prestolite®

SERVICE PARTS LIST

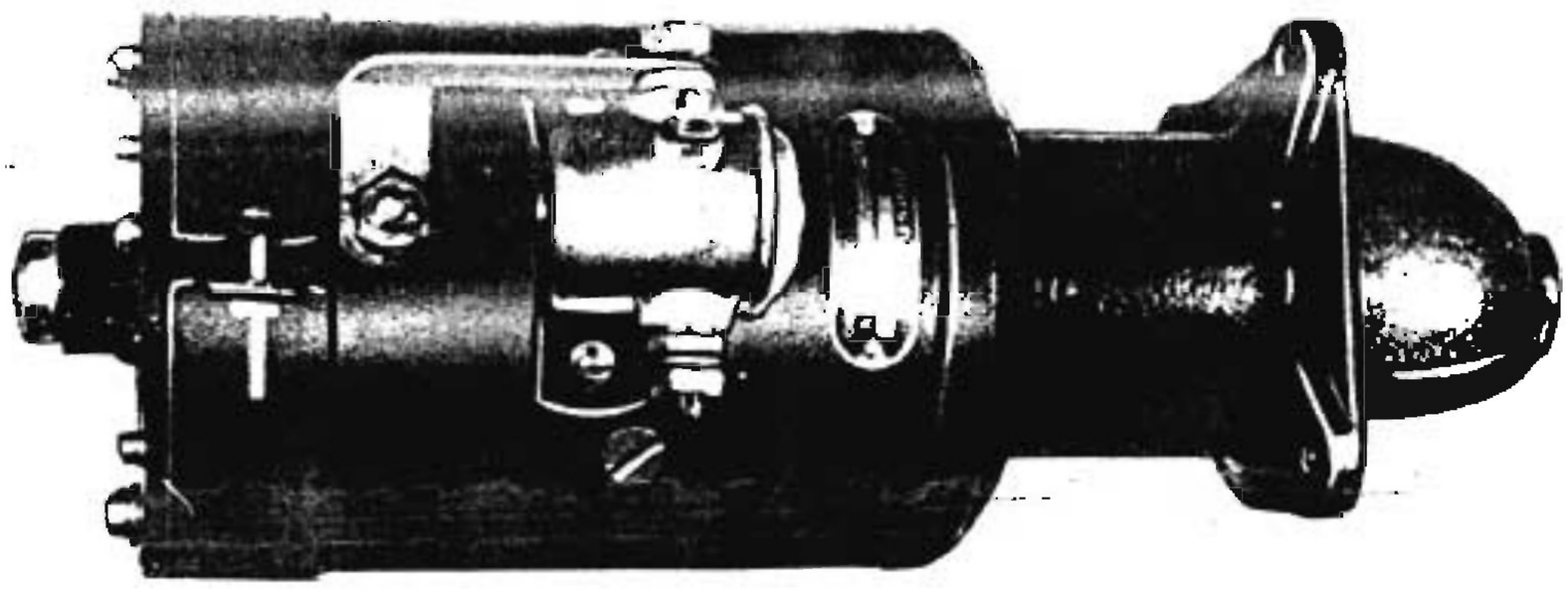
ML-4159 TO 4330

MOTORS

ISSUED: 10-8-73(Rev.)

ORIG.EQUIP.MOTOR ENG. NUMBER		SERVICE MOTOR ENG. NUMBER	SALES NUMBER	VOLTS-6-12 APPLICATION
ML-4159	USE	ML-4370	46-358	Ajax Iron Works,Lufkin Foundry
ML-4218		ML-4218	- - -	Continental
ML-4301		ML-4301	46-143	Brockway,Clark Eq.,Continental
ML-4303		ML-4303	46-144	Brockway,Cullen-Friestedt
ML-4305		ML-4305	46-317	Continental
ML-4308		ML-4308	46-303	Allis-Chalmers
ML-4310		ML-4310	46-756	Allis-Chalmers
ML-4312		ML-4312	46-476	Duplex Truck,Harnischfeger
ML-4316		ML-4316	46-315	Continental,Towmotor
ML-4316A		ML-4316A	- - -	Towmotor#B-26104
ML-4318		ML-4318	46-145	Continental,Hercules
ML-4319		ML-4319	46-513	Duplex Truck,Hercules
ML-4320M		ML-4320M	- - -	Gray Marine
ML-4322	USE	ML-4350	46-148	Nordberg,Ward LaFrance
ML-4327		ML-4327	46-438	Peter Pirsch
ML-4329		ML-4329	46-146	J.I.Case
ML-4330		ML-4330	46-473	Buda

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

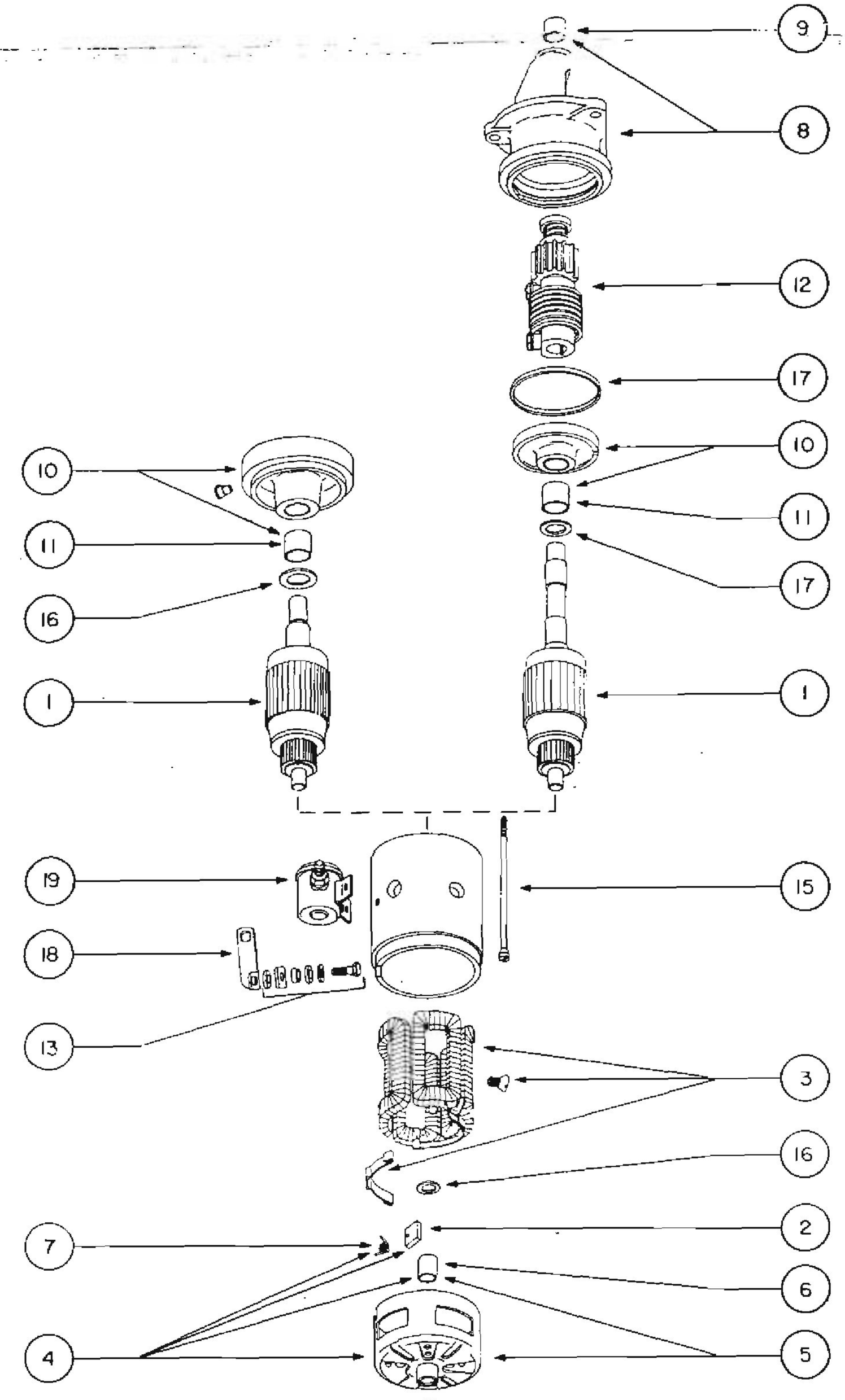


Printed in U.S.A.

