prestolite®

SERVICE PARTS LIST

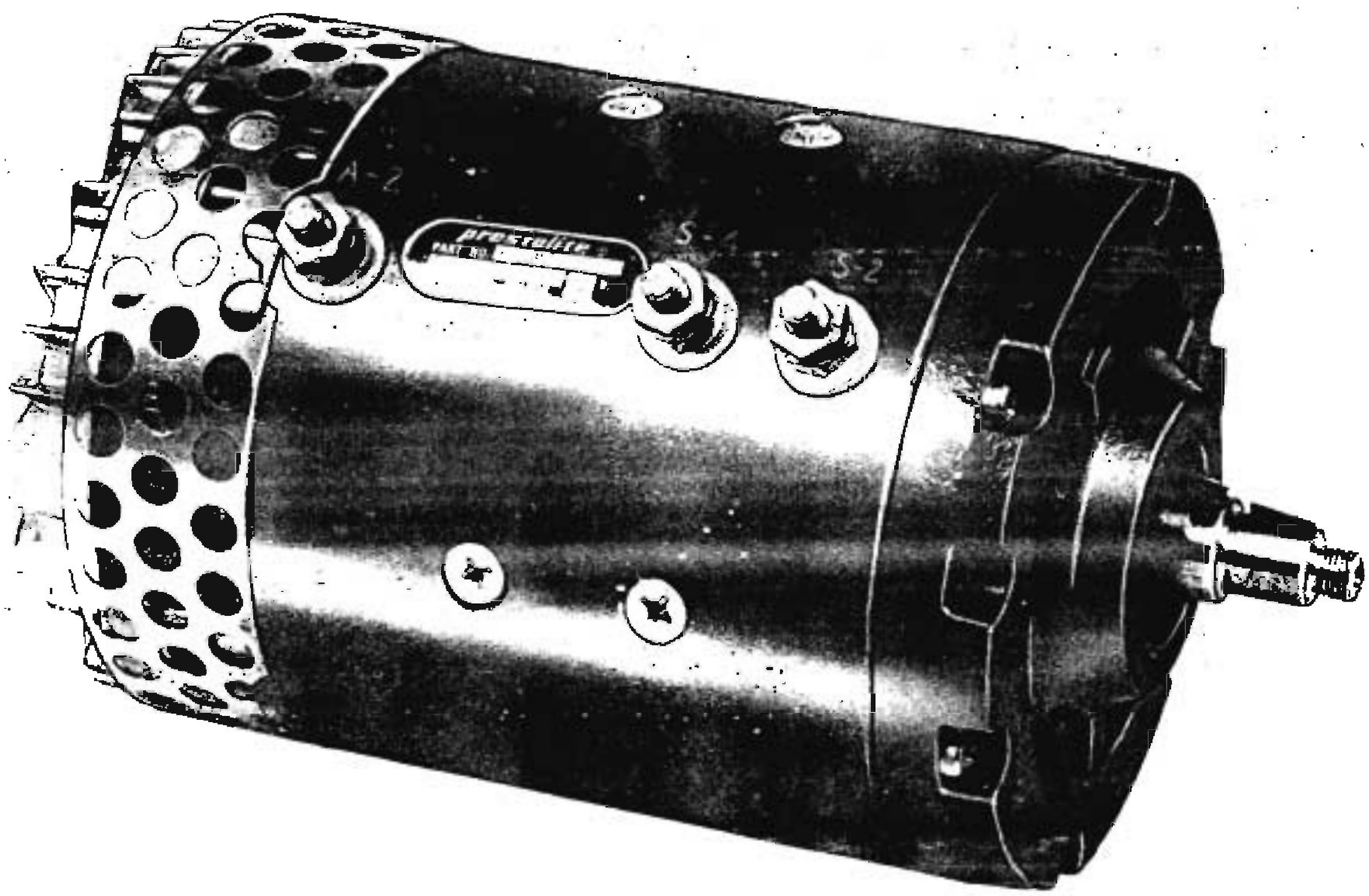
MKA-4000 SERIES

TRACTION MOTORS

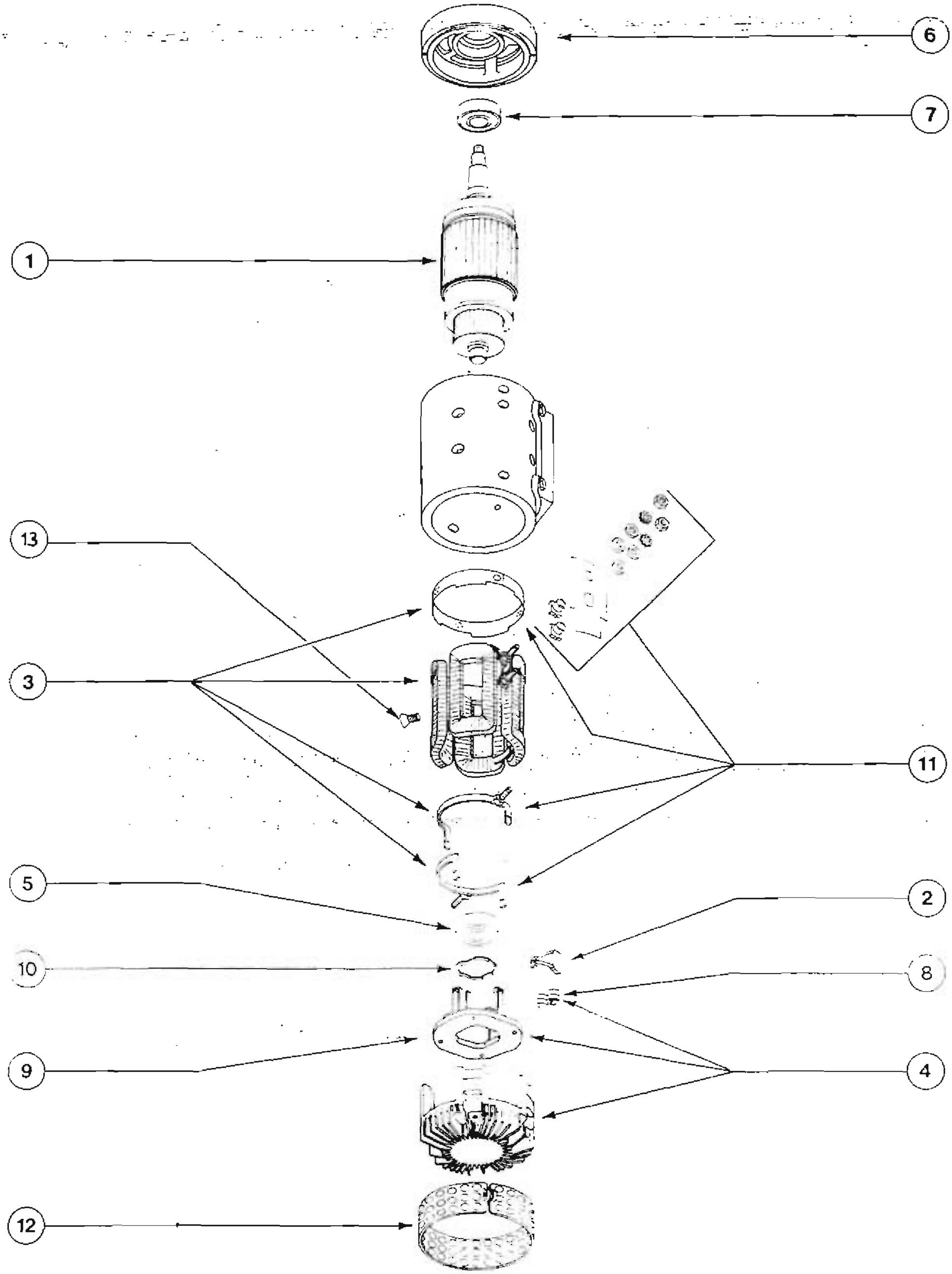
ISSUED: 1-31-83 (Rev.)

ORIG.EQUIP.MOTOR ENG. NUMBER		SERVICE MOTOR ENG. NUMBER	SALES NUMBER	VOLTS: 24 APPLICATION
MKA-4001		- - - -	- - - -	Raymond Corporation
MKA-4002	USE	MKA-4003	46-2311	Schreck Industries
MKA-4003		MKA-4003	46-2311	Schreck Industries
MKA-4004		- - - -	- - - -	Baker #55404
MKA-4005		- - - -	- - - -	Raymond Corp.#570-427/201
MKA-4006		MKA-4006	46-2441	Schreck Industries
MKA-4007		MKA-4007	46-2448	Crown Controls
MKA-4008		MKA-4008	46-2537	Lift Trucks, Inc.

