prestolite®

SERVICE PARTS LIST

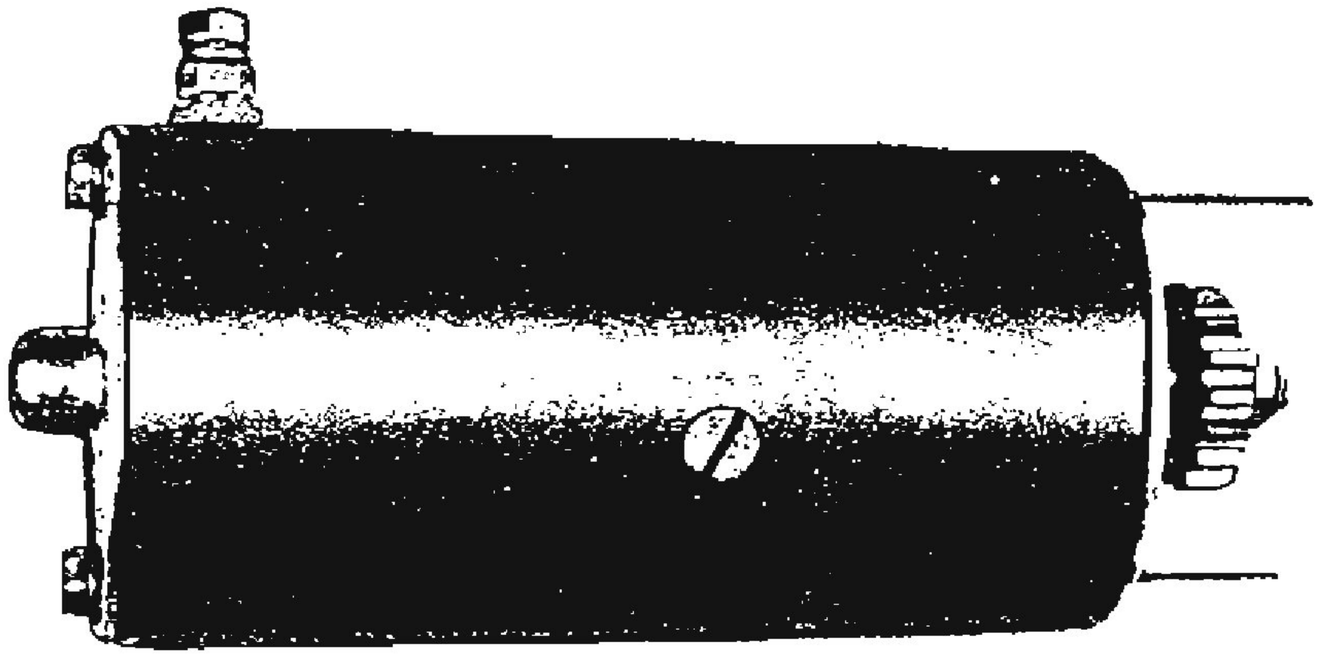
MDW-4000 SERIES

STARTING MOTORS

ISSUED: 1-5-72(Rev.)

ORIG.EQUIP.MOTOR ENG. NUMBER		SERVICE MOTOR ENG. NUMBER	SALES NUMBER	APPLICATION
MDW-4001M	USE	MGD-4001	46-371	Evinrude,Johnson
MDW-4002M	USE	MGD-4102A	46-781	Evinrude,Johnson,Wisconsin
MDW-4002T	USE	MDW-4102T	46-780	Wisconsin(Military)
MDW-4003M		MDW-4003M	46-581	Wisconsin
MDW-4004M	USE	MDW-4006M	46-65	West Bend
MDW-4005M	USE	MGD-4002B	46-587	West Bend
MDW-4006M		MDW-4006M	46-65	West Bend
MDW-4007	USE	MGD-4003	46-434	Homelite
MDW-4101M	USE	MGD-4001	46-371	Evinrude,Johnson
MDW-4102M	USE	MGD-4102A	46-781	Evinrude,Johnson
MDW-4102T		MDW-4102T	46-780	Wisconsin(Military)
MDW-4103M	USE	MGD-4001	46-371	Evinrude,Johnson
MDW-4104M	USE	MGD-4102A	46-781	Evinrude,Johnson
MDW-4202M	USE	MGD-4102A	46-781	Evinrude,Johnson
MDW-4204M	USE	MGD-4102C	46-452	Evinrude,Johnson
MDW-4302M	USE	MGD-4102A	46-781	Wisconsin
MDW-4304M	USE	MGD-4102A	46-781	Evinrude,Johnson