File in the
OE-92 PARTS BINDER

MOTOR SECTION

ML-4159 to 4330 Motor Parts List



Exploded View of Typical ML Motor

Assembly	Armature (1)	Brush Set (2)	Field Coil Package (3)	Comm.End Head Assembly (4)	Partial C.E.Head Assembly (5)	C.E. Bearing (6)	Brush Spring Set (7)
ML-4159 (46-359)	16-241 (ML-2037)	17-28 (MH-1054S)	20-34 (ML-3005S)	19-80 (ML-3090AS)	19-196 (MR-100S)	24-15 (MAL-40A)	50-317 (MG-73S)
ML-4218 - - - -	16-36 (ML-2085)	"	"	19-23 (ML-2090S)	"	"	50-293 (MG-74S)
ML-4301 (46-143)	16-37 (ML-2115)	17-31 (ML-2012GS)	"	19-21 (ML-2002CS)	- - - -	- - - -	50-263 (MZ-19S)
ML-4303 (46-144)	16-35 (ML-2035A)	"	"	"	- - - -	- - - -	"
ML-4305 (46-317)	"	"	"	"	- - - -	- - - -	"
ML-4308 (46-303)	16-172 (ML-2126)	"	"	"	- - - -	- - - -	"
ML-4310 (46-756)	16-35 (ML-2035A)	"	"	"	- - - -	- - - -	"
ML-4312 (46-476)	"	"	"	"	- - - -	- - - -	"
ML-4316 (46-315)	16-172 (ML-2126)	"	"	"	- - - -	- - - -	"
ML-4316A - - - -	"	"	"	"	- - - -	- - - -	"
ML-4318 (46-145)	16-35 (ML-2035A)	"	"	"	- - - -	- - - -	"
ML-4319 (46-513)	16-36 (ML-2085)	"	"	"	- - - -	- - - -	"
ML-4320M - - - -	- - - - (ML-2085M)	"	"	19-127 (ML-2002DS)	- - - -	- - - -	50-279 (MZ-19AS)
ML-4322 (46-398)	16-36 (ML-2085)	"	"	19-21 (ML-2002CS)	- - - -	- - - -	50-263 (MZ-19S)
ML-4327 (46-438)	"	"	"	"	- - - -	- - - -	"
ML-4329 (46-146)	16-35 (ML-2035A)	"	"	"	- - - -	- - - -	"
ML-4330	"	"	"	"	- - - -	- - - -	"

ML-4159 TO 4330 MOTOR PARTS LIST

Assembly	D.E.Head or Pin.Hsg. (8)	D.E. Bearing (9)	Intermed. Bearing Assembly (10)	Intermed. Bearing (11)	Bendix Drive (12)	Term. Stud Package (13)	Cover Band (14)
ML-4159 (46-359)	- - - -	- - - -	36-481[a] (MH-10340)	24-21 (ML-21A)	- - - -	90-357	36-566 (GX-1024J)
ML-4218 - - - -	21-282 (PS-1081B)	24-48 (ML-18)	36-293 (ML-1094)	"	59-135 (EBB-82)	"	36-727 (GX-1024F)
ML-4301 (46-143)	21-13 (PS-1231)	24-22 (MZ-46A)	36-12 (ML-2027A)	- - - -	59-40 (EBB-42)	90-744	35-190 (GCE-24)
ML-4303 (46-144)	21-15 (PS-1237)	24-23 (MG-77A)	"	- - - -	59-11 (EBA-2)	"	"
ML-4305 (46-317)	21-258 (PS-1078)	"	"	- - - -	"	"	"
ML-4308 (46-303)	21-199 (PS-1258)	24-20 (ML-18A)	36-293 (ML-1094)	24-21 (ML-21A)	59-79 (EBB-117)	"	"
ML-4310 (46-356)	21-281 (PS-1050)	24-23 (ML-77A)	36-12 (ML-2027A)	- - - -	59-16 (EBB-86)	"	36-580 (GCE-1024J)
ML-4312 (46-376)	21-2 (PS-1050A)	"	"	- - - -	59-11 (EBA-2)	"	35-190 (GCE-24)
ML-4316 (46-314)	21-236 (PS-1272A)	24-20 (ML-18A)	36-293 (ML-1094)	24-21 (ML-21A)	59-30 (EBB-118)	"	"
ML-4316A - - - -	"	"	"	"	"	"	"
ML-4318 (46-145)	21-142 (PS-1060)	24-23 (MG-77A)	36-12 (ML-2027A)	- - - -	59-11 (EBA-2)	"	"
ML-4319 (46-513)	21-266 (PS-1286)	24-20 (ML-18A)	"	- - - -	59-8 (EBB-116)	"	"
ML-4320M - - - -	- - - - (PS-1284)	"	36-457 (ML-2027D)	- - - -	59-16S (EBB-116A)	"	- - - - (GCE-1024F)
ML-4322 (46-398)	21-252 (PS-1081E)	"	36-12 (ML-2027A)	- - - -	59-8 (EBB-116)	"	35-190 (GCE-24)
ML-4327 (46-438)	"	"	"	- - - -	"	"	"
ML-4328 (46-426)	21-36 (PS-1295)	24-23 (MG-77A)	36-296 (ML-2135)	24-26[b] (ML-92A)	59-11 (EBA-2)	"	36-580 (GCE-1024J)
ML-4330	21-2		36-12	- - - -	59-16	"	35-190

[a] (MH-10340) Oiler is also available.

[b] (ML-92A) Intermediate Bearing Gasket is also available.

Assembly	Thru Bolt Package (15)	Thrust Washer Package (16)	Ring & Washer Package (17)	Connector (18)	Switch (19)
ML-4159 (46-359)	36-556 (MI-205)	90-672	- - - -	- - - -	- - - -
ML-4218 - - - -	"	- - - -	90-655	26-211 (SS-111R)	15-134 (SAS-4203)
ML-4301 (46-143)	"	90-672	- - - -	- - - -	- - - -
ML-4303 (46-144)	"	"	- - - -	- - - -	- - - -
ML-4305 (46-317)	"	"	- - - -	- - - -	- - - -
ML-4308 (46-303)	"	- - - -	90-655	36-555 (MBR-40)	15-134 (SAS-4203)
ML-4310 (46-756)	"	90-672	- - - -	26-202 (MBR-40L)	15-129 (SAW-4601)
ML-4312 (46-476)	"	"	- - - -	36-555 (MBR-40)	"
ML-4316 (46-315)	"	- - - -	90-655	- - - -	- - - -
ML-4316A - - - -	"	- - - -	"	- - - -	- - - -
ML-4318 (46-145)	"	90-672	- - - -	- - - -	- - - -
ML-4319 (46-513)	"	"	- - - -	36-555 (MBR-40)	15-134 (SAS-4203)
ML-4320M - - - -	"	"	- - - -	"	15-207 (SAS-4203M)
ML-4322 (46-398)	"	"	- - - -	26-202 (MBR-40L)	15-134 (SAS-4203)
ML-4327 (46-438)	"	"	- - - -	- - - -	- - - -
ML-4329 (46-146)	"	90-969	- - - -	- - - -	- - - -
ML-4330 (46-473)	"	90-672	- - - -	- - - -	- - - -