NOTE: SEE TABLE FOR MOTOR BEING SERVICED
WHEN PARTS ARE REQUIRED.



MKA-4000 Series Motor Parts List



Exploded View of Typical MKA Motor

Assembly	Armature (1)	Brush Set (2)	Field Coil Package (3)	Comm. End Head Assembly (4)	C.E. Bearing (5)	Drive End Head (6)	D.E. Bearing (7)
MKA-4001 [PB]	[PB][a]	17-13B (MGF-1012S)	[PB][b]	[PB][c]	25-79 (X-460BSC)	[PB]	25-79 (X-460BSC)
MKA-4002 (46-2189)	16-557 (MKA-2106)	"	20-470[b] (MJA-3005BS)	19-289 (MJA-1302)	"	22-300 (MDV-41FS)	"
MKA-4003 (46-2311)	16-733 (MKA-2156)	17-201 (MEE-1012CS)	20-502[b] (MJA-3005CS)	19-346[d] (MEA-1202S)	"	"	"
MKA-4004 (46-2359)	"	"	"	19-315 (MEA-1202A)	"	"	"
MKA-4005 [PB]	[PB][a]	"	20-563[b] (MJA-1005AS)	[PB][c]	"	[PB][*]	"
MKA-4006 (46-2441)	16-811[a] (MKA-3216)	"	"	19-346[d] (MEA-1202S)	"	22-322[*] (MGE-1123)	25-78 (X-4607SC)
MKA-4007 (46-2448)	16-819[e][f] (MKA-3216A)	17-219 (MEE-1012AS)	"	19-315 (MEA-1202A)	"	"	"
MKA-4008 (46-2537)	"	17-196 (MEE-1012S)	20-713[b] (MJA-1405S)	19-398 (MKA-1002)	"	22-346[*] (MKL-2003A)	25-79 (X-4608SC)

[PB] Private Brand Part - not available thru Prestolite.
[a] Armature & Fan Assembly [PB]. 34-712(PU-707A) Fan is available separately.
[b] 36-1058(MJB-19S) Cable Tie Package(10Pcs.) also available.
[c] 36-983(GBG-63A) Bearing Cover is available.
[d] 36-105(GAL-40C) Bearing Cover included and is also available separately.
[e] Armature &Fan Assembly. 34-712(PU-707A) Fan also available separately.
[f] 36-973 (MKB-32SS) Spline & Pin Package included and also available separately.
[*] Includes Bearing & Retainer

MKA-4000 SERIES

Assembly	Brush Spring Set (8)	Brush Holder Kit (9)	Spring Washer (10)	Terminal Stud Package (11)	Cover Band (12)	Pole Shoe Screw Package (13)	
MKA-4001 [PB]	50-375 (MGP-18S)	90-2710	36-847 (X-4236SC)	90-2468	[g]	[j]	
MKA-4002 (46-2189)	"	"	"	90-2435	36-1003 (H08-18A)	[j]	
MKA-4003 (46-2311)	"	"	"	90-2539	70-47[k] (SP-6102)	[j]	
MKA-4004 (46-2359)	"	"	"	"	"	[j]	
MKA-4005 [P8]	"	"	[NR]	90-2538	[m]	90-2610	
MKA-4006 (46-2441)	"	"	36-847 (X-4236SC)	"	[h]	"	
MKA-4007 (46-2448)	"	"	"	"	[h]	"	
MKA-4008 (46-2537)	"	"	"	90-2543	[n]	"	

[PB] Private Brand Part - not available thru Prestolite.
[g] This is a Ventilated Motor without Cover Bands. For totally enclosed Motor use 70-72(SP-6067) Kit.
[h] 36-1104(H08-1110) C.E. & 36-993 (H08-5) D.E. Cover Bands are available.
[j] Order as follows: For Flat Head Screws 5/16-24x7/8" use 90-2608 Package.
For Hex.Head Screws 5/16-24x1" use 90-2609 Package.
For Hex.Head Thread Forming Screws 5/16-18x1" use 90-2610 Package.
For Flat Head Thread Forming Screws 5/16-18x7/8" use 90-2612 Package.
[k] For tatally enclosed Motor use 70-62 (SP-6099) Enclosing Kit.
[m] This is a Ventilated Motor without Cover Bands. For totally enclosed Motor use 70-63(SP-6132) Kit.
[n] For ventilated Motor use 70-47(SP-6102) C.E. & 36-1115 (HDB-1103G) O.E. Cover Bands.
For totally enclosed Motor use 70-29(SP-6050) Enclosing Kit.

