prestolite®

SERVICE PARTS LIST

MGV-4000 Series

MOTORS

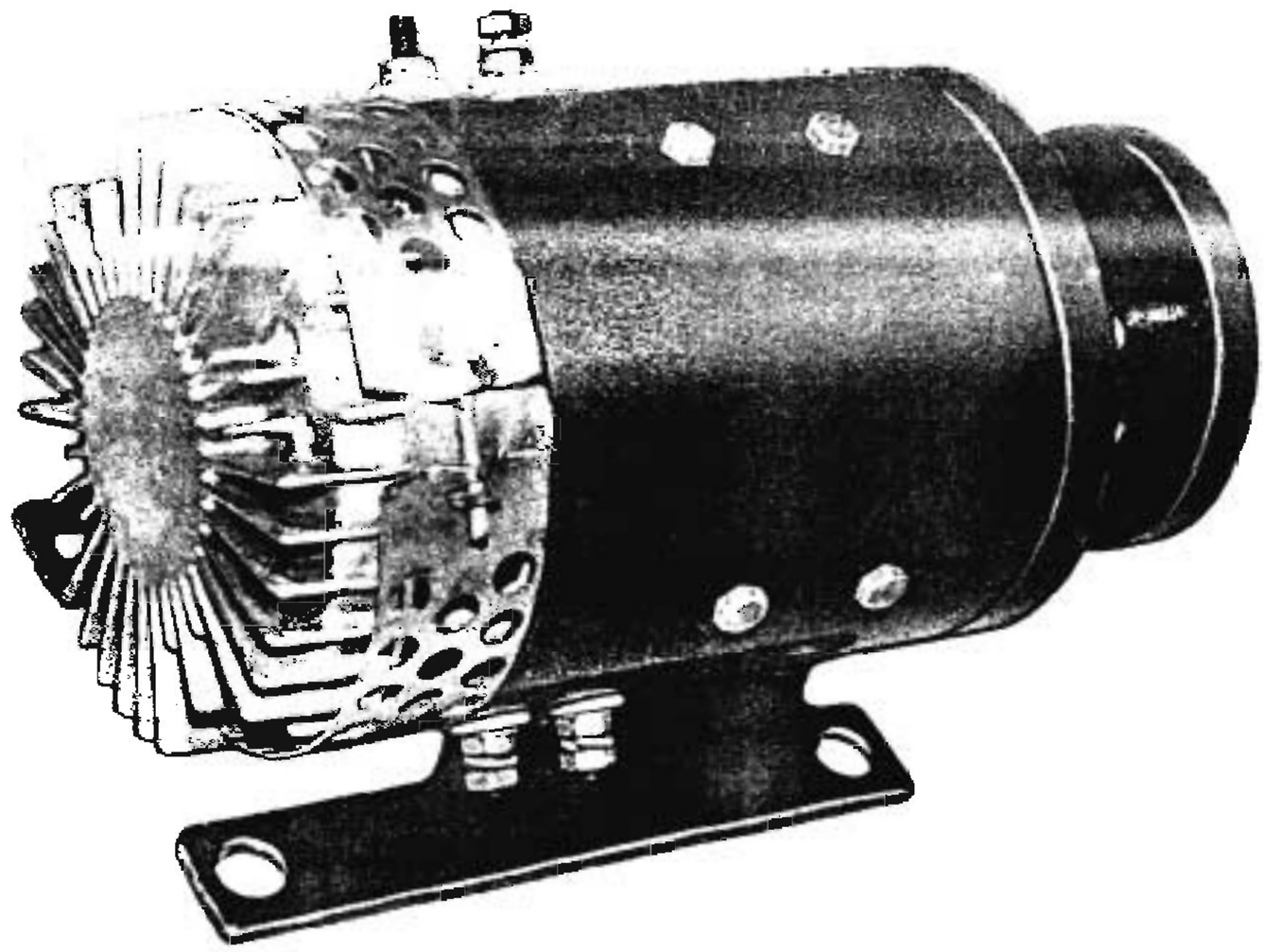
ISSUED: 3-19-87 (Rev.)