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SERVICE PARTS LIST

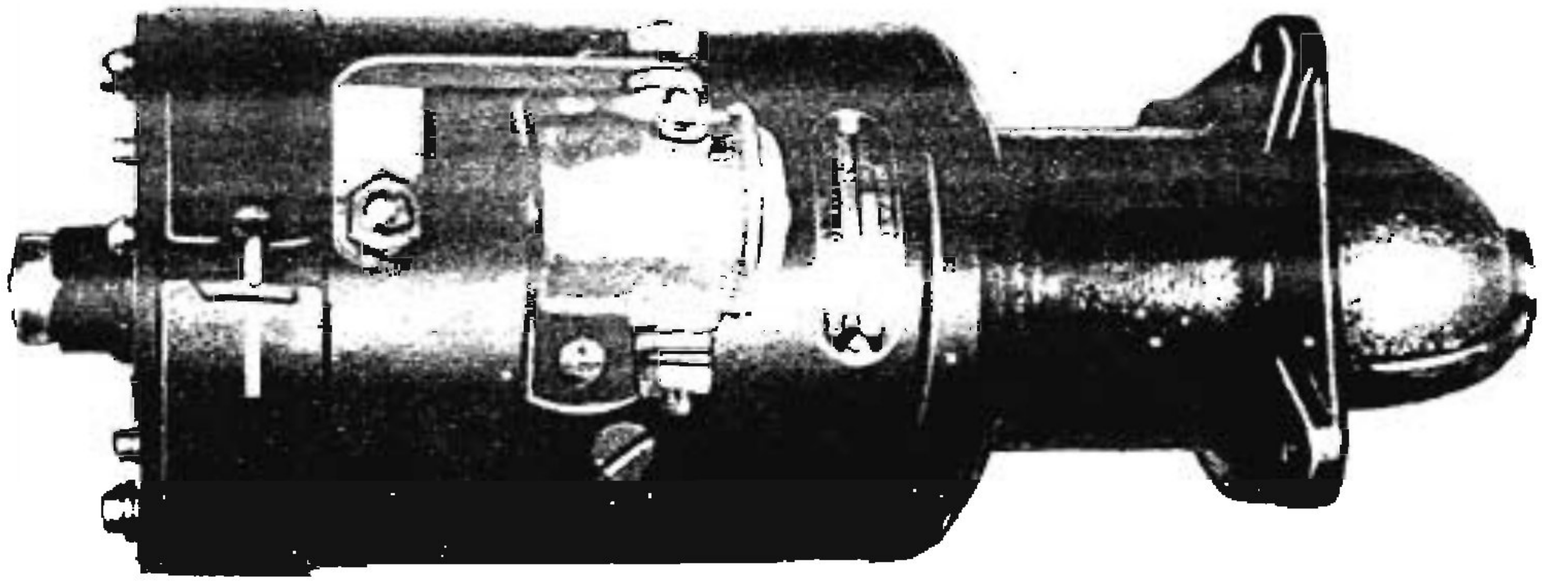
ML-4342 to 4368

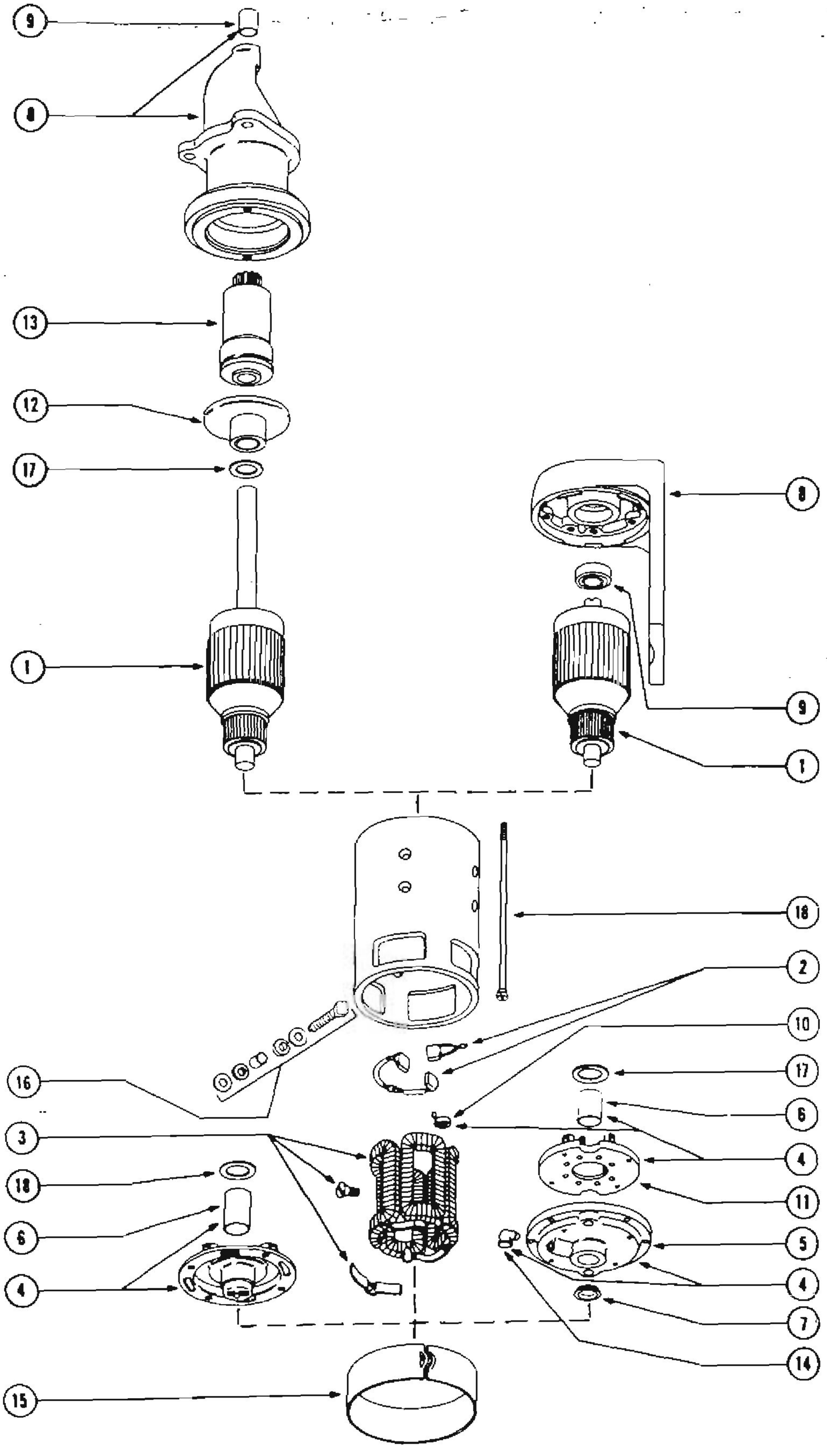
MOTORS

ISSUED: 11-13-84 (Rev.)

ORIG.EQUIP.MOTOR ENG. NUMBER		SERVICE MOTOR ENG. NUMBER	SALES NUMBER	VOLTS: 12 APPLICATION
ML-4342	USE	ML-4342A	46-147	Eaton Corporation
ML-4342A		ML-4342A	46-147	J.S.Barnes
ML-4348		ML-4348	46-316	Continental,Kohler Co.
ML-4349		ML-4349	46-541	Santa Anita,Skidmore
ML-4350		ML-4350	46-148	Peter Pirsch
ML-4355	USE	ML-5006	46-2610	Leyman Mfg.,Raymond
ML-4357		ML-4357	46-543	Lift Trucks,Skidmore
ML-4358		ML-4358	46-149	Ford Motor Co.
ML-4359		ML-4359	46-542	Gregory
ML-4359A		ML-4359A	46-188	Gregory
ML-4361	USE	ML-4361A	46-2243	J.S.Barnes,Parker Hannifin
ML-4361A		ML-4361A	46-2243	Parker Hannifin
ML-4362		ML-4362	46-347	Teledyne Wisconsin
ML-4364		ML-4364	46-900	Lee Engineering
ML-4368	USE	ML-5007	46-2611	Webster Electric

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





Exploded View of Typical ML Motor

SHEET #2 ISSUED: 11-13-84 (Rev.)

