	(1.9L) Pickup Trucks & 4 Runner	14492
1971-74	(2.0L) Pickup Trucks & 4 Runner	14470
1971-74	(2.0L) Pickup Trucks & 4 Runner	14492
1975-80	(2.2L) Pickup Trucks & 4 Runner	14494
1981-83	(1.3L) Starlet	14523

TREDIA (MITSUBISHI)

Year	Model or Engine	Solenoid Switch
1983	(1.8L) 4-Speed	14491
1985-86	(1.8L), 2.0L 5-Speed	14491
1985-86	(2.0L) w/AT	14517
1987-88	(1.8L), 2.0L 5-Speed	14491
1987-88	(2.0L) w/AT	14531

TRIUMPH

Year	Model or Engine	Solenoid Switch
1967-74	(2.0L) GT6, GT6+	14476
1963-80	All Spitfire	14476
1971-73	(3.0L) Stag	14439
1954-63	(2.0L) TR2, 3	14476
1962-67	(2.1L) TR4	14476
1969-76	(2.1L) TR6	14476
1975-81	(2.0L) TR1	14476
1968	(2.5L) TR250	14476

TURISMO

Year	Model or Engine	Solenoid Switch
1983-85	2.2L Bosch	14464
1986-88	2.6L Bosch	14464

VISTA STATION WAGON

Year	Model or Engine	Solenoid Switch
1984-86	2.0L w/MT	14491
1984-86	2.0L w/AT	14517
1987-88	2.0L w/MT	14531
1987-88	2.0L w/AT	14517

VOLKSWAGEN

Year	Model or Engine	Solenoid Switch
1954-65	(1.2L) 1200 Type I	14458
1966	(1.3L) 1300 Karmann Ghia Type I	14459
1967-68	(1.5L) 1500 w/MT Type I	14460
1967-69	(1.5L) 1500 w/AT Type I	14461
1969	(1.5L) 1500 w/MT Type I	14462
1970-79	(1.6L) 1600 w/MT Type I	14462
1970-79	(1.6L) 1600 w/AT Type I	14461
1960-64	(1.2L) 1200 Type II	14458
1965-67	(1.5L) 1500 Type II	14459
1967-68	(1.6L) 1600 Type II	14460
1969-71	(1.6L) 1700 Type II	14462
1972-75	(1.7L) 1700 w/AT Type II	14461
1972-75	(1.7L) 1700 w/MT Type II	14462
1974-75	(1.8L) 1800 w/AT Type II	14461
1974-75	(1.8L) 1800 w/MT Type II	14462
1976-81	(2.0L) 2000 w/AT Type II	14461
1976-81	(2.0L) 2000 w/MT Type II	14462
1963-65	(1.5L) 1500 w/MT Type III	14459
1965-68	(1.6L) 1600 w/MT Type III	14460
1969-73	(1.6L) 1600 w/MT Type III	14462
1969-73	(1.6L) 1600 w/AT Type III	14461
1971-73	(1.7L) 1700 Type IV	14462
1974	(1.8L) 1800 Type IV	14462
1973-74	(1.6L) 1600 w/MT Type 181 Thing	14461
1985-87	(1.8L) Cabriolet w/AT	14465
1980-81	(1.6L) Jetta w/MT	14466
1982-83	(1.7L) Jetta w/MT	14466
1984	(1.8L) Jetta w/MT	14466
1981-84	(1.7L) Pickup w/MT	14466
1976	(1.6L) Rabbit w/MT	14466
1977-78	(1.5, 1.6L) Rabbit w/MT	14466
1979-80	(1.5, 1.6L) Rabbit w/MT	14466
1981-84	(1.7L) Rabbit w/MT	14466

for starters

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VOLKSWAGEN (cont'd)

Year	Model or Engine	Solenoid Switch
1976	(1 6L) Scirocco w/MT	14466
1977-80	(1.5, 1.6L) Scirocco w/MT	14466
1980-81	(2.0L) Vanagon w/MT (Water Cooled)	14462

VOLVO

Year	Model or Engine	Solenoid Switch
1980-84	(2.1L) DL, GL, GLT. GT	14428
1980-84	(2.3L) DL, GL, GLT. GT	14428
1970-74	(3.0L) All 160 Series	14469
1975	(3 0L) All 160 Series	14428
1975-78	(2.0L) 242, 244, 245	14428
1975-78	(2.1L) 242, 244, 245	14428

VOLVO (cont'd)

Year	Model or Engine	Solenoid Switch
1985-87	(2.3L) DL, GL	14428
1965	(1.8L) 544	14423
1985-87	(2.3L) 740	14428
1985-86	(2.3L) 760 Gas Turbo	14428
1960-64	(1.8L) 1800 Series	14428
1965-73	(2.0L) 1800 Series	14428

VOYAGER (CHRYSLER)

Year	Model or Engine	Solenoid Switch
1983-85	2.2L All	14464
1986-88	2.2L & 2.5L All	14464

application for trucks

AUTOCAR

Year	Volts	Engine or Model	Starter	Solenoid Switch
1975-77	12	w/all Cumm. Cat. 1674, 3306	1114157, 58	19879
	24	w/all Cumm	1113850	19848
	24	KT450, 3406	1109631, 977	19848
1973-77	12	w/Cumm	1114720	19879
	24	1693T, 1693TA	1109989	19848
1973-74	12	6-71, 6V-71, 8V-71	1114128, 34	19879
1971-72	12	V-903, 1673-C, 1674, 6-71N, 8V-71N	1114128, 45, 48, 61	19879
	24	1693-T, 1693-TA	1109961, 989	19848
1968-71	12	Exc. C-160, V-903	1114157	19879
1968-70	24	Optional	1113842	19848
1968	12	6V-53, 6-71, 8V-71, 1674	1114128, 29, 1114154, 59	19879
	12	1673	1114087	19862
1963-65	24	NH-220, 250; HRF; V8-265	1113842	19848

BROCKWAY

Year	Volts	Engine or Model	Starter	Solenoid Switch
1967-73	12	Delco	1113139, 164, 1113179	13510
	12	Delco	1113708	19803
	12	Delco	1114087	19862
	12	Delco	1114056, 70, 72, 74, 76, 86, 88, 90, 128, 136, 158	19879
	24	Delco	1113831, 914, 958, 959	19848
1966-69	12	Prestolite	MAS-4102	11855
	12	Prestolite	ML-4301, 4, 48	11855
1963-67	12	Prestolite	MAS-4003	11855
1963-66	6	Prestolite	MAB-4071	11855
	6	Prestolite	ML-4180	11855
	6	Prestolite	ML-4303, 18	11855

CHEVROLET

Year	Volts	Engine or Model	Starter	Solenoid Switch
1983	12	(2.0L) 121 4 Cyl		14515
1982-83	12	(2.8L) 173 6 Cyl		14515
		(4.1L) 250, (4.8L) 292 C, G, P Series		14515
1963-81		All 6 Cyl		13858
1960-62		All wo/H.T.		13858
		w/H.T		13858
1983		8 Cyl. (5.0L) (305F) Calif		14515
		(5.0L) 305H C Series		14515
		G Series		14515
		(5.7L) 350L, M C, G, P Series		14515
		(5.7L) 350P (6.2L) 381 Diesel		13858
		(7.4L) 454 C, P Series		14515
1982		(5.0L) 305 C Series		14515
		G Series		14515
		P Series exc. Calif.		14515
		(5.7L) 350L C, G, P Series		14515
		(5.7L) 350M (6.2L) 381 Diesel		14515
		(7.4L) 454 C, P Series		14515
1960-81		All		13858
1980	12	8-2L, 8-2TL (Dsl.)	1114771	19879
	12	453T (Diesel)	1114141	19879
1976-78	12	HY-JY-80, 7500 (Diesel) w/3208	1114733	19862
1971-78	12	HY/JV/TV/WV Series 7,8 w/6V-53 (Dsl.)	1114101	19862
1979-80	12	V8-427 (Gas)	1109076	13858
1979	12	V6-53, V6-92T, V8-71, NTC 350 (Gas)	1114101	19862
	12	6-71 (Gas)	1114178	19879
	12	NTC 290 (Gas)	1114143	19879
	12	3208 (Gas)	1114733	19862
1977-78	12	HE/JE-7500 w/VB-427 (Gas)	1109033	13858

solenoid switches for starters

application for trucks

CHEVROLET (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1980	12	w/Dsl. Bruin Eng Cat. 3406/3208	1114918	19862
1979-80	24	8V-92T (Diesel)	1109631	19848
1979-80	12	All (Diesel) Bruin & Bison	1114919, 1114178	
		6-71 & 6-71T Titan W/NTC-400	1114161, 1114143	
		Bison w/NTC 400/ 8V-71/8V-71N	1119790, 1114086	
		8V-71T/6V-92T/ NTC 290/NTC 350 8V-92T/3406	1114086	19879
1979	24	KTA-450 (Diesel)	1109961	19848
1977-78	24	KT-450 (Diesel)	1109772	19848
1975-78	12	HI-FI (Dsl.) Series 9 w/6-71 NE/HH/ JH/FH/DH/Series 9 N8V-71NE, FJ/DJ/ Series 9 w/6V-92/ HC/JC/FC/DC/ Series 9 w/ NTC-290 DB-90, 9502 W/VT-35	1114086, 1114143	
		HI/JI	1114161	19879
1975-78	24	DK-FK Series 9 w/8V-92, DP-90. 9502 w/12V-17	1109631	19848
1978-80	12	(Gas) L6-292 w/ V8-350 Steel til w/V8-350 w/ V8-427, V8-366/ 454 H.D. (K67)	1109075, 76, 77, 78 79	
		V8-366, 427, 454 CE-5000/TE-6000/ CE/CS-6000 W MD-1 Trans./w/ L86 4 BBL Carb.		14458
1978	12	10-30 Series	1108429, 481. 1109068, 1109212	14858
1977	12	HI/JI 9500; DI/FI/NI 9502 W/6-71NE	1114178	19879
	12	Optional for HI/JI 9500 w/6-71NE	1114161	19879
	12	6V-71, 8V-71. 6V-92, NTC 290, VT 350, 3408	1114086, 143	19879
	24	8V-92. 12V-71. KT 450	1109631, 772	19848
	12	HY-JY 7500, 8000 w/3208	1114733	19862
	12	HV-JV 7500, 8000 w/6V-53	1114101	19862
	12	CD 6000 w/4-53	1113243	13510
1977	12	CE/SE/TE 6000 w/V8-366; All w/V8-427	1109033, 034, 035	14858
	12	CE/ME 6500 w/V8-366 1st Prod	1109032	14858
	12	CE/ME 6500 w/V8-366 2nd Prod	1109060	14858

CHEVROLET (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1977	12	5000, 6000 Series w/L6-292, V8-350	1108793, 1109029, 030	14858
	12	Motor Home w/Oldsmobile V8-403	1108795	14858
	12	10-30 Series w/V8-350	1109052	14858
	12	C/K 10-30 w/V8-305	1109056	14858
	12	G 10-30 w/V8-305	1108798	14858
	12	10-30 Series w/L6-292 2-4 spd. Man. Trans. & Opt. Parking Brake	1108793	14858
1976	12	HI/JI 90, 9500: DI/FI 90, 9502 w/6-71NE	1114178	19879
	12	Optional for HI/JI 90, 9500 w/6-71NE	1114161	19879
	12	6V-71, 8V-71. 6V-92, NTC 290, VT 350	1114086, 143	19879
	24	8V-92, 12V-71. KT 450	1109631, 772	19848
	12	HY/JY 7500, 8000 w/3208	1114733	19862
	12	HV-JV 7500, 8000 w/6V-53	1114101	19862
	12	CD 6000 w/6V-53	1113243	13510
	12	V8-427 1st Prod.	1108752	13858
1976	12	V8-427 2nd Prod.	1109033	14858
	12	CE/ME/TE 6500 w/V8-366	1108792, 1109032	14858
	12	5000, 6000, 6500 Series w/V8-366 exc. CE/ME/TE 6500 Inc. Optional MD-1, ME-6 Trans. 1st Prod	1108752, 753, 754	13858
	12	5000, 6000, 6500 Series w/V8-366 exc. CE/ME/TE 6500 Incl. Optional MD-1, ME-6 Trans. 2nd Prod.	1109029, 033, 034, 035	14858
	12	Optional for CE/SE 6000 w/MD-4 Trans. 1st Prod.	1108788	14858
	12	5000, 6000, 6500 Series w/V8-350 exc. Opt. for CE/TE 6000	1108783, 784, 785, 793, 1109029, 030	14858
1979-80	12	Optional for CE/TE 6000 w/V8-350 1st Prod	1108485	14858
1976	12	Optional for CE/TE 6000 w/V8-350 2nd Prod	1109034	14858
	12	5000, 6000, 6500 Series w/L6-292	1108784	14858

CHEVROLET (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1976	12	Optional for CS 6000 w/L6-292	1108787	14858
	12	Motor Home w Oldsmobile V8-455	1108795	14858
	12	10. 20. 30 Series w V8-305	1108798. 1109036	14858
	12	10. 20. 30 Series w/L6-292 w/4 Spd. Man. Trans. & Opt. Parking Brake	1108360	13858
1975	12	HI-JI-90. 9500: DI-FI 90. 9502 w 6-71NE	1114178	19879
	12	Optional for HI-JI 90. 9500 w/6-71NE	1114161	19879
	12	6V-71. 8V-71. 6V-92. NTC 290. VT 350	1114086. 143	19879
	24	8V-92. 12V-71	1109631	19848
	12	6V-53	1114101	19862
	12	V8-427	1108752	13858
	12	5000. 6000. 6500 Series w/V8-366	1108487. 792	14858
	12	Optional for CE/SE 6000 w/MD-4 Trans. & V8-366	1108418. 788	14858
	12	Opt. for V8-366 w MD-1 Trans.	1108488	14858
	12	Opt. for V8-366 w ME-6 Trans	1108752	13858
	12	5000. 6000. 6500 Series w/L6-292. V8-350	1108338. 360. 362. 783. 784. 785	13858
	12	Optional for CE 5000 H.D. & MD-1 Trans. w/V8-350	1108485. 486. 787	14858
1975	12	Optional for 5000. CE CS SE/ TE 6000 w/L6-292	1108486. 787	14858
1973-74	12	6-250 & 292. Std. L6-250 "G" & C-K-P 100-200 w A.T.. L6-292 & V8-350 P-300. w/M.T.. Std. V8-307. 350. V6-305 & CE-5000 V8-350	1108360. 62. 67. 68. 479. 483. 520	13858
	12	Opt. V8-350 & 366 CE/SE-6000 w/A.T.	1108338. 418	13858
1973-74	12	Motor Home (Oldsmobile V8-455)	1108352. 518	13858
	12	L6-250 C-K-P 100-200 w/M.T. & C.K.P. 300 M.T. L6-292. V8-350 & V8-454	1108427. 30. 80	14858
1973-74	12	V8-366. V6-379 & 427	1108484. 87	14858

CHEVROLET (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1973-74	12	Opt. 6-250. 292. V8-350 & V6-305 H.D., Opt. V8-350 CE-5000 Flange Mtg. & Pag Mtg. w/A.T., Opt. V8-366 w/A.T.	1108425. 485. 486. 488	14858
	12	V6-432	1107550	14858
	12	V6-432. V6-478	1109146	14858
	12	V6-478 S/N	1113171	13510
	12	Diesel 6V-53	1114101	19862
	12	Diesel 6-71N. 6V-71. 8V-71 & all Cummins	1114143. 161. 178	19879
	12	V8-903	1114113	19862
	24	Diesel 12V-71	1109631	19848
1969-72	12	w/P.G., 3 & 4 Spd. L6-230. 250. 292. V8-307. w/ H.T. 250 4 & 5 Spd. V8-350 V6-351 w/H.T.	1108338. 360. 61. 62. 65. 67. 479. 483	13858
	12	Opt. L6-250	1108363	13858
	12	307. 350 Eng. G-10 w/H.T.	1108427. 28	14858
	12	Opt. H.D. L6-230. 250. V8-307. 350 & w/Powermatic of 4 & 5 Spd., V8-366 & w/M.T. V8-396. 427. V6-401	1108357. 363. 1108364. 369. 1108370. 372. 484. 5. 6. 7. 8	13858
	12	Opt. G-10-20. V8-307	1108350	13858
	12	w/H.T. L6-250	1107372. 1108425	14858
1969-72	12	w/M.T. L6-230. 250. V8-307 & w/H.T. V8-307	1108368. 418	14858
	12	400. 402 Eng. C-100-350	1108385. 481	14858
	12	3 & 4 Spd. L6-292 & 4 & 5 Spd. V8-350	1108360. 62	13858
	12	Diesel 3-53 "P" Models 4-53 60 Series & D478 V6-478-SN	1113171. 84. 1113202. 1113659	13510
	12	Diesel 6V-53 80 Series. DH637	1114101. 121	19862
1969-72	12	V6-478. 637. V8-637	1107586	14858
	12	6V-71. 8V-71. MI-9500	1114143. 161. 163. 178	19879
	12	12V-71	1109631	19848

solenoid switches for starters

application for trucks

CHEVROLET (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1968	12	G-10, L6-230, 250 & L6-250, V8-307, 327 w/Powerglide & L-292 3 & 4 Spd. & V-8327 4 & 5 Spd	1108360, 362, 365, 367	13858
	12	Opt. G-10, L6-230, 250	1108363	13858
	12	L6-250 w/H.T.	1107372	14858
	12	V8-307, 327, 396 w/H.T.	1107365	14858
	12	V8-307, 327 H.D.	1108350	13858
	12	Std. V8-427	1108357	13858
	12	3 Spd, L6-250, V8-307, 327	1108368	14858
	12	V8-366 w/Powermatic or 4 & 5 Spd.	1108369, 370	13858
	12	Opt. L6, V8 Delivery & Opt. V8-327, 366	1108364, 372	13858
	12	3 & 4 Spd. V8-396	1108385	14858
	12	3-53 4-53 Diesel	1113184, 202	13510
	12	6V-53 Diesel	1114101	19862
	12	D-351, D-478 Dsl.	1113659	13510
1967	12	L6-230, 250, V8-283, 327 & G-10 Std.	1107274, 321, 65, 92, 99, 496, 97	14858
	12	L6-250 w/H.T.	1107372	14858
	12	L6 & V8 w/Opt. H.D. & 366 w 4 & 5 Spd. & Powermatic	1108345, 7, 55	13858
	12	L6, V8 & G10, Opt.	1108332, 1107370, 383	13858
1966-67	12	3-53, 4-53 Diesel	1113183, 84	13510
	12	6V-53 Diesel	1114101	19862
	12	D-47 8 Diesel	1113659	13510
1966	12	All St. Gas Models	1107247, 59, 73, 74, 320, 21, 65, 72	14858
	12	Opt. G-10, V8-327, 366 & Delivery	1107369, 70, 83	14858
	12	318 Diesel (Canada)	1114101	19862
1965	12	4, 6 & 8 Cyl. Std & G-10 1st Prod	1107247, 59, 73, 74, 320, 21, 751	14858
	12	G-10 Opt. & Del	1107315, 36	14858
	12	G-10 & Delivery	1107369, 70	14858
	12	3-53, 4-53 Diesel	1113183, 184	13510
1965	12	6V-53 Diesel	1114101	19862
	12	478 Opt	1113379	19862
	12	47 8 2nd Prod	1113659	13510
1964	12	All exc. Diesel	1107247, 59, 73, 74, 320, 21, 751	14858
1964-64	12	4-53 Diesel	1113154	13510
	12	6V-53 Diesel	1114101	19862
1963	12	All exc. Diesel	1107237, 42, 73, 74, 751, 895	14858

DIVCO

Year	Volts	Engine or Model	Starter	Solenoid Switch
1965	12	All w/Cont. Eng. F-4 162-S, G4-193, F06-266	1107884	13858
		Cont. Eng. F0-6-226	1107309	13860
1963-65	12	All w Herc. Eng.- QXLD, 3	1107884	13858
		All w/Herc. Eng.- G-3000	1107234	13858
1961-64	6	All	1108055	13863
	12	All	1107663, 1108165, 184	11851
	12	All	1107884	13858

DODGE

Year	Volts	Engine or Model	Starter	Solenoid Switch
1974-78	12	All	3755900	S-2567
1974-77	12	All	2098879	13510
1972-74	12	All	2875560, 3656575, 650	S-2567
	12	All	1889100	11846
1965-73	12	All Delco Equipped	1113167, 651	13510
	12	All Delco Equipped	1114058, 85, 88, 1114128, 161	19879
1968-71	12	All	2875560	S-2567
	12	All	2095150, 2098500	S-2488C
	12	All	1889100, 2095753	11846
	12	All Manual Trans.	MDU-7013	11866
	12	All Auto Trans	MDU-7013	11867
1967	12	All	2095150, 2098500	S-2488C
	12	All	1889100, 2095753	11846
	12	All Manual Trans	MDU-7013	11866
	12	All Auto. Trans	MDU-7013	11867
1965-66	12	All	2095150, 2098500	S-2488C
	12	All	1889100, 2095753	11846
	12	All Manual Trans.	MDU-7013	11866
	12	All Auto Trans	MDU-7013	11867
1962-64	12	All, If	2095150	S-2488C
	12	All, If	1889100, 2095753	11846
	12	All, If Manual Trans.	MDU-7013	11866
	12	All, If Auto. Trans.	MDU-7013	11867
	12	Canada	MDU-6003, MDT-6014	11803

EUCLID

Year	Volts	Engine or Model	Starter	Solenoid Switch
1969-71	12	4-71	1114085	19879
	12	12V-71	1109965	19848
1963-66	12	4-71, 6-71	1114085, 099	19879
	24	12V-71, NT-380	1109965	19848
1961-66	24	6-110 L.H. Mtg.	1113872	19848

FORD

Year	Volts	Engine or Model	Starter	Solenoid Switch
1979-82	12	300, 302, 351W M T	12882	
1979-82	12	351M, 400, 460		12882
1979-80	12	370, 429		12882
1978	12	E, F 150/350 w/460 Eng	Ford	12881

FORD (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1978	12	E, F 100/350, 302, 351, 400 Engs	Ford	12881
	12	CL, CLT 900 w/568, 855, 893 Engs. Diesel	Delco	19879
1977	12	E, F 100/350 w/460 Eng	Ford	12881
	12	E, F 100/350; B, F, P 500 w/300, 302, 351, 400 Engs	Ford	12881
	12	B, F 500 w/350 Eng	Ford	12881
1976-77	12	W, WT 900 All; L, LN, LNT, LT, LTS 900 w.426, 555, 568, 855, 893, 903 Engs., Dsl	Delco	19879
	12	B, F 600/700; C, CT, L, LN, LNT LT, LTS 600/800 w/636 Eng. Dsl	Prestolite	12881
	12	C, CT 900 w/8 Cyl. Gas Engs.; F800 w/475 Eng.; L, LN, LNT, LT, LTS 800/900 w/8 Cyl. Gas Engs. exc. 389	Prestolite	12881
	12	B, F, L, LN, LNT, LT, LTS 600/800 w/8 Cyl. Gas Engs. exc. 475; C, CT 600/800 w/8 Cyl. Gas Engs. before Ser. 060 001	Ford	12881
	12	B, C, F600 w/6 Cyl. Gas Engs	Ford	12881
1976	12	100-500 Series w/460 Eng.	Ford	12881
	12	100-500 Series exc. 460 Eng.	Ford	12881
1975	12	E, F 100/350, w/300, 302, 351 Engs.; P 350/500, B500 w/300 Eng.	Ford	12881
	12	B, F 500 w/8 Cyl	Ford	12881
	12	F100/350 w/360, 390 Engs	Ford	12881
	12	100-500 Series w/460 Eng	Ford	12881
	12	W, WT 900 All; L, LN, LNT, LT, LTS 900 w/426, 555, 568, 855, 893, 903, 927 Engs. Dsl	Delco	19879
	12	B, F600/700; C, CT, L, LN, LNT, LT, LTS 600/800 w/522, 573, 636 Engs. Diesel	Prestolite	12881
1975	12	C, CT 900; L, LN, LNT, LT, LTS 880/900 w/8 Cyl. Gas Engs.; F880 w/475 Eng	Prestolite	12881

FORD (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1975	12	B, F 600/750; C, CT, L, LN, LNT, LT, LTS 600/800 w/8 Cyl. Gas Engs.	Ford	12881
	12	B, C F600 w/6 Cyl. Gas Engs	Ford	12881
1973-74	12	E 100/300, F 100/350, P 350/500, BF 500 exc. 460 Eng	Ford	12881
	12	F 250/350 w/460 Eng	Ford	12881
	12	B-C-F 600, L N 600 w/6 Cyl	Ford	12881
	12	B, F 600/750, C, CT 600/800, L, LN, LNT, LT, LTS 600/800 w/8 Cyl	Ford	12881
	12	C, CT 900; L, LN, LNT, LT, LTS 880/900	Prestolite	12881
	12	B, F 600/700; C 600/800; L, LN, LNT, LT, LTS 600/900; W, WT 900 W, WT 900 Diesel	W/Delco Str.	19879
1970-72	12	E 100/200	W/4"Str.	12881
	12	E 100/300; F 100/350; B, F, LN 500/600; P 350/500	W/4½" Str.	12881
	12	L, LT, LTS 800; LN, LNT 500/800	Ford	12881
	12	L, LT, LTS 900; LN, LNT 900	Prestolite	12881
1970-72	12	C 800; L, LT, LTS 800/900; LN, LNT 600/900 Diesel	W/Delco Str.	19879
1968-72	12	C, CT 500/800; N, NT, T 500/800; B, F 500/750	Ford	12881
	12	B, F 600/700; P 350/500 Diesel	W/Delco Str.	13510
	12	B, F, T 600/700; W, WT 900/1000 Diesel	W/Delco Str.	19879
1968-69	12	E 100/200	W/4" Str	12881
	12	E 100/300; F100/350; B, F, LN 500/600; P 350/500	W/4½" Str.	12881
	12	C, CT 850/1000; F, N, NT, T 850/1000	Prestolite	12881
	12	C, N 500/600	W/4½" Str.	12881
	12	C, N 600/700 Dsl.	W/Delco Str.	13510
	12	C 600/800; F, T 800/1000	W/Delco Str.	19879
	24	N, NT 850/1000 Diesel	W/Delco Str.	19848
1967	12	170 Eng. Model E-100. 289 Eng	W/4" Str.	
	12	170, 240, 289, 300, 352 Engs	W/4" Str.	12881
		Models P 100/500: E, F 100/350	W/4½ Str.	12881

solenoid switches for starters

application for trucks

FORD (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1967	12	240, 300 Engs Models B, F 500/600	W/4½" Str.	12881
	12	352 Eng. Models C, N 500/600	W/4½" Str.	12881
	12	401, 477, 534 Engs.	Prestolite	12881
1965-66	12	170 Eng. Model E-100	W/4" Str.	12881
	12	170, 240, 289, 300, 352 Engs Models E, F, P 100/350; B, C, F, N 500/300	W/4½" Str.	12881
	12	401, 477, 534 Engs	Prestolite	12881
1965	12	170 Eng. Model P-100	Prestolite	11803
1964	12	223, 292 Engs	W/4½" Str.	12881
1961-64	12	223, 262, 292 Engs	W/Interia Str.	12881
	12	144, 170 Engs Model E 100	W/4" Str.	12881
	12	223, 292 Engs	Prestolite	11803
	12	223, 292 Engs	W/Delco Str.	13858
	12	401, 477, 534 Engs	Prestolite	12881

FREIGHTLINER

Year	Volts	Engine or Model	Starter	Solenoid Switch
1979-81	24	1693, 3408	1109840, 41	
		NTC, F, VT	1114879	15559
1979-81	12	3406, NTC, F, VT	1114883	
		DDAD	1114812	
		6V-92, 8V-92	1114896	15556
1972-78	12	1674, NH V-903, 8V-71, 3208, 3306, 3406	1114128, 129, 158, 164, 167	19879
	24	21,000 Allis Chalmers, 3306, 3406	1113892, 953, 969	19848
	24	1693, 12V-71	1109979, 989, 631	19848
	24	Optional	1113965	19848
1967	12	6171E	1114070	19879
	12	6V-71, 8V-71	1114082, 83	19879
	12	Half Cab V8-185	1113664	19879
	12	Half Cab 6V-53, 6V-71	1114077, 85	19879
	12	Optional w/6V-71, 6171E	1114086	19879
	24	Optional w/8V-71	1113938	19848
1966-67	12	Half Cabs C-180, NHE-195	1114115	19879
	12	6V-53 Diesel (exc. 1967)	1114083	19879
	12	Optional V8-265, V8-350, NH, NHE, NHRS, NHS, NT, NTO, NRT, NRTO	1114086	19879