ORIG.EQUIP.MOTOR — SERVICE MOTOR — VOLTS: 36

ENG. NUMBER		ENG. NUMBER	SALES NUMBER	APPLICATION
MGV-4001		- - - -	- - - -	Baker #18AL-4001
MGV-4001A	USE	MGV-4005	46-2312	Schreck
MGV-4003	USE	MGV-4006	46-2316	Schaeff Namco
MGV-4004		- - - -	- - - -	Raymond Corp.
MGV-4005		MGV-4005	46-2312	Schreck,Plymouth Loco.
MGV-4006		MGV-4006	46-2316	Schaeff Namco
MGV-4007		- - - -	- - - -	Baker #18AL-4007
MGV-4008		- - - -	- - - -	Raymond Corp.#570-430/201
MGV-4009		MGV-4009	46-2476	Schreck,Plymouth Loco.
MGV-4010		MGV-4010	46-2560	Schreck,Plymouth Loco.
MGV-4011		MGV-4011	46-2614	Plymouth Loco.
MGV-4012		- - - -	- - - -	Baker #708709
MGV-4101	USE	MGV-4102*	46-2435	Allis Chalmers,A.C.Mat'l.Hdlg.
MGV-4102		MGV-4102	46-2435	Allis Chalmers,A.C.Mat'l Hdlg.
MGV-4103		MGV-4103	46-2509	Kalamazoo Mfg.
MGV-4104		- - - -	- - - -	Raymond Corp. #570-440

* When MGV-4102 is used as a replacement for MGV-4101 a new Brake Assembly (available thru A.C. Mat'l. Hdlg. only) will also be required.

NOTE: SEE PARTS LIST FOR ASSEMBLY BEING SERVICED WHEN COMPONENT PARTS ARE REQUIRED.

