






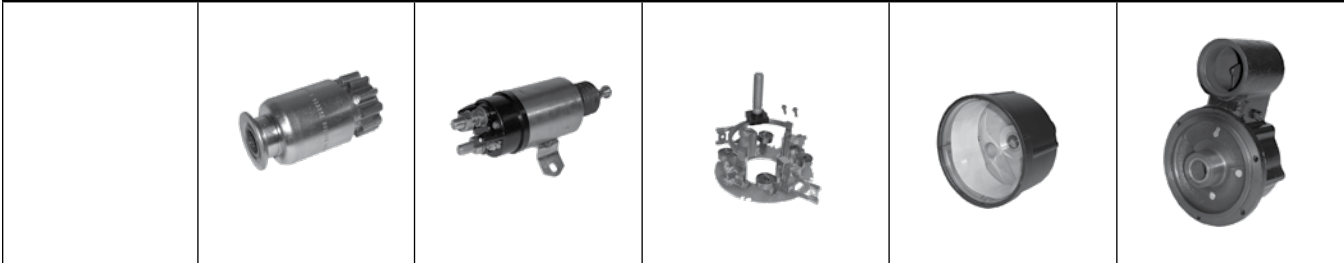
Group:	MS2	Notes: Refer to SP1007 -DWG for major component drawing. Refer to TSB-3004 for hardware kit breakdown.
Form:	SP1007	
Date:	July 7, 2017	
File:	Starter Motor Parts List Section	

Component View	Drive Assembly	Solenoid Assembly	Brushholder Assembly	C.E. Housing Assembly	Shift Housing Assembly
					
Model	1	2	3	4	5
MS2-500	852959	6512-264	6512-265	6512-175A	M777103311S
MS2-500D	852959	6512-264	6512-265	6512-175A	M777103311S
MS2-500ND	852959	6512-264	6512-265	6512-175A	M777103311S
MS2-501	852959	6512-264	6512-245	6512-77	M777103311S
MS2-501D	852959	6512-264	6512-245	6512-77	M777103311S
MS2-501ND	852959	6512-264	6512-245	6512-77	M777103311S
MS2-502	852959	6512-264	6512-245	6512-77	M777103311S
MS2-502D	852959	6512-264	6512-245	6512-77	M777103311S
MS2-503	852959	6512-264	6512-245	6512-77	M777103311S
MS2-503D	852959	6512-264	6512-245	6512-77	M777103311S
MS2-503ND	852959	6512-264	6512-245	6512-77	M777103311S
MS2-504	852959	6512-264	6512-265	6512-175A	M777103311S
MS2-504D	852959	6512-264	6512-265	6512-175A	M777103311S
MS2-504ND	852959	6512-264	6512-265	6512-175A	M777103311S
MS2-506	852957	6512-264	6512-245	6512-77	M777103311S
MS2-506D	852957	6512-264	6512-245	6512-77	M777103311S
MS2-506ND	852957	6512-264	6512-245	6512-77	M777103311S
MS2-508	852957	6512-264	6512-245	6512-77	N/A
MS2-508D	852957	6512-264	6512-245	6512-77	N/A
MS2-508ND	852957	6512-264	6512-245	6512-77	N/A

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Component View	Drive Assembly	Solenoid Assembly	Brushholder Assembly	C.E. Housing Assembly	Shift Housing Assembly
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Model	1	2	3	4	5
MS2-509	852957	6512-264	6512-265	6512-175A	N/A
MS2-509D	852957	6512-264	6512-265	6512-175A	N/A
MS2-510	852959	6512-264	6512-265	6512-175A	M777103327S
MS2-510D	852959	6512-264	6512-265	6512-175A	M777103327S
MS2-510NC	852959	6512-264	6512-265	6512-175A	M777103327S
MS2-510ND	852959	6512-264	6512-265	6512-175A	M777103327S
MS2-511	852959	6512-264	6512-245	6512-77	M777103327S
MS2-511D	852959	6512-264	6512-245	6512-77	M777103327S
MS2-511NC	852959	6512-264	6512-245	6512-77	M777103327S
MS2-511ND	852959	6512-264	6512-245	6512-77	M777103327S
MS2-514	852959	6512-264	6512-245	6512-77	M777103311S
MS2-514D	852959	6512-264	6512-245	6512-77	M777103311S
MS2-514ND	852959	6512-264	6512-245	6512-77	M777103311S
MS2-520	852957	6512-264	6512-245A	6512-77	M777103348S
MS2-521	852957	6512-264	6512-245A	6512-77	M777103348S
MS2-522NCP	M029103388S	6512-264	6512-245	6512-77	M777103311S
MS2-530	852957	6512-264	6512-245	6512-77	M777103311S
MS2-530D	852957	6512-264	6512-245	6512-77	M777103311S
MS2-530ND	852957	6512-264	6512-245	6512-77	M777103311S
MS2-531	852957	6512-264	6512-265	6512-175A	M777103311S
MS2-531D	852957	6512-264	6512-265	6512-175A	M777103311S
MS2-531N	852957	6512-264	6512-265	6512-175A	M777103311S
MS2-531ND	852957	6512-264	6512-265	6512-175A	M777103311S
MS2-570	852957	6512-264	6512-245A	6512-77	M777103311S
MS2-570D	852957	6512-264	6512-245A	6512-77	M777103311S
MS2-570ND	852957	6512-264	6512-245A	6512-77	M777103311S
MS2-571	852957	6512-264	6512-265A	6512-175A	M777103311S
MS2-571D	852957	6512-264	6512-265A	6512-175A	M777103311S
MS2-571ND	852957	6512-264	6512-265A	6512-175A	M777103311S