FREIGHTLINER (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1966-67	24	Cumm. NH-180, 195, 220, 250; NHE-180, 195, 220, NF6B, NT280, 380; NTO-6B, 280; NRT-6B, NRTO-6B, V8-265	1113887	19848
	24	V8-350	1113876	19848
	24	Cumm. NHRS, NHS	1113824	19848
	24	Optional C-180	1113887	19848
1965-66	12	8V-71	1114070	19879
1964-66	12	6V-71, 6171-E	1114082, 83	19879
	12	6V-71, 6171-E	1114086	19879
	12	8V-71 (exc. 1965)	1114058	19879
	24	Optional w/8V-71	1113938	19848
1961-66	12	Optional w/Cumm	1114086	19879
1965-65	24	Cumm. NH-180, 192, 220, 250; NHE-180, 195, 220; NT-6B, 280, 380; NTO-6B. 280; NRT6B; NRT06B; V8-265, V8-350	1113710, 745	19803

GMC

Year	Volts	Engine or Model	Starter	Solenoid Switch
1983		4 Cyl. (2.0L) 121		14515
1983-82		6 Cyl. (2.8L) 173 (4 1L) 250 (4.8L) 292		14515
		C, G, P Series		14515
1963-81		All		13858
1960-62		All		13858
1983		8 Cyl. (5.0L) (305F) Calif		14515
		(5.0L) 305H C Series		14515
		G Series		14515
		(5.7L) 350L, M C, G, P Series		14515
		(5.7L) 350P. (6.2L) 381 Dsl		13858
		(7.4L) 454 C, P Series		14515
1982		(5.0L) 305 C Series		14515
		G Series		14515
		P Series		14515
		(5.7L) 350M, (6.2L) 381 Dsl		14515
		(7.4L) 454 C, P Series		14515
1960-81		All		13858
1980	12	All (Gas) L6-292	1109078	14458
	12	Conv. Cab w/ V8-350 Steel Tilt w/V8-350	1109077, 78, 79	14458
	12	(Std.) Starter	1109079	14458
	12	(H.D) Starter	1109077	14458
	12	Steel Tilt w/V8-427	1109076	14458
1980	12	Conv. cab w/ V8-427, V8-366, 454	1109075	14458

GMC (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1980	12	All (Diesel) (8 2L), 8-2TL	1114771	19879
	12	453T	1114141	19879
1980	12	Brigadier w/Eng. Cat. 3406	1114918	19862
	12	Brigadier & General w/Eng DDAD 6-71 & 6-71T	1114919	19879
	12	General w/Eng. DDAD 8V-92	1109790	19879
	12	6-71	1114178	19879
	12	General w/NTC400	1114173	19879
	12	Astro w/NTC400	1114178	19879
	12	6-71T Std	1114178	19879
	12	6-71T Opt	1114161	19879
	12	8V-71	1114143	19879
	12	8V-71N, 8V-71T, 6V-92T, NTC290, NTC350	1114143	19879
	12	8V-92T	1109790	19879
	24	8V-92T	1109631	19848
	12	3208	1114733	19862
	12	3406	1114086	19879
1979	12	All (Gas) V8-350 Std.	1109079	14458
	12	H.D. (K67) Opt	1109077	14458
	12	V8-366, 427, 454	1109075	14458
	12	All (Gas) V6-53, V6-92T, V8-71 NTC 350	1114101	19862
	12	6-71, 6-71T	1114178	19879
	12	NTC290	1114143	19879
	12	3208	1114733	19862
1978-80	12	All (Gas) (V8-427	1109076	13858
1978-79	12	All (Gas) L6-292, V8-350, CE-5000, TE-6000, CE/SE-6000 w/ MD-1 Trans. Std.	1109078	14458
	12	CE/SE/TE w/MD-1 Trans.	1109079	14458
	12	Optional	1109077	14458
1978	12	15-35 Series exc. Diesel	1108429, 481 1109068	14858
	12	15-35 Series Diesel	1109212	14858
1977	12	HI-JI 9500; DI/FI NI 9502 w/6-71NE	1114178	19879
	12	6V-71, 8V-71, 6V-92, NTC290, VT350, 3408	1114086, 143	19879
	24	8V-92, 12V-71, KT450	1109631, 772	19848
	12	HY/JY 7500, 8000 w/3208	1114733	19862
	12	HV JV 7500, 8000 w/6V-53	1114101	19862
	12	CD 6000 w/4-53	1113243	13510
	12	CE/SE/TE 6000 w/V8-366; All w/V8-427	1109033, 034, 035	14858
1977	12	CE/ME 6500 w/V8-366 1st Prod	1109032	14858
	12	CE/ME 6500 w/V8-366 2nd Prod	1109060	14858

GMC (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1977	12	5000, 6000 Series w L6-292, V8-350	1108793, 1109029, 030	14858
	12	Motor Home w/Oldsmobile V8-403	1108795	14858
	12	15-35 Series w/V8-350	1109052	14858
	12	C/K 15-35 w/V8-305	1109056	14858
	12	G 15-35 w/V8-305	1108798	14858
	12	15-35 Series w/L6-292 & 4 Spd. M/T	1108793	14858
1976	12	HI/JI90, 9500; DI/FI/NI 90, 9502, w/6-71NE	1114178	19879
	12	Optional for HI/JI 90, 9500 w/6-71NE	1114161	19879
	12	6V-71, 8V-71, 6V-92, NTC 290, VT 350	1114086, 143	19879
	24	8V-92, 12V-71, KT 450	1109631, 772	19848
	12	HY/JY 7500, 8000 w/3208	1114733	19862
	12	HV/JV 7500, 8000 w/6V-53	1114101	19862
	12	CD 6000 w/6V-53	1113243	13510
1976	12	V8-427 1st Prod	1108752	13858
	12	V8-427 2nd Prod	1109033	14858
	12	CE/ME/TE 6500 w/V8-366	1108792, 1109032	14858
	12	5000, 6000, 6500 Series w/V8-366 exc. CE/ME/TE 6500; Inc. Opt. MD-1, ME-6 Trans. 1st Prdo	1108752, 753, 754	13858
	12	5000, 6000, 6500 Series w/V8-366 exc. CE/ME/TE 6500 Inc. Opt. MD-1, ME-4, ME-6 Trans 2nd Prod	1109029, 033, 034, 035	14858
	12	Option for CE/SE 6000 w/MD-4 Trans. 1st Prod	1108788	13858
	12	5000, 6000, 6500 Series w/V8-350 exc. Opt. for CE/TE 6000	1108783, 784, 785, 793, 1109029, 030	14858
	12	Optional for CE/TE 6000 w/V8-350 1st Prod	1108485	14858
	12	Optional for CE/TE 6000 w/V8-350 2nd Prod	1109034	14858
1976	12	5000, 6000, 6500 Series w/L6-292	1108784	14858
	12	Optional for CS 6000 w/L6-292	1108787	14858

solenoid switches for starters

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GMC (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1976	12	Motor Home w/Oldsmobile V8-455	1108795	14858
	12	15, 25, 35 Series w/V8-305	1108798, 1109036	14858
	12	15, 25, 35 Series w/L6-292 w/4SPD M/T & Optional Parking Brake	1108360	13858
1975	12	HI/JI 90, 9500; DI/FI 90, 9502 w/6-71NE	1114178	19879
	12	Optional for HI/JI 90, 9500 w/6-71NE	1114161	19879
	12	6V-71, 8V-71, 6V-92, NTC 290, VT 350	1114086, 143	19879
	24	8V-92, 12V-71	1109631	19879
	12	6V-53	1114101	19862
	12	V8-427	1108752	13858
	12	5000, 6000, 6500 Series w/V8-366	1108487, 792	14858
	12	Optional for CE/SE 6000 w/MD-4 Trans. & V8-366	1108418, 788	14858
	12	Optional for V80 366 w/MD-1 Trans	1108488	14858
	12	Optional for V8-366 w/ME-6 Trans	1108752	13858
	12	5000, 6000, 6500 Series w/L6-292, V8-350	1108338, 360, 362, 783, 784, 785	13858
	12	Optional for CE 5000 H.D. & MD-1 Trans w/V8-350	1108485, 486, 787	14858
	12	Optional for CE 5000, CE/CS/SE/ TE 6000 w/L-6-292	1108486, 787	14858
	12	15, 25, 35 Series 1st Prod	1108746, 747, 748	13858
1973-74	12	6-250 & 292, Std. L6-250 "G" & C-K-P 100-200 w/A.T., L6-292 & V8-350 P-300 w/ M.T., Std. V8-307, 350, V6-305 & CE-5000, V8-350	1108360, 62, 67, 68 479, 483, 520	13858
	12	Opt. V8-350 & 366 CE/SE-6000 w/A.T.	1108338, 418	13858
	12	Motor Home (Olds. V8-455)	1108352, 518	13858
	12	L6-250, C-K-P 100-200 w/M.T. & C-K-P 300, Std. L6-292, V8-350 & V8-454	1108427, 30, 80	13858
	12	V8-366, V6-379 & 427	1108484, 87	14858

GMC (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1973-74	12	Opt. 6-250, 292, V8-350 & V6-305 H.D., Opt. V8-350 CE-5000 Flange Mtg. & Pad Mtg. w/A.T., Opt V8-366 w/A.T.	1108425, 485, 486, 488	14858
	12	V6-432	1107550	14858
	12	V6-432, V6-478	1109146	14858
	12	V6-478, S/N	1113171	13510
	12	Diesel 6V-53	1114101	19862
	12	Diesel 6-71N, 6V-71, 8V-71 & All Cummins	1114143, 161, 178	19879
	12	V8-903	1114113	19862
	12	Diesel 12V-72	1109631	19848
1969-72	12	W/P.G. 3 & 4 Spd L6-230, 250, 292, V8-307, w/H.T. 250, 4 & 5 Spd V8-350, V6-351 w/H.T.	1108338, 360, 61, 65, 67, 1108479, 483	13858
	12	Optional L6-250	1108363	13858
	12	307, 350 Eng., G-10 w/H.T.	1108427, 28	14858
1969-72	12	Opt. H.D. L6-230, 250, V8-307, 350 & w/Powermatic of 4 & 5 Spd., V8-366 & w/S.T., V8-396, 427, V6-401	1108357, 363, 1108364, 369, 1108370, 372, 484, 5, 6, 7, 8	13858
	12	Optional G-10-20, V8-307	1108350	13858
	12	w/H.T. L6-250	1107372, 1108425	14858
	12	w/H.T. L6-230, 250, V8-307 & w/H.T. V8-307	1108368, 418	14858
1969-72	12	Opt. V6-305E, C, 351C, 3 & 4 Spd. Trans	1107371, 375	14858
	12	V6-351M, 401M	1107376	14858
	12	400, 402 Eng. C-100-350	1108385, 481	13858
	12	3 & 4 Spd. L6-292 & 4 & 5 Spd. V8-350	1108360, 362	13858
	12	Diesel 3-53 "P" Models 4-53-60 Series, & D-478, V6-478-SN	1113171, 184, 1113202, 1113659	13510
	12	Diesel 6V-53-80 Series DH-637	1114101, 121	19862
	12	V6-478, 637, V8-637	1107586	13858
	12	6V-71, 8V-71, MI-9500	1114143, 161, 163, 178	19879

GMC (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1969-72	24	12V-71	1109631	19848
1968	12	6-230, 250, 292, V8-307 & 3 Spd		
		6-250, 292, V8-307, 327 & 4 Spd, V8-327 & 6-292, V6-305E, 351E w/Powerglide & H.T.	1108338, 360, 62, 65, 68	13858
	12	Opt. 6-230, 250, V8-307, 327	1108363	13858
	12	6-250, V8-307, 327 Powerglide & V8-307, 327 Hydramatic	1107365, 1108367	13858
	12	Opt. V8-307, 327	1108350	13858
	12	6-250 H.T.	1107372	14858
	12	Opt. 3 Spd. 6-250, 292, V8-307, 327 & 4 Spd. V8-327 & Opt. 6-292, V6-305E, 351E w/Powerglide & H.T.	1108364, 375	13858
	12	V6-305C, 305E, 351C & 3 & 4 Spd. V6-305E, 351E & Opt. 3 & 4 Spd V6-305E, 351E	1107371, 375	14858
	12	3-53	1113202	13510
	12	V6-351C, 351M, 401M	1107376	14858
	12	D-478, DH-478	1113659, 662	13510
	12	V6-478, 637	1107586	14858
	12	D-351	1107591	14858
	12	6V-53, D-637	1114101, 121	19862
	12	6-71, 8V-71	1114070, 74	19879
	12	6-71, 8V-71	1114105	19879
1967	12	Std. GS, GE Models, 6-230, 250, 292, V8-283, 327 & 6-292, V6-305E w/Powerglide & H.T.	1107274, 399, 497, 1108338	14858
	12	Opt. 6-230, 250, 292 & GS Models	1107370, 1108332	14858
	12	6-250, V8-283, 327 w/Powerglide & V8-283, 327 w/H.T.	1107365, 496	14858
	12	Opt. GE Models	1108350	13858
	12	6-250 w/H.T.	1107372	14858
	12	V6-305C, V6-305E, V6-351C, V6-351E, V6-351M	1107371, 375	14858
	12	3-53	1113184	13510
	12	V6-351C, V6-351M, V6-401M	1107376	14858
	12	D-478, DH-478	1113659, 662	13510
	12	V6-478, V8-637	1107586	14858

GMC (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1967	12	D-351	1107593	14858
	12	6V-53, D-637	1114101, 121	19862
	12	6-71, 6V-71, 8V-71	1114074	19879
	12	6-71, 6V-71, 8V-71	1114105, 107	19879
1966	12	4-153, 6-194, 230, 250, 292, V6-305C, 305E, 351C & w/Power-glide 4-153, 6-230, 250, 292, V63-5E	1107247, 59, 73, 74, 320, 71, 75	14858
	12	Opt. 4-153, 6-230, 250	1107369, 370	14858
	12	V6-478M, V8-637	1107586	14858
	12	V6-351M, V6-401M	1107376	14858
	12	V6-351	1107752	14858
	12	D-351	1107591	14858
	12	D-478, DH-478	1113659	13510
	12	D-478 & Opt. DH-748, DH-637	1113379	19862
	12	6V-53, D-637	1114101, 121	19862
	12	6-71, 6V-71, 8V-71	1114074	19879
	12	6-71, 6V-71, 8V-71	1114105, 107	19879
	12	318 Diesel (Canada)	1114101	19862
1964-65	12	4-153, L6-194, 230, 292, V6-305C, 305E	1107247, 59, 73, 74, 320, 751	14858
	12	V6-351, 401	1107752	14858
	12	2nd Prod. (1965) D-351, D-478, DH-478	1113659	13510
	12	Opt. H. D. D-351, D-478, DH-478	1113379	19862
	12	V-6478	1107586	14858
	12	6-71, 6V-71, 8V-71	1114074, 105, 1114107	19879
	12	V12-702	1113169	13510
	12	6V-53 Diesel (Canada)	1114101	19862
1963-64	12	270A Coach	1107253	14858
	12	V6-478	1107550	14858
1963	12	V6-305C, 305E	1107274, 752	14858
	12	V6-351, 401	1107752	14858
	12	6-71, 6V-71	1114105, 107	19879
	12	V12-702	1113169	13510

INTERNATIONAL

Year	Volts	Engine or Model	Starter	Solenoid Switch
1980-81	12	V-345, 392 Eng	1109356	14858
	12	DT-466 Eng.	1114884	15556
	12	3208 Eng	1114881	15561
	12	6-71, 6V-71, 8V-71, 6V-92; Cummins NTC, V-800 Engs. w/7 Roll Drive Std.	1114889	15556
1980-81	12	w/Posi-torque Drive Opt	1114896	15556

INTERNATIONAL (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1980-81	24	V8-92 Eng. (5⅛ dia. frame) w/7 Roll Drive Std.	1114873	15559
	24	w/Posi-torque Drive Std	1114880	15559
	24	8V-92 Eng. (5⅝ dia. frame) w/7 Roll Drive Opt	1109285	15559
	24	w/Posi-torque Drive Opt	1109290	15559
1980	12	Various Eng	1114804	19879
	12	Various Eng	1114803	19879
1979-81	12	MV-404, MV-446 Eng	1108769	14858
1977-81	12	V-537 Eng	1109256	14858
1979	12	S Series w/Eng. DDAD 6-71	1114769	19879
	12	V-345, V-392 Eng	1109356	14858
	12	D-170, D-190, Cat. 3208 Eng	1114171	19862
	12	V8-210, V-55 exc. Allison Trans.	1114120	19862
	12	w/Allison Trans.	1114098	19879
	12	VS-401 Eng	1108515	14858
	12	RD-406, RD-450 RD-501 Eng	1113218	13510
	12	DV-462B. DV-550B Engs	1114112	19862
	12	1145, 1150, 1160 Eng	1114171	19862
	12	6V-53, DT-466 Engs. 1st Prod	1114714	19879
	12	2nd Prod	1114734	19879
	12	NH, NT, PT. Super 250 Engs	1114113	19862
1975-77	12	4-196, 6-232-6-258, V-304, A. V345, V392, VS401, MV8-404, MV8-446. V8 M.H.C	1107709, 1108278, 384, 478, 515, 769	14858
1975	12	VS401, RD406. RD450, VS478, RD501, VS549	1113217, 218	13510
	12	6V53	1114052	19879
	12	1145, 1150, 1160, NH, NT, PT. Super 250, V8-210. DV550B, V555. V903	1114113, 120, 171	19862
	12	6V-53, 6-71N, DV462, B, DV550, B	1114101, 112, 116	19862
	12	NH, NT, NTA. NTC, PT. Super 250, 8V-71, 8V-71N, NE, NT, VT350, V, VT555, V800, V903	1114058, 088, 098	19879
	12	6V53, DT466	1114714, 734	19879
	12	V537, V605	1109256	14858
1975	12	6-71N	1114187	19879
	12	12V-71N	1109630	19848

INTERNATIONAL (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1974-75	12	3406, 8V92NT	1113905	19848
1972-74	12	V537, V605	1109256	14858
	12	6-71N	1114187	19879
1971-74	12	RD406, 450, 501, V, VS402, 478, 549, FTV549	1113217, 218	13510
1969-74	12	All w/Starters	1114058, 064, 070, 074, 086, 088, 098	19879
1969-74	12	All w/Starters	1114129, 45, 65, 72	19879
	12	All w/Starters	1114113, 120, 171	19862
	12	6V53, N; 6-71N; DV462, B; DT466; DV550B	1114101, 112, 116, 168	19862
	12	12V-71N, V903	1109630	19848
	12	NH220, 230, NHC250, NHE195, NHCT-270, 6V-53, N; 6V-71, N	1114052, 071, 107	19879
	12	D301, D354; RD406, RD450, RD501, V, VS401, V, VS478; V, VS, FTV549	1113167, 172, 644, 650, 654	13510
	12	MV8-404, MV8-446, BD308	1107680; 1108769	13858
	12	All w/Starters	1107709, 678, 1108278, 384, 478, 515	13858
1971-73	12	6-71, 6-71N	1114189	19862
1971	12	V8-185, V8-210	1114199	19879
	24	NH-230, NHC-250, NTC-270, N-927, V903	1113914	19848
1967-70	24	6V-71N, 8V-71N	1113938	19848
	12	RD406, 450, 501; V, VS401, 478, 549, FTV549	1113168, 173	13510
1967-68	12	6-71N	1114134	19879
	12	RD372	1108341	13858
	24	Cummins NH	1113914	19848
1965-68	12	6177N	1114122	19879
	12	DV462, 6-71	1114112, 116	19862
1963-68	12	DV550, Cummins NH	1114113, 120	19862
	12	All w/Starters	1114052, 071 107	19879
1961-68	12	All w/Starters	1114058, 070, 074, 086, 088	19879
1960-68	12	All w/Starters	1113167, 172, 183, 644	13510
1959-68	12	BD282, BD308	1107780	14858
	12	All w/Starters	1107709, 678	14858
1963-66	12	RD406, 450, 501, V402, 461, 549	1113168, 173	13510
	12	All w/Starters	1107710, 679	14858
	12	RD372, RD406	1107789	14858

KENWORTH

Year	Volts	Engine or Model	Starter	Solenoid Switch
1980-81	24	Cat. 3306 Eng. Std	1114864	15559
	24	Cummins NTC, F Engs. Std	1114880	15559
	12	Opt	1114896	15556

KENWORTH (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1980-81	12	Cummins VT-300 Eng. Opt	1114906	15556
	24	KT450. KTA600 Engs	1109291	15559
	12	DDAD 6L-72	1114906	15556
	12	DDAD 8V-71 Eng. Opt	1114906	15556
	24	DDAD 8V-92 Eng	1109288	15559
	24	DDAD 12V-71 Eng. Export	1109288	15559
1979-77	24	Cat. 3406 Eng. Std	1113952	19848
	24	Cat. 3408 Eng	1109647	19848
	24	Cummins NH Eng, Std.	1113952	19848
	12	Opt.	1114128	19879
1979-75	24	Cat. 1693 Eng	1109635	19848
	12	Cummins V8-225 Eng	1114193	19879
	12	Cummins V-903 Eng. Opt	1114197	19862
	24	KT450, KTA600 Engs	1109755	19848
	24	DDAD, 12V-71, 8V-92 Engs	1109977	19848
	12	DDAD 617	1114197	19862
1973-77	12	K100, Cat. 3406	1109755	19848
	24	Det. 12V-71	1109971	19848
1972-77	12	Optional for Cumm. NH exc. Super 250	1114128	19879
	12	Cumm. V8-225	1114193	19879
	12	Optional for Det. 6171, 8V-71, V903	1114197	19862
	24	Cat. 1693	1109635	19848
	24	Cumm. NH exc. Super 250	1113952	19848
1972-77	24	Det. 12V-71 (Off highway usage)	1109961	19848
1972	12	Cumm. V8-210	1114127	19879
	24	Cumm. Super 250	1109631	19848
1967	12	Optional for all Cumm.; Cat. 1673; Det. 8V-71, 12V-71	1114058, 86, 88	19879
	12	Det. 4171N, 6171	1114083	19879
	24	All Cumm., Cat. 1673, 1676, Det. 6V-71, 8V-71	1113818, 845, 846, 887, 942	19848
	24	Cat. 1693, Det. 12V-71	1109971, 989	19848
1965-66	24	Cat. 1676	1113942	19848
	24	Det. 6V-71, 71N; 8V-71, 71N	1113846	19848
	24	Det. 12V-71	1109971	19848
1963-66	12	Det. 4171E, 6171E, N	1114083	19879
	24	Cat. 1673, All Cumm	1113818, 845, 887	19848
	24	Cat. 1693	1109989	19848
1963-64	12	Det. 6V-71, 71N; 8V-71, 71N	1114058	19879

MACK

Year	Volts	Engine or Model	Starter	Solenoid Switch
1981	12	"DM" END-673, ENDT-673, ENDT-675, ENDT-865, ENDT-866, Super 250, NA-400 Engs	1114897	15556
	24	"DM" NTC-335, END-673, ENDT-675, ENDT-865, ENDT-866 Engs	1114878	15559
	12	"F" Super 250, NTC-290, NTC-335, 350, NTA-370; ENDL-673E, ENDL-673, ENDT-673C, 675, 676, 865, 866; 8V-71N, 8V-71T Engs	1114897	15556
1981	12	V-903, VT-903 Engs	1114899	15556
	24	"F" Super 250, NTC-290, NTC-335, 350, NTA-370; ENDL-673E, ENDLT-673, ENDT-673C, 675, 676, 865, 866; 8V-71N, 8V-71T, V-903, VT-903 Engs	1114878	15559
	12	"MR" & "MC" Cat. 3208, ET673E Eng	1114897	15556
	12	"R" END-673E, ENDT-673, ENDT-675, NH-230L, NHC-250L, NTC-335, Super 250 ENDT-865, ENDT-866 8V-71N Engs	1114897	15556
	12	V-903 Eng	1114899	15556
	24	"R" END-673E, ENDT-673, ENDT-675, NH-230L, NHC-250L, NTC-335, V-903, Super 250, ENDT-865, ENDT-866 Engs	1114878	15559
	12	"U" V-903 Eng	1114899	15556
1981	12	END-673E, ENDL-673, 673E, ENDT-673, 675, 676, ENDLT-673, ENDT-865 Engs	1114897	15556

MACK (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1981	24	"U" END-673E, ENDL-673, 673E, ENDLT-673, ENDT-673, 675, 676, ENDT-865, V-903 Engs	1114878	15559
1980	12	"DM" V8-210 Eng	1114169	19879
	12	END-673, ENDT-675 Engs	1114165	19879
	24	END-673, ENDT-675 Engs	1113975	19848
1980	12	ENDT-673, NTA-400 Super 250 Engs	1114165	19879
	12	ENDT-865, 866 Engs	1114170	19879
	24	ENDT-865, 866 Engs	1113976	19848
	12	"F" Super 250, NTC-290, NTC-335, 350, NTA-370, ENDL-673E, ENDLT-673, 675, 676 Engs	1114165	19879
	12	8V-71N, 8V-71T Engs	1114161	19879
	12	V-903, VT-903 Engs	1114150	19879
	12	ENDT-865, 866 Engs	11174170	19879
	24	"F" Super 250, NTC-290, NTC-335, 350, NTA-370, ENDL-673E, ENDLT-673, 675 8V-71N, 8V-71T, V-903, VT-903 Engs	1113975	19848
	24	ENDT-865, 866	1113976	19848
	12	"MR & MC" Cat. 3208 Eng	1114161	19879
	12	ET673 Eng	1114165	19879
	12	"R" END-673, ENDT-673, ENDT-675, NH-230L, NHC-250L, NTC-335, Super 250 Engs	1114165	19879
	12	ENDT-865, 866 Engs	1114170	19879
	12	V-903, VT-903 Engs	1114150	19879
	12	8V-71N Eng	1114161	19879
	12	V8-210 Eng	1114169	19879
1980	24	"R" END-673E, ENDT-673, ENDT-675, NH-230L, NHC-250L, NTC-335, V-903, VT-903, Super 250 Engs	1113975	19848

MACK (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
	24	ENDT-865, 866 Engs	1113976	19848
	12	"U" V-903 Eng.	1114150	19879
	12	ENDT-865	1114170	19879
	12	END-673, ENDT-673, 675, 676, ENDL-673E. ENDLT-673, Engs	1114165	19879
	24	"U" ENDT-865	1113976	19848
	24	END-673E, ENDT-673, 675, 676, ENDL-673, 673E, ENDLT-673, V-903 Engs	1113975	19848
1976-78	12	MB, Cat. 3208	1114152	19862
	12	DM V8-210	1114169	19879
	12	ENDT-865, 866	1114700	19879
	24	DM NTC-335. END-673, ENDT-675	1113975	19848
	12	F 8V-71N, 71T	1114161	19879
		V-903, VT-903	1114150	19879
	12	Super 250, NTC-290, NTC-335, 350, NTA-370, 400, END-673, 675, 676, 673C, ENDL-673E, ENDLT-673, ENDF-673, 675, 676, NH-230L, NHC-250L	1114165	19879
1976-78	24	F ENDT-865, 866	1113997	19848
	24	R ENDT-865, 866	1113997	19848
	24	NH-230L, Super 250, NHC-250L, NTC-290, NTC-335, 335L, 350, END-673, 673C, 673E, ENDT 673, 675, 676, 673C, ENDL-673E, V-9003, VT-903	1113975	19848
	12	U V-903	1114150	19879
	12	ENDT-865	1114700	19879
	12	END-673E, ENDT-673, 673C, 675, 676, ENDL-673E, ENDLT-673	1114165	19879
	24	U ENDT-865	1113997	19848
	24	END-673E, ENDT-673, 673C, 675, 676, ENDL-673E, ENDLT-673, V-903	1113975	19848
1972-77	12	6V-53N	1114077	19879
	12	ENDT-865, 866	1114700	19879
	12	All others	1114148, 150, 161, 165, 169	19879
	24	All	1113958, 975, 997	19848

for starters

ACE™

application for trucks

MACK (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
1967-71	12	EN-402	1113055	11855
	12	ENF-707C	1113881, 383	13510
	12	All others	1114088, 130, 136, 148, 150, 153	19879
	24	All	1113894, 914, 957, 958	19848
1963-66	12	EN-331	1107255	11855
	12	EN-402, ENF-402	1113055	11855
	12	EN-464B, ENF-464	1113309	13510
	12	EN-540	1113309	13510
	12	END-673, 711, NHS, NHRS	1114088	19879
	24	END-673, 711, 864, NHS, NHRS, V8-265 (F Series)	1113831, 842, 914	19848