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



TYPICAL PICTURE OF MDW SERIES MOTOR

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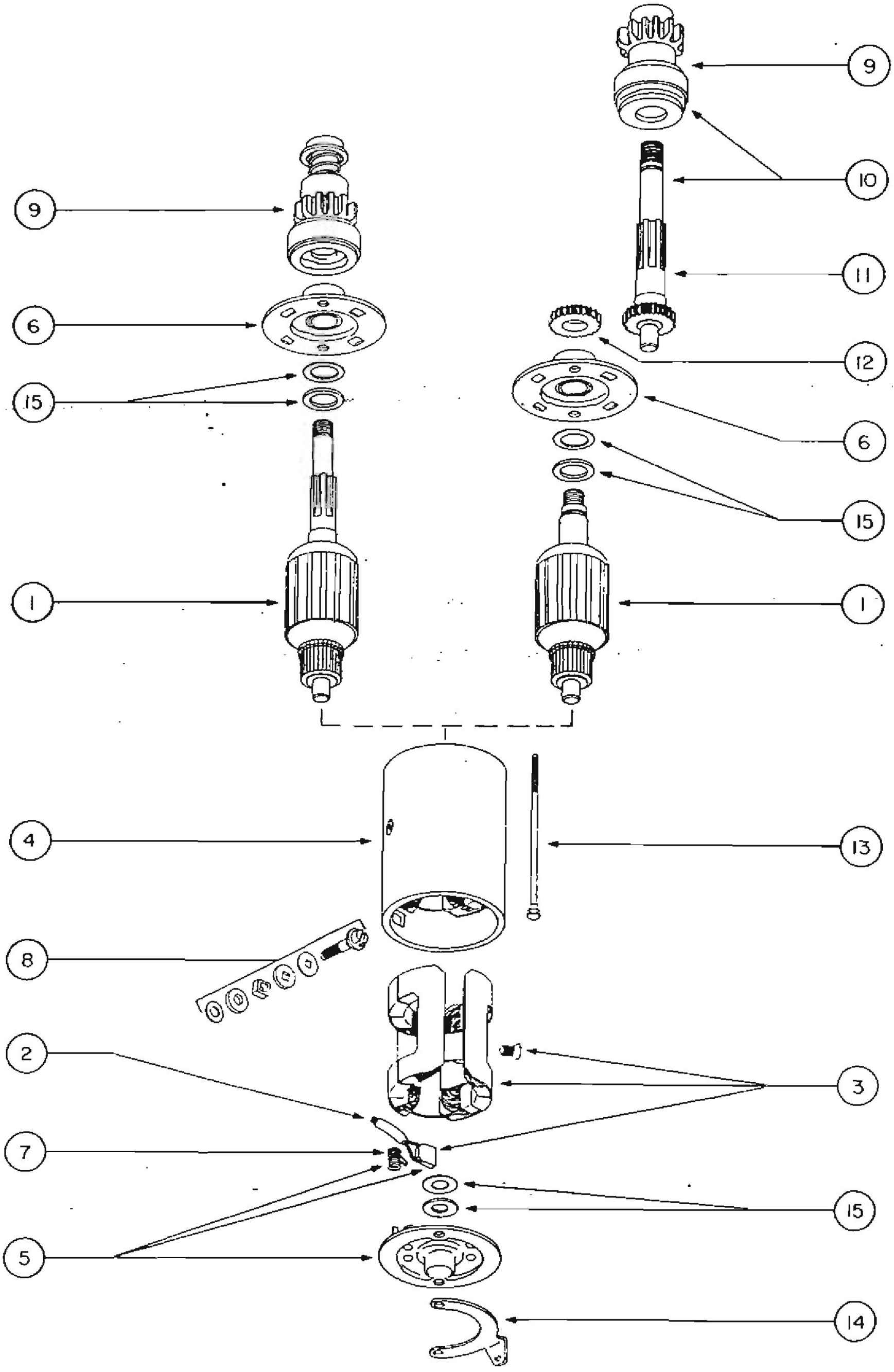
File in the
OE-92 PARTS BINDER