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Component View	Field and Frame Assembly	Nose Housing Assembly	Hardware Assembly	Brushes Kit	Jumper
					
Model	7	8	9	10	
MS2-500	6512-238	M014103922S	K212103986S	K185104685S	859775
MS2-500D	6512-238	M014103922S	K212103986S	K185104685S	859775
MS2-500ND	6512-238	M014103922S	K212103986S	K185104685S	859775
MS2-501	6512-238	M014103922S	K212103986S	K185104685S	859775
MS2-501D	6512-238	M014103922S	K212103986S	K185104685S	859775
MS2-501ND	6512-238	M014103922S	K212103986S	K185104685S	859775
MS2-502	6512-238	M014103913S	K212103986S	K185104685S	859775
MS2-502D	6512-238	M014103913S	K212103986S	K185104685S	859775
MS2-503	6512-238	M014103913S	K212103986S	K185104685S	859775
MS2-503D	6512-238	M014103913S	K212103986S	K185104685S	859775
MS2-503ND	6512-238	M014103913S	K212103986S	K185104685S	859775
MS2-504	6512-238	M014103913S	K212103986S	K185104685S	859775
MS2-504D	6512-238	M014103913S	K212103986S	K185104685S	859775
MS2-504ND	6512-238	M014103913S	K212103986S	K185104685S	859775
MS2-506	6512-238	M014103913S	K212103986S	K185104685S	859775
MS2-506D	6512-238	M014103913S	K212103986S	K185104685S	859775
MS2-506ND	6512-238	M014103913S	K212103986S	K185104685S	859775
MS2-508	6512-238	M014103922S	K212103986S	K185104685S	859775
MS2-508D	6512-238	M014103922S	K212103986S	K185104685S	859775
MS2-508ND	6512-238	M014103922S	K212103986S	K185104685S	859775




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Form:	SP1007	
Date:	July 7, 2017	
File:	Starter Motor Parts List Section	

Component View	Field and Frame Assembly	Nose Housing Assembly	Hardware Assembly	Brushes Kit	Jumper
					
Model	7	8	9	10	11
MS2-509	6512-238	M014103922S	K212103986S	K185104685S	859775
MS2-509D	6512-238	M014103922S	K212103986S	K185104685S	859775
MS2-510	6512-238	M014103909S	K212103986S	K185104685S	859775
MS2-510D	6512-238	M014103909S	K212103986S	K185104685S	859775
MS2-510NC	6512-238	M014103909S	K212103986S	K185104685S	859775
MS2-510ND	6512-238	M014103909S	K212103986S	K185104685S	859775
MS2-511	6512-238	M014103909S	K212103986S	K185104685S	859775
MS2-511D	6512-238	M014103909S	K212103986S	K185104685S	859775
MS2-511NC	6512-238	M014103909S	K212103986S	K185104685S	859775
MS2-511ND	6512-238	M014103909S	K212103986S	K185104685S	859775
MS2-514	6512-238	M014103913S	K212103986S	K185104685S	859775
MS2-514D	6512-238	M014103913S	K212103986S	K185104685S	859775
MS2-514ND	6512-238	M014103913S	K212103986S	K185104685S	859775
MS2-520	6512-238	M014103943S	K212103986S	K185104685S	859775
MS2-521	6512-238	M014103352S	K212103986S	K185104685S	859775
MS2-522NCP	6512-238	N/A	K212103986S	K185104685S	859775
MS2-530	6512-238	N/A	K212103986S	K185104685S	859775
MS2-530D	6512-238	N/A	K212103986S	K185104685S	859775
MS2-530ND	6512-238	N/A	K212103986S	K185104685S	859775
MS2-531	6512-238	N/A	K212103986S	K185104685S	859775
MS2-531D	6512-238	N/A	K212103986S	K185104685S	859775
MS2-531N	6512-238	N/A	K212103986S	K185104685S	859775
MS2-531ND	6512-238	N/A	K212103986S	K185104685S	859775
MS2-570	6512-238	N/A	K212103986S	K185104685S	859775
MS2-570D	6512-238	N/A	K212103986S	K185104685S	859775
MS2-570ND	6512-238	N/A	K212103986S	K185104685S	859775
MS2-571	6512-238	N/A	K212103986S	K185104685S	859775
MS2-571D	6512-238	N/A	K212103986S	K185104685S	859775
MS2-571ND	6512-238	N/A	K212103986S	K185104685S	859775