PETERBILT

Year	Volts	Engine or Model	Starter	Solenoid Switch
1980	24	Cat. 3306 Eng	1114864	15559
	12	Cat. 3406 Eng	1114898	15556
	24	Cat. 3406, 3408 Engs	1109841	15559
	12	Cummins NTC Eng.	1114896	15556
	24	Cummins NTC, K Eng	1114880	15559
	12	DDAD 6V-92, 8V-71 Eng	1114896	15556
	24		1114880	15559
	24	DDAD 8V-93 Eng	1109840	15559
1979	24	3406, 3408 Engs	1109978	19848
	12	Cummins NTC Eng	1114128	19879
	24	Cummins NTC, K Eng	1113952	19848
	12	DDAD 6V-92, 8V-71 Engs.	1114128	19879
	24	DDAD 6V-92, 8V-71 Engs.	1113952	19848
	24	DDAD 8V-92 Eng.	1109979	19878
1979-75	12	Caterpillar 3406 Eng	1114194	19879
1978-73	24	Detroit Diesel 12V-71 Eng	1109979	19848
	24	Caterpillar 1693 Eng	1109635	19848
1978-72	12	Caterpillar 1674 Eng	1114158	19879

PETERBILT (cont'd)

Year	Volts	Engine or Model	Starter	Solenoid Switch
	12	Detroit Diesel 8V-71	1114128	19879
	12	Cummins V8-210 Std.	1114127	19879
	12	Cummins C-190, NH Series V-903	1114128	19879
1963-77	12	All exc. Cat. 1673	1114058, 70, 1114083, 86, 87, 88, 1114127, 28, 58, 94	19879
1963-77	12	Cat. 1673	1114087	19862
	24	All	1113818, 887, 1113942, 65, 1109961, 71, 89	19848 19848

STUDEBAKER

Year	Volts	Engine or Model	Starter	Solenoid Switch
1963-64	12	All	MDU-7005, 25, 26	11850

WHITE

Year	Volts	Engine or Model	Starter	Solenoid Switch
1980	12	Cummins Eng. 855	1114806	19879
1974-77	12	All	1114128, 143, 154, 158, 167	19879
	24	Cat. 3406 w/5.12 Frame, Cat. 3306, Cumm. NTA, VT903, DET. 8V-71	1113952, 968, 969	19848
	24	Cat. 3406, 3408, Det. 8V-92, 12V-71 w/5.59 Frame	1109631	19848
1967-68	12	6 Cyl	1107224	13858
	12	6 Cyl	1107350	14858
	12	6-200	1107578	14858
	12	6-354 Diesel	1113653	13510
1963-65	12	V8-327	1108362	13858
	12	V8-366	1108369	13858
	12	All	1107541	11851
	12	All	1107224	13858
	12	All	1107671	13860
	12	All	1108469	11851
	12	6-354	1113641	13510
	12	All exc. 6-354	1104058, 86	19879
	24	All	1113842, 872, 1113887	19848

application for farm equipment—tractors

ALLIS-CHALMERS TRACTORS

Model	Engine	Volts	Starter Number	Solenoid Switch
A		6	ML-4178	11855
		6	ML-4214	11855
A-C	649 Series Dsl	12	1113657	13510
B, C	G-116, B-125	6	For Delco	11805
CA	B-125	6	All	11805

ALLIS-CHALMERS TRACTORS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
D-10, D-12, D-14	G-138, G-149, G-160, G-226	6	All	13863
		12	All	11851
D-15, D-15D	149, 160	12	All	11851
	175 Diesel	12	All	11853
D-17		12	1113082	13510
E		12	All	11855

solenoid switches for starters

application for farm equipment—tractors

ALLIS-CHALMERS TRACTORS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
G		6	All	11805
I-40, 1-400	G-149	12	All	11851
1-60, D, 1-600	G-160	12	All	11851
	D-175	12	All	11853
K, KO, L, LO		12	All	11851
M		6	All	11855
S, SO		6	All	11851
T-16 Sugar Babe	3500, 7000, 7500	24	All	19848
U, UC		6	All	11855
UE		12	All	11855
UM		6	All	11855
WK, WKO		12	All	11855
WM		6	All	11855
160	AD3, 152; D3, 152	12	1107859	13858
170, 175	236 Diesel	12	1107859	13858
170, 180	G-226, 265, 2500	12	All	13858
180, 185, 190	Diesel	12	All exc. 1107859	13510
180	2500 GAS			
190, 190XT	G-265, G-2000, G-2200	12	All	13858
	G-2500, G-2800XT G-2800LPXT	12	All	13858
	236 Diesel	12	All	13858
	2200, 2800, 2900 XT, 3500 Diesel	12	All	13510
210, 220	3400 Diesel	12	1114142	19879
615	2200 Diesel	12	All	13510
7030, 7050	3500	12	1113419	19879

J. I. CASE TRACTORS

Model	Engine	Volts	Starter Number	Solenoid Switch
D, LA, S, VA	D, LA, S, VA	6	MAB-4105	11855
		6	ML-4216	11855
		6	MZ-4095	11855
VC, VI, VO	Continental F-124	6	All	11855
210B, 211B	G-148, B G-188	12	For Prestolite	11851
		12	For Delco exc. 1107583, 84	13858
		12	For 1107583, 84	13858
300	G-148, F-140, F-162, GD-157 Diesel	12	All	11851
300B, 310, 320	GD-157 Diesel	12	All	11851
310	188 Diesel	12	For Delco 1107598	13858
400	400 Gasoline, F-140, F-162, GD-157	6	MAX-4095	13863
		12	MDL-6015	11853

J. I. CASE TRACTORS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
430, 435, LCK	G-148, B	12	All	11851
	G-188D	12	All exc. 1107533	13858
		12	For 1107583	13858
440, 441, 450, 470, 480, B, CK, CK-B	G-148, B, G-159, G-188, B, D	12	All	11851
		12	All	13858
470	180 Diesel	12	1108688	13858
500	FA-162, G-157, G-159, G-188, B, D, 500	12	All exc. MZ-4127	11851
530, 535CK	G-148B, G-159	12	All	11851
	G-188D	12	All exc. 1107583, 4	13858
		12	For 1107583, 4	13858
540, C, 541, C, 570, 580CK, CKB	G-159, G-188, B, D	12	For Prestolite	11851
		12	Exc. 1107584	13858
		12	For 1107584	13858
580-B		12	1109143 Sealed Ctr. Brg	13858
		12	1109190 Non Sealed Ctr. Brg	13858
600	F-209	12	MAW-4039	13863
	600 Diesel	12	All	11851
600G	F-209	12	MAW-4039	13863
630	G-188 Gasoline	12	All	11851
	G-188 Diesel	12	All	13858
630CK	A267, A301	12	All	13510
640, C, 641, C	G-159, G-188, B	12	All	11851
700B	251S	12	For Prestolite	11853
		12	For Delco	11851
	267D	12	All	13510
730, 734, 740	A251, 267, A284, A-301	12	All exc. 1108340	13510
		12	For 1108340	13858
		24	All	19848
770	Gas 251, 267, B, D, 870, 301 Dsl.	12	All exc. 1108426	13510
		12	For 1108426	13858
800B	251S	12	For Prestolite	11853
		12	For Delco	11851
	267D	12	All	13510
830, 840, 850	A267, A284, A301 Gas and Diesel	12	All	13510
		24	All	19848
870	301, BG, 336, D	12	1108426	13858
		12	1113688	13510
900B	377	12	For Prestolite	11851

J. I. CASE TRACTORS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
930	A267, A301, A377, A401	12	All	13510
940	401 Diesel	12	All	13858
970	377 Gas and 401 Diesel	12	For Prestolite	11851
		12	1108426	13858
1030, 1070, 1090, 1150, 1170, 1175, 1200, 1270, 1370, 1470, 2470	301, 401 Diesel	24	All	19848
	A451, D, BD, BDT, 504, BDT	12	For Delco 1107877 or 1108340	13858
		12	For Delco 1113688	13510
		12	For all other Delco	13510
		24	For Delco 1113353 or 370	19848
		24	For Delco 1113949	19848
2470		12	1114704	19879
4490, 4690, 4890	w/504, 674 Diesel Eng.	12	1114802	15556
4894, 4994	1985	12	1990467	15593

Compact Tractors

220, 230	Wisconsin THD	12	MZ-4194	11855

COCKSHUTT (Canada) & CO-OP TRACTORS

Model	Engine	Volts	Starter Number	Solenoid Switch
20	Continental F-126, F-140	6	All	11855
30	Buda 4B-153, 4BD-153 Gas, and Diesel	12	All	11851
40	Chrysler T-120	6	All	13863
	Buda 6B-230, 6BD-230 Gas and Diesel	12	All	11851
50	Buda 6BDA-273	12	All	11851
540	Continental F-162	6	All	13863
		12	All	11851
550	Hercules GO-198 Gasoline	12	All	11851
	Hercules DD-198 Diesel	12	1113633	13510
560	Perkins 270	12	1113636	13510
570	Hercules GO-298 Gasoline	12	All	11851
	Hercules DD-298 Diesel	12	1113633	13510
570	Hercules D-399A	12	All	13510
1600, 1650, 1800, 1850, 1900, 1950	See Oliver Tractors			

JOHN DEERE TRACTORS

Model	Engine	Volts	Starter Number	Solenoid Switch
A, AH, AN, AW	A	6	All	11804
		12	All	11804
AO, AR	AO, AR	6	All	13863
B	B	6	All	11805
BO, BR	BO, BR	6	All	13863
G	G	12	All	11804
H	H	6	All	11805
L, LA, M, MT	L, LA, M, MT	6	All	11805
R	R	6	All	11804
WA-14, 17	N-855-C1, NT-855-C1	12	1113842	19848
10, 24, T. WS	Wisc. VG4D & THD	6	MGB-4141	11855
40	All	6	All	11805
60	Gasoline	12	1108950	11804
70	Diesel-Gasoline starting engine	6	1107150	11859
80	Electric starter	24	1113801	19803
300, 301	Utility tractor w/152 Dsl. Eng.	12	1107871	14858
310, 380	Utility tractor w/164 Dsl. Eng.	12	1107871	14858
320, 330, 420, 430	All	6	All	11805
400, 410, 480	Utility tractor w/219 Dsl	12	1107871	14858
440	Skidder w/276 Dsl	12	1109251	14858
450C	Crawler w/219 Dsl. Eng.	12	1109251	14858
435D	Diesel	12	All	13858
440, 4401D	Gasoline	6	All	11805
	Diesel	12	All	13858
530	All	12	All	13860
620	All	12	1113092	13510
630	All	12	All	13510
644B	Loader w/531 Diesel Eng	12	1114191	19879
646	Compactor w/531 Diesel Eng	12	1114191	19879
700 Series	Diesel	12	1114166	19879
720	Gasoline	12	All	13510
	Electric starter	24	1113801	19803
730	Gasoline	12	All	13510
	Diesel-Electric Starter	24	1113801	19803
760A	Tractor w/531 Diesel Eng.	12	1114191	19879
762	Scrapper w/ 619-A Dsl. Eng.	12	1114191	19879
770	Grader w/531 Diesel Eng.	24	1114735	19848
780	Wisc. VG4D, VH4D	6	MBG-4141	11855
	135, 151, 152, 164, 180, 202, 219 Diesel & Gas	12	1107863	13858
		12	1107871	13858
		12	1108319	13858
	Electric starter	24	1113801	19803
830, 840	Electric starter	24	1113801	19803

solenoid switches for starters

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JOHN DEERE (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
890	Excavator w/ 619-A Dsl. Eng	12	1114191	19879
1010	115	12	1110789	13858
	135.5	12	1108319	13858
	145 Diesel	12	1108672	13858
	202 Diesel	12	1107599	13858
1020	Gasoline	12	For Delco	13858
	Diesel	12	All	13858
		12	1108319	13858
		12	1107871	13858
1520	164 Gas	12	1108319	13858
	164 Diesel	12	1107863	13858
2010	145	12	1107879	13858
	165 Diesel	12	1108672	13858
2020, 2030	Gasoline	12	All	13858
		12	1108319	13858
		12	1107863	13858
	Diesel	12	1107871	13858
2510	180 Gasoline, LPG	12	All	13858
	202 Diesel	12	All	13858
2520	202 Gasoline	12	1108319	13858
	219 Diesel	12	1107863	13858
	219 Diesel & Gas	12	1107871	13858
3010	201 Gas, LPG	12	All	13858
	254 Diesel	24	All	13513
3020	227 Gas, LPG	12	All	13858
	240 Gas, LPG	12	All	13858
	362 as, LPG	12	1107578	13858
	270 Diesel & Gas	12	All exc. 1113672	13510
	270, 404 Diesel	12	1113672	13510
		24	1113148	13513
		24	1113190	13513
4000	302 Gas, LPG	12	All	13858
	360 Gas, LPG	12	All	13858
	404 Diesel	12	All	13510
4010	302 LPG	12	All	13858
	302 Gas, LPG	12	All	13858
	381 Diesel	24	All	13513
4020	341 Gasoline	12	All	13858
	341LPG	12	All	13858
	360 Gas, LPG	12	1103578	13858
	362, 404 Gas, LPG, Diesel	12	1107587	13858
	404, 405 Diesel	12	1113672	13510
		24	1113148	13513
		24	1113190	13513
4030, 4230	329, 404, 531 Diesel	12	1113402	13510
		12	1114191	19879
4320	341 Gasoline, LPG	12	All	13858
	360, Gas, LPG	12	1103578	13858
	362, Gas, LPG	12	1107578	13858
	404, 405 Diesel	12	1113672	13510
		24	1113148	13513
		24	1113190	13513
4430	404, 531 Diesel	12	1114191	19879
		12	1113402	13510
4520	404 Diesel	12	All	13510
4620	404 Gas, LPG	12	1107578	13858
	404 Diesel	12	1113672	13510
4630	404, 531 Diesel	12	1114191	19879
		12	1113402	13510
NPD		12	028000-3290	14525

JOHN DEERE TRACTORS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
6030, 7020, 7520	404, 531 Diesel	12	1114191	19879
	404, 7020 Diesel	12	All exc. 1114191	13510
		12	1113402	13510

FORD TRACTORS

Model	Engine	Volts	Starter Number	Solenoid Switch
2N, 8N, 9N	4-119	6	All	12840
1800 Series	4-144, 172 Dsl.	12	All	12884
1801	All Diesel	12	All	12884
2000, 2110 Series	Gas 4-134	6	All	11853
	3-158	12	All	12881
	Diesel 4-144	12	All	12884
	3-158	12	All	12881
2000 Dextra, 3000 Series, 3000 Super Dextra Series				
3400, 3550	3-158, 3-175 Gas & Diesel	12	All	12881
4000 Series	Gas 3-192, 4-172	6	All	11853
		12	All	12881
	Diesel 3-201, 4-172	12	All	12884
		12	All	12881
Major 4000, 5000 Series	3-192, 3-201, 4-233	12	All	12881
4110, 4400, 4410	4-172 Gasoline	6	All	11853
	3-192 Gasoline	12	All	12881
	4-172 Diesel	12	All	12884
	3-201 Diesel	12	All	12881
Fordson Major Series, Super Major Series, 5000 Super Major Series	256 Gasoline or Diesel	12	For Ford-C5NF or C7NF 11001B	12881
6000 Series, Com-mander 6000 Series 7000 Series	6-223 Gasoline	6	All	13860
	256 Gasoline or Diesel	12	For Ford-C5NF or C7NF 11001B	12881

FORD TRACTORS (Lucas System)

Model	Engine	Volts	Starter Number	Solenoid Switch
1965-on	201, 256 & 401 C.I. 2910, 3910, 4610, 6610, 6710, 7610, 7710, 7910, 8210, 3310 X 4 TW Series Tractor		M-50	14477

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL TRACTORS

Model	Engine	Volts	Starter Number	Solenoid Switch
Cub, LoBoy				
154	C-60	6	All	11805
		12	All	13860
A, AV, Super A, Super AV, B, BN,				
Super C	C-113	6	All	11805
H, HV	C-152	6	All exc. 1107448	11805
		6	1107448	11855
Super H, Super HV	C-164	6	All	11805
M, Super M	C-162, C-264	6	All exc. 1107448	11805
		6	1107448	11855
ML, Super ML	C-264	6	All exc. 1107448	11805
		6	1107448	11855
Super MTA	C-264	6	All	11805
MV, Super MV-MVL, Super MVL	C-248, C-264	6	All exc. 1107448	11805
		6	1107448	11855
04	C-152	6	All exc 1107448	11805
		6	1107448	11855
06	C-248	6	All	11805
OS4	C-152	6	All exc 1107448	11805
		6	1107448	11855
OS6	C-248	6	All	11805
09		6	All	11805
W4	C-152	6	All exc. 1107447	11805
		6	1107448	11855
Super W4	C-164	6	All	11805
W6, Super W6	C-248	6	All	11805
Super W6TA	C-264		All	11805
W9, Super W9	C-335	6	All	11805
WD-9, WDR-9	D-335	12	All	11805
Super WD9 Super WDR9	D-350	12	1108944	11805
WR9	C-335	6	All	11805
WR9S	C-335	6	1108943	11805
100, 130	C-123	6	All	11805
140	C-123	6	1107093, 174	11805
		6	1108096	11805
		12	1107238	11851
Hydro 70	C-291	12	1107854	13858
Hydro 70D	D-312	12	1113201	13510
200, 300	C-123	6	All	11805
240	C-123	6	1107174	11805
		6	1107491	11805
300	C-169	6	All	13863
		12	All	11851
330	C-135	6	All	13863

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL TRACTORS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
340	C-135, Gas, LPG, D-166 Diesel	6	1107169	13863
		6	1108097	13863
350	C-175 Gasoline Continental	6	All	13863
	GD-193 Diesel	12	All	13858
354	BC-144	12	All	13858
400	C-264 Gasoline	6	All	13863
	C-264 LPG	12	All	11851
	D-264	12	1113034	13510
404	C-135	12	All	13858
424, 444	C-146, C-153, BD-154 Diesel	12	All	13858
450, W-450	D-281 Diesel	12	All	13510
454, D	C-157, C-175	12	1108394	13858
	C-179, C-200	12	1113203	13510
		12	1113690	13510
	D-154	12	1107585	13858
460	C-221 Gasoline	12	All	13858
	C-221, LPG, D-236 Diesel	12	1107543, 64	13858
		12	1108642, 57	13858
464	C-175	12	All	13858
504	C-153	12	All	13858
	D-188	12	All	13858
544	C-200	12	1107854	13858
		12	1108334	13858
	D-239	12	1113198	13510
		12	1113201, 680	13510
560	C-263 Gasoline	12	All	13858
	C-263 LPG	12	1107543	13858
		12	1108642, 657	13858
	D-282 Diesel	12	All	13510
574D	C-157	12	1108394	13858
		12	1107867	13858
		12	1113690	13510
600	D-350	12	All	13510
606	C-221 Gasoline C-221 LPG, D-236 Dsl	12	All	13858
650	D-350 Diesel	12	All	13510
656, D	C-263 Gasoline	12	All	13858
	C-263 LPG	12	All	13858
	D-282 Diesel	12	All	13510
	Diesel	12	All	13510
660	C-263 Gasoline	12	All	13858
	C-263 LPG	12	1107543	13858
		12	1108642, 657	13858
	D-282 Diesel	12	All	13510
666D	D-310	12	1113197, 98 1113201	13510
647D, RCD	C-157	12	1108394	13858
			1107867	13858
		12	1113690	13510
686D-A	D-310, D-312	12	1113197, 98 1113201	13510

solenoid switches for starters

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INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL TRACTORS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
706, 756, 806, 856	C-263, C-291, C-301 Gasoline, LPG, D-282, D-310, D-361, D-407 Diesel	12	1108691	13858
		12	1108334	13858
		12	1113176, 674	13510
826, D	C-301 Gas & LPG	12	1108334	13858
	D-358 Diesel	12	1113685	13510
966, 1066D	DT-414	12	1113647	13510
1206, 1256	DT-361, DT-407	12	All	13510
1275	C-291	12	1108691	13858
1456, D, 1466D	D-407, DT-436	12	1113647	13510
1468D	DV-550B	12	1113647	13510
1568D	DV-550B	12	1113647	13510
2400A, B, A-D, B-3	C-157	12	1108394	13858
		12	1113203	13510
	D-179	12	1107867	13858
		12	1113690	13510
2404	C-135	12	All	13858
2424, 2444, D	C-146, C-153 Gasoline	12	All	13858
	BD-154	12	All	13858
2500A-D, B-D	C-200, C-239	12	1113203	13510
		12	1108394	13858
		12	1107867	13858
		12	1113690	13510
2504	C-153 Gasoline	12	All	13858
	D-188 Diesel	12	All	13858
2544	C-200 Gas	12	1107854	13858
		12	1108344	13858
	D-239	12	1113198	13510
		12	1113201, 680	13510
2606	D-236 Diesel	12	All	13510
2656, D	C-263 Gasoline	12	All	13858
	C-263 LPG	12	All	13858
	D-282 Diesel	12	All	13510
2706, 2756, D, 2806, 2856	C-263, C-291, C-301 Gas, LPG D-282, D-310, D-361, D-407 Diesel	12	All	13858
		12	All	13510
2826D	D-358	12	1113685	13510
3400A-D	C-175	12	1108394	13858
	D-179	12	1107867	13858
		12	1113690	13510
3414, 3444	BC-144, C-154 Gasoline	12	All	13858
	BD-154, D-154	12	All	13858
3500AD, DA	D-239	12	1107867	13858
		12	1113690	13510
		12	1108394	13858
		12	1113203	13510
384, 484, 584, 684, 784	D-179, 206, 239, 246	12	1998343	14524

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL TRACTORS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
3514, 3516	C-188, C-221, C-153 Gasoline, LPG	12	1107744	13858
		12	1107854	13858
		12	1108343, 44	13858
3514, 3516	D-188, D-236, D-239 Diesel	12	1107543, 64	13858
		12	1107855	13858
		12	1113198	13510
		12	1113201, 680	13510
3514, D	C-173 Gas	12	1108344	13858
	Hyd. Trans.	12	1107854	13858
	Hyd. Trans	12	1113680	13510
	D-239	12	1113206	13510
3616	C-221, D-236	12	1108344	13858
		12	1107855	13858
3800, 3850	C-263 Gasoline, LPG	12	All	13858
	D-282, D-291	12	All	13510
4166D	DT-436	12	1113409	13510
4500A, B, A-D, B-D	C-157	12	1108394	13858
		12	1107867	13858
	D-179	12	1113690	13510
6000	C-200	12	1107854	13858
		12	1108344	13858
	D-239	12	1113198, 201	13510
7588, 7788	w/V-800 Eng	12	1114890	15556
21216, 21256, 21456	DT-361, DT-407	12	All	13510

MASSEY FERGUSON TRACTORS (INCLUDES MASSEY-HARRIS)

Model	Engine	Volts	Starter Number	Solenoid Switch
MF20, MF30, 31, 40	Perkins AD3-152, AD4-203, AG3-152, AGA-212, A4236	12	1107268	13858
		12	1107329	13858
		12	1107512, 39	13858
		12	1107860	13858
		12	1108396	13858
		12	1108397	13858
MF20C	AD3-152	12	1107872	14858
MF20C	Z-145	12	1109080	14858
MF85, MF88, MF90, MF Super 90	Continental E-242 Perkins 4A, 300	12	1113126, 139	13510
MF130	Perkins A4-107	12	All	13858

MASSEY-FERGUSON TRACTORS (INCLUDES MASSEY-HARRIS) (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
MF135, MF150, MF165, G & D	Continental Z-134, Z-145, G-176, Perkins AG-152, AD3-152, 4-203, AD4-203, A4-236, AG4-236, AG4-212	12	1107268	13858
		12	1107329	13858
		12	1107512	13858
		12	1107860, 39	13858
		12	1108324	13858
		12	1108379, 396	13858
		12	1108397	13858
MF235	AD3-152	12	1107870, 72	13858
MF174, 175, 285, MF180, G & D	Continental G-206, BG-206, Perkins A4-236, AD4-236, A4-236	12	1107268	13858
		12	1107329	13858
		12	1107539	13858
		12	1108396	13858
	A4-318	12	1113676	13510
MF1000, 1105, MF1080, 1085, MF1100, MF1130	Perkins A4-318, AD4-318	12	All	13510
	Perkins A6-354, AT6-354	12	All	13510
	Waukesha F-320G	12	All	13858
MF-1150, 1155	Perkins AV8-510	12	1114175, 90, 98	19879
MF-1500	Cat. V8-573 Cat. V8-636	12	1114156, 90	19879
MHF3, MH4, MJA-382, MJD-382D	Continental E-201, E-208, F-124, F-162, H-260, J-382, JD-382	6	All	11855
T020, T030	Continental Z-120, Z-129	6	All	11858
T035	Continental Z-129, Z-134, 236 Diesel	6	1109457	11858
		12	1108649	11851
11 Pony, 16 Pacer	Continental N62, Y91	6	All	13863

MASSEY-FERGUSON TRACTORS (INCLUDES MASSEY-HARRIS) (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
21 Colt, 22, K, 23, K, Mustang	Continental F-124, F-140	6	All	11855
33, K, 44	Continental E-201, H-260, H-277	6	All	11855
55	Continental J-382	6	ML-4309	11855
MF-50C	AD4-236	12	1109257	14858
MF-2745	Perkins AV8-540	12	1114190	19879
MF-2775, MF-2805	Perkins AV8-640	12	1114190	19879
MF-4790	V8-640	12	1114190	19879
MF-4840 MF-4880	Cummins V8-903T	12	1114074	19879
MF-4500	Cont. Z-145	12	1109080	14858

MINNEAPOLIS-MOLINE TRACTORS (INCLUDES AVERY)

Model	Engine	Volts	Starter Number	Solenoid Switch
BF, B1G		6	1109604	11805
		6	1109609	13863
CU		12	All	11851
D-1	425B-6	12	All	11851
GB, GBLB	403C-4	12	1108983	11851
		12	1113029	11851
GTA, GTB	LE, 403A	6	All	13863
GTC	34A-40	12	All	11851
GVI	425B-6, D425A-6	12	1107576	13858
		12	1113020	11851
G705, G706, G707, G708, G900, G950, G1030, G1350	425, 451, 504A, 504B	12	1107576	13858
		12	1113020	11851
		12	1114109, 110	19879
HU		12	All	11851
Jet Star 3	206B-4, 206L-4, 220A-4	12	1107332	13858
		12	1107356	13858
		12	1107576	13858
		12	1108416	13858
M5	D336-4	12	For Prestolite	11851
M504	D336A-4	12	1113654	13510
		12	1113080	11805
		12	1107356	13858
M604	D-336-A	12	1113654	13510
		12	1113080	11805
		12	1107356	13858
M670, Super M670	336A-4, D336A-4	12	1107356	13858
		12	1107584	13858
		12	1113654	13510
R	IXB3SL	6	For Prestolite	13863
		6	For Delco	13863
RT	EE	6	All	13863