Assembly	Armature (1)	Brush Set (2)	Field Coil Package (3)	Comm. End Head Assembly (4)	C.E. Head Sub Assembly (5)	C.E. Bearing (6)	C.E. Bearing Cover (7)
ML-4342 [PB]	16-920[a] (ML-2133FS)	17-35 (ML-2012DS)	20-590 (ML-1005KSS)	19-79 (ML-2156)	36-376 (ML-1156)	24-15 (MAL-40A)	36-105 (GAL-40CSC)
ML-4342A (46-147)	"	"	"	"	"	"	"
ML-4348 (46-316)	16-37 (ML-2115)	17-31 (ML-2012GS)	20-589 (ML-1005PSS)	19-21 (ML-2002CS)	[NR]	"	[NR]
ML-4349 (46-541)	16-920[a] (ML-2133FS)	17-81 (ML-2012AS)	"	19-78 (ML-2002ES)	[NR]	"	[NR]
ML-4350 (46-148)	16-37 (ML-2115)	17-31 (ML-2012GS)	"	19-21 (ML-2002CS)	[NR]	"	[NR]
ML-4355 (46-411)	16-920[a] (ML-2133FS)	17-35 (ML-2012DS)	20-590 (ML-1005KSS)	19-79 (ML-2156)	36-376 (ML-1156)	"	36-105 (GAL-40CSC)
ML-4357 (46-543)	"	"	"	19-116 (ML-2156A)	"	"	"
ML-4358 (46-149)	16-926 (ML-2115B)	17-31 (ML-2012GS)	20-589 (ML-1005PSS)	19-21 (ML-2002CS)	[NR]	"	[NR]
ML-4359 (46-542)	16-925 (ML-2133J)	17-35 (ML-2012DS)	20-590 (ML-1005KSS)	19-79 (ML-2156)	36-376 (ML-1156)	"	36-105 (GAL-40CSC)
ML-4359A (46-188)	"	"	"	"	"	"	"
ML-4361 (46-544)	16-920[a] (ML-2133FS)	17-81 (ML-2012AS)	20-589 (ML-1005PSS)	19-42 (ML-3002CS)	[NR]	"	[NR]
ML-4361A (46-2243)	"	"	"	"	[NR]	"	[NR]
ML-4362 (46-347)	16-37 (ML-2115)	17-31 (ML-2012GS)	"	19-21 (ML-2002CS)	[NR]	"	[NR]
ML-4364 (46-900)	16-925 (ML-2133J)	17-35 (ML-2012DS)	20-590 (ML-1005KSS)	19-116 (ML-2156A)	36-376 (ML-1156)	"	36-105 (GAL-40CSC)
ML-4368 (46-336)	16-920[a] (ML-2133FS)	"	"	19-79 (ML-2156)	"	"	"

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

[a] Includes D.E.Bearing.

[NR] Not required.

File in the

ML-4342 to 4368

Assembly	D.E.Head or Pinion Housing (8)	D.E. Bearing (9)	Brush Spring Set (10)	Brush Plate Assembly (11)	Intermed. Bearing Assembly (12)	Bendix Drive (13)	Oiler (14)
ML-4342 [PB]	22-81 (ML-132A)	90-2368	50-263 (MZ-195)	36-1153 (ML-1154F)	[NR]	[NR]	36-103A (29X-3172)
ML-4342A (46-147)	"	"	"	"	[NR]	[NR]	"
ML-4348 (46-316)	21-237 (PS-1243A)	24-22 (MZ-46A)	"	[NR]	36-12 (ML-2027A)	59-40 (EBB-42)	[NR]
ML-4349 (46-541)	22-33 (ML-149)	90-2368	"	[NR]	[NR]	[NR]	[NR]
ML-4350 (46-148)	21-13 (PS-1231)	24-22 (MZ-46A)	"	[NR]	36-12 (ML-2027A)	59-48 (EBB-81)	[NR]
ML-4355 (46-411)	22-34 (ML-160)	90-2368	"	36-1153 (ML-1154F)	[NR]	[NR]	36-103A (29X-3172)
ML-4357 (46-543)	22-75 (ML-160A)	"	"	"	[NR]	[NR]	"
ML-4358 (46-149)	21-185 (PS-1344)	24-22 (MZ-46A)	"	[NR]	36-12 (ML-2027A)	59-256 (EBB-168)	[NR]
ML-4359 (46-542)	[NR]	[NR]	"	36-1153 (ML-1154F)	[NR]	[NR]	36-103A (29X-3172)
ML-4359A (46-188)	[NR]	[NR]	"	"	[NR]	[NR]	"
ML-4361 (46-544)	22-33 (ML-149)	90-2368	"	[NR]	[NR]	[NR]	[NR]
ML-4361A (46-2243)	"	"	"	[NR]	[NR]	[NR]	[NR]
ML-4362 (46-347)	21-242 (PS-1243D)	24-22 (MZ-46A)	"	[NR]	36-12 (ML-2027A)	59-48 (EBB-81)	[NR]
ML-4364 (46-900)	[NR]	[NR]	"	36-1153 (ML-1154F)	[NR]	[NR]	36-103A (29X-3172)
ML-4368 (46-336)	22-33 (ML-149)	90-2368	"	"	[NR]	[NR]	"

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

[NR] Not required.

Assembly	Cover Band (15)	Terminal Stud Package (16)	Thrust Washer Package (17)	Thru Bolt Package (18)
ML-4342 [PB]	36-295 (ML-1158)	90-2421	90-496	36-562 (SB-42S)
ML-4342A (46-147)	"	"	"	"
ML-4348 (46-316)	35-190 (GCE-24)	90-744	90-261	36-556 (MH-20S)
ML-4349 (46-541)	36-580 (GCE-1024J)	"	90-496	"
ML-4350 (46-148)	35-190 (GCE-24)	"	90-672	"
ML-4355 (46-411)	36-1167 (HDB-1191)	90-2421	90-496	36-578 (OK-23CS)
ML-4357 (46-543)	"	"	"	"
ML-4358 (46-149)	35-190 (GCE-24)	90-744	90-261	36-556 (MH-20S)
ML-4359 (46-542)	36-1167 (HDB-1191)	90-2421	90-496	36-562 (SB-42S)
ML-4359A (46-188)	"	"	"	"
ML-4361 (46-544)	35-190 (GCE-24)	90-744	"	36-556 (MH-20S)
ML-4361A (46-2243)	"	"	"	"
ML-4362 (46-347)	"	"	90-261	"
ML-4364 (46-900)	36-1167 (HDB-1191)	90-2421	90-496	36-578 (OK-23CS)
ML-4368 (46-336)	"	"	"	36-562 (SB-42S)