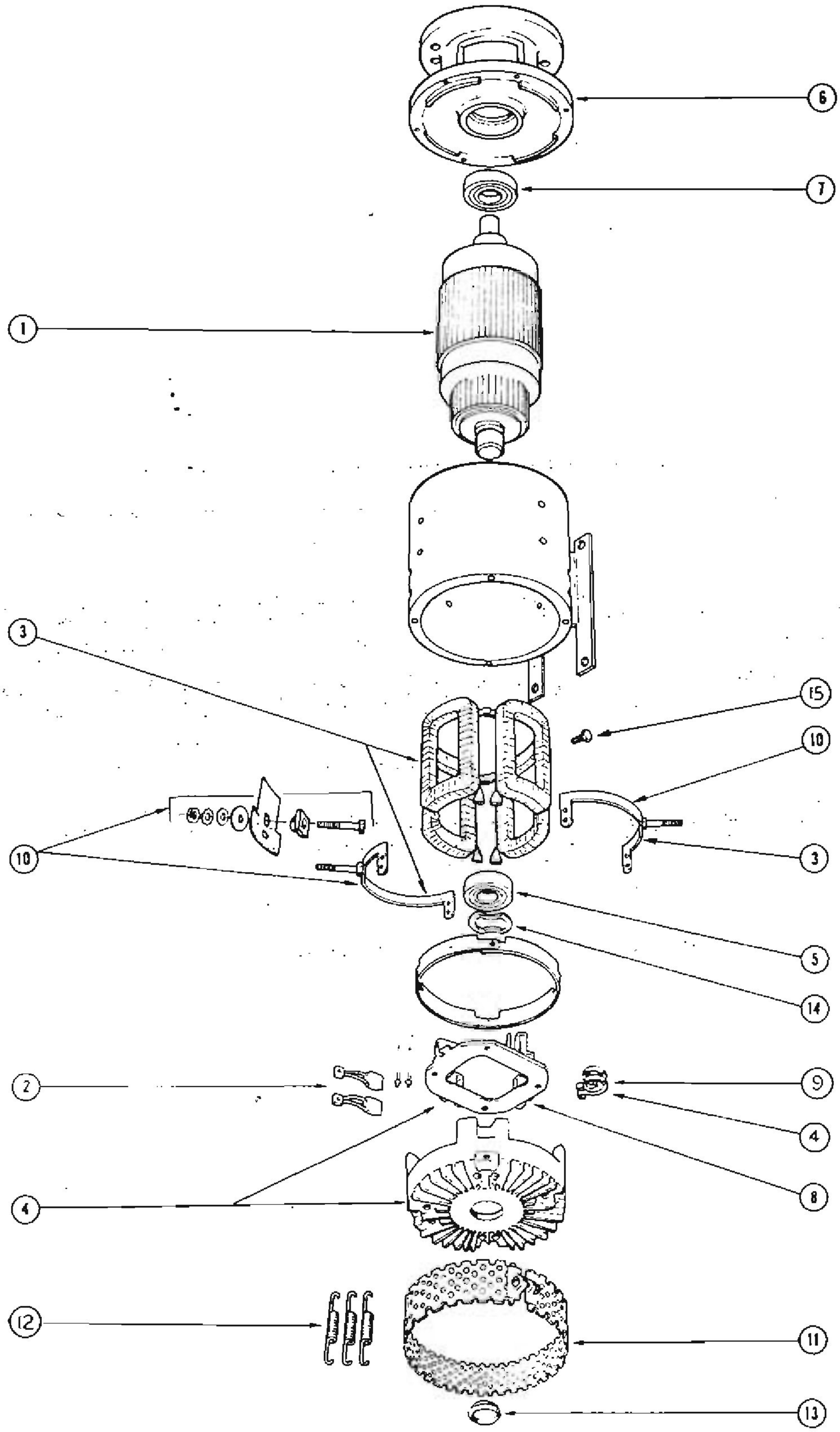


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File in the **OE-92 PARTS BINDER**

MOTOR SECTION

MGV-4000 Series Motor Parts List



Exploded View of Typical MGV Motor

Assembly	Armature (1)	Brush Set (2)	Field Coil Package (3)[*]	Comm. End Head Assembly (4)	C.E. Bearing (5)	Drive End Head Assembly (6)	D.E. Bearing (7)
MGV-4001 [PB]	16-1004 (MGH-2106A)	17-138 (MGF-1012S)	20-473 (MEA-3005SS)	19-276 (MGV-1002)	25-79 (X-4608SC)	22-288[a] (MDV-1041DS)	25-79 (X-4608SC)
MGV-4001A (46-2133)	"	"	"	"	"	"	"
MGV-4003 (46-2115)	16-1001 (MGH-2206A)	"	20-521 (MEA-3005AAS)	19-289 (MJA-1302)	"	22-217 (MEM-3A)	25-78 (X-4607SC)
MGV-4004 [PB]	[PB][b]	"	[PB]	"	"	[PB]	25-79 (X-4608SC)
MGV-4005 (46-2312)	16-1003 (MGH-2156A)	17-201 (MEE-1012CS)	20-520 (MEA-3005SSS)	19-346[c] (MEA-1202S)	"	22-288[a] (MDV-1041DS)	"
MGV-4006 (46-2316)	16-1001 (MGH-2206A)	"	20-521 (MEA-3005AAS)	19-315 (MEA-1202A)	"	22-80 (MEM-3)	25-78 (X-4607SC)
MGV-4007 [PB]	16-1004 (MGH-2106A)	"	20-520 (MEA-3005SSS)	19-438 (MEA-1202K)	"	22-300 (MDV-41FS)	25-79 (X-4608SC)
MGV-4008 [PB]	[PB][b]	"	[PB]	19-315 (MEA-1202A)	"	[PB]	"
MGV-4009 (46-2476)	16-997 [b] (MGH-3216A)	17-219 (MEE-1012ZS)	20-519 (MEA-3005ZS)	19-346[c] (MEA-1202S)	"	22-322[a] (MGE-1123)	25-78 (X-4607SC)
MGV-4010 (46-2560)	16-1002[**] (MGH-2176A	17-236 (MEE-1012GS)	20-723 (MEA-3005CSS)	19-409 (MEM-2112)	"	22-345 (MSG-3)	25-79 (X-4608SC)
MGV-4011 (46-2614)	16-998[b][**] (MGH-3196A)	"	"	"	"	22-362 (MSG-103)	"
MGV-4012 [PB]	16-1000 (MGH-2236A)	17-245 (MEE-1012KS)	20-782 (MEA-3005BBS)	19-443[c] (MSQ-1002TS)	25-84 (X-4614SC)	22-384[a] (MDV-1103)	"
MGV-4101 (46-2351)	90-2668 [b] [d]	17-201 (MEE-1012CS)	20-517 (MEA-1005AS)	90-2668[d]	25-79 (X-4608SC)	22-255[a][e] (MKP-1003S)	"
MGV-4102 (46-2435)	16-999[b] (MGH-3136A)	17-219 (MEE-1012AS)	"	19-351 (MKV-1102)	"	"	"
MGV-4103 (46-2509)	16-846[b] (MGH-3146)	"	"	"	"	"	"
MGV-4104 [PB]	[PB]	17-236 (MEE-1012GS)	"	[PB]	"	[PB]	25-82 (X-4611SC)