MINNEAPOLIS-MOLINE TRACTORS (INCLUDES AVERY) (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
UB, UBE, UBED, UBN, UBND, UBUD, UTC, UTCD, UTI, UTID, UTIL, UTILD, UTSD, UTU	283C-4, 283B-4 AEC, KEF,	6	All	13863
	D283-4	12	1107659	11851
		12	1107605	11851
UNI-Tractor	106N, V206-4,			
	206N	6	All	13863
		12	1107658	11851
		12	1108167	11851
	292	12	All	13858
	401	12	All	54001
U302	220-A4	12	1107332	13858
		12	1107576	13858
		12	1107356	13858
V	ZXB-3	6	All	13863
ZA, ZAS	206B, 206G-4	6	All	13863
		12	All	11851
ZB, ZBE, ZBN, ZBU	206G-4	12	All	11851
4 Star	206H, 206L4,			
	D206-4	12	1108162	11805
		12	1113078	11805
11-302	206B-4, 206L-4,			
	220A-4	12	All	13858
165-4A, 206A-4A, 283-4A		6	All	13863
335	165A, D206H	12	1108059	11805
		12	1113058	11805
445	206H, D206-4	12	1108162	11805
		12	1113058	11805
1210-12A, 4256A, 6056A		12	All	11805

OLIVER TRACTORS

Model	Engine	Volts	Starter Number	Solenoid Switch
OC-4-3G	Hercules GO-130	6	All	13863
Super 44	Continental			
	F-140	6	All	13863
Super 55	Own	12	1107682	11851
Super 66	Own	12	1107682	11851
Super 77	All exc. Diesel	12	1107682	11851
	Diesel	12	1113075, 88	13510
88 Super	Gasoline, LPG,			
	Own	12	1107682	11851
		12	1113075	13510
Super 99	Own 6 cylinder			
	all exc. Diesel	6	1108951	11855
		6	1113014	11855
440		6	All	13863
500, 550	144, 216, 265,			
	550 Gas & Dsl	12	1107538	13860
	Diesel	12	1107539	13858
	Gas & Diesel	12	1107682	11851

OLIVER TRACTORS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
770, 880	144, 216, 232, 265, 770, 880			
	Gas & Dsl	12	1107538	13858
	Gas & Diesel	12	1107682	11851
	Gas	12	1108431	13858
	Diesel	12	1113088	13510
	Diesel	12	1113098	13510
	Diesel	12	1113139	13510
950	950 all exc. Dsl.	12	All	11851
1255, 1355, 1550, 1555	232, 265, 283, 310, 1500 Gas			
	& LPG	12	1108431	13858
	Diesel	12	All	13510
1600	1600 All exc.			
	Diesel	12	All	11851
	Diesel	12	All	13510
1650, 1655, 1750, 1755	265, 283, 320, 1650, 1750 Gas			
	& LPG	12	1108431	13858
	Diesel	12	1113098, 88	13510
	Diesel	12	1113139, 1113656	13510
1800	1800 All exc.			
	Diesel	12	All	11851
	Diesel	12	1113088, 98	13510
	Diesel	12	1113165	13510
1850, 1855	310, 320, 354,			
	1850 Gas & LPG	12	1107682	11851
	Gas & LPG	12	1108431	13858
	Diesel	12	1113088	13510
	Diesel	12	1113098	13510
	Diesel	12	1113139	13510
	Diesel	12	1113656	13510
1900, 1950, T, 1955, T	4-53, 310, 1900,			
	1950, 1955 Dsl.	12	All	13510
2050, 2055, 2150, T, 2155, T, 2655	118HP, 131HP, 2150T, 2155T,			
	2050, D-585-6	12	1114171	19879

WHITE TRACTORS

Model	Engine	Volts	Starter Number	Solenoid Switch
U-302 Gas & LPG; Jet Star 3 Gas & Diesel	222A4 Gas & LPG 206L-A			
	Dsl., Gas & LPG	12	1107356	13858
	Diesel	12	1107576	13858
	Jet Star 3 (Gas)	12	1108416	13858
G-950	425 Gas	12	1107576	13858
	451 Diesel	12	1114110	13510

for starters

ACE™

application for farm equipment—tractors

WHITE TRACTORS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
G-1050, 1055, 1350, 1355, 2055	A4T-1600, 504-B-6 LPG, A4T-1400, 504-A-6 Diesel,			
	D-585-6 LPG	12	1107576	13858
	Diesel	12	1114110	13510
1555	Wauk. 232			
1655	Wauk. 265			
1755G	Wauk. 283			
1755D	Wauk. 320			

WHITE TRACTORS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
1855	Wauk. 310 Gas & NGVG	12	1108431	13858
	Diesel	12	1113139	13510
1955	Wauk. 310	12	1113656	13510
2155, 2655	A4T-1600, 504B-6, LPG, D-585-6 Diesel A4T-1400; 2455 D504A-L Dsl.			
	LPG	12	1107576	13858
	Diesel exc. 451 Engine	12	1114110	19879
2255	Cat. 3150	12	1114156	19879

application for farm equipment—combines

ALLIS-CHALMERS COMBINES

Model	Engine	Volts	Starter Number	Solenoid Switch
A, A2, AH (Hillside), B, B Rice, C, C2, CH (Hillside), CR Rice	G230, GB-230, G-262	12	All	11851
	D-262, DT-262 Diesel	12	All	13858
	GD-230	12	All	11851
F	G-262 Gas	12		11851
	2800 Diesel	12	All	13510
	Opt	12	1113689	19879
	6-292 Gas	12	All	13858
G	2800 Gas	12	All	13858
	2900 Diesel	12	All	13510
	350 Gas	12	All	13858
	6-250	12	1108425	13858
I	6-292 Gas	12	All	13858
	2800 Diesel	12	All	13510
	Opt	12	1113689	19879
K	6-250	12	All	13858
L	2900 Diesel	12	All	13510
	Opt	12	1113689	19879
M	350 Gas	12	1118360	13858
	2900 Diesel	12	All	13510
R	GB-230, G-262	12	All	11851
66, 72, 90	G-149	6	All	13863
		12	All	11851
A-C	433 Series 4-200 Diesel	12	1109255	14858
	685 Series 6-516 Diesel	12	1114825	15556
	649 Series 6-301 Dsl. Std.	12	1109255	14858
F	2350 Diesel	12	1109255	14858
G	2300 Diesel	12	1109255	14858
L	3500 Diesel	12	1109255	14858

J. I. CASE COMBINES

Model	Engine	Volts	Starter Number	Solenoid Switch
A	Wisconsin VF4	6 & 12	All	11855
K2, M2	VTA1109, VTA1110, TV124, W106	6	All	11855
SP, SPV, SP9, SP12	SE, DE	6	All	11855
V2	Hercules JXC	6	All	13863
65	Wisconsin VF4	6 & 12	All	11855
110	VA	6	All	11855
120	400	6	All	11855
150	400	6	All	13863
301		6	All	11855
302		6	All	13863
600, 660	G-188B	12	All	11851
700	Chrysler H-225	12	All	11851
800, 1000, 1010	GO-298 Gasoline	12	All	13858
	Diesel	12	All	13510

COCKSHUTT (Canada) & CO-OP COMBINES

Model	Engine	Volts	Starter Number	Solenoid Switch
SP109, SP110, SP112, SP115, SP132, SP137, SP215, SP420	Chrysler Industrial 5A & 7A	6	All	13863
SP427, SP428, SP429	Chrysler Industrial 236, 251	6	All	13863
SP430, SP431	Chrysler Industrial 265	12	All	11851
	7, 18, 422 All	6	All	11855

solenoid switches for starters

application for farm equipment—combines

COCKSHUTT (Canada) & CO-OP COMBINES (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
525, 535, 542	Chrysler Industrial 251, 265	12	All	11851
545, 5542, 5555	Chrysler Industrial 265	12	If MDT-6010	11851
	Chrysler Industrial 318	12	If MDU-6003	11851
4400	292 Gas	12	1108360	13858
		12	1108489	13858
	329 Diesel	12	1107871	13858
6600	303 Gas	12	1108319	13858
	329 Diesel	12	1107863, 71	13858
6602	362 Gas, 404 Diesel	12	1113402	13510
		12	1113656	13510
7700	362 Gas	12	1107578	13858
		12	1107350	13858
		12	1109145	13858
	404 Diesel	12	1113656	13510
		12	1113402	13510

JOHN DEERE COMBINES

Model	Engine	Volts	Starter Number	Solenoid Switch
25	Continental Y-112	6	All	13863
40	Deere with Delco-Remy Str.	12	All exc. 1107863	13858
	Deere with Delco-Remy Str.	12	1107863	13858
45	Deere & Hercules; Gas, LPG	6	All	13863
	Deere, Gas, LPG	12	1107736	11851
	For Delco-Remy Starter	12	1107863	13858
		12	1107879	13858
	Deere Diesel	12	1108319	13858
		12	1108672	13858
		12	1113104	13510
		12	1108360	13858
55	Hercules	6	All	13863
		12	All	11851
	Deere, Gas, LPG, for Delco-Remy Starter	12	1107685, 736	11851
		12	1107863	13858
		12	1107879	13858
	Deere Diesel	12	1108319	13858
		12	1108672	13858
		12	1113104	13510
		12	1108360	13858
65	Hercules	6	All	13863
	Deere; Gasoline, LPG	12	All	11851
95	Deere Gas, LPG, For Delco-Remy Starter	12	1107350	13858
		12	1107578	13858
		12	1107879	13858

JOHN DEERE COMBINES (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
95	Deere Diesel	12	1108319, 1108360	13858
105	Deere Gas, LPG For Delco-Remy Starter	12	1107350	13858
		12	1107578	13858
	Deere Diesel	12	All exc. 1113672	13510
		12	1113672	13510
111	Peanut Deere	12	1107863	13858
		12	1108319	13858
		12	1108360	13858
3300	202 Gas	12	1108319, 60	13858
	219 Diesel	12	1107863, 71	13858

FORD COMBINES

Model	Engine	Volts	Starter Number	Solenoid Switch
16-46, thru 49, 16-98 thru 101	Wisconsin VF4D	6	All	11855
17-1	223	12	All	12881
17-14 thru 17	Wisconsin VF4, VF4D	6	All	11855
17-34, 17-35	300	12	All	12881
19-14 thru 17	Wisconsin VD4D	6	All	11855
620	233	6	All	11853
630, 640	300	12	All	12881

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL COMBINES

Model	Engine	Volts	Starter Number	Solenoid Switch
20C	SD-240	6	All	13863
64, 76-6, 76-7	C-113	6	All	13863
80	Wisconsin VH4	6	All	11855
91	C-135	6	All	13863
93, 93SP, 105SP	C-153	6	All	13863
		12	All	13858
	D-154	12	All	13858
101	BD-220	6	All	13863
		12	All	13858
	D-236 Diesel	12	All	13510
105	C-153 Gasoline	12	1107344	13858
122, 123	GRD-214, GRD-233	6	All	19879
127, 141	SD-240	6	All	13863
140	C-169, C-175	6	All	13863
	Wisconsin VR4D	12	All	11851
141	SD-240	6	All	13863
151	BD-264	6	All	13863
		12	All	13858
	D-282 Diesel	12	All	13510
160	BD-240	6	All	13863
181	BD-264 Gasoline	12	All	13858
	D-282 Diesel	12	All	13510
203, E, 205, S.P.	C-153	12	1107344	13858
		12	1107738	11851

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL COMBINES (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
205, 303, 315	C-153, BD220, C-221	12	All	13858
315	BD-331	12	1107344	13858
403, 503	C-263, C-282 Gas	12	All	13858
	D-282, D-301 Diesel	12	All	13510
453, 453D	C-301 Gas	12	1107679	13858
615	C-263	12	1107679	13858
	D-301	12	1113650	13510
615D	D-282	12	1113220	13510
715, 715D	C-301 Gas	12	1107679	13858
	D-301 Diesel	12	1113650	13510
815, 918, D	V-304, V-345 Gas, LPG	12	All	13858
	D-358 Diesel	12	All	13510
D-407, DT-407	D-414, DT-414 Diesel	12	1113647	13510
	V-392 Gas	12	1108344	13858

MASSEY FERGUSON COMBINES

Model	Engine	Volts	Starter Number	Solenoid Switch
21, 21A	Chrysler 5, 5A	6	All	13863
22, 23, 25	Continental F-124, F-162	6	All	13863
26	Chrysler 5A	6	MAX-4048	13863
	Continental F226	6	MCL-6004	13863
27	Chrysler 8A	6	MAX-4058	13863
	Hercules JXC	6	MAB-4101A	13863
35 Self Propelled & Super 35	Continental F-140	6	For Prestolite	13863
		6	For Delco 1107176	13863
		6	For Delco 1107178	13863
50	Wisconsin VF4	6	All	11855
60 Pulled Type	Continental F-140	6	All	13863
60, 70 Self Propelled	Chrysler 5A, 30	6	All	13863
72 Pulled Type	Continental F-140	6	All	13863
72 Self Propelled				
80, 82 Self Propelled				
90,92	Chrysler 5A, 8A, 30, 251	6	All	13863
92 Self Propelled	Chrysler 265	12	For Prestolite	11851
		12	For Delco	11851
Super 92	Chrysler 225	12	All	11851
222	Continental F-162	6	All	13863
322	Chrysler 5, 5A	6	All	13863

MASSEY FERGUSON COMBINES (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
Clipper Combine	Continental F-162	6	All	13863
Clipper Combine 6 ft., 7 ft.	Wisconsin VF4	5	All	11855
MF150	GMC327	12	All	13858
	Perkins A6, 354	12	All	13510
MF205, MF300	Chrysler 170, 225	12	All	11866
	Perkins A4-203, AD4-203	12	All	13858
MF410, MF510	GMC292, 327	12	All	13858
	Perkins A4-300, A6-354	12	All	13510
	V8-350 Gas	12	1108489	13858
		12	1108360	13858
MF-740, 750, 760	Perkins A6-354	12	1113139	13510
	Perkins A372 Std	12	1113683	13510
	Perkins AVS540 Opt	12	1114175	19879

MINNEAPOLIS-MOLINE COMBINES

Model	Engine	Volts	Starter Number	Solenoid Switch
G4	206J4	6	All	13863
G12	Wisconsin VG4D	12	All	11855
S	Continental F-226	6	1107970	13863
69, 88	Wisconsin VE4, VR4	6	All	11855
2890	Chrysler 251	12	All	11851
3490	Chrysler 265	12	All exc. MDT-6010	11855
		12	MDT-6010	11851
3496, 3496R, 4290, 4292	Chrysler 265	12	All	11851
4293, 4296, 4296R, 5297	Chrysler 265	12	MDT-6010	11851

OLIVER COMBINES

Model	Engine	Volts	Starter Number	Solenoid Switch
18	Wisconsin VH4	6	All	11855
33	Continental F-226 Gas	6	For Prestolite	11855
	88 Diesel	12	1113075	13510
35SP, 40	88 Diesel	6 & 12	All	13510
430, 431, 525, 535, 535 Rice, 542, 545, 545 Rice, Edible Bean, 5542				
5555	All Chrysler Eng.	12	All	11851

solenoid switches for starters

application for farm equipment—cotton pickers

JOHN DEERE COTTON PICKERS

Model	Engine	Volts	Starter Number	Solenoid Switch
8, S	Hercules QXD-3	6	All	13863
		12	All	11851
55, 65, 95 Two Row Self Propelled	Deere	12	1107685	11851
482 Stripper	NA-217	12	All	11851
499, 699	329	12	1113402	13510
	299 Gas, Diesel & LPG	12	1107871	13858
	Diesel	12	1113042	13510

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL COTTON PICKERS

Model	Engine	Volts	Starter Number	Solenoid Switch
95	C-301	12	1108321	13858
	D-310	12	1113197	13510
214	BD-240	12	All	13858
220	BD-240	6	All	13863
		12	All	13858

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL COTTON PICKERS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
414	BD-264, C-263 Gasoline	12	1107679	13858
		12	1107734	13858
	D-282 Diesel	12	All	13510
		12	1113193	13510
416	C-263 Gasoline	12	All	13858
	D-282 Diesel	12	All	13510
420	BD-264, C-263 Gasoline	12	1107679	13858
		12	1107734	13858
	D-282 Diesel	12	All	13510
422	C-263 Gasoline	12	All	13858
	D-282 Diesel	12	All	13510
		12	1113193	13510
601, 602, 616, 622	C-291 Gasoline	12	All	13858
	D-310 Diesel	12	All	13510
	C-301	12	1108321	13858

application for farm equipment—forage harvesters

ALLIS-CHALMERS FORAGE HARVESTERS

Model	Engine	Volts	Starter Number	Solenoid Switch
50	G-149	6	All	13863
		12	All	11851

JOHN DEERE FORAGE HARVESTERS

Model	Engine	Volts	Starter Number	Solenoid Switch
8	Continental F-162	6	All	11855
72, 74	Wisconsin VP4D	6	MZ-4118, 4175	11855
		6	MZ-4184	11855
H-7100, 155	6531A Diesel	12	1114191	11850
	Gas	12	1107350	13858
5200	Self Propelled - 404, Diesel	12	1113391	13530
5400	531 Diesel	12	1114191	19879

FOX RIVER FORAGE HARVESTERS

Model	Engine	Volts	Starter Number	Solenoid Switch
Fox, Hevi Duty	Continental FA-226, FA-244	6	All	11855

GEHL BROTHERS FORAGE HARVESTERS

Model	Engine	Volts	Starter Number	Solenoid Switch
Forage Harvester SP82	Wisconsin VG4D	6	All	11855
	Continental M-263	6	MAB-4071	11855

LUNDELL MFG. CO. FORAGE HARVESTERS

Model	Engine	Volts	Starter Number	Solenoid Switch
55-17	Continental F-244	6	All	11855
Forage Harvester Super 606	Wisconsin VG4D	6	All	11855
	Wisconsin VG4D	12	All	11855
2020	Self-Propelled VG4D	6	All	11855
	V461D	12	All	11851

MASSEY-FERGUSON FORAGE HARVESTERS

Model	Engine	Volts	Starter Number	Solenoid Switch
Clipper Forager	Continental F-226	6	MAB-4082	11855
		6	MAW-4054A	11855

NEW HOLLAND FORAGE HARVESTERS

Model	Engine	Volts	Starter Number	Solenoid Switch
600, 601, 611	Wisconsin VF4, VH4D, VP4, VP4D, VG4D	6	All	11855
	Wisconsin VG4D, VH4D, V460D, V461D	12	MDY-7006	11851
800, 810, 818	Continental FA-244	6	All	11855

for starters

ACE™

application for farm equipment—hay balers

ALLIS-CHALMERS HAY BALERS

Model	Engine	Volts	Starter Number	Solenoid Switch
Standard, 10	G-149	6	All	13863
		12	All	11851
300, 302, 303	Wisconsin VH4D	12	All	11855

J. I. CASE HAY BALERS

Model	Engine	Volts	Starter Number	Solenoid Switch
NAP2	Own SE	6	All	11855
NCM, NT	Wisconsin VE4, VF4	6	All	11855
130	Wisconsin TFD, THD	6	All	11855
133, 135	Wisconsin TFD	6	All	11855
140T, W, 160T, W	Wisconsin VE4, VF4	6	All	11855
177	Wisconsin VG4D	6	All	11855
200	Wisconsin THD	6 & 12	All	11855
220, 230	Wisconsin THD	6	All	11855
330, 850, 1010, 1020, 2020	Wisconsin THD, VG4D, VH4D	6	All	11855

JOHN DEERE HAY BALERS

Model	Engine	Volts	Starter Number	Solenoid Switch
10	Wisconsin VG4D	6	All	11855
14T, 24T, 24WS	Wisconsin THD	12	All	11855
	Wisconsin TFD	12	All	11855
114W, 116W	Wisconsin VF4D	6	All	11855
214T, 214W, 214WS	Wisconsin VH4D	6	All	11855
	Wisconsin VH4, VG4D	6	All	11855
216T, 216W, S, WS, 224T, 224WS	Wisconsin VH4D	6	All	11855
425	Hay Cuber w/DDAD 6V-71	12	1114128	19879

J. A. FREEMAN & SON HAY BALERS

Model	Engine	Volts	Starter Number	Solenoid Switch
Baler 25A, 25AW, 25ACWT, 26, 28, 100, 100W, 200, 200T, 200W, 300, 300T, 300W, 330, W	Wisconsin VG4D, VH4D	6 & 12	All	11855

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL HAY BALERS

Model	Engine	Volts	Starter Number	Solenoid Switch
Baler	Wisconsin TFD, VF4D, VG4D	6	All	11855
37	C-123	6	All	13863
34, 37 Twine, 37 Wire	Wisconsin THD, VH4D	6 & 12	All	11855
	Wisconsin VH4	6	All	13863
		12	All	11851
45	Wisconsin THD, VH4D	6	All	11855
46	Wisconsin THD, VF4	6	All	11855
		12	All	11855
46 Twine, 46 Wire	Wisconsin THD	6	All	11855
47	C-123	6	All	13863
47 Twine, 47 Wire	Wisconsin THD, VH4D	6 & 12	All	11855
	Wisconsin VH4	6	All	13863
		12	All	11851
50	C-60, C-113	6	All	13863
55	C-123	6	1107490	13863
		6	1107999	13863
55 Twine, 55 Wire	C-60	6	All	13863
	C-113	6	All	13863
56 Twine, 56 Wire	Wisconsin VH4D	6 & 12	All	13863
	C-123	6	1107490	13863
		6	1107999	13863
57 Twine, 57 Wire	Wisconsin VH4D VH4, C-123	6	All	13863
		12	All	11851
60 Wire, 70 Wire, 71 Wire	Wisconsin VG4D, VR4D	6 & 12	All	11855
430T, 430W, 440T, 440W	Wisconsin THD, VG4D, VH4D, VR4D	6 & 12	All	11855

solenoid switches for starters

application for farm equipment—power units

ALLIS-CHALMERS POWER UNITS

Model	Engine	Volts	Starter Number	Solenoid Switch
670	Diesel Eng	12	1114893	15556
		24	1114851	15559
685	Diesel Eng	24	1114915	15559
6138	Diesel Eng	24	1114916	15559
433, 649	Diesel Eng	12	1109255	14858
670	Diesel Eng	12	1114055	19879
11,000	Diesel Eng	24	1113898	19848
21,000				
25,000	Diesel Eng	24	1113892	19848
2800	Mark I,			
	2900 Mark II	12	1113657	13510
3400, 3500	Diesel	12	1114055	19879

CENTURY ENGINEERING POWER UNITS

Model	Engine	Volts	Starter Number	Solenoid Switch
CHC-6B	Wisconsin THD	6	All	11855
CHC-6C	Wisconsin THD	6	All	11855
	Kohler K662	6	All	13863
		12	All	11851

JOHN DEERE POWER UNITS

Model	Engine	Volts	Starter Number	Solenoid Switch
600, 700	NA115	12	If Delco Remy	13858

FINCO POWER UNITS

Model	Engine	Volts	Starter Number	Solenoid Switch
6.8	Wisconsin AEND	6	All	11855
6.18	Wisconsin THD	6	All	11855
6.25	Wisconsin THD	6	All	11855
	Kohler K-660	6	All	13863

HAGIE POWER UNITS

Model	Engine	Volts	Starter Number	Solenoid Switch
CANE	Wisconsin THD,			
	VH4D	6	All	11855
	Kohler K-662	6	All	13863
		12	All	11851
CB		6	All	11855
180	Wisconsin THD	6	All	11855
260W	Kohler K-662	6	All	13863
		12	All	11851
320, 340, 430, 432, 435W, 437	Wisconsin VH4D	6 & 12	All	11855
440	Chrysler HB225	12	All	11851

INTERNATIONAL HARVESTER, McCORMICK-DEERING & FARMALL POWER UNITS

Model	Engine	Volts	Starter Number	Solenoid Switch
660, 770, 880	C-146	12	All	13858

W. F. LARSON, INC. POWER UNITS

Model	Engine	Volts	Starter Number	Solenoid Switch
Copeland 6500, 6500 DeLux, 6800 Copeland 6500 Diesel, 6800 Diesel	Ford 4000	6	All	11853
		12	All	12884

POLAND MFG. CO. POWER UNITS

Model	Engine	Volts	Starter Number	Solenoid Switch
A-18, A-18-E, A-18S	Wisconsin THD	12	All	11855
A-26E	Kohler K-662	6	All	13863
		12	All	11855

application for farm equipment—sprayers

JOHN BEAN SPRAYERS

Model	Engine	Volts	Starter Number	Solenoid Switch
625, 6-30, 6-40	Wisconsin THD, VE4, VE4D, VG4D, VH4D	6 & 12	MBG-4040, 4141	11855
6-50	Wisconsin VG4D	12	All	11855
6-60, 6-70	Kaiser Willys F4-134	12	All	11851
8E, 8RD	Wisconsin TH, THD, VF4D, VG4D, VP4D	6	MZ-4184	11855
	Wisconsin TF, TFD	6	MZ-4194	11855
12	Wisconsin VF4D	6	All	11855
14	Wisconsin VF4D, VH4D	12	All	11855

JOHN BEAN SPRAYERS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
15RD	Wisconsin TH, THD, VR4D, VG4D, VP4D	6	MZ-4184	11855
	Wisconsin VF4D	6	MZ-4192	11855
22, 20RD	Wisconsin TF, VF4D, VH4D	6 & 12	All	11855
20TP	Wisconsin TH, THD, VF4D, VG4D, VP4D	6	All	11855
	Wisconsin TF	6	All	11855
25	Wisconsin TF	6	All	11855
26F	Wisconsin TH, THD, VF4D, VG4D, VP4D	6	MZ-4184	11855
	Wisconsin VG4D	6	MZ-4192	11855

JOHN BEAN SPRAYERS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
28E, 28G	Kaiser Willys F-4	6	All	13863
		12	All	11851
30RC	Kaiser Willys F-4	6	All	13863
35	Wisconsin VG4D	6	All	11855
		12	MBG-4024	11855
		12	MBG-4109	11855
	Wisconsin VH4D	12	All	11855
35TP	Wisconsin TH, THD, VF4D, VG4D, VP4D	6	All	11855
48	Wisconsin VE4	6	All	11855
60	Kaiser Willys F	6	All	13863
70HC, EF	Wisconsin TH.	6	All	11855
100E Rotomist 200CP, C200CP, D200CP, E200CP, F200, G200CP 275CP, A275CP, C275, C275CP,	Kaiser Willys F-4	6	All	13863
		12	All	11851
D275	Kaiser Willys F	6	All	13863
		12	All	11851
277, E277	Kaiser Willys F4-134		All	13863
		12	All	11851
Potato Harvester SVC Vineyard	Wisconsin TF, VH4D	6	All	11855
	Hercules IXB, NXA, NXB	6	All	11855

JOHN OEERE SPRAYERS

Model	Engine	Volts	Starter Number	Solenoid Switch
600A	135 Gasoline	12	1108319	13856

HAGIE MFG. SPRAYERS

Model	Engine	Volts	Starter Number	Solenoid Switch
CANE	Wisconsin THD, VH4D	6	All	11855
	Kohler K-662	6	All	13863
		12	All	11851
CB		6	All	11855
180	Wisconsin THD	6	All	11855
260W	Kohler K-662	6	All	13863
		12	All	11851
320, 340, 430, 432, 435, W, 437, 440	Wisconsin VH4D	6 & 12	All	11855
440	Chrysler HB225	12	All	11851

HAHN INC. SPRAYERS

Model	Engine	Volts	Starter Number	Solenoid Switch
Hi-Boy	Wisconsin TF	6	All	11855
	Kohler K-660	6	All	13863
HB-80	Wisconsin THD	6 & 12	All	11855
H-180, H-180EW, Hi-Boy, H-300, H-300FS, H-300SP, H-300P, H-306, H-306FS, H-306FSP, H-306P	Wisconsin THD, VH4, VH4D, VGHD	12	All	11855
H-312, P, H-4406	Wisconsin VH4D, VGHD	12	All	11855
Standard W	Wisconsin AGN	12	All	11855
Super K	Wisconsin THD	12	All	11855
T-61, TKE600	Wisconsin AKN, AEND	6	All	11855
(1956)	Wisconsin AEND	6	All	11855
	Wisconsin TED	6	All	11855

