

MS3 - 500 SERIES STARTER MOTORS

TYPE / PART NO:	ST. MOTOR INSULATION	C.E HSG ASSY QTY 1 [4] NOTE 4	BRUSH PLATE ASSEMBLY QTY 1 [5] NOTE 5	NOSE HSG ASSY QTY 1 [6] NOTE 2	SWITCH UNIT QTY 1 [7]	DRIVE UNIT QTY 1 [8]	HEX NUT QTY 1 [17]	WASHER QTY [] [64]
MS3-500	E.R.	6512-114	6512-19	6512-85X	6512-167	6512-174	6512-93	850224 [1]
MS3-501	E.R.	6512-114	6512-19	6512-85Z	6512-167	6512-187	6512-93	850224 [1]
MS3-502	I.R.	6512-114A	6512-130	6512-85AC	859765	6512-174	6512-30	850224 [2]
MS3-503	I.R.	6512-114A	6512-130	6512-85V	859765	6512-174	6512-30	850224 [2]
MS3-504	I.R.	6512-114A	6512-130	6512-85X	6512-190	6512-174	6512-30	850224 [2]
MS3-505	I.R.	6512-114A	6512-130	6512-85V	859765	6512-174	5330-548	850224 [2]
MS3-506	I.R.	6512-114A	6512-130	6512-85X	859765	6512-174	5330-548	850224 [2]

TYPE / PART NO:	M12 HEX LOCKNUT QTY [] [65]	INSULATOR QTY 1 [72]	"O" RING QTY 1 [73]	INSULATOR QTY 1 [74]	WASHER QTY 4 [75]	LEAD ASSY QTY 1 [76]	SHAKEPROOF WASHER QTY 1 [77]	SPRING WASHER QTY 2 [78]
MS3-500	859791 [1]	-	-	-	-	-	-	-
MS3-501	859791 [1]	-	-	-	-	-	-	-
MS3-502	859791 [2]	859789	859833	859790	859783	858432 / 2	850651	858631
MS3-503	859791 [3]	859789	859833	859790	859783	858432 / 2	850651	858631
MS3-504	859791 [3]	859789	859833	859790	859783	858432 / 2	850651	858631
MS3-505	859791 [2]	859789	859833	859790	859783	858432 / 2	850651	858631
MS3-506	859791 [2]	859789	859833	859790	859783	858432 / 2	850651	858631

COMMON PARTS							
REF. NO:	PART NO:	QTY	DESCRIPTION	REF. NO:	PART NO:	QTY	DESCRIPTION
1	6512-116	1	FIELD RING ASSY [NOTE 3]	40	850161	4	SCREW
2	6332-A1491	1	ARMATURE ASSY	41	859778	4	BRUSH SPRING
3	6512-156	1	SHIFT HSG ASSY [NOTE 1]	42	859922	1	LEVER ARM
9	851016	2	THRUST WASHER	43	6512-155	1	SHIFT HOUSING
10	6512-173	1	SPRING CLEANER	44	850137	1	OIL SEAL
11	6512-168	1	BUSH	45	6512-162	1	BUSH
12	858294	1	THRUST WASHER	46	850144	1	"O" RING
13	5335-991	5	BUTTON HD SCREW	47	859960	1	PIVOT BOLT
15	853239	2	CAM	48	850143	1	"O" RING
16	850148	2	FIBRE TH. WASHER	49	5330-547	1	M6 PATCHED HEX NUT
18	850466	6	SKT HD CAPSCREW	50	854386	1	SH.PROOF WASHER
19	850150	6	PLUG	51	850145	1	"O" RING
20	850147	1	FIBRE TH. WASHER	52	850155	1	PIPE PLUG
21	850146	1	THRUST WASHER	53	6512-97	1	FIELD RING
22	6512-159	1	JUMPER	54	6512-115	1	COIL & JUMPER ASSY
23	6512-30	1	M12 FLANGE NUT	55	6512-158	4	POLE PIECE
24	850153	3	1/2" UNC NUT	56	859502	8	SEALING WASHER
25	850475	2	SPRING WASHER	57	850184	8	SCREW
26	6512-119	1	BRUSH HOLDER INS	58	850179	1	INSULATOR
27	6512-94	2	#10-32 UNF NUT	59	860088	1	INSULATOR
28	5936-504	2	WASHER	60	859802	1	TERMINAL BOLT
29	6211-675D	4	"O" RING	61	850182	2	INSULATION BUSH
30	6512-120	4	THROUGH BOLT	62	858418	1	"O" RING
31	5335-992	2	BUTTON HD SCREW	63	859780	1	INSULATION BUSH
32	854101	2	PLAIN WASHER	66	850180	1	INSULATION BUSH
33	854054	2	SPRING WASHER	67	859945	2	SPRING TENSION PIN
34	6512-113	1	C.E HSG - SEE NOTE 6	68	6512-132	1	BRUSH HOLDER ASSY
35	850154	2	FELT WICK	69	6512-271	4	BRUSH
36	858585	1	PLUG	70	6512-275	1	JUMPER & BOLT ASSY
37	859788	1	"O" RING	71	6512-293	4	BRUSH SPRING
38	6512-107	1	BRUSH HOLDER ASSY	72	850141	1	BUSH
39	6512-99	4	BRUSH				

NOTE 1 SHIFT HOUSING ASSY [ITEM 3] COMPRISES ITEMS 42, 43, 44, 45, 46, 47, 48, 49 & 50

NOTE 2 NOSE HOUSING ASSY [ITEM 6] IS FITTED WITH BUSH ITEM 11

NOTE 3 FIELD RING ASSY [ITEM 1] COMPRISES ITEMS 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66 & 67

NOTE 4 C.E. HOUSING ASSY [ITEM 4] COMPRISES ITEMS 34, 35, 36 & 37

NOTE 5 BRUSH PLATE ASSY [ITEM 5 - PART NO: 6512-19] COMPRISES ITEMS 38, 39, 40 & 41

BRUSH PLATE ASSY [ITEM 5 - PART NO: 6512-130] COMPRISES ITEMS 40, 68, 69, 70 & 71

NOTE 6 C.E. HOUSING [ITEM 34] IS FITTED WITH BUSH ITEM 72

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