MOTOR SECTION

MDW-4000 Series Starting Motor Parts List



Exploded View of Typical MDW Starting Motor

MDW-4000 Series Starting Motor Parts List

Assembly	Armature (1)	Brush Set (2)	Field Coil Assembly (3)	Frame & Field Assembly (4)	Comm. End Head Assembly (5)	Drive End Head Assembly (6)	Brush Spring Set (7)
MDW-4001M (46-36)	16-80 (MDW-2406)	17-40 (MDO-2012AS)	20-61 (MDW-1005)	58-199 (MDW-2001)	19-40 (MDW-1102)	22-71 (MGO-1003)	50-271 (MDH-18S)
MDW-4002M (46-37)	16-79 (MDW-2306)	17-40 (MDO-2012AS)	20-62 (MDW-2005)	58-201 (MDW-3001)	19-39 (MDW-1002)	22-72 (MGD-1103)	50-271 (MDH-18S)
MDW-4002T (46-85)	16-336 (MDW-2306A)	17-50 (MDO-2012CS)	- - - -	58-14 (MDW-3001A)	19-55 (MDW-1002A)	22-128 (MGO-1103A)	50-271 (MDH-18S)
MDW-4003M (46-581)	16-79 (MDW-2306)	17-40 (MDO-2012AS)	20-62 (MDW-2005)	58-201 (MDW-3001)	19-39 (MDW-1002)	22-72 (MGD-1103)	50-271 (MDH-18S)
MDW-4004M - - - -	16-105 (MDW-2506)	17-44 (MDO-2012BS)	20-61 (MDW-1005)	58-33 (MDW-2301)	19-46 (MDW-1102A)	22-79 (MDW-1303)	50-271 (MDH-18S)
MDW-4005M (46-304)	16-79 (MDW-2306)	17-40 (MDO-2012AS)	20-57 (MDW-1105)	58-62 (MDW-2101)	19-39 (MDW-1002)	22-72 (MGO-1103)	50-271 (MDH-18S)
MDW-4006M (46-65)	16-184 (MDW-2606)	17-44 (MDO-2012BS)	20-61 (MDW-1005)	58-33 (MDW-2301)	19-46 (MDW-1102A)	22-79 (MDW-1303)	50-271 (MDH-18S)
MDW-4007 (46-383)	16-260 (MDW-2706)	17-40 (MDO-2012AS)	20-58 (MDW-1205)	58-129 (MDW-2401)	19-40 (MDW-1102)	22-79 (MDW-1303)	50-271 (MDH-18S)
MDW-4101M - - - -	16-80 (MDW-2406)	17-40 (MDO-2012AS)	20-61 (MDW-1005)	58-199 (MDW-2001)	19-40 (MDW-1102)	22-71 (MGO-1003)	50-271 (MDH-18S)
MDW-4102M (46-137)	16-79 (MDW-2306)	17-40 (MDO-2012AS)	20-62 (MDW-2005)	58-201 (MDW-3001)	19-39 (MDW-1002)	22-72 (MGO-1103)	50-271 (MDH-18S)
MDW-4102T (46-780)	16-336 (MDW-2306A)	17-50 (MDO-2012CS)	- - - -	58-14 (MDW-3001A)	19-55 (MDW-1002A)	22-128 (MGD-1103A)	50-271 (MDH-18S)
MDW-4103M (46-138)	16-80 (MDW-2406)	17-40 (MDO-2012AS)	20-58 (MDW-1205)	58-88 (MDW-2201)	19-40 (MDW-1102)	22-71 (MGO-1003)	50-271 (MDH-18S)
MDW-4104M - - - -	16-79 (MDW-2306)	17-40 (MDO-2012AS)	20-57 (MDW-1105)	58-62 (MDW-2101)	19-39 (MDW-1002)	22-72 (MGO-1103)	50-271 (MDH-18S)
MDW-4202M (46-137)	16-79 (MDW-2306)	17-40 (MDO-2012AS)	20-62 (MDW-2005)	58-201 (MDW-3001)	19-39 (MDW-1002)	22-72 (MGO-1103)	50-271 (MDH-18S)
MDW-4204M (46-86)	16-79 (MDW-2306)	17-40 (MDO-2012AS)	20-57 (MDW-1105)	58-62 (MDW-2101)	19-39 (MDW-1002)	22-72 (MGO-1103)	50-271 (MDH-18S)
MDW-4302M (46-779)	16-79 (MDW-2306)	17-40 (MDO-2012AS)	20-62 (MDW-2005)	58-201 (MDW-3001)	19-39 (MDW-1002)	22-72 (MGO-1103)	50-271 (MDH-18S)
MDW-4304M (46-139)	16-79 (MDW-2306)	17-40 (MDO-2012AS)	20-57 (MDW-1105)	58-62 (MDW-2101)	19-39 (MDW-1002)	22-72 (MGO-1103)	50-271 (MDH-18S)