HARDIE SPRAYERS

Model	Engine	Volts	Starter Number	Solenoid Switch
25-8	Wisconsin THD, VG4D	6	All	11855
115, 120, 125, 130	Wisconsin THD, VE4D, VF4D	6	All	11855
Bio-Spray	Wisconsin VP4D	6	All	11855
DF-24B, DF-24C	Willys F-4	6	All	13863
		12	All	11851
DF-480C, DF-480H, DF-485C	Willys F-4-134	6	All	13863
		12	MDV-7017	11851
		12	MDM-6005	11851
DF525	Ford 300	12	All	12881

O. W. KROMER SPRAYERS

Model	Engine	Volts	Starter Number	Solenoid Switch
41	Wisconsin AGND	12	MBG-4109, 4118	11855
		12	MBG-4124	11855
51	Wisconsin THD	6	All	11855
		12	All	11855
61	Wisconsin VH4D	12	MBG-4109, 4118	11855
		12	MBG-4124	11855
100	Kohler K-660	6	All	13863
	Wisconsin THD	12	MBG-4109, 4118	11855
		12	MBG-4124	11855
200	Wisconsin VH4	6	All	11855
		12	MBG-4109, 4118, 4024,	11855
		12	MBG-4124	11855

solenoid switches for starters

application for farm equipment—sprayers

O. W. KROMER SPRAYERS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
300	Wisconsin VF4	6	All	11855
		12	All	11855
400	Deere 420	6	All	11805

F. E. MEYERS SPRAYERS

Model	Engine	Volts	Starter Number	Solenoid Switch
55C20, 55C120 Series	Chrysler 32	6	All	13863
4913 Series	Wisconsin AHH	6	All	11855
4920 Series, 5035 Series, 5050 Series	Wisconsin VE4, VF4, VF4D, VG4D, VP4D	6	All	11855
5207 Series	Wisconsin AKN	6	MGD-4001M	11855
6000 Series		6	MAK-4008	13863
6700 Series	Wisconsin AENLD	12	All	11851
6035, 6040, 6050 Series	Wisconsin VH4D, AVG4D	12	All	11855
6060, 6095 Series	Chrysler 30	6	MDT-6012	11803
6100 Series, 6125-F24 & R2, 6125-TF29, TR4	Wisconsin VH4D, AENLO	12	All	11855
6125, 6E, 6T	Wisconsin VE4	6	All	11855
6225, 6295, 6395 Series	IHC, UB220, 264			
6695	IHC, V345	12	1107678, 1107710	13858

F. E. MEYERS SPRAYERS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
6820	Wisconsin VH4D	12	All	11855
TT29-T, TT29S	Kaiser, Willys F-4	12	All	11855

NEW IDEA SPRAYERS

Model	Engine	Volts	Starter Number	Solenoid Switch
N2, S-9	Wisconsin AEN	6	MDH-4001M	11855
		6	MAK-4008	11855
Sprayer	Wisconsin AHH	6	MDH-4001M	11855
	Wisconsin TH	6	MZ-4184	11855

OLIVER CORP. SPRAYERS

Model	Engine	Volts	Starter Number	Solenoid Switch
36-02, 36-32, 125 125EAP, 125EAPT, 125T	Wisconsin VE4, VE4D, VF4, VG4D	6	All	11855
919	Wisconsin VG4D	6	All	11855

POLAND MFG. CO. SPRAYERS

Model	Engine	Volts	Starter Number	Solenoid Switch
A-18, A-18E, A-18S	Wisconsin THD	6	All	11855
		12	All	11855
A-26E	Kohler K-662	6	All	13863
		12	All	11851

application for farm equipment—windrowers

J. I. CASE WINDROWERS

Model	Engine	Volts	Starter Number	Solenoid Switch
650, 655, 675	Wisconsin VH4D, VG4D	12	All	11855
840	Wisconsin VE4	6	All	11855
	Own A-125	6	For Prestolite	11853
850, 855, 856, 950	Wisconsin VH4D, VG4D, VE4, Own A-125	6	All	11855
		12	All	11855
955	Wisconsin VG4D, VH4D, VE4, THD, Own A-125	6	All	11855
		12	All	11855
	Own G-159	12	All	11851
1150, 1155	Wisconsin V461D	12	For Prestolite	11851
		12	For Delco	11851
	G-159	12	All exc. MDV	11851
	G-188D	12	All	13858

J. I. CASE WINDROWERS (cont'd)

Model	Engine	Volts	Starter Number	Solenoid Switch
1255	Wisconsin VG4D	6	All	11855
		12	All	11855
1275	Chrysler HB-225GAS	12	All	11851

COCKSHUTT WINDROWERS

Model	Engine	Volts	Starter Number	Solenoid Switch
10, 12, 14, 16FT, 502	Wisconsin VG4D, VH4D	6	All	11855
		12	All	11855

JOHN DEERE WINDROWERS

Model	Engine	Volts	Starter Number	Solenoid Switch
10, 14, 16FT	Wisconsin VH4D	6	MZ-4192, 94	11855
2270	Self-propelled w 219 Diesel	12	1107871	14858

for starters

ACE™

application for farm equipment—windrowers

INTERNATIONAL HARVESTER WINDROWERS

Model	Engine	Volts	Starter Number	Solenoid Switch
163	Wisconsin VH4, VH4D, VF4,			
	C-123	6	For Prestolite	11855
	C-123	6	For Delco	13858
175	Wisconsin VH4D, VG4D	12	All	11851
201, 210, 225, 230	C-135	6	All	13863
		12	All	13858
	Wisconsin VH4D, VG4D	6	All	11855
275, 375	C-153, C-175	6	All	13863
275D, 375D	D-206 Diesel	12	For Delco	13858
	C-175	12	For Delco	13858
Windrower	Wisconsin VH4	6	All	11855

MASSEY-FERGUSON WINDROWERS

Model	Engine	Volts	Starter Number	Solenoid Switch
44	Continental F-140	6	All	13863
MF20	Wisconsin VF4	6	All	13863
MF34, MF44	Continental F-140	6	All	13863

MINNEAPOLIS-MOLINE WINDROWERS

Model	Engine	Volts	Starter Number	Solenoid Switch
100, 101	Wisconsin VG4D, WH4D	12	All	11855

NEW HOLLAND WINDROWERS

Model	Engine	Volts	Starter Number	Solenoid Switch
901, 903, 905	Wisconsin VG4D, VH4D	12	All	11855
901, 905, 907, 909	Wisconsin V460D, V461D	12	All	11851

OLIVER WINDROWERS

Model	Engine	Volts	Starter Number	Solenoid Switch
10, 12, 14 & 16FT	Wisconsin VG4D, VH4D	6	MBG-4109, 18	11855
		6	MZ-4192, 94	11855
85	Wisconsin VE4, VE4D, VF4	6	MZ-4192, 94	11855
86, 96, 502, 503	Wisconsin VG4D VH4D	6	MZ-4192, 94	11855
		6 & 12	MBG-4140, 41	11855

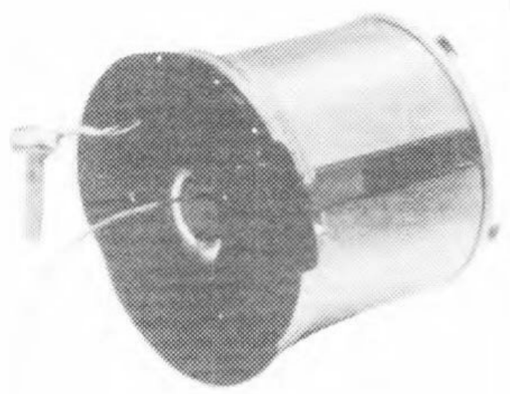
OWATONNA WINDROWERS

Model	Engine	Volts	Starter Number	Solenoid Switch
25, 28, 29, 30, 35, 60, 80, 81, 90, 92 & D.E.S.	Wisconsin THD, VG4D, VH4D, V460D, V461D	6	MZ-4184	11855
		6	MZ-4192, 94	11855
		12	MBG-4109, 4141	11855
		12	MDY-7006	11851
		12	MMA-7004	11851
250, 350	Wisconsin VG4D	12	MBG-4141	11855
		12	MDY-7006	11851
270	Ford 4-172	12	All	12884
700, 900	Chrysler 225	12	For Prestolite	11851

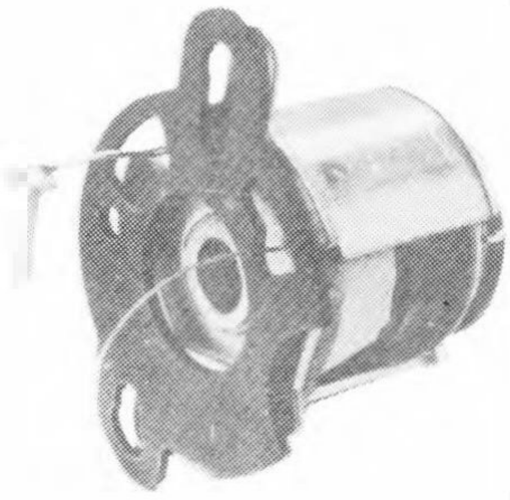
solenoid switches for starters

buyers guide

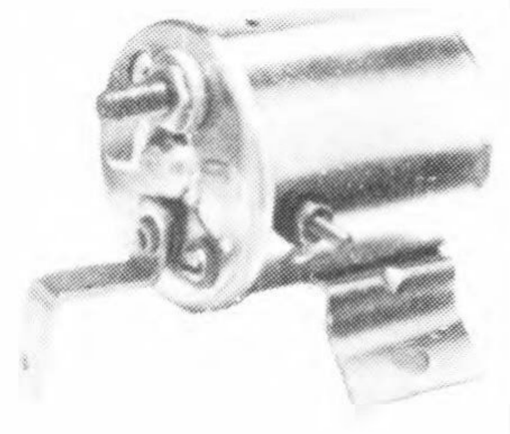
for Chrysler



S-2488-C
12 Volt Internal Solenoid
For Gear Reduction Starters
REPLACES: CH-2347, 2275553, 2275554



S-2567
12 Volt Internal Solenoid
For Gear Reduction Starters
REPLACES: CH-2362, 3755267, 3837337



11846
12 Volt Early Tin Can Style
REPLACES: CH-2346, CH-2352, CH-2358, 1889146, 2642222, 2642884, 2642961, 2642964, SWX-311, 15-311

for Delco Remy



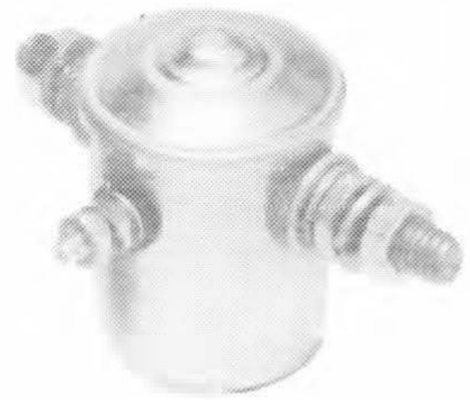
11804
Mechanical Switch 1 Terminal
Insulated Base
REPLACES: D-902, 820052, 1930227, SWG-200, SWX-234



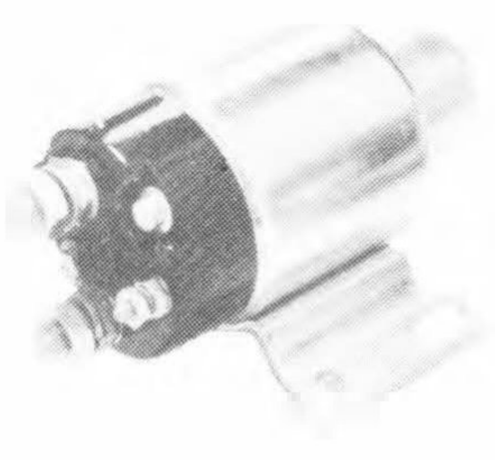
11805
Mechanical Switch 1 Terminal
Insulated Base
REPLACES: D-903, D-904, D-905, D-908, D-909, 1872405, 1918405, 1919576, 1919600, 1922609, 1932131, 1940047



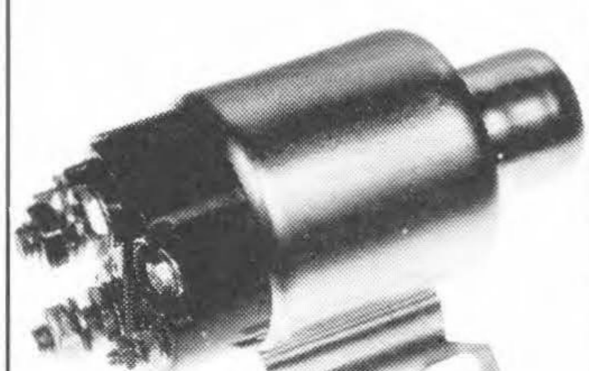
11859
Mechanical Switch 2 Terminal
Insulated Base
REPLACES: D-906, 1930496, SWG-201



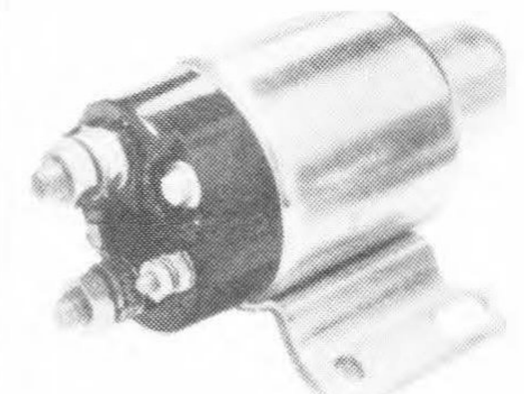
13352
6 Volt 3 Terminal Grounded Base
REPLACES: D-929, D-1468, 1116671



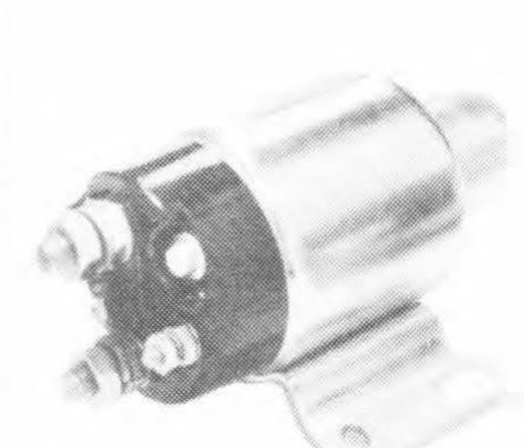
13510
12 Volt 4 Terminal Grounded Base
Used on 30 and 35MT starters
REPLACES: D-954, D-959, D-970, D-971, D-976, D-980, 1115501, 1115508, 1115510, 1115529, 1115540, 1119778, 1119833, 1119882, 1119885, 1119890, 1119912, 2525288, C6TZ-11380-A, SW-243, SW-825



13510SC
Same as ACE #13510 except w/Silver Contacts



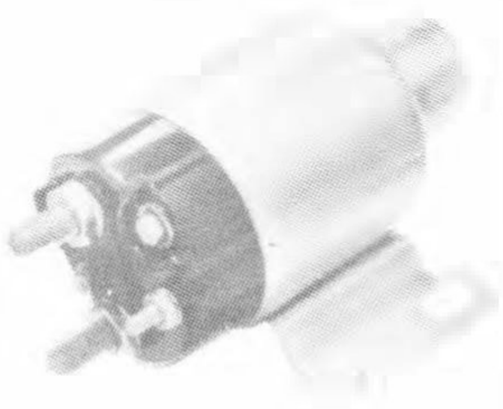
13513
24 Volt 4 Terminal Insulated Base
Used on 30MT starters
REPLACES: 1115512, 1115513, 1115527, 1115536, 1115543, 1119855, 1119888



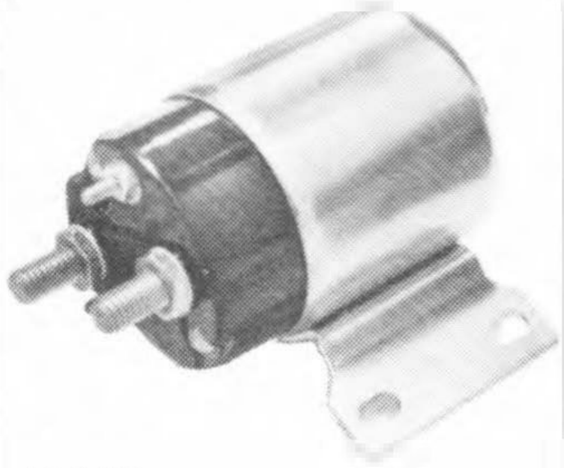
13530
12 Volt 3 Terminal
Grounded Base
FOR UNIT NO: 1113391, 400, 405, 416, 417, 418, 420, 426 and others
REPLACES: 1115530

13535
32 Volt 4 Terminal
Grounded Base
Used on 30 and 35-MT
REPLACES: 1119860

for Delco Remy (cont'd)



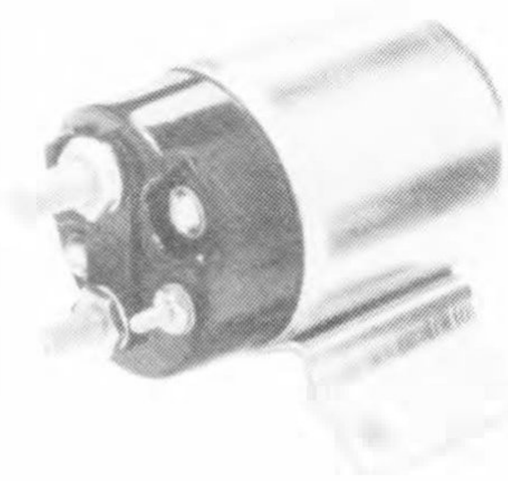
13542
24 Volt 3 Terminal Grounded Base
REPLACES: 1115542, 1119896



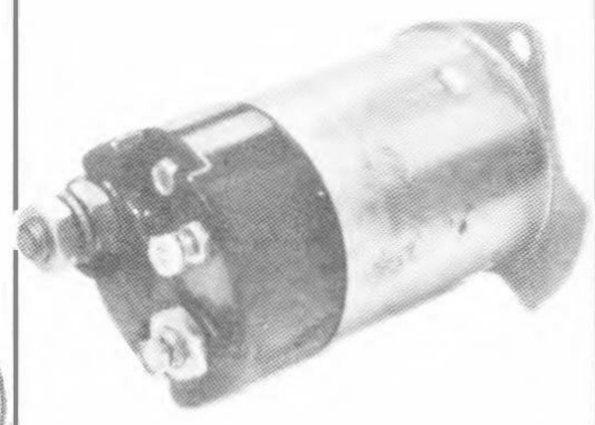
13810
6 Volt 3 Terminal Grounded Base
REPLACES: D-936, D-938, D-939, D-949, D-964, 820052, 1114307, 1114310, 1114312, 1114410, 1118135, 1118140, SWX-228, SWX-429, 15-228



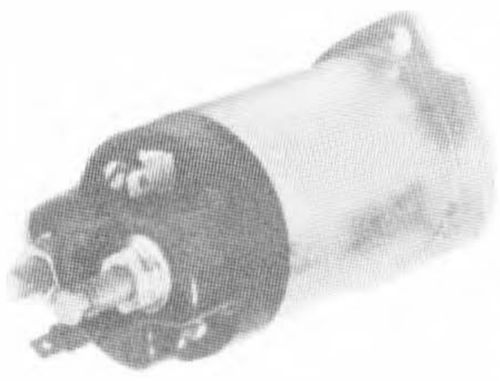
13858
12 Volt 4 Terminal Grounded Flange
REPLACES: D-914, D-930, D-931, D-932, D-933, D-934, D-942, D-943, D-947, D-948, D-951, D-952, D-956, D-957, D-958, D-960, D-965, D-966, D-974, D-977, D-979, 1114273, 1114276, 1114303, 1114356, 1114365, 1114370, 1114395, 1118810, 1118811, 1118816, 1119780, 1119793, 1119798, 1119910, 1119919, 1119923, 1119936, 1119946, 1119967, 1119974, 1119980, 1119986, 1119989, 1119998, 1119999, 3205022, DR-2302, B8C-11390-A, C8VY-11390-A, SW-675, SW-758, SWG-235, 15-235, 15-40, 90-178D, 90-205



13860
12 Volt 4 Terminal Grounded Base
REPLACES: D-941, D-944, D-945, D-946, D-947, D-950, D-951, 1114314, 1114329, 1118806, 1119760, 1119761, 1119767, 1119774, 1119777, 1119780, 1119784, 1119789, 1119793, 1119968, SWX-229, 15-229, 15-230, 90-174D



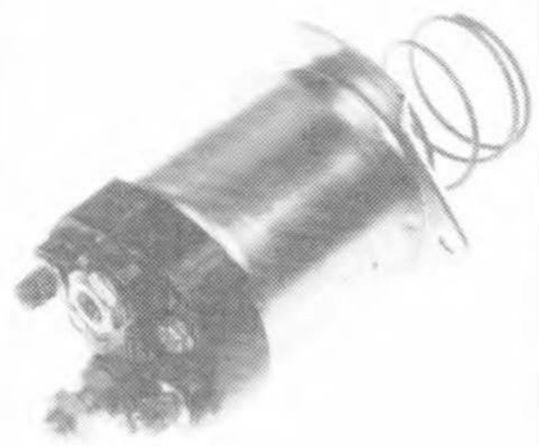
13887
12 Volt 3 Terminal Grounded Flange
REPLACES: 1114487, 1114496



14419
12 Volt 4 Terminal Grounded Flange
FOR UNIT NO: 144-5-21
LESTER NO: 16247
REPLACES: 1443471



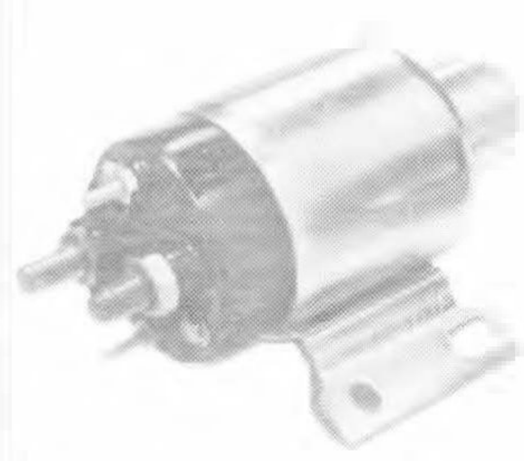
14515
12 Volt 4 Terminal Grounded Flange
Short Solenoid
Used on 5, 10, 15 and 27MT starters
REPLACES: D-983, D-984, 1114515, 1114531



14524
12 Volt 4 Terminal Grounded Flange
Comes with spring and hardware package. Stubby style similar to ACE 14515 OEM #1114515 except 14524 has seals under motor, battery, switch, and relay posts.
FOR UNIT NO: 1998251, 252, 259-263, 266, 267, 269-274, 276, 280-284, 287, 288, 292-295, 297-300, 303-306, 308, 310, 311, 323-325, 329-350, 353-368, 370, 371, 373-392, 394-399, 402, 403, 408, 410-414, 416, 419, 423, 424, 438, 443, 445-457, 464, 465, 468, 479-481, 484-486, 489, 491, 496, 505-508 and others
LESTER NO: 3733M, 4545 and others
REPLACES: 1114524



14858
12 Volt 4 Terminal Grounded Flange
High temperature features:
* HT Cap
* Steel Gasket
* Stainless Sleeve
* HT Coil
Can optionally be used in place of 13858 on any applications.
REPLACES: D-968, D-969, D-981, 1114251, 1114252, 1114253, 1114255, 1114256, 1114257, 1114262, 1114263, 1114264, 1114266, 1114268, 1114270, 1114271, 1114272, 1114277, 1114278, 1114279, 1114281, 1114282, 1114283, 1114287, 1114289, 1114294, 1114295, 1114297, 1114299, 1114304, 1114306, 1114322, 1114324, 1114325, 1114326, 1114328, 1114330, 1114333, 1114334, 1114335, 1114336, 1114337, 1114339, 1114340, 1114341, 1114342, 1114343, 1114344, 1114345, 1114346, 1114347, 1114350, 1114351, 1114353, 1114354, 1114356, 1114358, 1114360, 1114362, 1114364, 1114458, SWG-235-A, 90-206

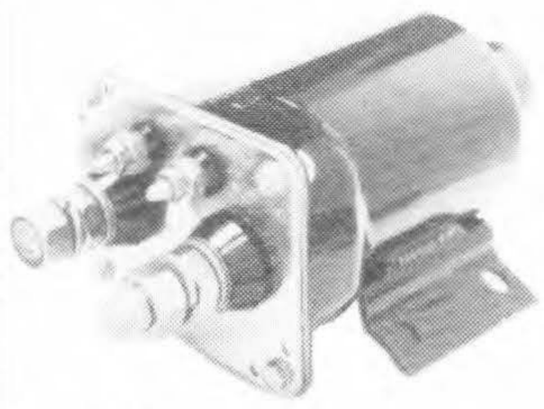


15541
12 Volt 4 Terminal Grounded Base
FOR UNIT NO: 1113389, 92, 97, 99, 401, 04, 08, 12, 30, 34, 37 and others
REPLACES: D-516, 1115528, 1115531, 1115541, 1115821

solenoid switches for starters

buyers guide

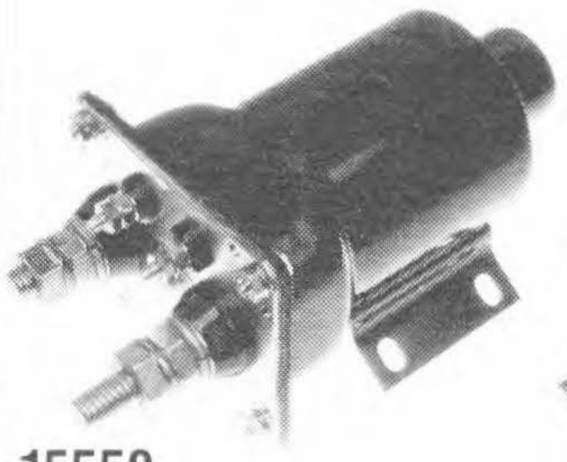
for Delco Remy (cont'd)



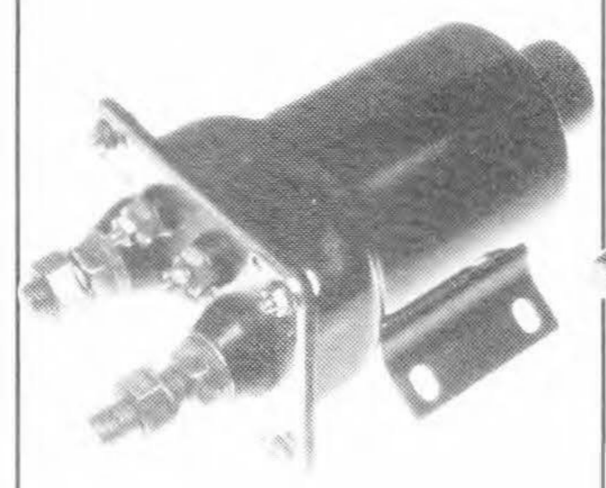
15556
12 Volt 4 Terminal
Insulated Base, Square Face
Used on 400 and 450 type 40 and 50MT Delco Starters
FOR UNIT NO: 1114802, 807, 810, 812, 814, 815. 817, 819, 821, 823, 825; 1990206, 218, 219, 221, 223, 224, 261 and others
REPLACES: 1115556, 1115606



