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SERVICE PARTS LIST

MLH SERIES

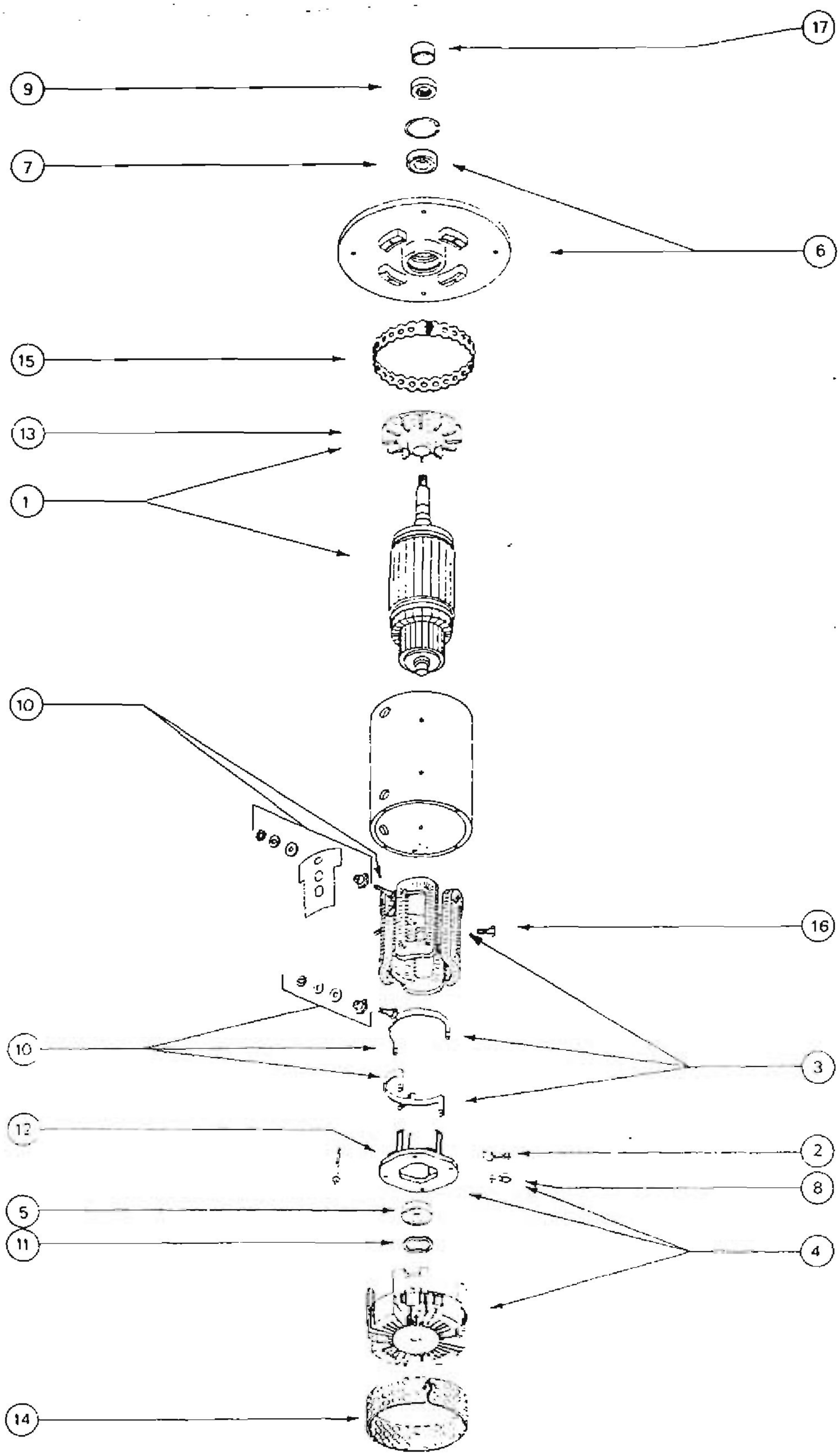
TRACTION MOTORS

ISSUED: 9-21-78

ORIG.EQUIP.MOTOR ENG. NUMBER	SERVICE MOTOR ENG. NUMBER	SALES NUMBER	APPLICATION
MLH-4001	MLH-4001	46-2239	Montgomerie Reid(England)
MLH-4002	MLH-4002	46-2445	Montgomerie Reid(England)
MLH-4101	MLH-4101	46-2349	Pettibone Mercury Corp.

VOLTS: 36 & 48

MLH Series Traction Motor Parts List



Exploded View of Typical MLH Traction Motor

SHEET 2 ISSUED: 9-27-79(Rev.)

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)
MLH-4001 (46-2239)	16-578[a] (MJP-2406)	17-87 (MFH-1012S)	20-480[b] (MLH-3005S)	19-300 (MJU-1302)	25-79 (X-4608)	22-250 (MLH-1003)	25-78 (X-4607)
MLH-4002 (46-2445)	"	"	"	"	"	22-309 (MLH-1123)	"
MLH-4101 (46-2349)	16-817[c] (MJP-3126S)	17-194 (MCP-2012HS)	20-516 (MLH-1005S)	19-339 (MJU-1002H)	"	[c]	"

[a] Armature only.

[b] 36-1058 (MJB-19S)Cable Tie Package, Connector(10Pcs.) & 36-1057 (MNC-19S)Cable Tie Package, Connector to Frame (5 Pcs.) also available.

[c] Armature, Fan & Drive End Head Assembly must be used at time of first repair. Individual Components, 16-768 (MJP-3126) Armature & Fan Assembly, and 22-311(MLH-1103S) Drive End Head, Assembly may be replaced thereafter. To determine "First Repair" measure O.D. of Shaft Seal. If O.D. is 1.75" it is "First Repair."

MLH SERIES

Assembly	Brush Spring Set (8)	Seal (9)	Terminal Stud Package (10)	Spring Washer (11)	Brush Holder Kit (12)	Fan (13)	C.E. Cover Band (14)
MLH-4001 (46-2239)	50-375 (MGP-185)	36-963 (XA-1257)	90-2437	36-847 (X-4236)	90-2494	- - - -	36-1094 (HDB-1098)
MLH-4002 (46-2445)	"	"	"	"	"	- - - -	36-1094[d] (HDB-1098)
MLH-4101 (46-2349)	"	36-1072[e] (XA-1483)	"	"	"	34-391 (PU-647)	"

[d] For totally enclosed Motor use Enclosing Kit 70-39 (SP-6070).

[e] If Seal O.D. is 1.87" use Seal listed above. If O.D. is 1.75" use 36-1026(XA-1358).

Assembly	O.E. Cover Band (15)	Pole Shoe Screw Package (16)	Spacer (17)
MLH-4001 (46-2239)	36-1040 (HDB-19)	[f]	36-964 (MLH-33)
MLH-4002 (46-2445)	36-1040[d] (HDB-19)	90-2609	"
MLH-4101 (46-2349)	"	[f]	- - - -

[d] For totally Enclosed Motor use Enclosing Kit 70-39(SP-6070).

[f] Order as follows: For Flat Hd. Screws 5/16-24x7/8" use 90-2608 Pkg.
For Hex.Hd. Screws 5/16-24x1" use 90-2609 Pkg.
For Hex.Hd. Thread Rolling Screws 5/16-18x1" use 90-2610 Pkg.
For Flat Hd. Thread Rolling Screws 5/16-18x7/8" use 90-2612 Pkg.