prestolite®

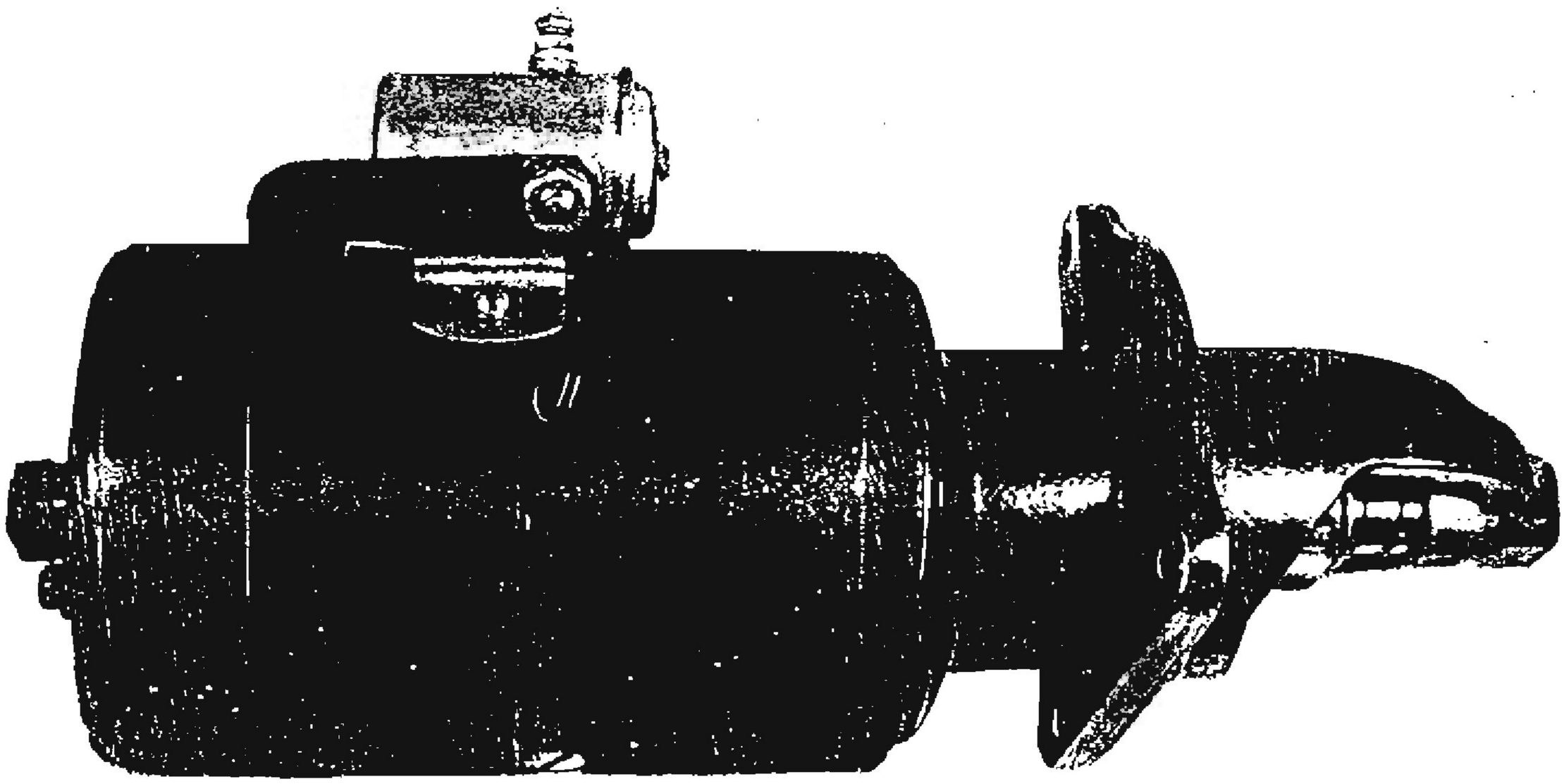
SERVICE PARTS LIST

MAS-4000 SERIES

STARTING MOTORS

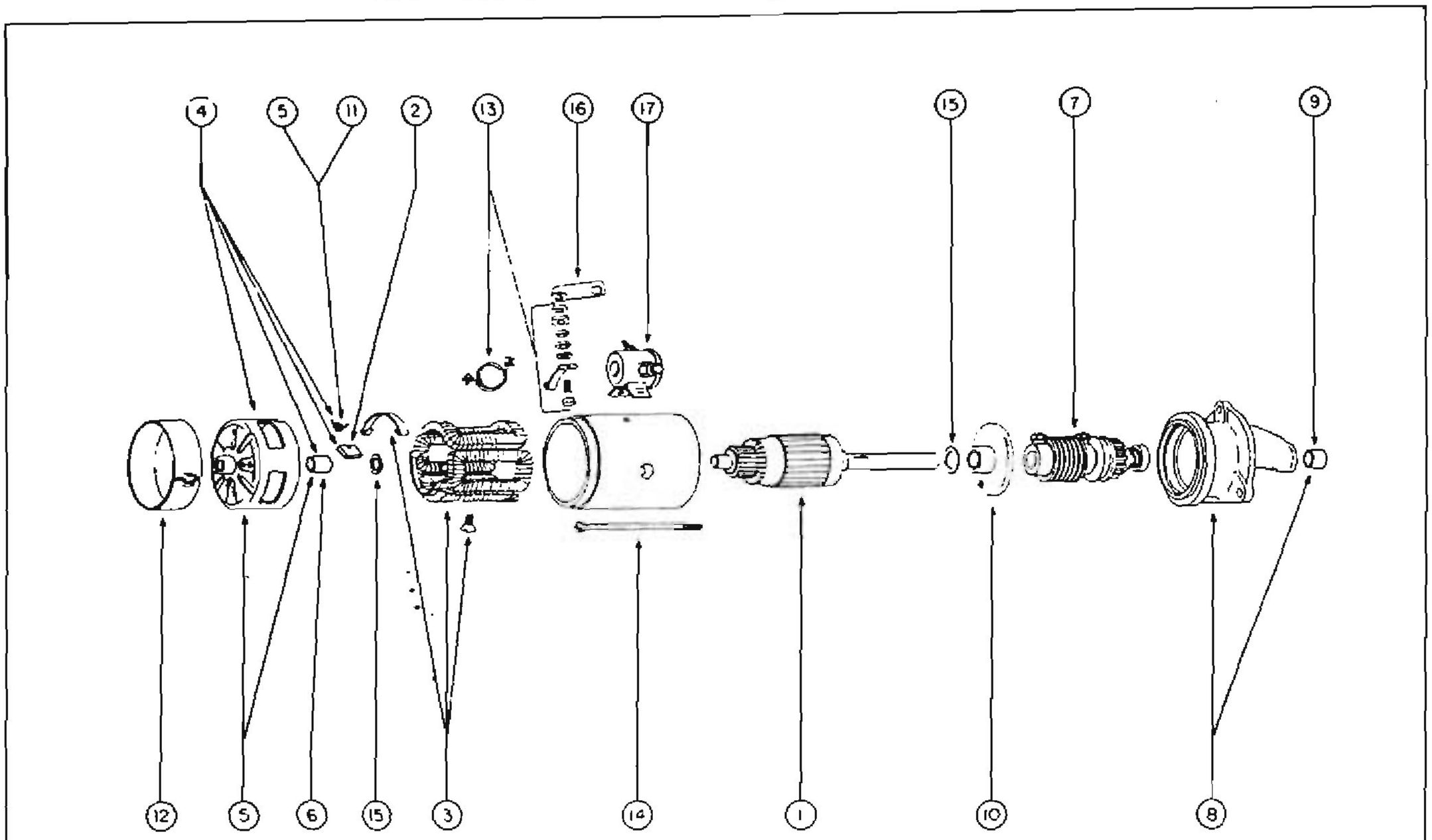
ISSUED: 9-3-71

ASSEMBLY	SALES NUMBER	APPLICATION
MAS-4004	P46-305	Gray Marine
MAS-4007	P46-306	Gray Marine
MAS-4011	P46-710	Bay City Shovel,Clark,Hercules
MAS-4016	- - - -	Buda
MAS-4102	P46-4	Brockway,Continental Mtrs.
MAS-4104	P46-711	Buda,Hercules
MAS-4107	P46-550	Continental,Hercules
MAS-4108	P46-324	Chris-Craft
MAS-4109	P46-325	Chris-Craft



TYPICAL PICTURE OF MAS SERIES MOTOR

MAS-4000 Series Starting Motor Parts List



Exploded View of Typical MAS Starting 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)