[PB] Private Brand Part - not available thru Prestolite.
[a] Includes Ball Bearing.
[b] Armature & Fan Assembly. 34-712 (PU-707ASC) Fan is also available separately.
[c] Includes Bearing Cover.
[d] Armature & C.E. Head Kit. At time of first repair entire Kit must be used. 16-999(MGH-3136A) Armature & Fan Assy. and 19-351 (MKV-1102) C.E. Head Assy. may be used individually thereafter. Also, when complete Kit is used, a new Brake Assy.(available thru A.C.Mat'l.Hdlg.only) is required.
[e] 36-974(MEA-35) Armature Shaft Collar included.
[*] 36-1058 (MJB-195)Cable Tie Pkg.(10Pcs.) is available.
[**] 90-2722 Shaft Key Pkg. also available.

MGV-4000 SERIES

Assembly	Brush Holder Set (8)	Brush Spring Set (9)	Terminal Stud Package (10)	Cover & Band or Plate Pkg. (11)	Band Spring Package (12)	C.E. Bearing Cover (13)	C.E. Spring Washer (14)	Pole Shoe Screw Package (15)
MGV-4001 [PB]	90-2710	50-375 (MGP-18S)	[f]	36-1003 (HDB-18A)	36-869[g] (MKD-18S)	36-105 (GAL-40CSC)	[NR]	[k]
MGV-4001A (46-2133)	"	"	[f]	"	"	"	[NR]	[k]
MGV-4003 (46-2115)	"	"	90-2540	"	[NR]	"	36-847 (X-4236SC)	[k]
MGV-4004 [PB]	"	"	90-2466	70-72 (SP-6067)	[NR]	[NR]	"	[k]
MGV-4005 (46-2312)	"	"	90-2539	70-47 (SP-6102SC)	[NR]	36-105 (GAL-40CSC)	"	[k]
MGV-4006 (46-2316)	"	"	90-2540	[h]	[NR]	[NR]	"	90-2611
MGV-4007 [PB]	"	"	90-2539	70-47 (SP-6102SC)	[NR]	36-105 (GAL-40CSC)	"	90-2610
MGV-4008 [PB]	"	"	90-2543	[P8]	[NR]	[NR]	"	"
MGV-4009 (46-2476)	"	"	90-2538	36-1104 (HDB-1110)	[NR]	36-105 (GAL-40CSC)	"	"
MGV-4010 (46-2560)	"	"	90-2723	70-65 (SP-6123)	[NR]	[NR]	"	"
MGV-4011 (46-2614)	"	"	"	[NR]	[NR]	[NR]	"	"
MGV-4012 [PB]	36-1170 (MEE-1264SC)	"	90-2882	36-1171 (HDB-135S)	[NR]	36-1179 (MKD-40)	36-912 (X-4499SC)	"
MGV-4101 (46-2351)	90-2710	"	90-2541	36-1105[J] (HDB-1109)	[NR]	[NR]	36-847 (X-4236SC)	[K]
MGV-4102 (46-2435)	"	"	"	"	[NR]	[NR]	"	90-2610
MGV-4103 (46-2509)	"	"	"	"	[NR]	[NR]	"	"
MGV-4104 [PB]	"	"	"	[PB]	[NR]	[NR]	"	"