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

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SERVICE PARTS LIST

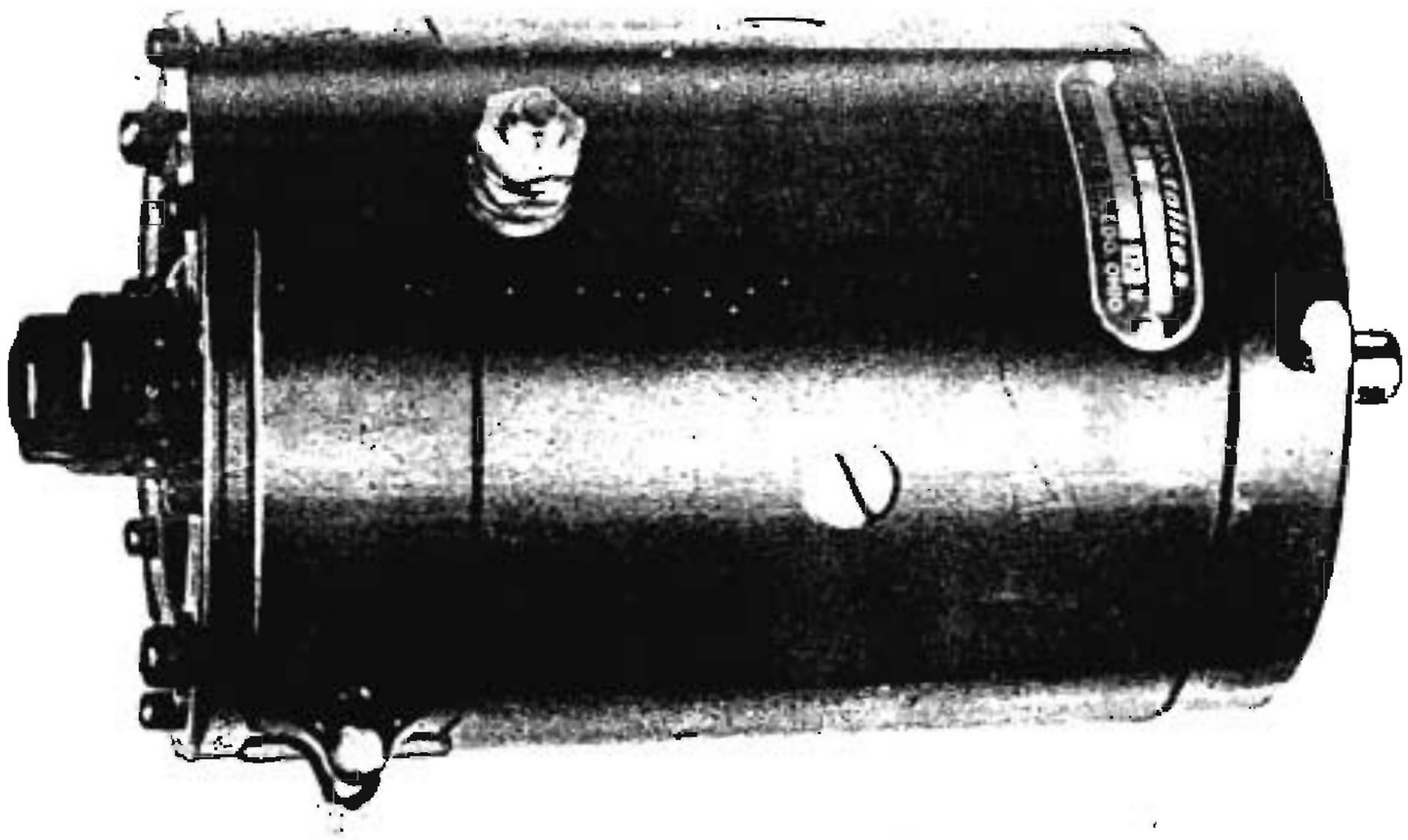
ML-4370 to 4512

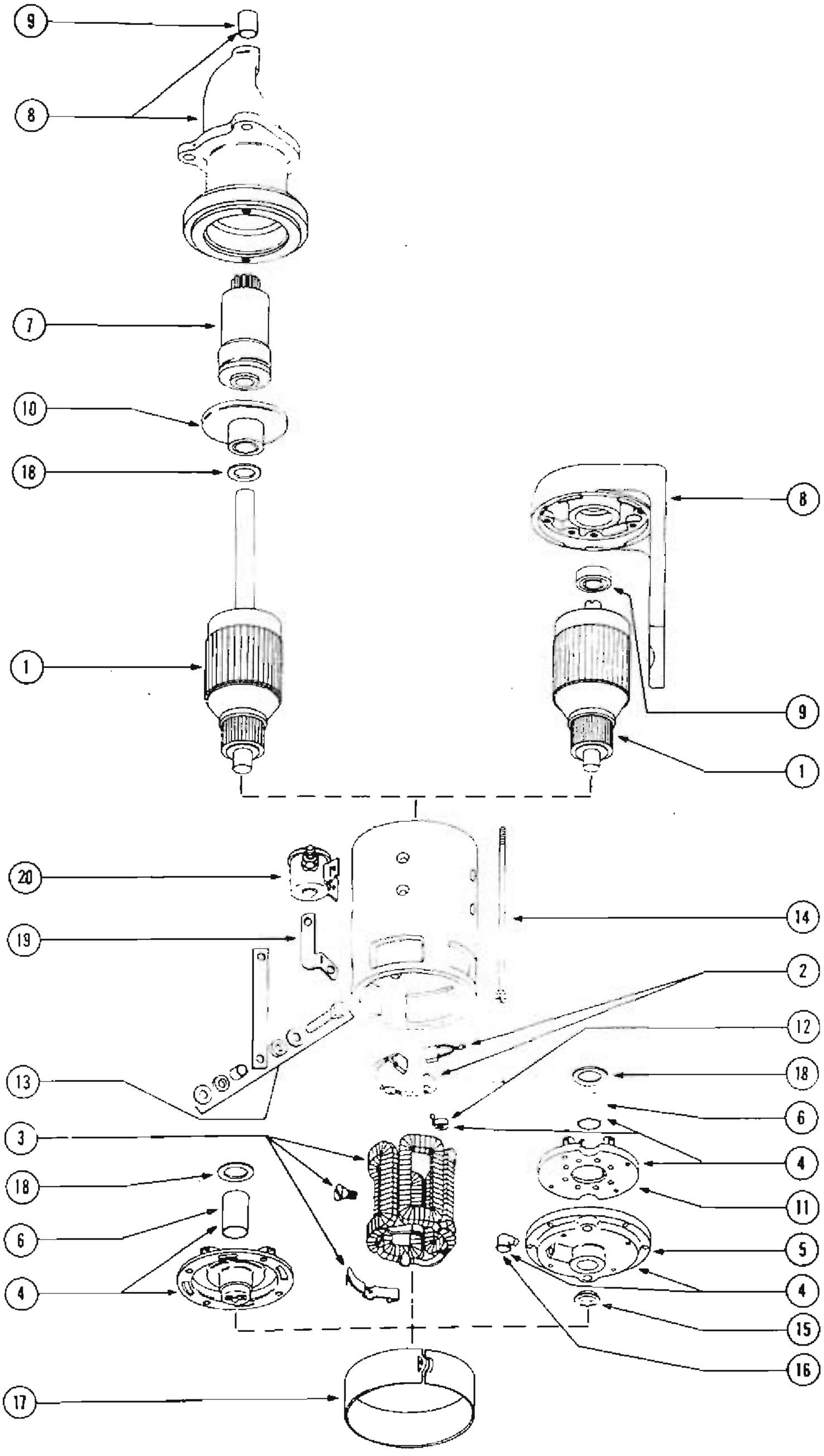
MOTORS

ISSUED: 2-5-87 (Rev.)

