prestolite®

SERVICE PARTS LIST

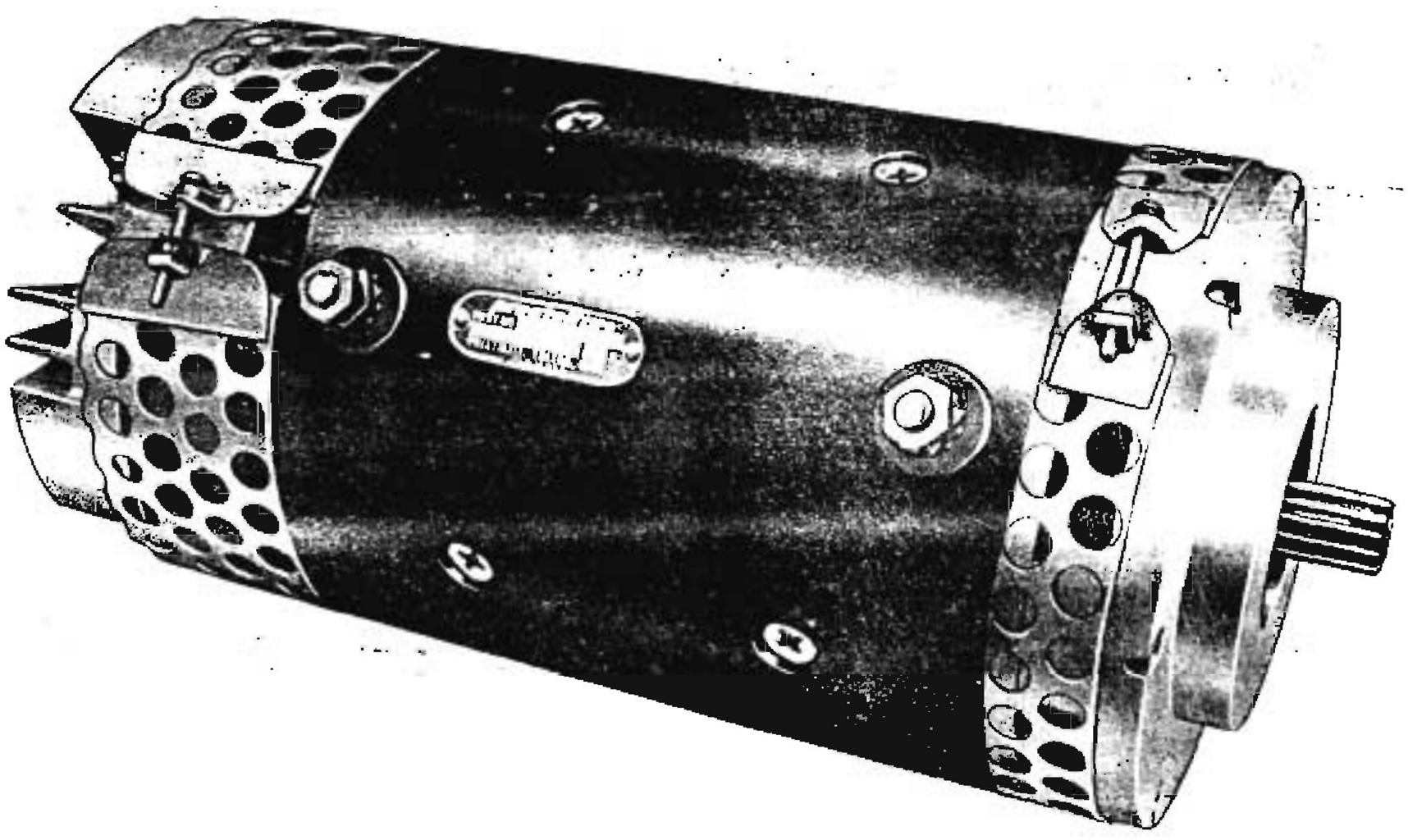
MJQ SERIES

TRACTION MOTORS

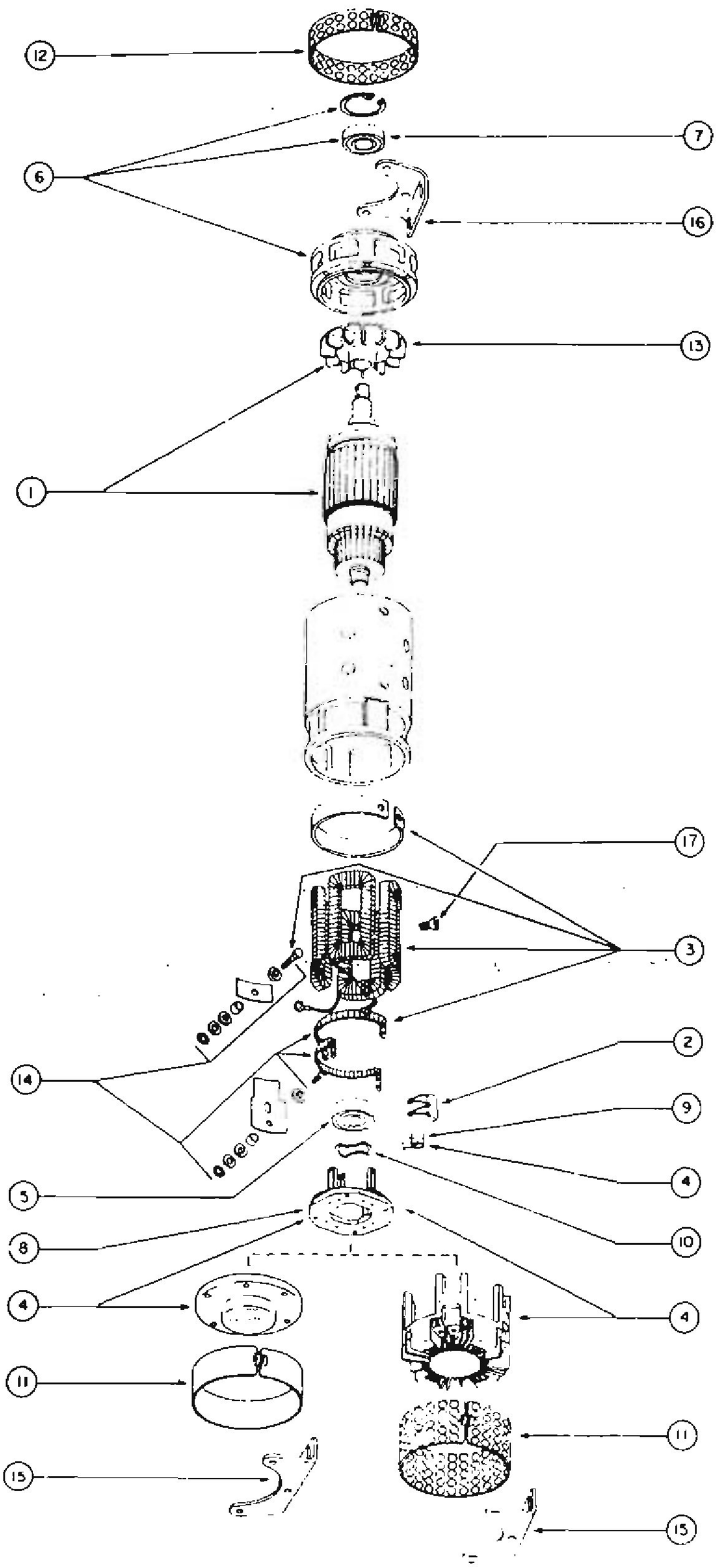
ISSUED: 9-25-79 (Rev.)

ORIG. EQUIP. MOTOR ENG. NUMBER		SERVICE MOTOR ENG. NUMBER	SALES NUMBER	VOLTS: 36 APPLICATION
MJQ-4001	USE	MJQ-4004	46-2248	North American Mfg. Co.
MJQ-4001A	USE	MJQ-4004	46-2248	North American Mfg. Co.
MJQ-4002		- - - -	- - -	Raymond Corp.
MJQ-4004		MJQ-4004	46-2248	North American Mfg. Co.
MJQ-4005		MJQ-4005	46-2258	North American Mfg. Co.
MJQ-4006		MJQ-4006	46-2408	C. H. Waterman Industries
MJQ-4007		----	----	Raymond Corp. #570-433
MJQ-4008		MJQ-4008	46-2431	North American Mfg. Co.
MJQ-4009		MJQ-4009	46-2486	Crown Controls