[PB] Private Brand Part - not available thru Prestolite.
[f] For Hex.Hd. Terminals use 90-2435 Package; for Slot Hd. use 90-2434.
[g] For use with early production Bands only.
[h] For ventilated Motor use Kit 70-47(SP-6102); for totally enclosed Motor use 70-30(SP-60S2).
[j] For use on C.E. Head of Motor. 36-993(HDB-5) Cover Band is available to service early production O.E. Heads that do not have internal fins.
[k] Order as follows; For Flat Head Screws 5/16-24x7/8" use 90-2608 Package.
For Hex.Head Screws 5/16-18x1" use 90-2610 Package.
For Hex.Head Screws 5/16-24x7/8" use 90-2611 Package.
For Flat Head Screws 5/16-18x7/8" use 90-2612 Package.
[NR] Not required.

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SERVICE PARTS LIST

ASSY. NO. MGV-4007

SALES NO. 46-608

TRACTION MOTOR

ISSUED 6/9/78 Rev:8/23/88

Application Baker Material Handling

Service Part No.	No. Used	Part Description	Prestolite Sales No.
MGH-2106A	1	ARMATURE	16-1004
X-4608SC	2	BEARING, BALL, SEALED, C.E.& D.E.	25-79
MEE-1012GS	1	BRUSH SET, SERVICE	17-236
MJB-19S	1	CABLE TIE PKG. (10 PCS.)	36-1058
SP-6102SC	1	COVER BAND PKG.	70-47
GAL-40CSC	1	COVER, C.E. BEARING	36-105
MEA-3005SSS	1	FIELD COIL PACKAGE	20-520
*	1	Insulation, Field Connection	
*	1	Connector & Stud Assy.	
*	1	Connector & Stud Assy.	
*	4	Stud,Hex.Hd. 3/8-16x1-5/8	
MEA-1202K	1	HEAD ASSEMBLY, COMM.END	19-438
MGP-18S	1	SPRING SET, BRUSH	50-375
90-2710	1	BRUSH HOLDER KIT	90-2710
MDV-41FS	I	HEAD; DRIVE END	22-300
90-2610 +	1	POLE SHOE SCREW PACKAGE	90-2610
90-2539 +	1	TERMINAL STUD PKG. (HDWE.INCL.)	90-2539
X-4236SC	1	WASHER, SPRING, C.E. BEARING	36-847

* Also serviced in 90-2539 Package.

+ Contains additional parts to service other applications.

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SERVICE PARTS LIST

ASSY. NO. MGV-4010

SALES NO. 46-2560

TRACTION MOTOR

ISSUED 8-31-82

Application Schreck Industries

Service Part No.	No. Used	Part Description	Prestolite Sales No.
MGH-2176	1	ARMATURE	16-891
X-4608SC	1	BEARING,BALL,SEALED,D.E.#305	25-79
MEE-1012GS	1	BRUSH SET,SERVICE	17-236
MJB-19S	1	CABLE TIE PKG.,CONNECTOR (10PCS.)	36-1058
MNC-19S	1	CABLE TIE PKG.,CONN.TO FRAME(5PCS.)	36-1057
MEA-3005CSS	1	FIELD COIL PACKAGE	20-723
*	1	Insulation,Field Connection	
*	1	Connector & Stud Assembly	
*	1	Connector & Stud Assembly	
*	4	Stud,Hex.Hd.,3/8-16x1 5/8	
MEM-2112	1	HEAD ASSEMBLY,COMM.END	19-409
MGP-18S	1	SPRING SET,BRUSH	50-375
X-4608SC	1	BEARING,BALL,SEALED,#305	25-79
	1	Retainer(Truarc#N5002-244)	
90-2710	1	BRUSH HOLDER KIT	90-2710
MSG-3	1	HEAD,DRIVE END	22-345
90-2610	1	POLE SHOE SCREW PACKAGE	90-2610
90-2722	1	SHAFT KEY PACKAGE	90-2722
90-2723	1	TERMINAL STUD PKG.(HDWE.INCL.)	90-2723
X-4236SC	1	WASHER,SPRING,C.E.BEARING	36-847

* Also serviced in 90-2723 Package.