TEMPORARY PARTS LIST

ASSY. NO. MKA-4009

prestolite SALES NO. 46-2645

SERVICE PARTS LIST

PUMP MOTOR

ISSUED 6/5/85 Rev: 1/19/88

Application Crown Control #102960

Service Part No.	No. Used	Part Description	Prestolite Sales No.
MKA-3216B	1	ARMATURE & FAN ASSEMBLY	16-1036
PU-707ASC	1	FAN	34-712
MKB-32SS	1	SPLINE & PIN PACKAGE	36-973
X-4614SC	1	BEARING, BALL, SEALED,C.E. #205	25-84
HDB-135S	1	COVER PLATE PKG , C.E. HEAD	36-1171
MJA-3005ES	1	FIELD COIL PACKAGE	20-776
*	1	Stud, Hex.Hd. 3/8-16x1-5/8"	
MEA-1302	1	HEAD ASSEMBLY, COMM. END	19-412
MEE-1012KS	1	BRUSH SET,SERVICE	17-245
MEE-1264SC	I	PLATE ASSEMBLY,BRUSH	36-1170
MGP-18AS	1	SPRING SET, BRUSH	50-525
*	1	Washer, Plain	
*	1	Insulator, Terminal Stud	
*	1	Lead Assembly	
*	1	Terminal Stud & Lead Assembly	
*	2	Nut, Hex.	
*	1	Lockwasher	
MGE-1133	1	HEAD ASSEMBLY, DRIVE END	22-359
X-4607SC	1	BEARING, BALL, SEALED #206	25-78
	1	Retainer (Truarc #N5002-244)	
90-2610	1	POLE SHOE SCREW PACKAGE	90-2610
90-2857	1	TERMINAL STUD & LEAD PKG. (HDWE.INCL.)	90-2857
X-4499SC	1	WASHER, SPRING, C.E. BEARING	36-912

* Also serviced in 90-2857 Package.

prestolite®

SERVICE PARTS LIST

ASSY. NO. MKA-4010

SALES NO. [PB]

PUMP MOTOR

ISSUED 10-17-85

Application Hyster Co. #349151 "Private Brand"

Service Part No.	No. Used	Part Description	Prestolite Sales No.
[PB]	1	ARMATURE & FAN ASSEMBLY	[PB]
PU-707ASC	1	FAN	34-712
X-4614SC	1	BEARING,BALL,SEALED,C.E.#205	25-84
HDB-135S	1	COVER PLATE PACKAGE,C.E.HEAD	36-1171
[PB]	1	FIELD COIL PACKAGE	[PB]
*	1	Stud,Hex.Hd.	
[PB]	1	HEAD ASSEMBLY,COMM.END	[PB]
MEE-1012KS	1	BRUSH SET,SERVICE	17-245
MEE-1264	1	PLATE ASSEMBLY,BRUSH	36-1170
MGP-18S	1	SPRING SET,BRUSH	50-375
*	1	Insulator,Terminal	
*	1	Lead Assembly	
*	1	Terminal Stud & Lead Assembly	
*	2	Nut,Hex.	
*	1	Lockwasher	
*	1	Washer,Plain	
[PB]	1	HEAD ASSEMBLY,DRIVE END	[PB]
X-4608SC	1	BEARING,BALL,SEALED,#305	25-79
	1	Retainer(Kohinoor #N5002-244)	
90-2610	1	POLE SHOE SCREW PACKAGE	90-2610
[PB]	1	TERMINAL STUD & LEAD PKG.(HDWE.INCL.)	[PB]
X-4499	1	WASHER,SPRING,C.E.BEARING	36-912

* Also serviced in Terminal Stud Package.

[PB] Private Brand Part - not available thru Prestolite.

Printed in U.S.A.

File in the
OE-92 PARTS BINDER

MOTOR SECTION