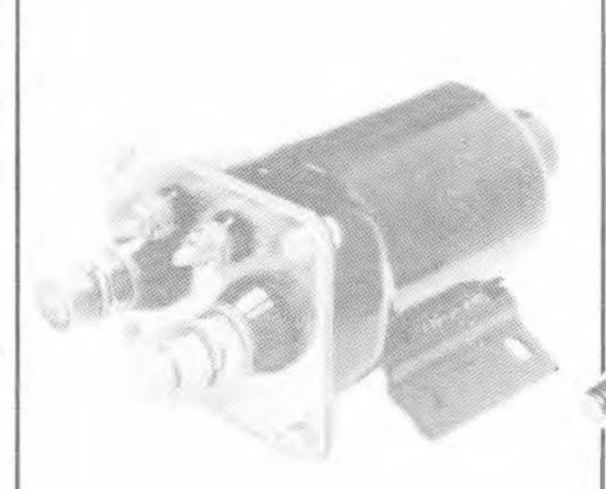
15558
24 Volt 4 Terminal Insulated Base w/Silver Overlay Contacts
For 35 MT - type 190 and 40 and 50 MT - type 400 starters
FOR UNIT NO: 1109831; 1113546; 1114841, 847, 860, 907; 1990266, 307
REPLACES: 1115558, 1115563



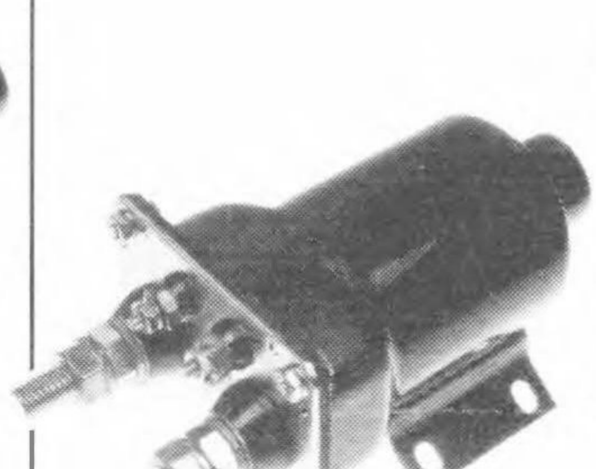
15559
24 Volt 4 Terminal
Insulated Base, Square Face
Used on 400 and 450 type 40 and 50MT Starters
FOR UNIT NO: 1114677. 686, 805. 840, 842, 846, 848, 856, 858, 859, 861, 862. 864, 871. 880. 903. 910. 921, 923, 935, 951, 955; 1990202, 222, 231, 241, 243, 244, 248, 251, 259, 260 and others
REPLACES: 1115547. 1115557, 1115559. 1115607



15560
32 Volt 4 Terminal Insulated Base
REPLACES: 1115560



15561
12 Volt 4 Terminal Insulated Base
REPLACES: 1115561



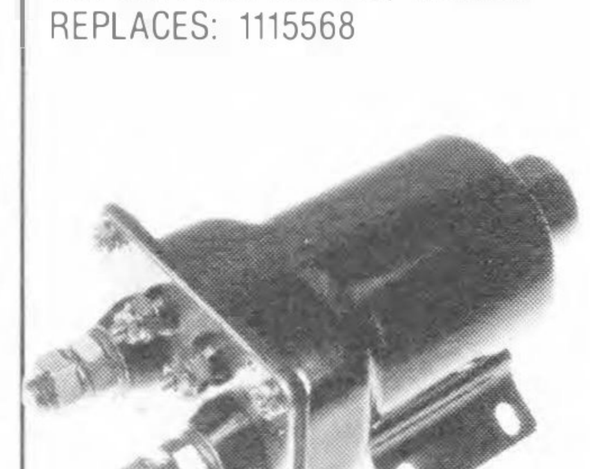
15566
32 Volt 4 Terminal Insulated Base w/Silver Overlay Contacts
For 50 MT - type 400 starters
FOR UNIT NO: 1109221, 281; 1990226, 245
REPLACES: 1115566



15567
32 Volt, 4 Terminal Insulated Base w/Silver Overlay Contacts
For 50 MT - type 400 starters used as a series switch.
FOR UNIT NO: 1109280, 284; 1990256, 258, 333
REPLACES: 1115515, 1115536, 1115539, 1115567



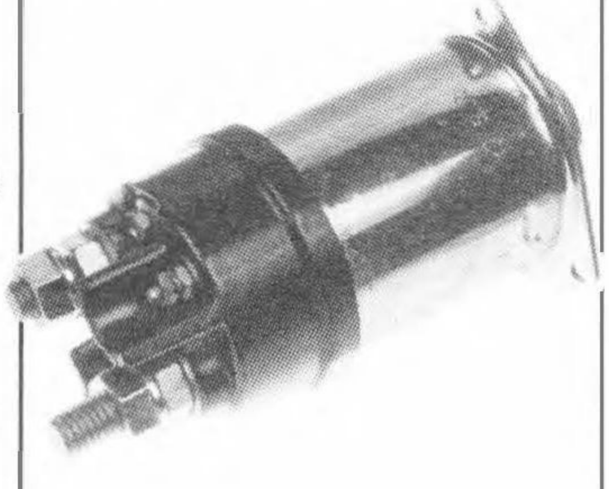
15568
64 Volt 4 Terminal Insulated Base w/Silver Overlay Contacts
For 50 MT - type 400 starters, used as a series switch.
FOR UNIT NO: 1109283, 1990257
REPLACES: 1115568



15575
12 Volt 4 Terminal Insulated Base w/Silver Overlay Contacts
For 40 MT - type 400 and 450 starters
FOR UNIT NO: 1114816. 824, 920, 999; 1990200. 201
REPLACES: 1115575



15591
12 Volt 3 Terminal Insulated Base
Solenoid for Delco Remy 37-MT starters
FOR UNIT NO: 1990308, 310, 316, 319, 341; 1993738, 754, 756 and others
REPLACES: 1115591



15593
12 Volt 4 Terminal Insulated Base
42-MT starters
FOR UNIT NO: 1990337, 348, 349, 352-356, 362, 363, 365. 370, 372, 375-377, 379, 386. 391, 394, 398, 400 and others
LESTER NO: 6356, 6357, 6362, 6365, 6368 and others
REPLACES: 1115592, 1115593



15594
24 Volt 4 Terminal Insulated Base
37-MT Starters
FOR UNIT NO: 1990330-332, 499; 1993701, 702, 707, 729, 741, 742, 744
LESTER NO: 6354 and others
REPLACES: 1115594

for starters

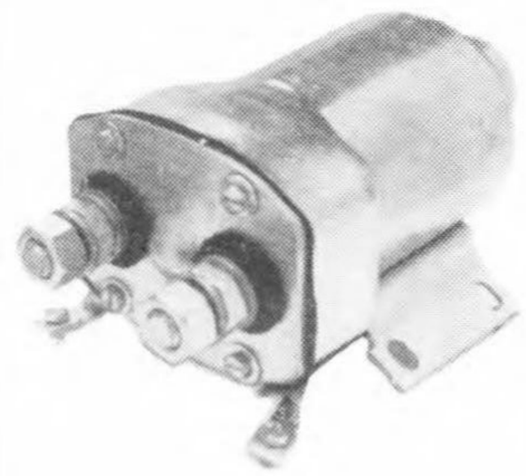
ACE™

buyers guide

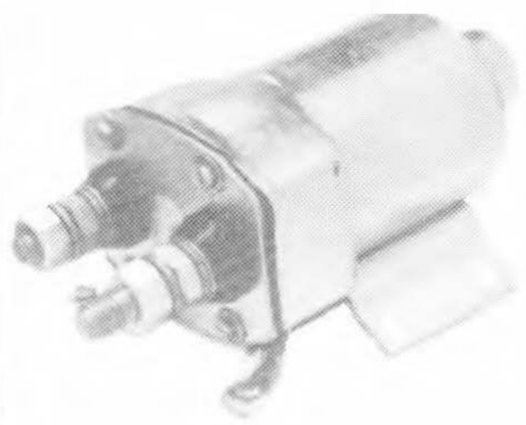
for Delco Remy (cont'd)



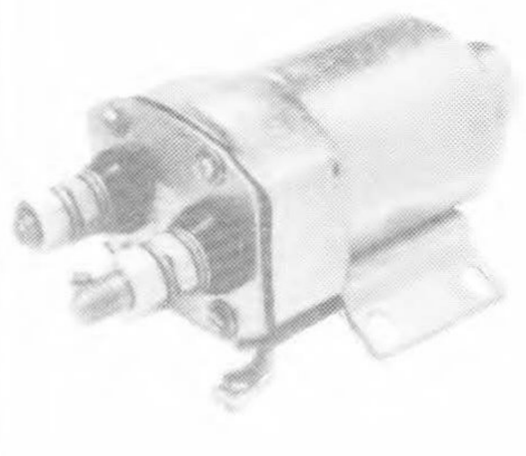
15595
24 Volt 4 Terminal Insulated Base
42-MT Starters
FOR UNIT NO: 1990344, 350, 357, 359-361, 364, 366-368, 371, 373, 378, 382, 383, 388, 389, 413, 418, 434-437, 447, 453 455-457, 459, 460, 463, 464, 474, 491, 497; 1993784, 786, 788, 796, 797, 801, 802, 804, 805, 808, 810, 812, 814, 815, 826, 828, 833 and others
LESTER NO: 6355, 6360, 6361, 6363, 6364, 6369, 6370 and others
REPLACES: 1115595



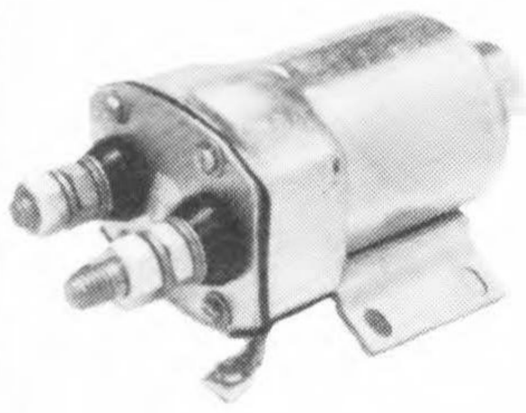
19803
24 Volt 4 Terminal Insulated Base
REPLACES: 1119803



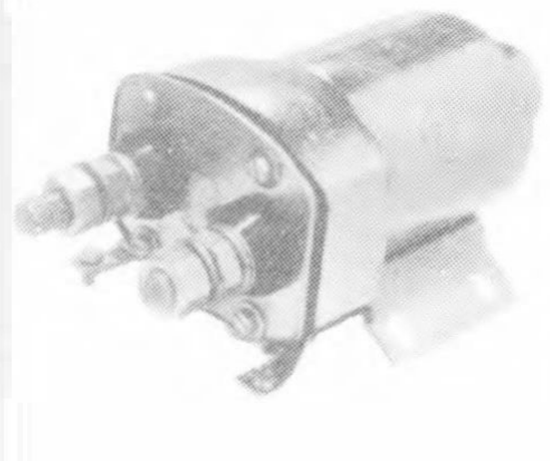
19836
32 Volt 4 Terminal Insulated Base
REPLACES: 1115551, 1119836



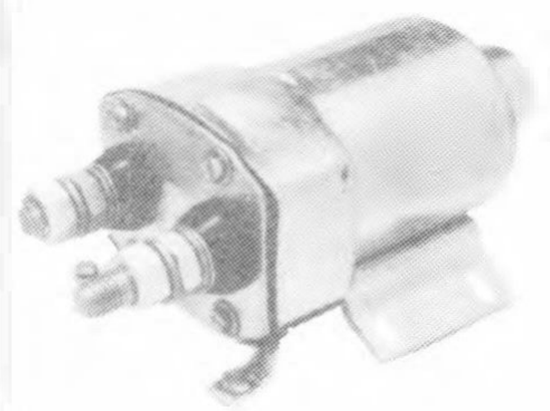
19848 or *19848-BK
24 Volt 4 Terminal Insulated Base
REPLACES: 1119832, 1119848, C4TZ-11390-A
*Painted Black



19851
12 Volt, 4 Terminal Insulated Base
REPLACES: 1119851



19862
12 Volt 4 Terminal Insulated Base
REPLACES: 1119862, SWG-1727



19879 or *19879-SC
***1 19879-BK**
12 Volt 4 Terminal Insulated Base
Very Popular 40MT starters.
REPLACES: 1119879, C3TZ-11390-A, SW-1287, SZ-667
*Silver Contacts
*1 Painted Black

series parallel switches

for Delco Remy



19844
12/24 Volt 3 Collar Type Series Parallel Switch
REPLACES: 1119844



19845
12/24 Volt 2 Collar Type Series Parallel Switch
REPLACES: 1119845

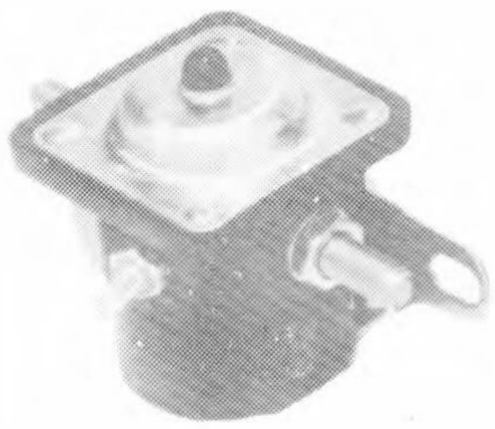


19866
12/24 Volt 1 Collar Type Series Parallel Switch
REPLACES: 1119865, 1119866

solenoid switches for starters

buyers guide

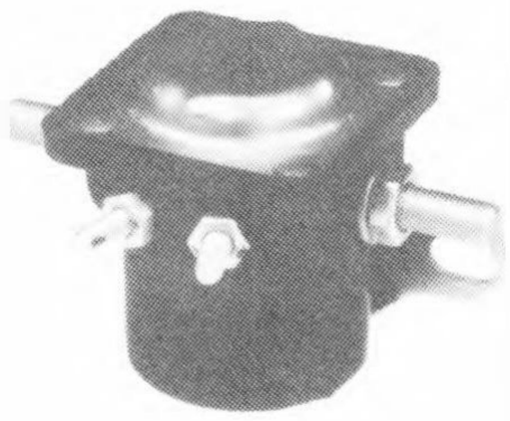
for Ford



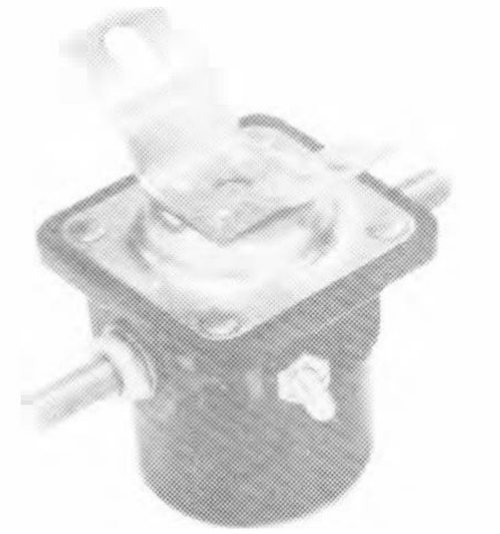
11853
6 Volt 3 Terminal Insulated Base, Flat Bracket Mount Span 2⅛", Push Button
REPLACES: 21A-11450, U-925, U-1494, D-295, 1494



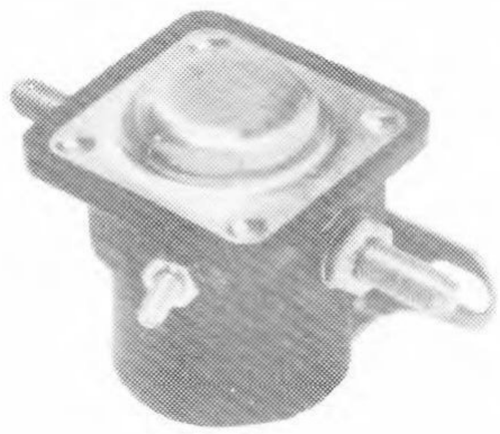
11884
12 Volt 3 Terminal Continuous Duty Flat Bracket, Dual Battery Relay Universal with Bakelite Housing
FOR UNIT NO: D3TB-14088-AA, AB, AC; E5TB-14088-AA
REPLACES: D3TZ-14677-A, D3TZ-14677-B, E5TZ-14677-A



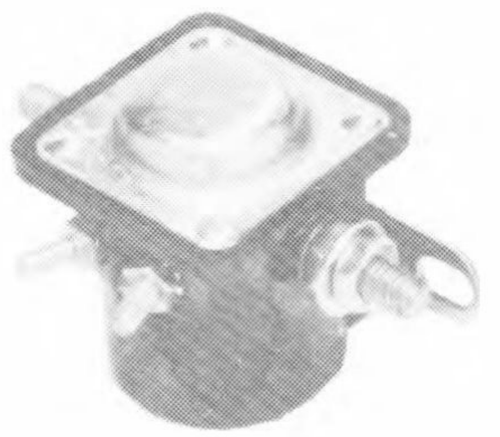
12837
6 Volt 4 Terminal
6 Volt version of 12884 Insulated Base
REPLACES: 311007



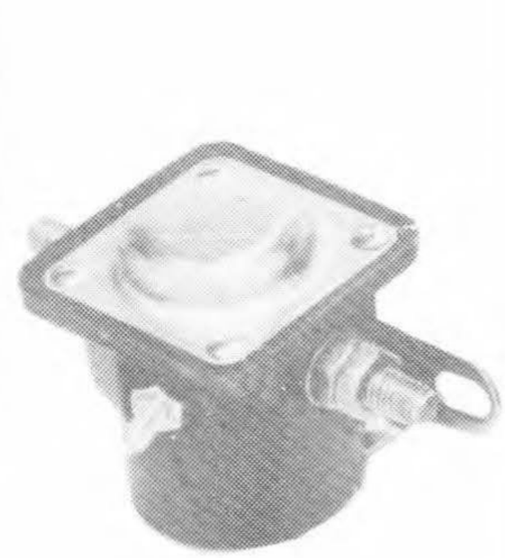
12840
6 Volt 3 Terminal Insulated Base
REPLACES: 8N-11450, SW-217



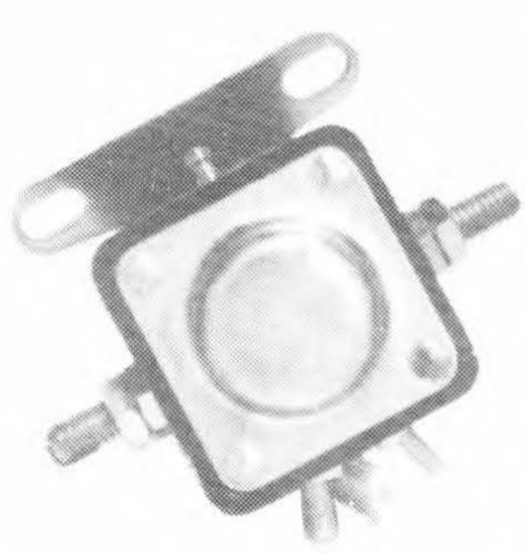
12858
6 Volt 3 Terminal Grounded Base, Flat Bracket Mount Span 2⅛"
REPLACES: B5A-11450-A, FAB-11450-B, FDH-11450-A, SAW-4604, SW-2, F0-2300, U-925, U-926, U-928



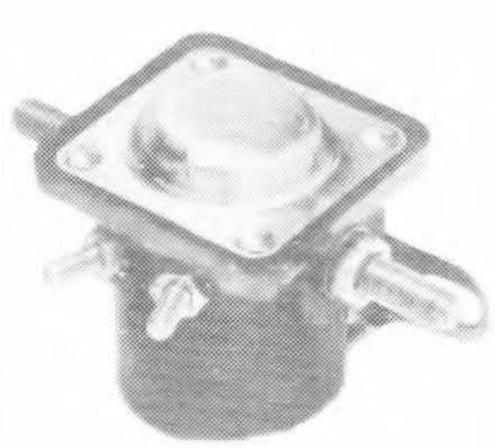
12881
12 Volt 4 Terminal Grounded Base, Flat Bracket Mount Span 2⅛"
REPLACES: B6A-11450-A, B6AZ-11450-A, C4AF-11450-A, C4AF-11450-B, C7AF-11450A, D2DZ-11450-A, D9AZ-11450-A, FDR-11850-A, PB96-11450-A, SW3, SRP-453, 2701966, 2702610, 3130465, 3230406, FO-2301, U-930



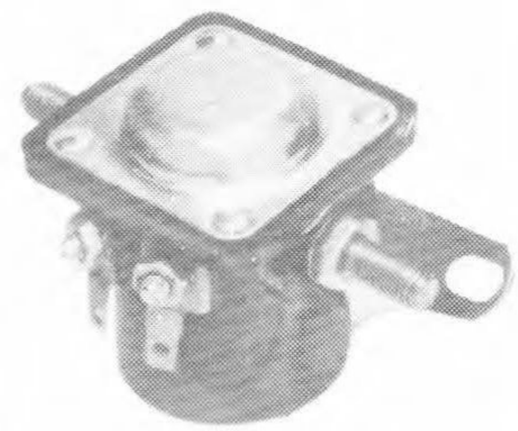
12882
12 Volt 3 Terminal Grounded Base, Flat Bracket Mount Span 2⅛"
REPLACES: D20Z-11450-A, FD-900, SW-263, SW-1080, F-900, 3225624, 3225629



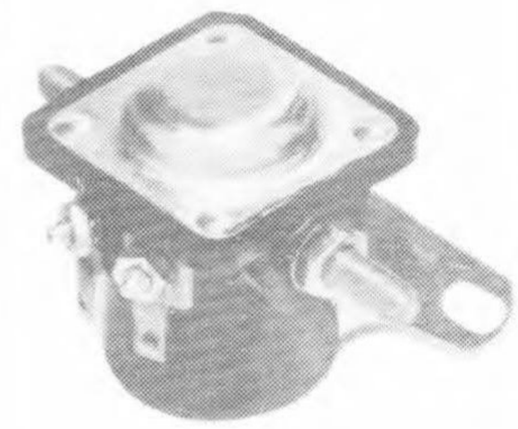
12883
12 Volt, 5 Terminal Insulated Base
REPLACES: 3215394



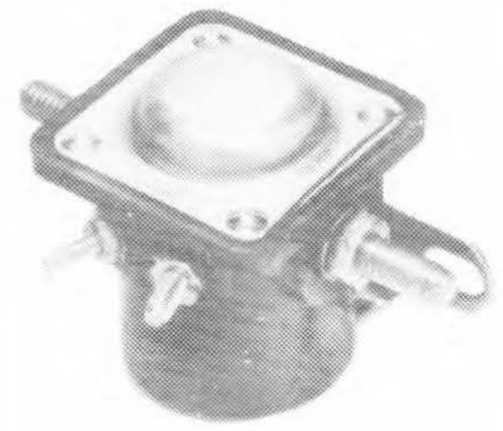
12884
12 Volt 4 Terminal Insulated Base, Flat Bracket
REPLACES: 3227812, SW-220, A-914



12886
12 Volt 5 Terminal Insulated Base, Flat Bracket
REPLACES: 3234971



12887
12 Volt 4 Terminal Grounded Base, Flat Bracket
REPLACES: 3230406, 3234972



12888
12 Volt 4 Terminal Grounded Base, Flat Bracket
REPLACES: D8DZ-11450-A, D8VY-11450-A, SW-1507

for Ford (cont'd)



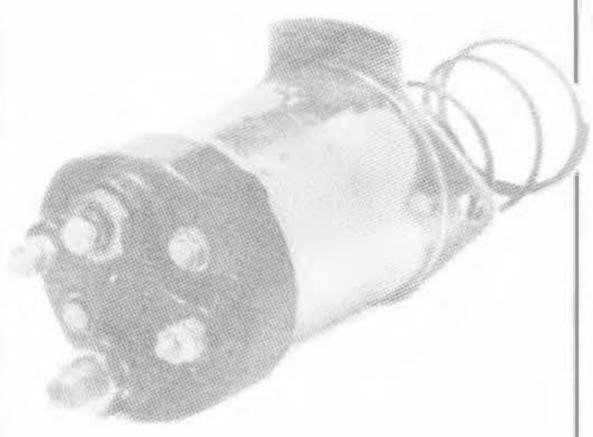
12889
12 Volt 4 Terminal Grounded Base, Flat Bracket Switch Type-Fender Mount
REPLACES: E4AF-11450-AA, E4TF-11450-AA



12890
12 Volt 3 Terminal
REPLACES: E4TZ-11450-BA

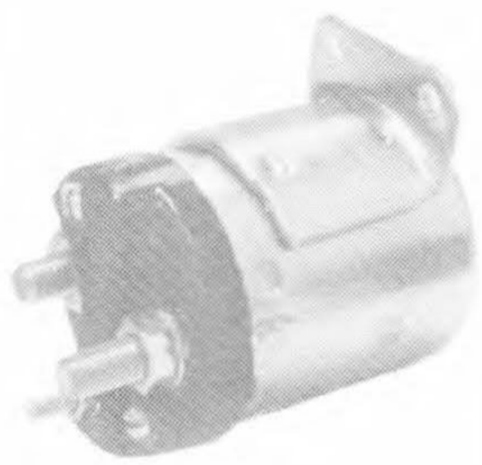


14365
12 Volt 4 Terminal Insulated Flange
REPLACES: C8VY-11390-A, D3VY-11390-A, D5VY-11390-A, SW-1179, SW-1219, SW-1219-B, SWX-675, 1114370, U-933

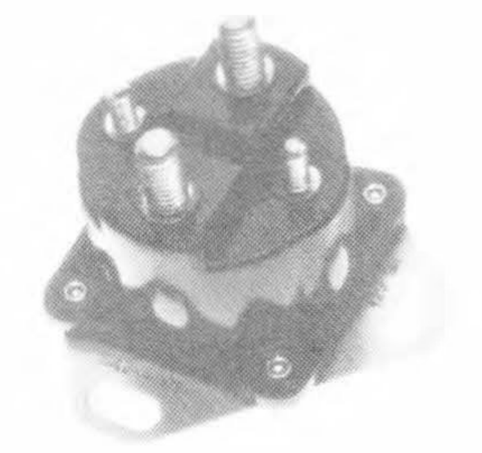


14366
12 Volt 4 Terminal Grounded Flange
REPLACES: E4FZ-11390-A

for Harley Davidson



11860
12 Volt 3 Terminal Grounded Flange
REPLACES: 71469-69



11861
12 Volt 4 Terminal Grounded Flange
Solenoid for Harley Davidson Motorcycles
Models: XLH, XLT, XL; FX, FXE, FL, FLH, FLT TWIN
REPLACES: 71463-73, 15-3F, SAZ-4201N

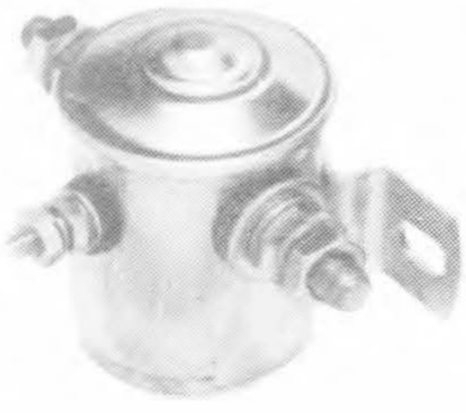
for Prestolite/ Autolite



11803
12 Volt 3 Terminal Grounded Base
REPLACES: SAD-4001, SAD-4001-A, SAD-4101, SAD-4201, SAD-4301, SAD-4401, SAD-4501, SAD-4503, SAG-4001, 15-1, 15-57, 15-61, 15-62, 15-64, CH-2328, CH-2330, 1770717, 1818738, 1889799, 886721, B9TZ-11390-A, SKC-325, SW-61



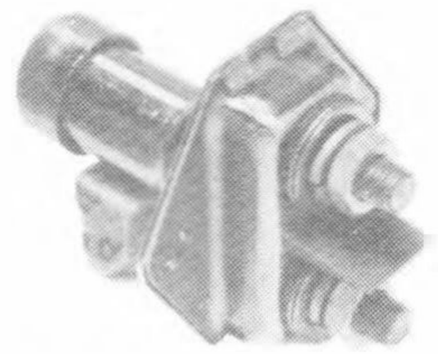
11819
Mechanical Switch
1 Terminal Insulated Base
REPLACES: SW-2813, 15-43, 118391, 641462, 854878