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



MJQ Series Motor Parts List



Exploded View of Typical MJQ Motor

Assembly	Armature & Fan Assembly (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)
MJQ-4001 (46-925)	16-408 (MJP-3106)	17-227 (MCP-2012KS)	20-379[a] (MJQ-3005S)	19-222 (MGK-1102)	25-79 (X-4608)	22-327 (MGR-1203)	25-79 (X-4608)
MJQ-4001A (46-943)	"	"	"	"	"	22-328 (MGR-12030)	"
MJQ-4002 [PB]	[PB]	"	20-553[a] (MJQ-3005AS)	"	"	22-329 (MGR-1203B)	"
MJQ-4004 (46-224B)	16-408 (MJP-3106)	"	20-487[a] (MJQ-3005BS)	19-300 (MJU-1302)	"	22-32B (MGR-1203D)	"
MJQ-4005 (46-2258)	16-584 (MJP-2116S)	"	20-487[a] (MJQ-3005BS)	"	"	22-256 (MJQ-1003)	"
MJQ-4006 (46-2408)	16-813 (MJP-3206A)	"	20-553[a] (MJQ-3005AS)	"	"	22-329 (MGR-1203B)	"
MJQ-4007 [PB]	[PB]	"	"	[PB]	"	[PB]	"
MJQ-4008 (46-2431)	16-802 (MJP-3136)	"	20-487[a] (MJQ-3005BS)	19-349[b][**] (MJU-1002M)	25-79[**] (X-4608)	22-303[c] (MJQ-103)	[NR]
MJQ-4009 (46-2486)	16-822[*] (MJP-2156)	17-216 (MTO-1012S)	20-553[a] (MJQ-3005AS)	19-358[b] (MTO-1002)	25-79 (X-4608)	22-315[c] (MTO-3)	[NR]

[PB] Private Brand Part - not available thru Prestolite
[*] Armature only.
[a] 36-1058(MJB-19S) Cable Tie Package(10Pcs.) is also available.
[b] Includes Bearing & Retainer.
[c] Bearing not included.
[NR] Not required.
[**] 35-578(GJT-47) C.E. Bearing Cover also available.

MJQ SERIES

Assembly	Brush Holder Kit (8)	Brush Spring Kit (9)	C.E. Spring Washer (10)	C.E. Cover Band (11)	D.E. Cover Band (12)	Fan (13)	Terminal Stud Package (14)
MJQ-4001 (46-925)	90-2494	50-375 (MGP-18S)	[NR]	36-1094[d] (HDB-1098)	36-1024[d] (HDB-16S)	34-712 (PU-707A)	90-2516
MJQ-4001A (46-943)	"	"	[NR]	36-996[d] (HDB-13S)	"	"	"
MJQ-4002 [PB]	"	"	36-847 (X-4236)	[e]	[e]	"	90-2453
MJQ-4004 (46-2248)	"	"	"	36-1094[f] (HDB-1098)	36-1024[f] (HDB-16S)	"	90-2512
MJQ-4005 (46-2258)	"	"	"	36-1094 (HDB-1098)	36-1040 (HDB-19)	"	"
MJQ-4006 (46-2408)	"	"	"	36-1094[f] (HDB-1098)	36-1024[f] (HDB-16S)	"	90-2453
MJQ-4007 [PB]	"	"	"	[PB]	[PB]	"	"
MJQ-4008 (46-2431)	"	"	90-2633	36-1094[g] (HDB-1098)	36-1040[g] (HDB-19)	"	90-2512
MJQ-4009 (46-2486)	"	"	[NR]	36-1094[h] (HDB-1098)	[NR]	[NR]	90-2453

[PB] Private Brand Part - not available thru Prestolite.
[d] This is a Ventilated Band; for totally Enclosed Motor use 70-3(SP-6034) Enclosing Kit.
[e] This is a Ventilated Motor without Bands; for totally Enclosed Motor use 70-28(SP-6066) Enclosing Kit.
[f] This is a Ventilated Band; for totally enclosed Motor use 70-27(SP-6069) Enclosing Kit.
[g] This is a Ventilated Band; for totally enclosed Motor use 70-39(SP-607D) Enclosing Kit.
[h] This is a Ventilated Band; for totally enclosed Motor use 70-38(SP-6103) Enclosing Kit.
[NR] Not required.