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Component View	Thrust Washer Kit	OCP	Shift Lever Kit
			
Model			
MS2-500	K185104687S	6512-88	K185104686S
MS2-500D	K185104687S	6512-88	K185104686S
MS2-500ND	K185104687S	6512-88	K185104686S
MS2-501	K185104687S	N/A	K185104686S
MS2-501D	K185104687S	N/A	K185104686S
MS2-501ND	K185104687S	N/A	K185104686S
MS2-502	K185104687S	N/A	K185104686S
MS2-502D	K185104687S	N/A	K185104686S
MS2-503	K185104687S	N/A	K185104686S
MS2-503D	K185104687S	N/A	K185104686S
MS2-503ND	K185104687S	N/A	K185104686S
MS2-504	K185104687S	6512-88	K185104686S
MS2-504D	K185104687S	6512-88	K185104686S
MS2-504ND	K185104687S	6512-88	K185104686S
MS2-506	K185104687S	N/A	K185104686S
MS2-506D	K185104687S	N/A	K185104686S
MS2-506ND	K185104687S	N/A	K185104686S
MS2-508	K185104687S	N/A	K185104686S
MS2-508D	K185104687S	N/A	K185104686S
MS2-508ND	K185104687S	N/A	K185104686S

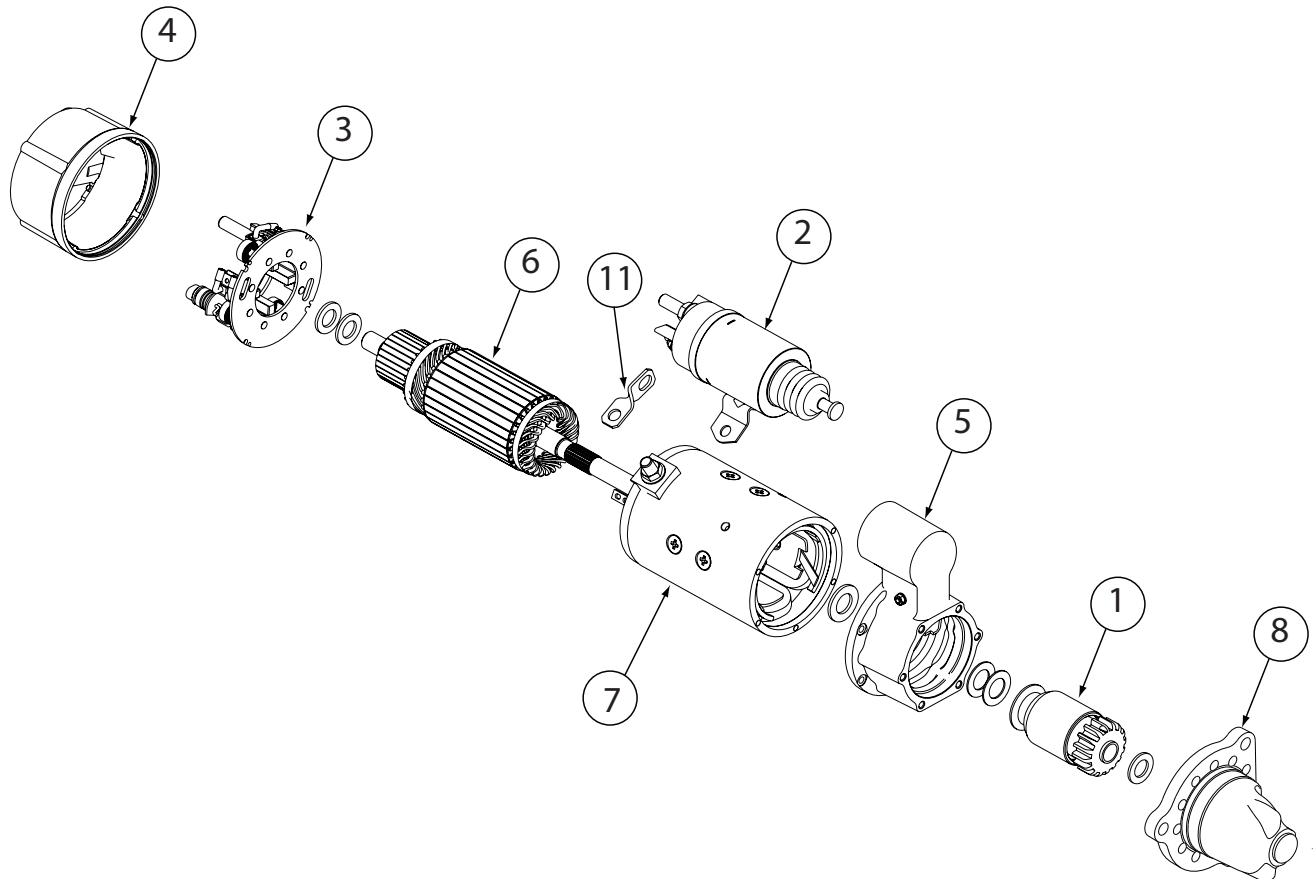
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Component View	Thrust Washer Kit	OCP	Shift Lever Kit
			