MAS-4004 (P46-305)	P16-134 (MAS-2035)	P17-28 (MH-1054S)	P20-3 (MAS-3005S)	P19-80 (ML-3090AS)	P19-196 (MR-1005)	P24-15 (MAL-40A)	P59-16 (EBB-86)
MAS-4007 (P46-306)	P16-134 (MAS-2035)	P17-28 (MH-1054S)	P20-3 (MAS-3005S)	P19-23 (ML-2090S)	P19-196 (MR-1005)	P24-15 (MAL-40A)	P59-181 (EBB-126)
MAS-4011 (P46-710)	P16-7 (MAS-2098)	P17-28 (MH-1054S)	P20-3 (MAS-3005S)	P19-80 (ML-3090AS)	P19-196 (MR-1005)	P24-15 (MAL-40A)	P59-14 (EBA-8)
MAS-4016 - - - -	P16-7 (MAS-2098)	P17-28 (MH-1054S)	P20-3 (MAS-3005S)	P19-80 (ML-3090AS)	P19-196 (MR-1005)	P24-15 (MAL-40A)	P59-70 (EBB-108)
MAS-4102 (P46-4)	P16-7 (MAS-2098)	P17-6 (MAS-2012S)	P20-3 (MAS-3005S)	P19-24 (ML-3002AS)	- - - -	P24-15 (MAL-40A)	P59-14 (EBA-8)
MAS-4104 (P46-711)	P16-7 (MAS-2098)	P17-6 (MAS-2012S)	P20-3 (MAS-3005S)	P19-24 (ML-3002AS)	- - - -	P24-15 (MAL-40A)	P59-70 (EBB-108)