ORIG.EQUIP.MOTOR ENG. NUMBER		SERVICE MOTOR ENG. NUMBER	SALES NUMBER	APPLICATION
ML-4370	USE	ML-5004	46-2603	Cooper Energy,Lufkin Foundry
ML-4371		ML-4371	46-918	Monarch Road Machinery
ML-4374		ML-4374	46-836	Wabco
ML-4375		ML-4375	46-952	Parker Hannifin
ML-4376	USE	ML-4377	46-2639	Ford Motor
ML-4377		ML-4377	46-2639	Ford Motor
ML-4379	USE	ML-4381	46-2428	Santa Anita Mfg.
ML-4381		ML-4381	46-2428	Santa Anita Mfg.
ML-4502A	USE	ML-5001	46-2543	Barnes,Schreck, Misc.
ML-4502B		ML-4502B	46-859	Cessna Industrial
ML-4503		- - - -	- - - -	Baker Mat'l Hdlg.#990604
ML-4505	USE	ML-4507	46-2291	Eaton Corp.(England)
ML-4506	USE	ML-5002S	46-2542	Barnes, Monarch
ML-4507		ML-4507	46-2291	Eaton Corp.(England)
ML-4508		ML-4508	46-2328	Schreck Industries
ML-4509	USE	ML-4512	46-2545	Smith Industries(England)
ML-4510		ML-4510	46-2459	Schreck Industries
ML-4511	USE	ML-5005	46-2609	Blue Giant
ML-4512		ML-4512	46-2545	Smith Industries(England)

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





Exploded View of Typical ML Motor

Assembly	Armature (1)	Brush Set (2)	Field Coil Package (3)	Comm. End Head Assembly (4)	Partial C.E. Head Assembly (5)	C.E. Bearing (6)	Bendix Drive (7)
ML-4370 (46-358)	16-931 (ML-2037A)	17-81 (ML-2012AS)	20-589 (ML-1005PSS)	19-145 (ML-3002ES)	[NR]	24-15 (MAL-40A)	[NR]
ML-4371 (46-918)	"	"	"	19-78 (ML-2002ES)	[NR]	"	[NR]
ML-4374 (46-836)	16-920[a] (ML-2133FS)	"	"	"	[NR]	"	[NR]
ML-4375 (46-952)	16-717[a] (ML-2177CS)	17-48 (MDR-20128S)	20-590 (ML-1005KSS)	19-229 (ML-2422AS)	[NR]	25-68 (X-3991)	[NR]
ML-4376 (46-960)	90-2175[b]	17-31 (ML-2012GS)	20-589 (ML-1005PSS)	19-21 (ML-2002CS)	[NR]	24-15 (MAL-40A)	90-2175 [b] [c]
ML-4377 - - - -	16-926 (ML-2115B)	"	"	"	[NR]	"	59-256 (EBB-168)
ML-4379 (46-2404)	16-919 (ML-2133C)	17-81 (ML-2012AS)	"	19-78 (ML-2002ES)	[NR]	"	[NR]
ML-4381 (46-2428)	"	"	"	"	[NR]	"	[NR]
ML-4502A (46-416)	16-920[a] (ML-2133ES)	17-48 (MDR-20128S)	20-590 (ML-1005KSS)	19-79 (ML-2156)	36-376 (ML-1156)	"	[NR]
ML-4502B (46-859)	"	"	"	"	"	"	[NR]
ML-4503 [PB]	16-935 (ML-2168B)	17-42 (ML-1169S)	"	19-43 (ML-2167)	[NR]	25-45 (X-3413)	[NR]
ML-4505 (46-2164)	16-934 (ML-2186A)	17-48 (MDR-20128S)	"	19-79 (ML-2156)	36-376 (ML-1156)	24-15 (MAL-40A)	[NR]
ML-4506 (46-2176)	16-920[a] (ML-2133FS)	"	"	"	"	"	[NR]
ML-4507 (46-2291)	16-934 (ML-2186A)	"	"	"	"	"	[NR]
ML-4508 (46-2328)	16-933 (ML-2206B)	"	"	19-232 (ML-2167A)	[NR]	25-68[d] (X-3991)	[NR]
ML-4509 (46-2433)	16-934 (ML-2206C)	"	"	19-350 (ML-2167CS)	[NR]	"	[NR]
ML-4510 (46-2459)	16-933 (ML-2206B)	"	"	"	[NR]	"	[NR]
ML-4511 (46-2523)	[illegible] (ML-[illegible])	"	"	19-351 [illegible]	36-376 (ML-1156)	24-15 (MAL-40A)	[NR]
ML-4512 (46-2545)	16-934 (ML-[illegible])	"	"	19-351 [illegible]	[NR]	25-68[d] [illegible]	[NR]

[PB] Private Brand Part- not available thru Prestolite.
[a] Includes D.E. Bearing.
[b] Armature & Drive Package.
[c] 90-2139 Bendix Pin Package(25 Pcs.) also available.
[d] 36-926(X-4750) C.E. Bearing Spring Washer also available.
[NR] Not required.

ML-4370 to 4512

Assembly	D.E. Head or Pinion Hsg. (8)	D.E. Bearing (9)	Intermed. Bearing Assembly (10)	Brush Plate Assembly (11)	Brush Spring Set (12)	Terminal Stud Package (13)	Thru Bolt Package (14)
ML-4370 (46-358)	36-481 (MH-10340)	24-21 (ML-21A)	[NR]	[NR]	50-263 (MZ-19S)	90-744	36-556 (MH-20S)
ML-4371 (46-918)	"	"	[NR]	[NR]	"	"	"
ML-4374 (46-836)	22-134 (ML-3)	90-2368	[NR]	[NR]	"	"	"
ML-4375 (46-952)	[NR]	"	[NR]	36-1153[f] (ML-1154F)	"	90-2421	[NR]
ML-4376 (46-960)	21-185 (PS-1344)	24-22 (MZ-46A)	36-12 (ML-2027A)	[NR]	"	90-744	36-556 (MH-20S)
ML-4377 - - - -	"	"	"	[NR]	"	"	"
ML-4379 (46-2404)	22-33 (ML-149)	90-2368	[NR]	[NR]	"	"	"
ML-4381 (46-2428)	[NR]	"	[NR]	[NR]	"	"	36-894 (MBJ-20S)
ML-4502A (46-416)	22-34 (ML-160)	"	[NR]	36-1153[f] (ML-1154F)	"	90-2421	36-578 (DK-23CS)
ML-4502B (46-859)	22-131 (ML-1608)	"	[NR]	"	"	"	"
ML-4503 [PB]	[NR]	[NR]	[NR]	36-375[f] (ML-1154A)	50-276 (ML-170S)	"	36-562 (SB-42S)
ML-4505 (46-2164)	22-229 (ML-187S)	25-88 (X-479S)	[NR]	36-1153[f] (ML-1154F)	50-263 (MZ-19S)	"	36-578 (DK-23CS)
ML-4506 (46-2176)	[NR]	90-2368	[NR]	"	"	"	"
ML-4507 (46-2291)	22-229 (ML-187S)	25-88 (X-479S)	[NR]	"	"	"	"
ML-4508 (46-2328)	22-107 (ML-164)	90-2368	[NR]	"	"	"	"
ML-4509 (46-2433)	22-305 (MBD-423VS)	"	[NR]	"	"	90-2666	[NR]
ML-4510 (46-2453)	22-319 (MBD-42325)	"	[NR]		"	"	[NR]
ML-4511 (46-2523)	22-340 (ML-1600)	"	[NR]		"	90-2421	36-578 (DK-23CS)
ML-4512 (46-2545)	22-305 (MBD-423VS)	"	[NR]	"	"	90-2666	[NR]

[PB] Private Brand Part- not available thru Prestolite.
[e] 24-21 (ML-21A) Abs. Bronze Bearing also available separately.
[f] Includes Brush Springs.
[NR] Not required.