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MDW-4000 Series Starting Motor Parts List

Assembly	Term. Stud Package (8)	Bendix Drive (9)	Jack Shaft Assembly [a] (10)	Gear & Shaft Assembly (11)	Pinion Gear (12)	Thru Bolt Package (13)	Mounting Bracket (14)	Thrust Washer Package (15)
MDW-4001M (46-36)	90-995	59-192 (MDD-1361)	36-807 (MDD-2035E)	36-806 (MDD-1035C)	- - - -	43-333 (MDW-120S)	- - - -	90-712
MDW-4002M (46-37)	90-995	59-170 (MGD-1161)	- - - -	- - - -	- - - -	90-289	- - - -	90-712
MDW-4002T (46-85)	- - - -	59-170 (MGD-1161)	- - - -	- - - -	- - - -	90-289	- - - -	90-712
MDW-4003M (46-581)	90-995	59-139 (MDW-1161)	- - - -	- - - -	- - - -	90-289	- - - -	90-712
MDW-4004M - - - -	90-995	59-140 (MDW-1461)	36-275 (MDW-2061)	36-399 (MDW-1027)	30-54 (MDW-26)	36-804 (MDW-720S)	- - - -	90-712
MDW-4005M (46-304)	90-995	59-138 (MDD-1161)	- - - -	- - - -	- - - -	90-295	- - - -	90-259
MDW-4006M (46-65)	90-995	59-140 (MDW-1461)	36-275 (MDW-2061)	36-399 (MDW-1027)	30-54 (MDW-26)	36-804 (MDW-720S)	- - - -	90-259
MDW-4007 (46-383)	90-995	59-160 (MDW-1561)	- - - -	- - - -	- - - -	43-330 (MDW-820S)	- - -	90-712
MDW-4101M - - - -	90-995	- - - -	- - - -	- - - -	- - - -	43-332 (MGD-20S)	36-274 (MDW-65)	90-712
MDW-4102M (46-137)	90-995	59-170 (MGD-1161)	- - - -	- - - -	- - - -	90-289	- - - -	90-712
MDW-4102T (46-780)	- - - -	59-170 (MGD-1161)	- - - -	- - - -	- - - -	90-289	- - - -	90-712
MDW-4103M (46-138)	90-995	59-192 (MDD-1361)	[b]	36-806 (MDD-1035C)	- - - -	43-332 (MGD-20S)	36-274 (MDW-65)	90-712
MDW-4104M - - - -	90-995	59-170 (MGD-1161)	- - - -	- - - -	- - - -	90-295	- - - -	90-712
MDW-4202M (46-137)	90-995	59-170 (MGD-1161)	- - - -	- - - -	- - - -	90-289	- - - -	90-712
MDW-4204M (46-86)	90-995	59-170 (MGD-1161)	- - - -	- - - -	- - - -	36-805 (MDW-620S)	36-273 (MDW-35)	90-712
MDW-4302M (46-779)	90-995	59-170 (MGD-1161)	- - - -	- - - -	- - - -	90-289	- - - -	90-712
MDW-4304M (46-139)	90-995	59-170 (MGD-1161)	- - - -	- - - -	- - - -	90-295	- - - -	90-712

[a] Used with, but not part of this Motor.

[b] 36-807 (MDD-2035E) Should be used when Prestolite Generator equipped and
36-861 (MDD-2035AA) Should be used when Delco Alternator equipped.