Assembly	C.E. Mounting Bracket (15)	D.E. Mounting Bracket (16)	Pole Shoe Screw Package (17)
MJQ-4001 (46-925)	36-819 (MGP-36)	36-392 (MFH-56)	[j]
MJQ-4001A (46-943)	[NR]	[NR]	[j]
MJQ-4002 [PB]	[NR]	[NR]	[j]
MJQ-4004 (46-2248)	[NR]	[NR]	[j]
MJQ-4005 (46-2258)	[NR]	[NR]	[j]
MJQ-4006 (46-2408)	[NR]	[NR]	90-2610
MJQ-4007 [PB]	[NR]	[NR]	90-2612
MJQ-4008 (46-2431)	[NR]	[NR]	90-2610
MJQ-4009 (46-2486)	[NR]	[NR]	90-2612

[PB] Private Brand Part- not available thru Prestolite.
[NR] Not required.
[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 Screws Thread Rolling 5/16-18x1" use 90-2610 Package.
For Flat Head Screws Thread Rolling 5/16-18x7/8" use 90-2612 Package.

TEMPORARY PARTS LIST

ASSY. NO. MJQ-4010

SALES NO.

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SERVICE PARTS LIST

TRACTION MOTOR

ISSUED 6/4/80 Rev: 4/2/87

Application Crown Control #87875

Service Part No.	No. Used	Part Description	Prestolite Sales No.
MJP-2146	1	ARMATURE	16-975
MTD-32S	1	SPLINE & PIN PACKAGE	36-1192
HDB-1098SC	1	BAND, COVER	36-1094
MTD-1012S	1	BRUSH SET, SERVICE	17-216
MJB-19S	1	CABLE TIE PKG. CONNECTOR (10PCS.)	36-1058
MNC-19S	1	CABLE TIE PKG. CONN.TO FRAME(5PCS.)	36-1057
MJQ-3005AS	1	FIELD COIL PACKAGE	20-553
*	1	Connector & Stud Assembly	
*	1	Connector & Stud Assembly	
*	1	Insulation, Field Connection	
*	1	Stud, Hex.Hd. 3/8-16x1-5/8"	
MTE-1102	1	HEAD ASSEMBLY, COMM. END	19-434
MGP-18S	1	SPRING SET,BRUSH	50-375
X-4608SC	1	BEARING, BALL, SEALED	25-79
	1	Retainer (Truarc #N5002-244)	
90-2494	1	BRUSH HOLDER KIT	90-2494
MTD-3	1	HEAD, DRIVE END	22-315
90-2612	1	POLE SHOE SCREW PACKAGE	90-2612
90-2453+	1	TERMINAL STUD PKG. (HDWE.INCL.)	90-2453

* Also serviced in 90-2453 Package.

+ Contains additional parts to service other applications.

Note: This is a ventilated motor; for totally enclosed motor use SP-6103 (70-38)enclosing kit.

TEMPORARY PARTS LIST

ASSY. NO. MJQ-4011

SALES NO. 46-2527

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SERVICE PARTS LIST

TRACTION MOTOR

ISSUED 2-12-81 Rev.: 5-27-83

Application Lektro Inc.

Service Part No.	No. Used	Part Description	Prestolite Sales No.
MJP-3166	1	ARMATURE & FAN ASSEMBLY	16-860
PU-707ASC	1	FAN	34-712
HDB-1098SC	1	BAND,COVER	36-1094
X-4608SC	1	BEARING,BALL,SEALED,C.E.	25-79
MFH-56A	1	BRACKET,MOUNTING,C.E.	36-984
MFH-56 —	1	BRACKET,MOUNTING,D.E.	36-392
MCP-2012KS	1	BRUSH SET,SERVICE	17-227
MJB-19S	1	CABLE TIE PACKAGE(10PCS.)	36-1058
MJQ-3005BS	1	FIELD COIL PACKAGE	20-487
*	1	Connector & Stud Assembly	
*	1	Insulation,Field Connection	
*	1	Connector & Stud Assembly	
*	2	Stud,Hex.Hd.,3/8-16x1 5/8	
MJU-1132	1	HEAD ASSEMBLY,COMM.END	19-390
MGP-18SS	1	SPRING SET,BRUSH	50-368
90-2494	1	BRUSH HOLDER KIT	90-2494
MGR-1203D	1	HEAD ASSEMBLY,DRIVE END	22-328
X-4608SC	1	BEARING,BALL,SEALED	25-79
	1	Retainer(Truarc#N5002-244)	
90-2610	1	POLE SHOE SCREW PACKAGE	90-2610
90-2512 +	1	TERMINAL STUD PKG.(HDWE.INCL.)	90-2512
X-4236SC	1	WASHER,SPRING,C.E.BEARING	36-847

* Also serviced in 90-2512 Package.

+ Contains additional parts to service other applications.

Note:This is a ventilated Motor; for totally enclosed Motor use SP-6069 (70-27).