Model			
MS2-509	K185104687S	6512-88	K185104686S
MS2-509D	K185104687S	6512-88	K185104686S
MS2-510	K185104687S	6512-88	K185104686S
MS2-510D	K185104687S	6512-88	K185104686S
MS2-510NC	K185104687S	6512-88	K185104686S
MS2-510ND	K185104687S	6512-88	K185104686S
MS2-511	K185104687S	N/A	K185104686S
MS2-511D	K185104687S	N/A	K185104686S
MS2-511NC	K185104687S	N/A	K185104686S
MS2-511ND	K185104687S	N/A	K185104686S
MS2-514	K185104687S	N/A	K185104686S
MS2-514D	K185104687S	N/A	K185104686S
MS2-514ND	K185104687S	N/A	K185104686S
MS2-520	K185104687S	N/A	K185104686S
MS2-521	K185104687S	N/A	K185104686S
MS2-522NCP	K185104687S	N/A	K185104686S
MS2-530	K185104687S	N/A	K185104686S
MS2-530D	K185104687S	N/A	K185104686S
MS2-530ND	K185104687S	N/A	K185104686S
MS2-531	K185104687S	6512-88	K185104686S
MS2-531D	K185104687S	6512-88	K185104686S
MS2-531N	K185104687S	6512-88	K185104686S
MS2-531ND	K185104687S	6512-88	K185104686S
MS2-570	K185104687S	N/A	K185104686S
MS2-570D	K185104687S	N/A	K185104686S
MS2-570ND	K185104687S	N/A	K185104686S
MS2-571	K185104687S	6512-88	K185104686S
MS2-571D	K185104687S	6512-88	K185104686S
MS2-571ND	K185104687S	6512-88	K185104686S