Assembly	C.E. Bearing Cover (15)	Oiler (16)	Cover Band (17)	Thrust Washer Package (18)	Switch Connector (19)	Switch (20)
ML-4370 (46-358)	[NR]	35-1 (8X-489)	35-190 (GCE-24)	90-496	[NR]	[NR]
ML-4371 (46-918)	[NR]	"	"	"	[NR]	[NR]
ML-4374 (46-836)	[NR]	[NR]	"	"	[NR]	[NR]
ML-4375 (46-952)	36-700 (MBD-426)	[NR]	35-193 (GCE-1024P)	90-454	[NR]	[NR]
ML-4376 (46-960)	[NR]	[NR]	35-190 (GCE-24)	90-261	[NR]	[NR]
ML-4377	[NR]	[NR]	"	"	[NR]	[NR]
ML-4379 (46-2404)	[NR]	[NR]	"	90-496	[NR]	[NR]
ML-4381 (46-2428)	[NR]	[NR]	36-580 (GCE-1024J)	"	[NR]	[NR]
ML-4502A (46-416)	36-105 (GAL-40CSC)	36-103A (29X-3172)	36-1167 (HDB-1191)	"	[NR]	[NR]
ML-4502B (46-859)	"	"	"	"	[NR]	[NR]
ML-4503 [PB]	"	[NR]	"	[NR]	[NR]	[NR]
ML-4505 (46-2164)	"	36-103A (29X-3172)	"	90-496	26-314 (ML-189)	15-319 (SAZ-4201AE)
ML-4506 (46-2176)	"	"	"	"	[NR]	[NR]
ML-4507 (46-2291)	"	"	"	"	26-226 (SS-6LA)	15-135 (SAS-4204)
ML-4508 (46-2328)	[NR]	[NR]	"	[NR]	[NR]	[NR]
ML-4509 (46-2433)	[NR]	[NR]	36-1069 (GCE-1024W)	[NR]	26-226 (SS-6LA)	15-315 (SAS-5201B)
ML-4510 (46-2459)	[NR]	[NR]	36-1167 (HDB-1191)	[NR]	[NR]	[NR]
ML-4511 (46-2523)	[NR]	36-1032 (29X-3172)	"	90-496	[NR]	[NR]
ML-4512 (46-2545)	[NR]	[NR]	36-1069 (GCE-1024W)	[NR]	26-226 (SS-6LA)	15-315 (SAS-5201B)