Note:This is a ventilated Motor; for totally enclosed Motor use SP-6123(70-65) Enclosing Kit.

TEMPORARY PARTS LIST

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SERVICE PARTS LIST

ASSY. NO. MGV-4011

SALES NO. 46-2614

TRACTION MOTOR

ISSUED 1-18-85

Application Plymouth Locomotive

Service Part No.	No. Used	Part Description	Prestolite Sales No.
MGH-3196	1	ARMATURE & FAN ASSEMBLY	16-939
PU-707ASC	1	FAN	34-712
X-4608SC	1	BEARING,BALL,SEALED,D.E.#305	25-79
MEE-1012GS	1	BRUSH SET,SERVICE	17-236
MJB-19S	1	CABLE TIE PKG.,CONN.(10PCS.)	36-1058
MNC-19S	1	CABLE TIE PKG.,CONN.TO FRAME (5PCS.)	36-1057
MEA-3005CSS	1	FIELD COIL PACKAGE	20-723
*	1	Insulation,Field Connection	
*	1	Connector & Stud Assembly	
*	1	Connector & Stud Assembly	
*	4	Stud,Hex.Hd.3/8-16x1 5/8	
MEM-2112	1	HEAD ASSEMBLY,COMM.END	19-409
MGP-18S	1	SPRING SET,BRUSH	50-375
X-4608SC	1	BEARING,BALL,SEALED #305	25-79
	1	Retainer(Kohinoor #N5002-244)	
90-2710	1	BRUSH HOLDER KIT	90-2710
MSG-103	1	HEAD,DRIVE END	22-362
90-2610	1	POLE SHOE SCREW PACKAGE	90-2610
90-2722	1	SHAFT KEY PACKAGE,C.E. & D.E.	90-2722
90-2723	1	TERMINAL STUD PKG.(HDWE.INCL.)	90-2723
X-4236SC	1	WASHER,SPRING,D.E.BEARING	36-847

* Also serviced in 90-2723 Package.

TEMPORARY PARTS LIST

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SERVICE PARTS LIST

ASSY. NO. MGV-4013 [PB]

SALES NO. _____

TRACTION MOTOR

ISSUED 11/19/87

Application Raymond Corp. #570-447 "PRIVATE BRAND

Service Part No.	No. Used	Part Description	Prestolite Sales No.
MGV-4	1	ADAPTER, D.E. HEAD	36-1211
MGH-3226S	1	ARMATURE & FAN ASSEMBLY	16-1166
PU-707ASC	1	FAN	34-712
X-4608SC	1	BEARING, BALL, SEALED, C.E. #305	25-79
MEA-3005BBS	1	FIELD COIL PACKAGE	20-782
	4	Insulation, Coil Backboard	
*	2	Stud, Hex.Hd.	
MJE-1102B	1	HEAD ASSEMBLY, COMM. END	19-450
MEE-1012KS	1	BRUSH SET	17-245
MEE-1264SC	1	PLATE ASSEMBLY, BRUSH	36-1170
MGP-18AS	1	SPRING SET, BRUSH	50-525
*	2	Insulator, Terminal	
*	2	Washer, Plain	
*	1	Terminal Stud & Lead Assembly	
*	1	Terminal Stud & Lead Assembly	
*	4	Nut, Hex. (Brass)	
*	2	Lockwasher	
[PB]	1	HEAD ASSEMBLY, DRIVE END **	[PB]
[PB]	1	BEARING, BALL	[PB]
[PB]	1	SNAP RING	[PB]
[PB]	1	SEAL	[PB]
90-2610	1	POLE SHOE SCREW PACKAGE	90-2610
90-2910	1	TERMINAL STUD PKG. (HDWE.INCL.)	90-2910
X-4236SC	1	WASHER, SPRING, C.E. BEARING	36-847

* Also available in 90-2910 Terminal Stud Package.

** Raymond No. 570-447-01

[PB] Private Brand - not available thru Prestolite.