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Group:	MS2 Starters	Notes: Refer to SP1007 for parts breakdown. Refer to TSB-3004 for hardware kit breakdown.
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Date:	July 7, 2017	
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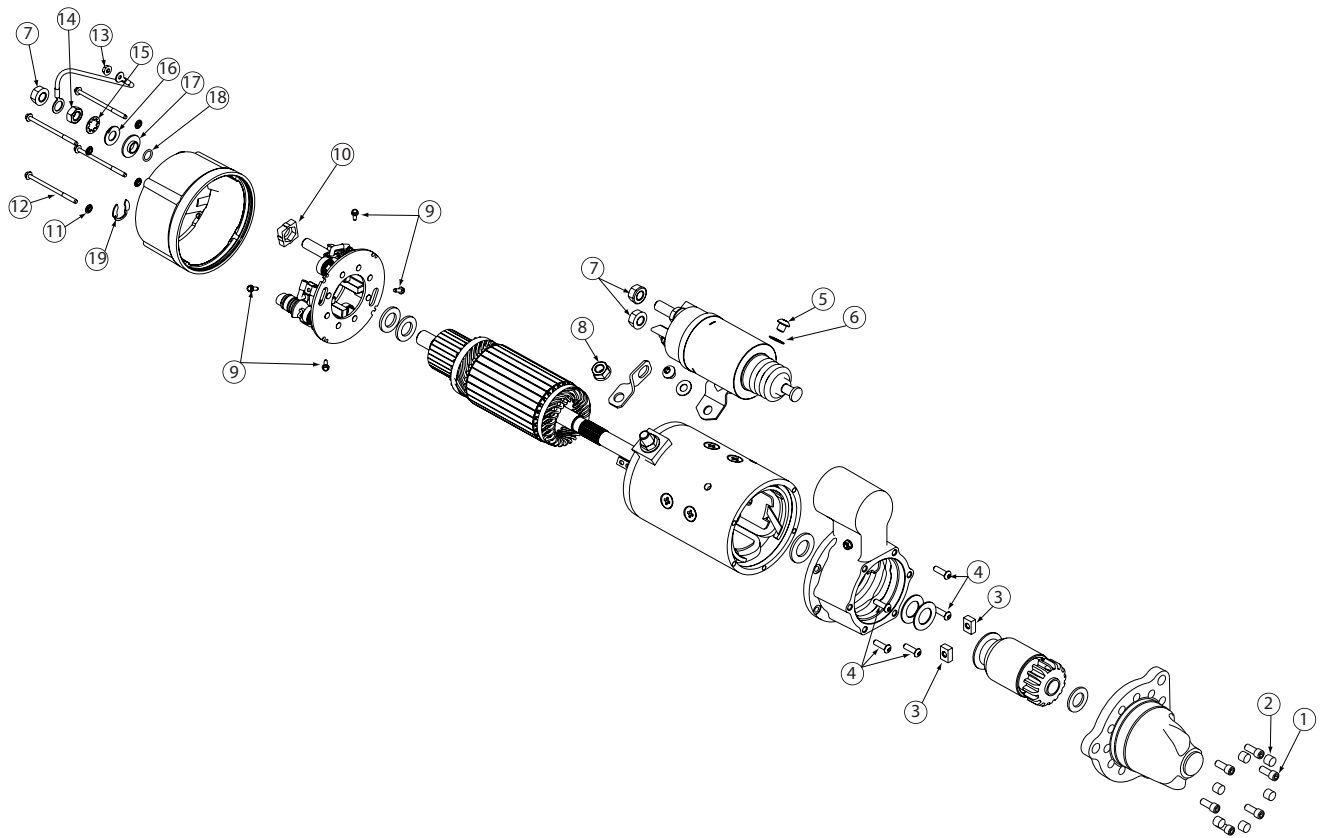


See TSB-3004
for Hardware Kit
breakdown

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Source: Leece-Neville Heavy Duty Systems Division - Arcade, NY USA
Date: JULY 7, 2017
Bulletin No: TSB-3004
Models: MS2 series starter motors
Subject: Hardware service kits

NOTE: All of these components are part of the hardware kit and not available for individual purchase.



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Date: JULY 7, 2017

Bulletin No: TSB-3004

Note: All of these components are part of the hardware kit and not available for individual purchase.

Description	Key	Qty	Where Used
Soc HD Bolts	1	6	Hold nose housing to shift lever hsg
Rubber Plugs	2	6	Nose housing plugs
Cam, Lever Arm	3	2	Moves drive on shaft
Screw, Button HD	4	5	Attach shift lever Hsg to motor
Screw, Button HD	5	2	Attaches solenoid to motor
Washer, Flat	6	2	Flat washers for Key item 5
Nut, Hex Flange	7	3	Attaches cable to starter
Nut, Hex Flange, Metric	8	1	Attaches jumper strap to motor
Screw, Tap	9	4	Attaches brushes to brush plate
Insulator	10	1	Negative stud insulator
Washer, Sealing	11	4	Seals CE bolts to CE Hsg
Bolt, Hex, Wash	12	4	Attaches CE Hsg to motor
Nut, Hex Flange	13	1	Attaches ground wire to solenoid
Nut, Hex	14	1	Negative stud hardware
Lockwasher	15	1	Negative stud hardware
Washer, Flat	16	1	Negative stud hardware
Insulator	17	1	Insulates negative stud from CE Hsg
O-Ring	18	1	Seals negative stud in CE Hsg
Ring, Retainer	19	1	Holds OCP into CE Hsg

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