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

prestolite®

SERVICE PARTS LIST

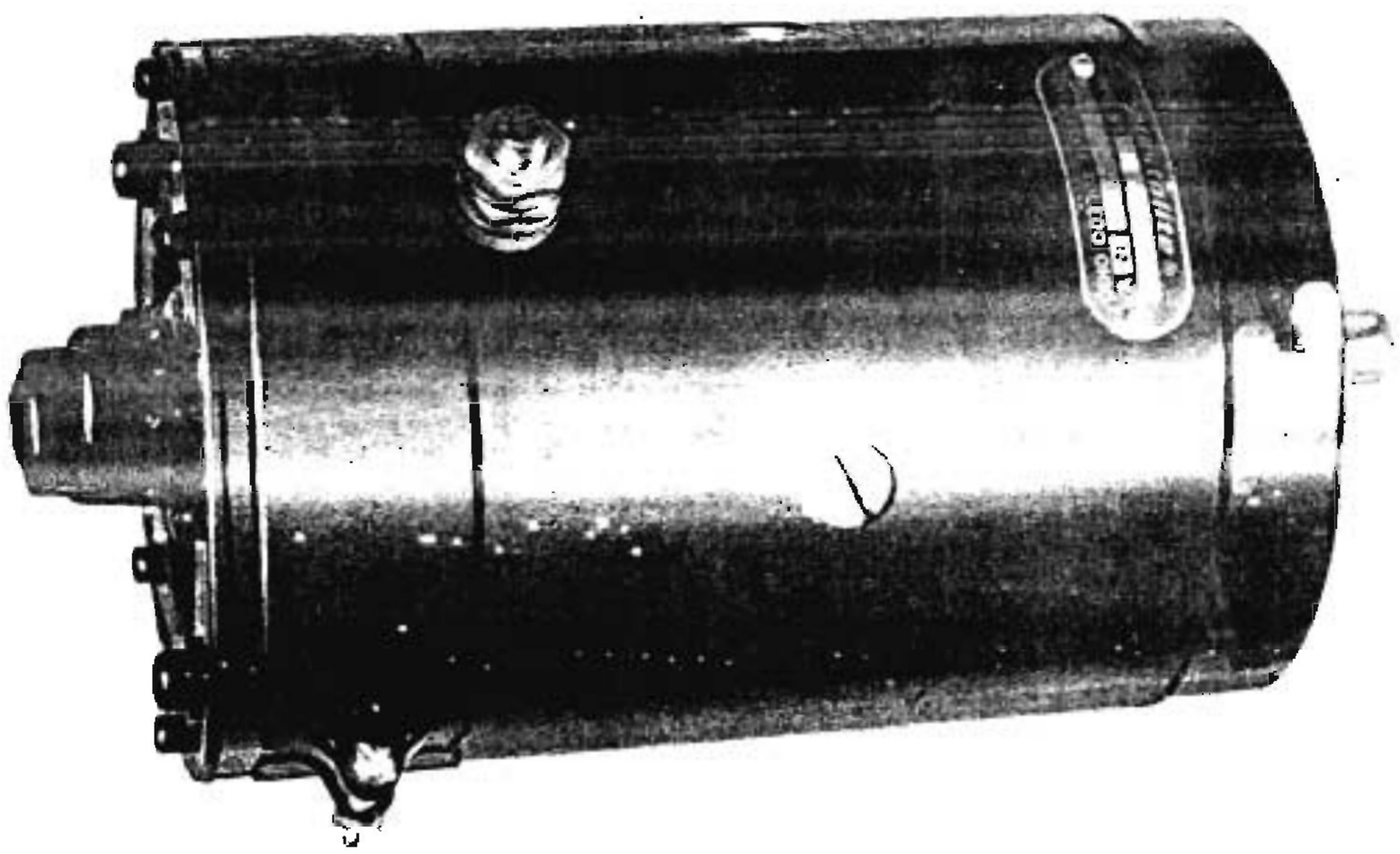
ML-5000 SERIES

MOTORS

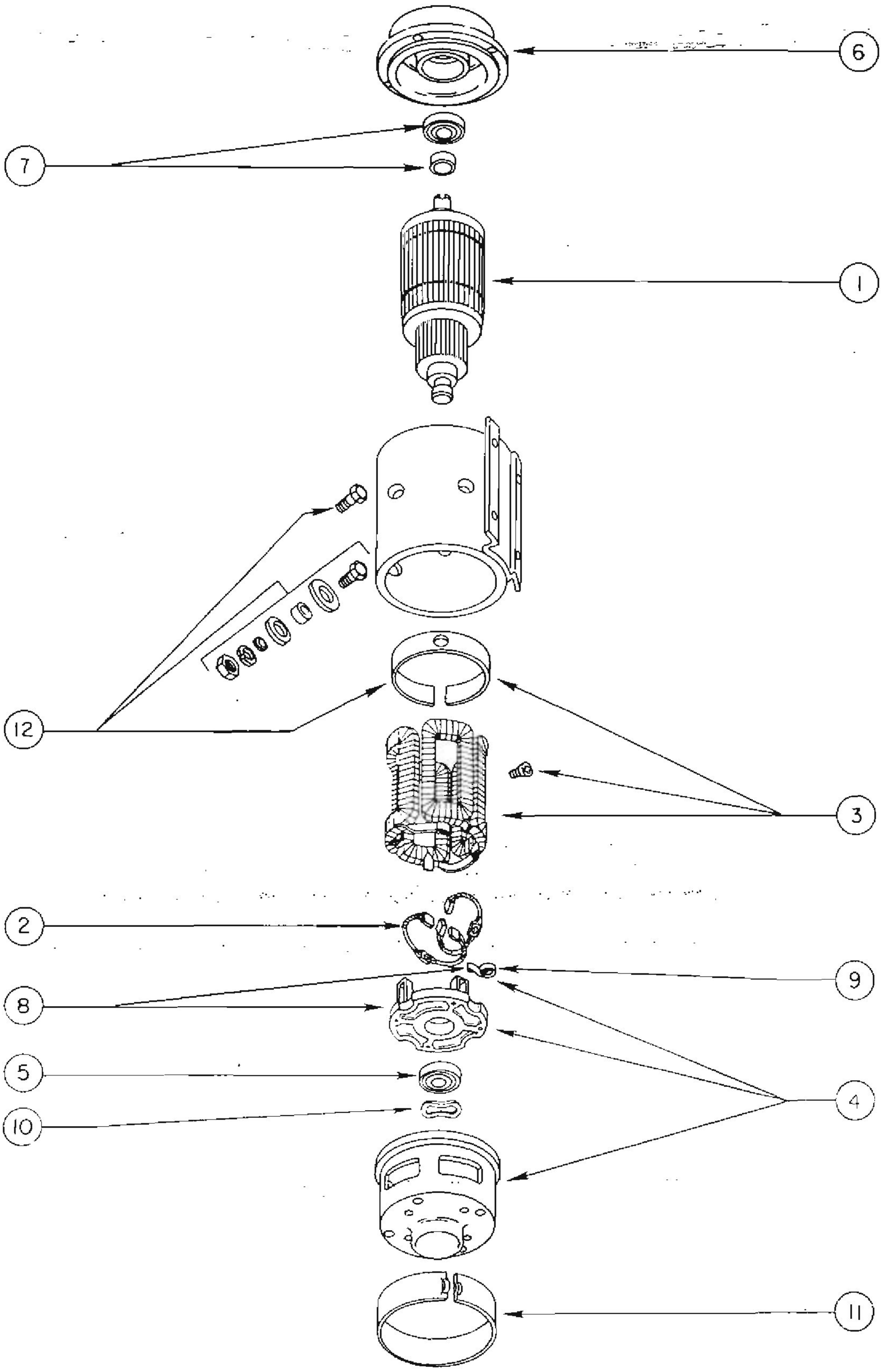
ISSUED: 11-12-84

ORIG.EQUIP. MOTOR ENG. NUMBER		SERVICE MOTOR ENG. NUMBER	SALES NUMBER	APPLICATION
ML-5001		ML-5001	46-2543	J.S.Barnes
ML-5002,S	USE	ML-5002S	46-2542	J.S.Barnes
ML-5004		ML-5004	46-2603	Cooper Energy Service
ML-5005		ML-5005	46-2609	Blue Giant
ML-5006		ML-5006	46-2610	Leyman Mfg.,Raymond Corp.
ML-5007		ML-5007	46-2611	Webster Electric

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



ML-5000 to 5007 Motor Parts List



Exploded View of Typical ML Motor

SHEET 2 ISSUED: 11-12-84

Assembly	Armature (1)	Brush Set (2)	Field Coil Package (3)	Comm.End Head Assembly (4)	C.E. Bearing (5)	Drive End Head (6)	O.E. Bearing (7)
ML-5001 (46-2543)	16-922 (ML-2506A)	17-48 (MDR-2012BS)	20-590 (ML-1005KSS)	19-400 (MDR-2102)	25-68 (X-3991)	22-360 (ML-503)	90-2368
ML-5002,S[*] (46-2542)	"	"	"	19-401 (MDR-2102A)	"	[NR]	"
ML-5004[**] (46-2603	16-929[d] (ML-2516)	"	"	"	"	36-481[a][b] (MH-10340)	24-21[c] (ML-21A)
ML-5005 (46-2609)	16-922 (ML-2506A)	"	"	19-400 (MDR-2102)	"	22-360 (ML-503)	90-2368
ML-5006 (46-2610)	"	"	"	"	"	"	"
ML-5007 (46-2611)	"	"	"	"	"	"	"

[NR] Not required.
[a] Includes Abs.Bronze Bearing.
[b] 35-1 (BX-489) Oiler also available.
[c] Abs. Bronze Bearing
[d] 36-1166 (MG-615) D.E. Armature Shaft Washer Pkg. also available.
[*] 36-578 (DK-23CS) Thru Bolt Pkg. is available if required.
[**] 36-562 (SB-42S) Thru Bolt Pkg. is available if required.

ML-5000 SERIES

Assembly	Brush Plate Assembly (8)	Brush Spring Set (9)	Spring Washer (10)	Cover Band (11)	Terminal Stud Package (12)
ML-5001 (46-2543)	36-1153 (ML-1154F)	50-263 (MZ-19S)	36-926 (X-4750)	36-1146 (H08-1159)	90-2666
ML-5002,S[*] (46-2542)	"	"	"	"	"
ML-5004 [**] (46-2603)	"	"	"	"	90-744
ML-5005 (46-2609)	"	"	"	"	90-2666
ML-5006 (46-2610)	"	"	"	"	"
ML-5007 (46-2611)	"	"	"	"	"

[*] 50-578 (OK-23CS) Thru Bolt Pkg., is available if required.

[**] 36-562 (SB-42S) Thru Bolt Pkg., is available if required.

TEMPORARY PARTS LIST

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SERVICE PARTS LIST

ASSY. NO. ML-5004

SALES NO. 46-2603

PUMP MOTOR

ISSUED 9-19-84

Application Cooper Energy Service

Service Part No.		No. Used	Part Description	Prestolite Sales No.
ML-2516		1	ARMATURE	16-929
HDB-1159		1	BAND,COVER	36-1146
X-3991		1	BEARING,BALL,SEALED,C.E.#201	25-68
MDR-2012BS		1	BRUSH SET,SERVICE	17-48
ML-1005KSS		1	FIELD COIL PKG.(POLE SHOE SCREWS INCL.)	20-590
		1	Insulation	
MDR-2102A		1	HEAD ASSEMBLY,COMM.END	19-401
ML-1154F		1	PLATE ASSEMBLY,BRUSH	36-1153
MZ-19S		1	SPRING SET,BRUSH	50-263
MH-1034D		1	HEAD ASSEMBLY,DRIVE END	36-481
ML-21A		1	BEARING,ABS.BRONZE	24-21
8X-489		1	OILER,D.E.	35-1
90-744	+	1	TERMINAL STUD PKG.(HDWE.INCL.)	90-744
SB-42S		1	THRU BOLT PACKAGE	36-562
MG-61S		1	WASHER PKG.,ARMATURE SHAFT,D.E.(2PCS.)	36-1168
X-4750		1	WASHER,SPRING,C.E.BEARING	36-926

+ Contains additional parts to service other applications.

TEMPORARY PARTS LIST

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SERVICE PARTS LIST

ASSY. NO. ML-5009,S

SALES NO. [PB]

PUMP MOTOR

ISSUED 2/26/88

Application Baker Material Handling #711345 "Private Brand"

Service Part No.	No. Used	Part Description	Prestolite Sales No.
ML-2506A	1	ARMATURE	16-922
HDB-1159	1	BAND, COVER	36-1146
X-3991	1	BEARING, BALL, SEALED, C.E.#201	25-68
ML-1169S	1	BRUSH SET	17-42
ML-1005KSS	1	FIELD COIL PKG.(INCL.POLE SCREWS)	20-590
MUR-2102C	1	HEAD ASSEMBLY, COMM.END	19-477
ML-1154A	1	PLATE ASSEMBLY, BRUSH	36-375
ML-170S	1	SPRING SET, BRUSH	50-376
90-2666	1	TERMINAL STUD PKG. (HDWE.INCL.)	90-2666
SB-42S	1	THRU BOLT PKG.	36-562
X-4750	1	WASHER, SPRING, C.E. BEARING	36-926

[PB] Private Brand - not available thru Prestolite.

Printed in U.S.A.

File in the
OE-92 PARTS BINDER

MOTOR SECTION