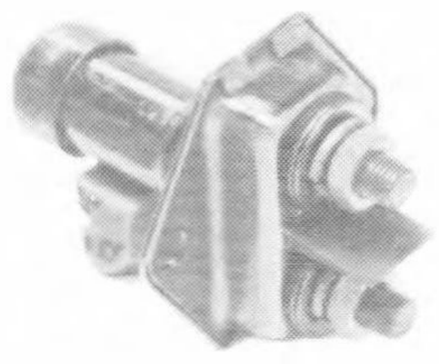
11850
12 Volt 3 Terminal Grounded Base, Flat Bracket
Same application as 11851, except with flat bracket



11851
12 Volt 3 Terminal Grounded Base, Curved Bracket
(for same switch with flat bracket use 11850) (for push button switch with curved bracket use 11879)
REPLACES: 15-8, 15-18, 15-60, 15-79, 15-134, 15-226, 15-310, SAE-4005, SAS-4303, SAW-4201, SS-4003-A, SS-4031-S, SSE-4006, SSW-4001S, SW-214, SWC-303, SWG-18, SWX-18, SWX-226, SWX-310, SWX-60, SWX-79, 01A-11450, 916462, 919294, CH-2329, 1121741, 1889797, 2095329, D-928, 1467, 1485



11855
Mechanical Switch 2 Terminal Insulated Base
REPLACES: SWX-47, SW-4001, SW-4013, SW-4015, 15-45, 15-47, 15-50, 15-51, 405-C

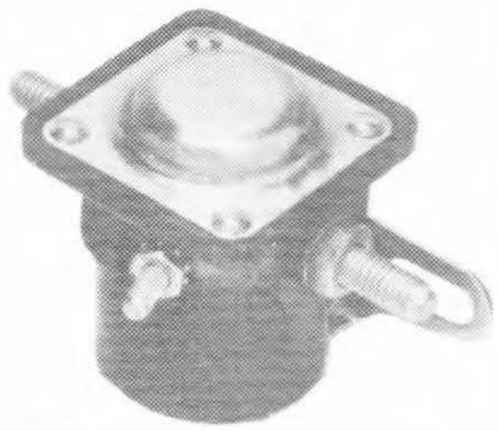


11856
Mechanical Switch 2 Terminal Insulated Base
REPLACES: SW-4012, SWX-49, 15-49, 1996479

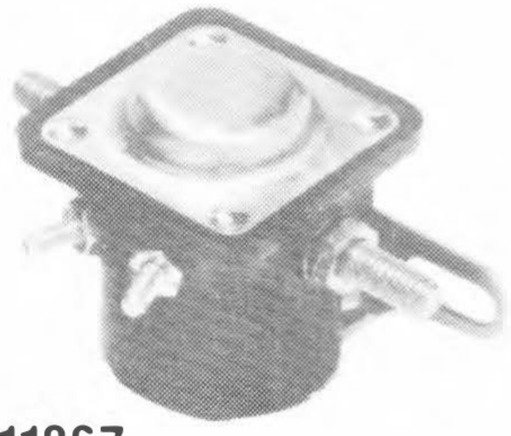
solenoid switches for starters

buyers guide

for Prestolite/ Autolite (cont'd)



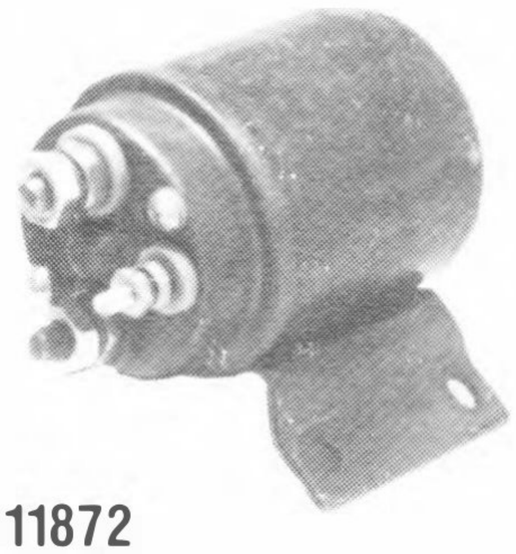
11866
12 Volt 3 Terminal Grounded Base, Flat Bracket Mount Span 2 9/16"
REPLACES: 15-5, 15-12, 15-75, A-903, SAE-4001, SAW-4207, SWC-5, SWC-75, SWX-12, CH-2326, CH-2335, 1692658, 2095360, 2098360, 3620766



11867
12 Volt 4 Terminal Insulated Base, Flat Bracket Mount Span 2 9/16"
REPLACES: 15-76, 15-104, 15-120, A-904, CH-2327, 1692659, SW-4014T, SAW-4208, SWC-104, SWX-120



11870
12 Volt 4 Terminal Insulated Base, Curved Bracket
REPLACES: SAW-4203, 15-148



11872
12 Volt 3 Terminal Grounded Base, Metal Cap
REPLACES: SAD-4501, 15-62



11879
12 Volt 3 Terminal Grounded Base, Flat Bracket Push Button
Plunger May be used as option to 11851



11885
12 Volt 4 Terminal Insulated Base, Flat Bracket (for switch with silver alloy contacts see 11880)
REPLACES: 3635820, 15-132, SA-4201



13863
6 Volt 3 Terminal Grounded Base, Curved Bracket
REPLACES: 120568, CH-2302, 1383605, 1633166, 648336, 658336, 927081, D-926, 1465, SAW-4601, SWG-1728, SWX-225, 15-125, 15-129, 15-225



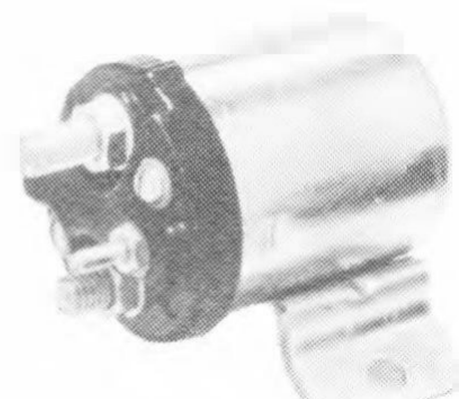
14471
12 Volt, 4 Terminal Insulated Operating Coil, Flat Bracket
REPLACES: SAE-4003M, SAW-4206M, SWX-72, 15-66, 15-72, 15-81, 15-164, 277628



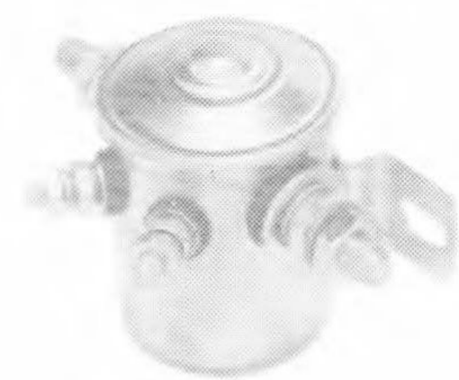
11886
6 Volt 4 Terminal Insulated Base, Flat Bracket
REPLACES: 15-5



11887
12 Volt 3 Terminal Grounded Base, Flat Bracket



54001
12 Volt 3 Terminal Grounded Base
REPLACES: 3201788, 3202429, SAJ-4001, SAJ-4003, SWX-65, 15-65, 15-69



11888
24 Volt 4 Terminal Insulated Base, Flat Bracket

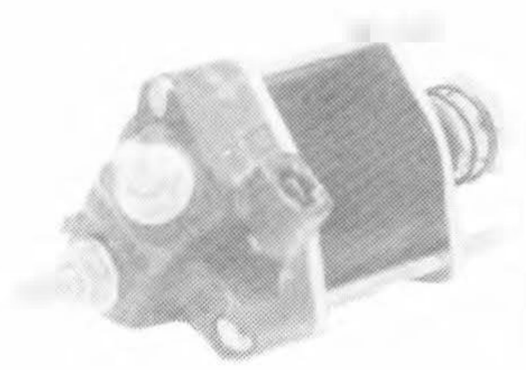


11889
36 Volt 4 Terminal Insulated Base, Flat Bracket

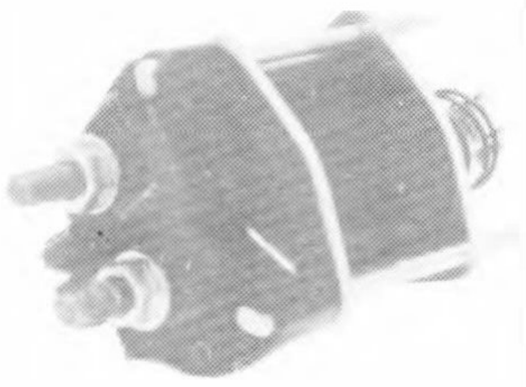
continuous duty solenoid switches

for golf cart and industrial applications where solenoid is to be engaged for extended periods of time

for Fiat



14480
12 Volt 3 Terminal Grounded Flange
FOR UNIT NO: 4112049
REPLACES: 4118115, 4159273, 63600508

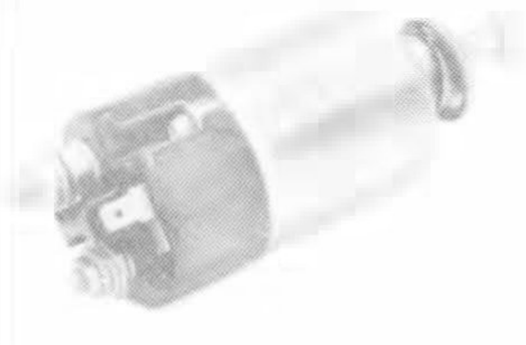


14481
12 Volt 3 Terminal Grounded Flange
FOR UNIT NO: 4142222
REPLACES: 4073327, 4142558, 63600400, 493, 502, 504

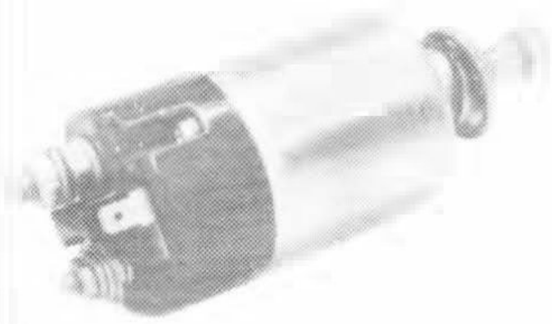


14482
12 Volt 3 Terminal Grounded Flange
FOR UNIT NO: 4156064 Starter
REPLACES: 4154106, 4267879

for Hitachi



14418
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: S12-144
REPLACES: 98215-0071-0



14472
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 23300-H0100, H0101, H3900 1065
REPLACES: 23343-10600, 23343-15801, 23343-M0100, 23343-15805, 23343-15800, 23343-15810, 23343-18005, 2114N-3700Y, 2114N-4700Y, 2114N-6750, SWE-1430, 36521033



14473
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 23300-21000, 21005, 21009, E3000, E3100
REPLACES: 23343-21000; 23343-21005; 23343-21006, 23343-E6800, 23343-39601, 2114N-7750Y; 2114N-7700Y; SWE-1431; 36521037



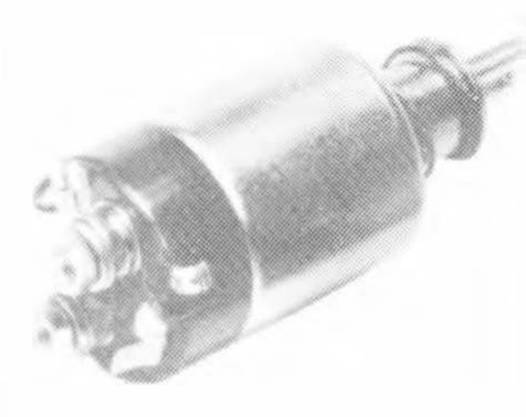
14474
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 9402-2493, S-114-136
REPLACES: 2114-91700, 2114I-1700, 2114L-1700, 36524007, 9420-1430, TOJ127X



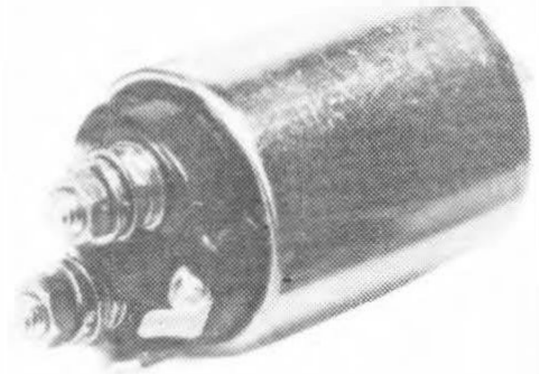
14484
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 23300-E3000, E3001, E3100, E3101, N0900, N3300, 21000, 21005, 21006, 21007, 21008, 21009
REPLACES: 23343-21000, 21005, 21006, 39601; 2114N-4700Y, 7700Y; 36521140; TOJ109X



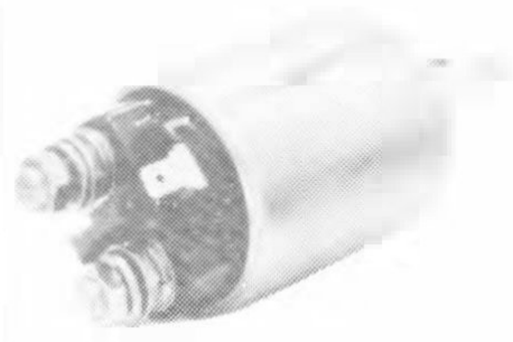
14486
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 31200-634-6701; 9420-4438; S-114-149, 202; 23300, U0102, U6000, U6001, U6002, U6003, N3301, N3302, N3303, N3304, Y0700, Y0701
REPLACES: 23343-E6800, 23343-N3300, 23343-N3301, 2114-57001, 2114-87004, 36521218, 36521222, TOJ103X, 21114N-2750



14487
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: 31200-568-692, S-114-111
REPLACES: 31260-568-005, 36526038, TOJ468X

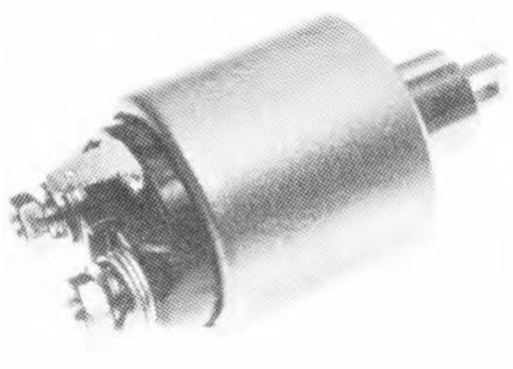


14490
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: 31200-657-005; 31200-673,005; S114-211, 227
REPLACES: 31204-657-015, 31204-657-005, 2114-47003, TOJ100X, 36526011



14505
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 23300-H9100, H9101, M4900, M4902, M4905, N5900, N5901, N5902, N5903, Y7001; S114-252, 253, 253A, 254, 254B, 254C, 254D, 255A, 258A, 258B
REPLACES: 2114-47005, 22343-H9100, 23343-M4900, TOJ116X, 36521547

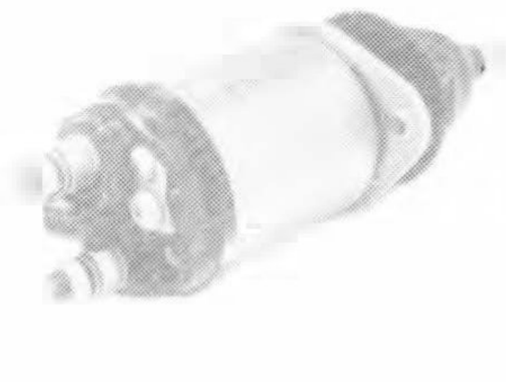
for Hitachi (cont'd)



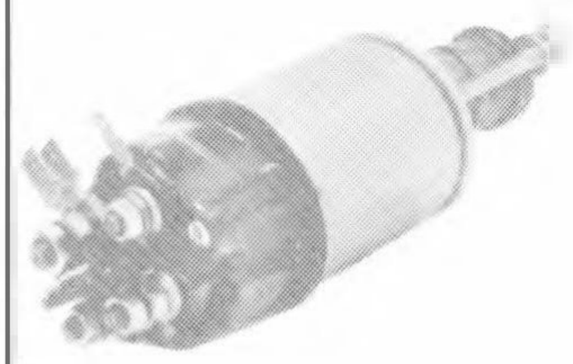
14527
12 Volt 3 Terminal Grounded Base
FOR UNIT NO: 23300-D1700, M8000, M8101, S-114-317
LESTER NO: 16732, 74, 75
REPLACES: 23343-M8000, 23343-M8001, 23343-M8003, 23343-V5201, 2114-27501, 2114-37504, 2114-67505



14439
12 Volt 5 Terminal Grounded Case
FOR UNIT NO: 25616, 25621, 25673, 26275
REPLACES: 76755; 76759; 76850; 76899; 76908; 76940; 76983; TOB119; TOB128; TOB134; TOB162

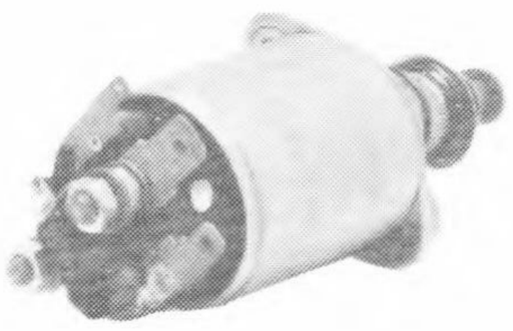


14443
12 Volt 3 Terminal Grounded Flange
FOR UNIT NO: 26381, 26346
REPLACES: 76917



14478
12 Volt 5 Terminal Grounded Case, w/Plunger
1 Auxiliary Blade
Ford D4NN-11390-B
Used on Lucas M-50 starters
REPLACES: 76911, 77010

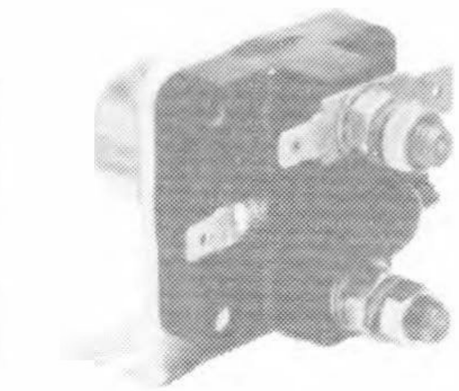
for Lucas



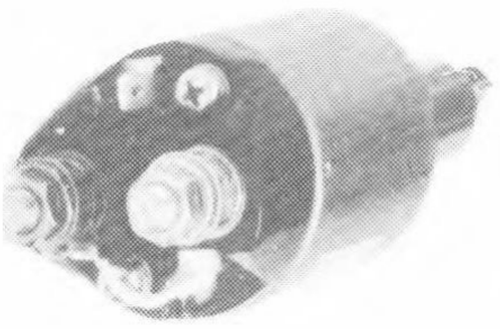
14437
12 Volt 5 Terminal Grounded Flange
FOR UNIT NO: 25203
REPLACES: 46490, 76458, 76474, 76478, 76490, 76540, 76712, 76727, 76765, 76782, TOB100, TOB101, TOB151, 152, 153



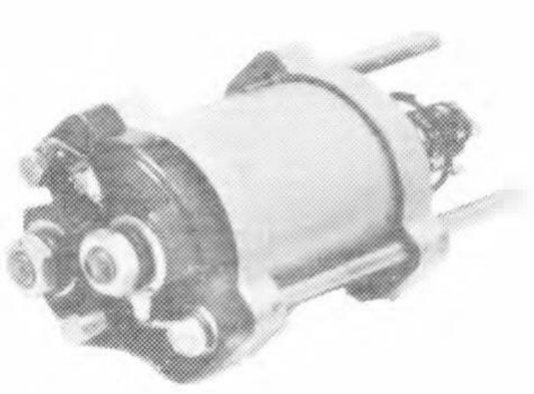
14440
12 Volt 5 Terminal Grounded Case
FOR UNIT NO: 25604, 25626, 26321, 26327
REPLACES: 76803, 76845, 76859, 76871, 76891, 76892, 76894, 76897, 76906, 76958, 77035



14476
12 Volt 5 Terminal Grounded, Flat
FOR UNIT NO: 4198226, 4198227, 4198600, 4198601, 63220700, 633220701
REPLACES: 76411, 76445, 76450, 76464, 76465, 76470, 76471, 76485, 76486, 76703, 76766, 76767, 76772, 4189650, 4189658, 63600400



14491
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: MM11511; MM115513; MM15514; MM115510; MD013754V; MD001550, 52, 53; MD003550; MD013758, 21665, 21685, 21674, 21672, 21675, 21686; M003T07371; M003T10372, 10072, 26381; M004T0072, 10172, 76071, 16171; MEA031; MED032, 030 and others.
REPLACES: K437574-1; M371X00171; M371X00371; M371X00372; M371X00382; M371X00392; MD-602052; MD-602074; MD6-02879; MD-607150; MD-607434; SB111; TOJ214X; 022-24-760A; 0324-24-760; 0426-24-731; 0578-23-764; 1757-18-400A; 1758-24-736; 1907-18-400A; 23343-P0610; 23343-70110; 36522010



14438
12 Volt 4 Terminal Grounded Flange
FOR UNIT NO: 25137, 25182, 25186, 25187, 25208, 25209, 25349
REPLACES: 76790, 76806, 76830, 76842, 76846, 76848, 76863, 76870, 76886, 76887, 76995, TOB157, TOB190, 191



14442
12 Volt 5 Terminal Grounded Flange
FOR UNIT NO: 25695, 25696, 25674, 25684, 25703
REPLACES: 76785, 76876, 77, 78, 76895, 76896, 76922, 76924, 76931, 76937, 39, 76963, 76979, 76924A, 96403



14477
12 Volt 5 Terminal Grounded Case, w/Plunger
Ford 2701 E-111390-A, B
Used on Lucas M-50 starters
REPLACES: 76753, 76756, 76781, 76835, 76854, 76864, 76865, 76905, 76910, 76911, 76912, 77015, 77025, 77032, 78854, TOB133X, 2701E-11390-A, 2701E-11390- B; TOR110

for Mitsubishi

for Mitsubishi (cont'd)



14516
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: M3T26081, MAZ1757-18-400D and others
LESTER NO: 16268A
REPLACES: M371X00272



14517
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: M2T53082, 083, 085; M3T20581, 20781, 22581, 24481, 25781, 25782, 25783, 25882; MD-027382, 400, 401; MD-034120; MD072585; MD-081568
LESTER NO: 16718, 16729, 16738
REPLACES: M371X3447, 50671; MD607549



14518
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: (MIT) M3T50581, (MAZ) N202-18-400A
LESTER NO: 16717
REPLACES: 1M371X34471



14530
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: (CHR) MD061154, MD072654; (MIT) M002T56181, 60171 and others
LESTER NO: 16738, 853 and others
REPLACES: MD607634, M372X00471

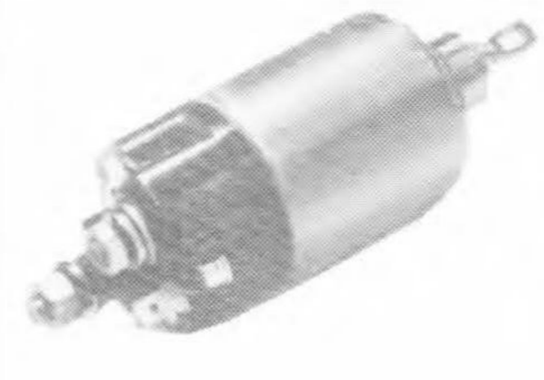


14531
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: (CHR) MD066761, MD081567, MD106431 (MIT) M002T40081, M003T32592 and others
LESTER NO: 16729, 16863, 16864 and others
REPLACES: MD607997, M371X60271

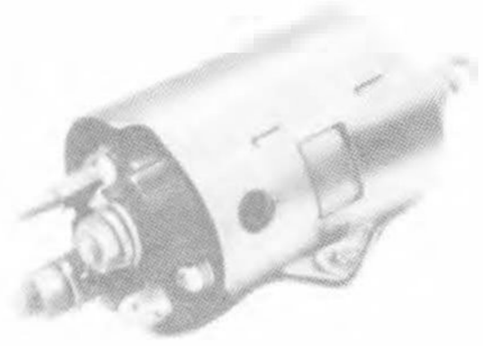
for Nippondenso



14470
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 28100-22011, 12, 21; 25010, 20, 21; 33020; 40041; 41011; 60041
REPLACES: 28150-22011, 25010, 25013, 33020, 33021, 34070, 41010, 41011, 60040; 053400-1040, 1101, 1102, 1105, 1260, 1530, 2250, 2340, 2550, 3330, 3350, 3810; 36520023; 36520049; 39210-4122; D27Z-11390-A; SWE-1429; TOJ400X; TOJ413X



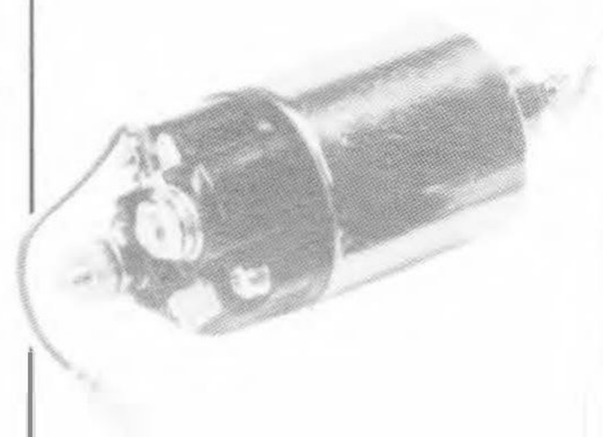
14492
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 28100-60040, 60010; 028000-2360, 2361, 3820, 3822, 3827, 1370, 1371, 1372, 0430
REPLACES: 28150-1020, 28150-1330, 28150-1011, 28150-21011, 28150-22010, 28150-40010, 28150-40011, 50010, 50011, 28150-51010, 28150-51050, 053400-0801, 053400-0820



14494
12 Volt 4 Terminal Grounded Case, w/Cover
FOR UNIT NO: 028000-3840, 3841, 3900, 3901
REPLACES: 28150-25030, 28150-25031, 053400-1831



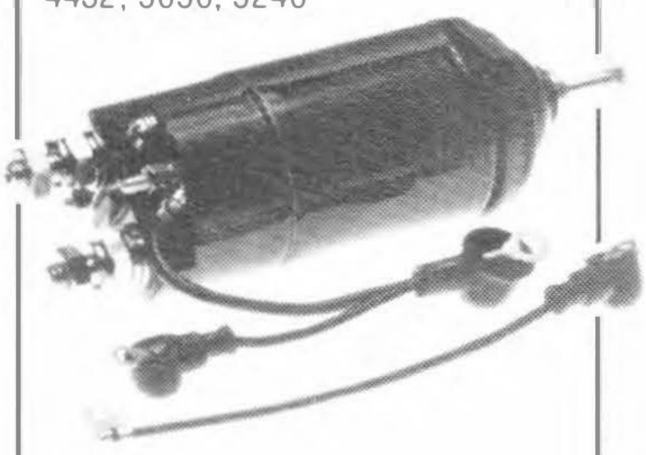
14495
12 Volt 4 Terminal Grounded Case, w/Square Pigtail (optional for 14496)
FOR UNIT NO: 28100-44010, 23010; 028000-4820, 4810
REPLACES: 28150-23010, 23011, 36050, 60060; 053400-2160, 2550, 3340



14496
12 Volt 4 Terminal Grounded Case, w/Round Bullet Connector (for optional Spade Connector use 14495)
FOR UNIT NO: 28100-36020, 12030, 12040, 36030, 24021, 36040; 028000-3710, 3800, 3830, 3960, 4041, 4270
REPLACES: 28150-12030; 28150-12031; 28150-34011; 053400-1150; 053400-1810; 053400-1870, E-900; SWE-1136; 89210-4122; TOJ410X; 36520105

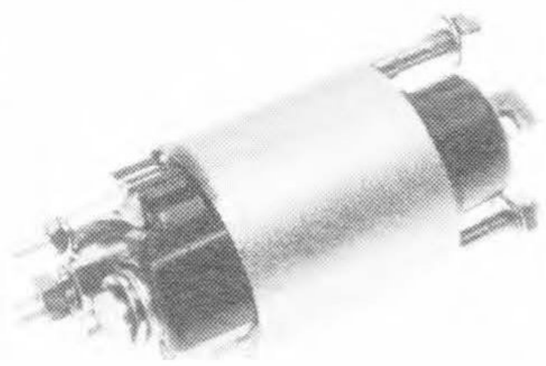


14523
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: (NPD) 028000-6493, (TOY) 28100-13020 and others
LESTER NO: 16766
REPLACES: 28150-15011, 15012, 37010; 053400-3931, 4430, 4431, 4432, 5050, 5240

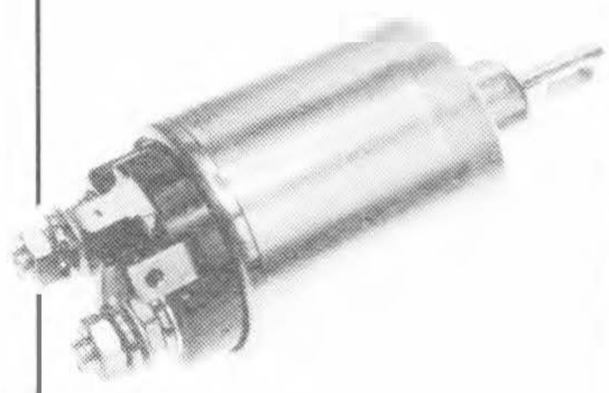


14525
12 Volt 3 Terminal Grounded Base
FOR UNIT NO: Nippondenso 028000-3290, 3930, 3970, 4930; Allis Chalmers 268757; John Deere AR-41627, AR-63341, AR-70611
LESTER NO: 16627, 16635, 16643, 16644
REPLACES: 053400-3490; AR-90074

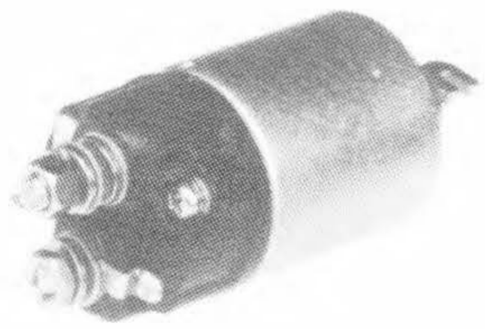
for Nippondenso (cont'd)



14526
12 Volt 3 Terminal Grounded Case
For Chrysler starter (Nippondenso equipped)
FOR UNIT NO: Chr #5213190; NPD #028000-7170, 71
LESTER NO: 16677
REPLACES: 5413313



14528
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: 3200-634-671, 31200-634-670, 5114-149
REPLACES: 31204-634-671



14534
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: (CHR) 5206265, 270; 5213085, 295; (NPD) 028000-5090, 5091, 5130 and others
LESTER NO: 16417, 418 and others
REPLACES: 5206636, 5213352

* New item in process

for Nissan

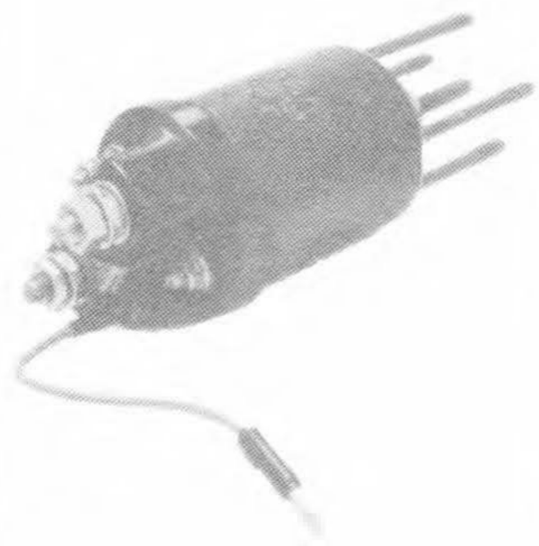


***14536**
12 Volt Grounded Case
REPLACES: 23343-Y0513, M8110



***14537**
12 Volt Grounded Case
REPLACES: 23343-04E10

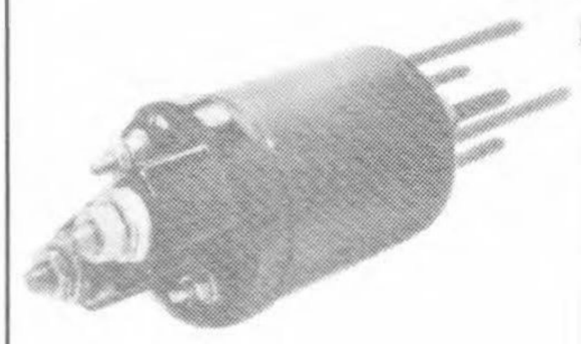
for Paris Rhone



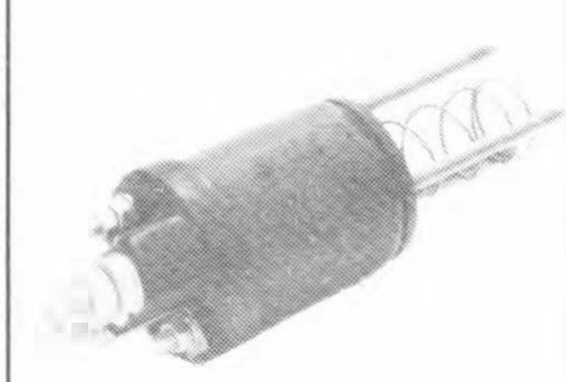
14500
12 Volt 4 Terminal Grounded Case, w/External Male Bullet Connector, 5 Mounting Bolts
FOR UNIT NO: D10E57, 65
REPLACES: 93.281Z



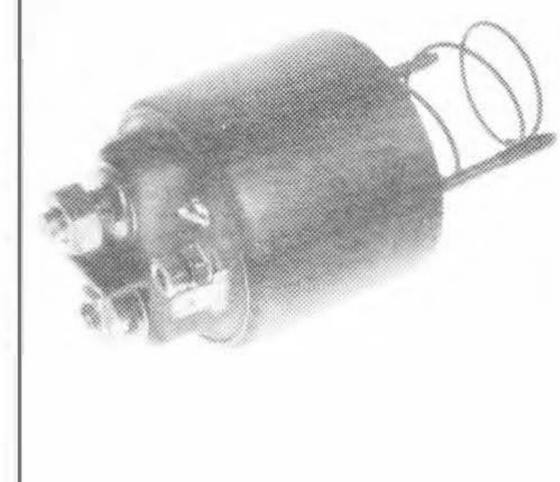
14502
12 Volt 4 Terminal Grounded Case, w/Internal Male Bullet Connector, 3 Mounting Bolts
FOR UNIT NO: D9E14
REPLACES: 97.019W



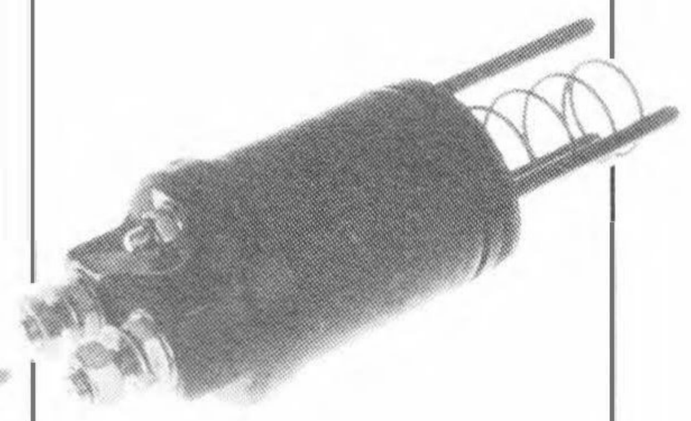
14503
12 Volt 3 Terminal Grounded Case, 5 Mounting Bolts
FOR UNIT NO: D11E156
REPLACES: 94.795R



14504
12 Volt 3 Terminal Grounded Case, 3 Mounting Bolts
FOR UNIT NO: D8E121; D9E34
LESTER NO: 16755
REPLACES: 98.065L; 100.111J; 7701-024-254



14521
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: D9E54
LESTER NO: 16749
REPLACES: 99.932L, 5836-02

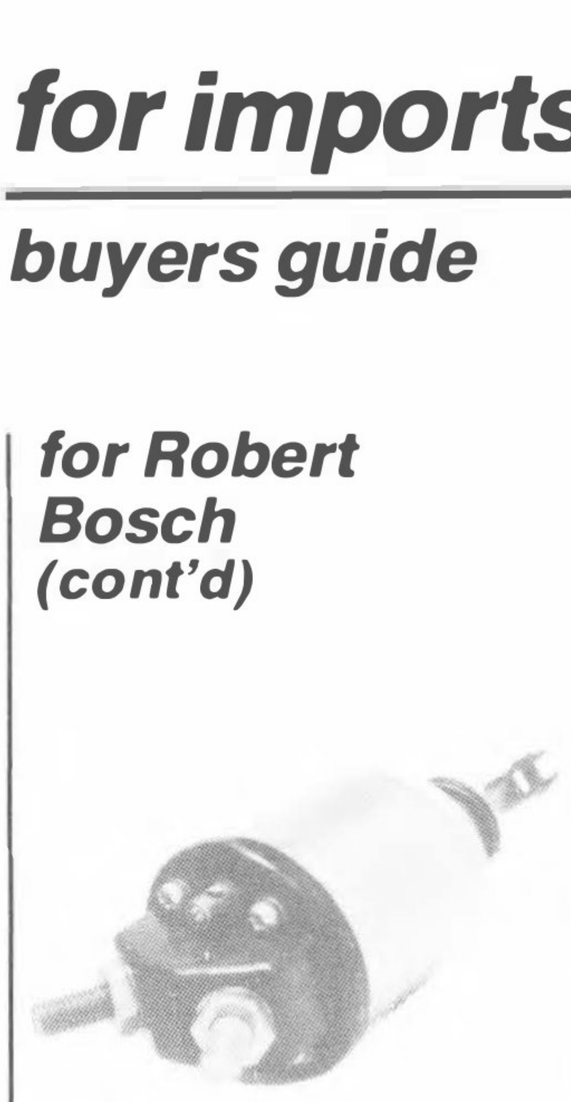


14522
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: D-10E-79 and others
LESTER NO: 16757
REPLACES: 1D1.187S, 7701-025-502

for Robert Bosch



14415
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 0-001-354-064; 0-001-354-078, 079
REPLACES: 0-331-400-001, 003, 006, 007, 009, 011, 0-331-401-008, 0-331-401- 009, 010, 015, 016, 027, 039, 0-331-402-508, 509, 077



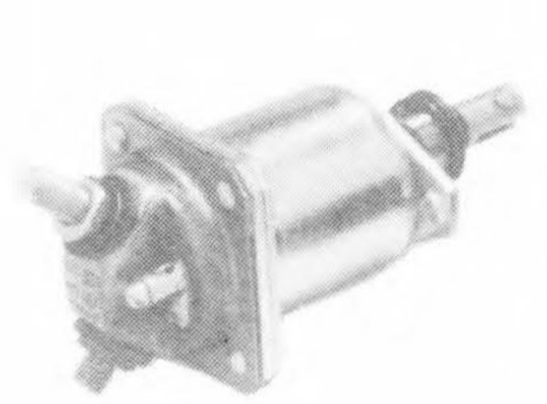
14416
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 0-001-354-048, 0-001-354-031; EJD1.8/12R70; EJD 1.8/12 R88
REPLACES: 44-964, 44-1770, 0-331-400-008, 0-331-401-053



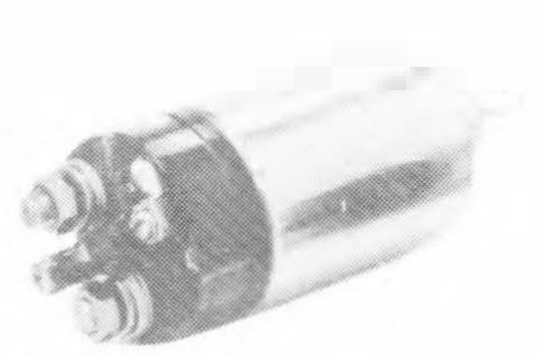
14424
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: 0-001-311, 016, 023, 024, 026, 027, 039
REPLACES: 0-331-301-022, 0-331-302-025, 0-331-302-033, 0-331-302-035, 0-331- 302-039



14427
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: 0-001-311-103, 108, 110, 120; 0-001-314,012, 014
REPLACES: 0-331-303-006



14458
6 Volt 3 Terminal Grounded Flange
FOR UNIT NO: 0-001-201-001; 0-001-205-001, 005, 012; 0-001-207-001
REPLACES: 0-331-300-001, 0-331-302-004, 0-331-302-008, E-906, TOB400X, 21251045



14417
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: 0-001-208-003, 025, 026
REPLACES: 0-331-302-026



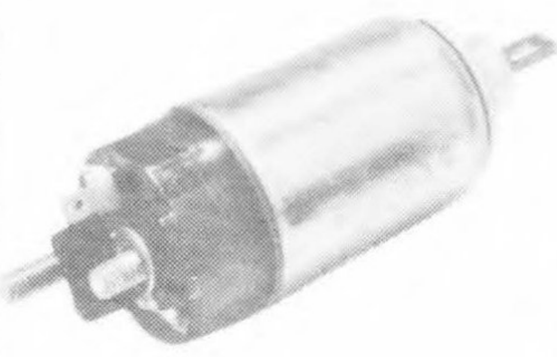
14425
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: 0-001-311-033, 034, 038, 046, 048
REPLACES: 0-331-302-053



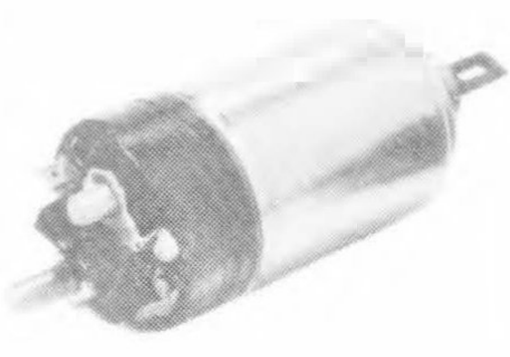
14428
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: 0-001-311-103, 108
LESTER NO: 16353, 16583
REPLACES: 0-331-302-081, TOB-417X



14459
6 Volt 3 Terminal Grounded Case
FOR UNIT NO: 0-001-207-018, 016, 020; 0-001-310-007, 010, 019
REPLACES: 0-331-302-005, E-907



14423
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 0-001-311-001, 016, 045
REPLACES: 0-331-302-025, 0-331-302-030



14426
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: 0-001-311-042, 105
REPLACES: 0-331-302-056, 070, 081, 084



14430
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 0-001-362-001, 029, 030, 047, 062, 069, 077, 600
REPLACES: 0-331-401-040, 0-331-401-045, 0-331-402-001, 002, 003, 004, 007, 0-331-402-013, 015, 016, 0-331-402-019, 0-331-402-035, 0-331-402-039, 0-331-402- 513, 0-331-402-519, 528, 0-331-402-535, 0-331-402-539



14460
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 0-001-211-012, 013; 0-001-311-041
REPLACES: 0-331-302-034, 0-331-302-071; E-903

for Robert Bosch (cont'd)



14461
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 0-001-212-002, 005, 208
REPLACES: 0-331-302-031, 0-331-302-032, 0-331-302-062, E-904, TOB402X, 21251047



14464
12 Volt 3 Terminal Grounded Case, w/Plunger
FOR UNIT NO: 0-001-208-403, 404
REPLACES: 0-331-303-020, 022; 5226607



14467
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: 0-001-211-218 and others
LESTER NO: 16401
REPLACES: 1-331-303-015



14529
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 0-001-359-084; 0-001-367-034
REPLACES: 0-331-402-513



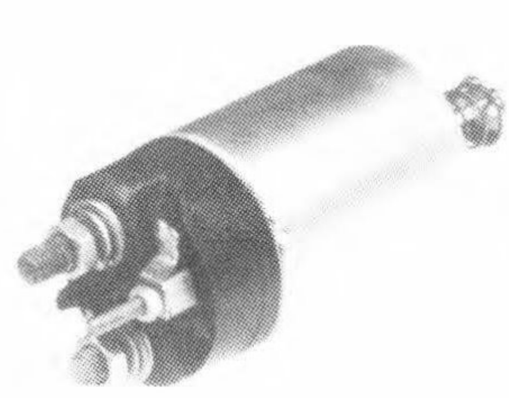
14462
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 0-001-211-221, 222, 992, 993, 997, 998
REPLACES: 0-331-302-040, 0-331-302-073, E-905



14465
12 Volt 4 Terminal Grounded Case, w/Plunger
FOR UNIT NO: 0-001-211-218,223; 0-001-212-204, 205, 206, 207
REPLACES: 0-331-303-004, 0-331-303-018, 0-331-303-024



14468
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: 0-001-211-989, 0-001-311-046, 0-001-311-120 and others
LESTER NO: 16402, 16414, 16539
REPLACES: 0-331-302-063



14533
12 Volt 3 Terminal Grounded Case
FOR UNIT NO. (CHR) 5206255; (RBS) 0-001-208-403
LESTER NO: 16415
REPLACES: 0-331-302-096



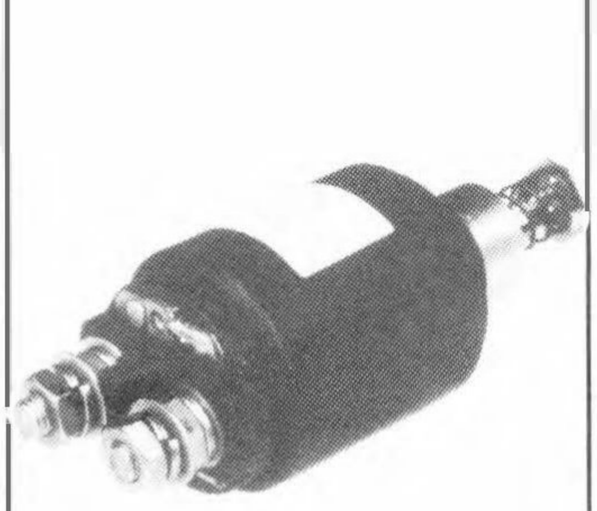
14463
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: 0-001-208-036, 038, 053; 0-001-209-001; 0-001-211-001, 002, 004, 016, 023
REPLACES: 0-331-302-029, 036, 042; 0-331-302-044, 045, 046, 064, 075; 0-331- 302-057



14466
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: 0-001-211-223
REPLACES: 0-331-303-002, 0-331-303-028, 0-331-303-502, 0-331-303-505



14469
12 Volt 4 Terminal Grounded Case
FOR UNIT NO: 0-001-311-027 and others
LESTER NO: 16353
REPLACES: 0-331-302-047



14535
12 Volt 3 Terminal Grounded Case
FOR UNIT NO: 9-000-083-028
REPLACES: 9-330-081-030

cross reference

ACE™

AMERICAN MOTORS

ORIGINAL NO.	ACE NO.
120568	13863
916462	11851
919294	11851
3110007	12837
3130465	12881
3180465	12881
3202429	54001
3202630	14858
3204349	14858
3205022	13858
3215394	12883
3225624	12882
3225629	12882
3227812	12884
3230406	12887
3234971	12886
3234972	12887

CHRYSLER

ORIGINAL NO.	ACE NO.
648336	13863
658336	13863
927081	13863
1121741	11851
1633166	13863
1692658	11866
1692659	11867
1770717	11803
1818738	11803
1842798	11992
1889146	11846
1889797	11851
1889799	11803
2095360	11866
2098360	11866
2525288	13510
2642222	11846
2642284	11846
2642961	11846
CH-2302	13863
CH-2326	11866
CH-2327	11867
CH-2328	11803
CH-2329	11851
CH-2330	11803
CH-2335	11866
CH-2346	11846
CH-2352	11846
CH-2358	11846

DATSUN/NISSAN

ORIGINAL NO.	ACE NO.
23343-E6800	14484
23343-H5000	14485
23343-H5001	14485
23343-H9100	14505
23343-M4900	14505
23343-M8110	14536
23343-N3300	14486
23343-N3301	14486
23343-Y0513	14536
23343-04E10	14537
23343-10600	14472
23343-15800	14472
23343-15810	14472
23343-18005	14472
23343-21000	14473
23343-21005	14473
23343-21006	14473

DELCO

ORIGINAL NO.	ACE NO.
1465	13863
1466	11850
1467	11851
1468	13352
1494	11853
1114251	14858
1114252	14858
1114253	14858
1114255	14858
1114256	14858
1114257	14858
1114262	14858
1114263	14858
1114264	14858

DELCO (cont'd)

ORIGINAL NO.	ACE NO.
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DELCO (cont'd)

ORIGINAL NO.	ACE NO.
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1115592	15593
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1118135	13810
1118140	13810
1118148	13860
1118806	13860
1118810	13858
1118811	13858
1118816	13858
1119760	13860
1119761	13860
1119767	13860
1119774	13860
1119777	13860
1119778	13510
1119780	13858
1119784	13860
1119789	13860
1119793	13858
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1119803	19803
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1119980	13858
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1872405	11805
1918405	11805
1919576	11805
1919600	11805
1922609	11805
1930227	11804
1930496	11859
1932131	11805
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1940047	11805
1996479	11856
D-295	11853
D-516	15541
D-902	11804
D-903	11805
D-904	11805
D-905	11805
D-906	11859
D-908	11805
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D-914	13858

DELCO (cont'd)

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D-977	13858
D-979	13858
D-980	13510
D-981	13858
D-983	14515
D-984	14515
D-1468	13852
U-925	11853
U-926	11853

DODGE COLT

ORIGINAL NO.	ACE NO.
MD602074	14491
MD602250	14491
MD607150	14491

FIAT

ORIGINAL NO.	ACE NO.
4142558	14481
4154106	14482
4154406	14482
4159273	14480
4267879	14482

FORD

ORIGINAL NO.	ACE NO.
2701966	12881
2702610	12881
B5A-11450-A	12858
B6A-11450-A	12881
B6AZ-11450-A	12881
B8C-11390-A	13858
B9TZ-11390-A	11803
C3TZ-11390-A	19879
C4AF-11450-A	12881
C4AF-11450-B	12881
C4TZ-11390-A	19848
C6TZ-11390-A	13510
C7AF-11450-A	12881
C8VY-11390-A	13858
D20Z-11450-A	12881
D27Z-11390-A	14470
D3TZ-14677-A	11884
D3TZ-14677-B	11884
D3VY-11390-A	14365

FORD (cont'd)

ORIGINAL NO.	ACE NO.
D4NN-11390-A	14478
D5VY-11390-A	14365
D8DZ-11450-A	12888
D8VY-11450-A	12888
D9AZ-11450-A	12881
E4FZ-11390-A	14366
E4AF-11450-AA	12889
E4TF-11450-AA	12889
E4TZ-11450-BA	12890
E5TZ-14677-A	11684
E4FZ-11390-A	14366
FAB-11450-B	12858
FDH-11450-A	12858
FDR-11450-A	12881
PB9L-11450-A	12881
SW-2	12858
SW-3	12881
SW-217	12840
SW-220	12884
SW-243	13510
SW-263	12882
SW-675	13858
SW-758	13858
SW-825	13510
SW-1080	12882
SW-1179	14365
SW-1219	14365
SW-1287	19879
SW-1507	12888
SAW-4604	12858
SWC-5	11866
SWC-75	11866
SWE-1136	14496
SWG-235	13858
SWX-12	11866
SWX-18	11851
SWX-60	11851
SWX-65	54001
SWX-70	54004
SWX-72	14471
SWX-79	11851
SWX-88	11880
SWX-120	11867
SWX-225	13863
SWX-226	11851
SWX-228	13810
SWX-229	11851
SWX-310	11851
SWX-311	11846
SWX-675	14365
SZ-667	19879
U-925	11853
U-926	12858
U-928	12858
U-930	12881
U-1494	11853
1A-11450	11851
8N-11450	12840
15-005	11866
15-012	11866
15-018	11851
15-060	11851
15-061	11803
15-070	54004
15-072	14471
15-075	11866
15-079	11851
15-088	11880
15-104	11867
15-120	11867
15-125	13863
15-225	13863
15-226	11851
15-228	13810
15-229	13860
15-230	13860
15-310	11851
15-311	11846
21A-11450	11853
2701E-11390-A	14477
2701E-11390-B	14477
90-206	14858

HARLEY DAVIDSON

ORIGINAL NO.	ACE NO.
71463-73	11861

solenoid switches cross reference

HARLEY DAVIDSON (cont'd)

ORIGINAL NO.	ACE NO.
71469-69	11860
15-3F	11861
SAZ-4201N	11861

HITACHI

ORIGINAL NO.	ACE NO.
2114-2750	14484
2114-I1700	14474
2114-L1700	14474
2114-N27001	14488
2114-N2750	14484
2114-27501	14527
2114-N3700Y	14472
2114-37001	14485
2114-37003	14488
2114-37504	14527
2114-4700Y	14472
2117-47003	14490
2114-47005	14505
2114-57001	14486
2114-N6750	14472
2114-67505	14527
2114-N7700Y	14473
2114-77004	14485
2114-N7750	14473
2114-87004	14486
2114-91700	14474

HONDA

ORIGINAL NO.	ACE NO.
31204-634-005	14486
31204-634-671	14488
31204-657-005	14490
31260-568-005	14487

LUCAS

ORIGINAL NO.	ACE NO.
76411	14476
76445	14476
76450	14476
76464	14476
76465	14476
76470	14476
76471	14476
76478	14437
76485	14476
76486	14476
76703	14476
76759	14439
76765	14437
76766	14476
76767	14476
76772	14476
76782	14437
76803	14439
76806	14438
76830	14438
76846	14438
76848	14438
76850	14439
76854	14477
76863	14438
76865	14477
76875	14442
76886	14438
76892	14440

LUCAS (cont'd)

ORIGINAL NO.	ACE NO.
76895	14442
76897	14440
76899	14439
76911	14478
76917	14443
76924	14442
76931	14442
76979	14442
77010	14478
77032	14477
78854	14477
36520049	14470
36521033	14472
36521037	14473
36521140	14484
36521218	14486
36521245	14485
36524007	14474

LUV

ORIGINAL NO.	ACE NO.
9420-1430	14474
9420-8303	14488

MAZDA

ORIGINAL NO.	ACE NO.
0221-23-764	14470
022-24-760-A	14491
0578-23-764	14470

MITSUBISHI

ORIGINAL NO.	ACE NO.
M371X00171	14491
M371X00272	14516
M371X00371	14491
M371X00372	14491
M371X00382	14491
M371X34471	14518
M371X34477	14517
M371X50671	14517
M372X00471	14530
MD602074	14491
MD602879	14491
MD607150	14491
MD607549	14517
MD607634	14530
MD607997	14531

NIPPONDENSO

ORIGINAL NO.	ACE NO.
053400-0801	14492
053400-0820	14492
053400-1040	14470
053400-1150	14496
053400-1151	14496
053400-1260	14470
053400-1530	14470
053400-1810	14496
053400-1831	14494
053400-1870	14496
053400-2160	14495
053400-2550	14495
053400-3340	14495
053400-3490	14525
28150-15012	14523
5206636	14534
5213352	14534
5413313	14526

PARIS RHONE

ORIGINAL NO.	ACE NO.
74.764C	14503
93.281Z	14500
94.795R	14503
97.019W	14502
98.065L	14504
99.932L	14521
100.111J	14520
101.187S	14522

PRESTO (Autolite)

ORIGINAL NO.	ACE NO.
15-1	11803
15-5	11886
15-8	11851
15-12	11866
15-18	11851
15-3F	12881
15-4D	13856
15-40	13858
15-43	11819
15-45	11855
15-47	11855
15-49	11856
15-50	11855
15-51	11855
15-57	11803
15-60	11851
15-61	11803
15-62	11803
15-64	11803
15-65	54001
15-66	14471
15-69	54001
15-70	54004
15-72	14471
15-75	11866
15-76	11867
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