MAS-4107 (P46-950)	P16-7 (MAS-2098)	P17-6 (MAS-2012S)	P20-3 (MAS-3005S)	P19-24 (ML-3002AS)	- - - -	P24-15 (MAL-40A)	P59-14 (EBA-8)
MAS-4108 (P46-324)	P16-7 (MAS-2098)	P17-6 (MAS-2012S)	P20-3 (MAS-3005S)	P19-24 (ML-3002AS)	- - - -	P24-15 (MAL-40A)	P59-14 (EBA-8)
MAS-4109 (P46-325)	P16-7 (MAS-2098)	P17-6 (MAS-2012S)	P20-318 (MAS-3005AS)	P19-21 (ML-2002CS)	- - - -	P24-15 (MAL-40A)	P59-64 (EBA-9)

MAS-4000 Series Starting Motor Parts List

Assembly	Pinion Housing Assembly (8)	O.E. Bearing (9)	Intermed. Bearing Assembly (10)	Brush Spring Set (11)	Cover Band (12)	Term. Stud Package (13)	Thru Bolt Package (14)
MAS-4004 (P46-305)	P21-202 (PS-1060D)	P24-23 (MG-77A)	P36-12 (ML-2027A)	P50-317 (MG-73S)	P36-727 (GX-1024F)	P90-418	P36-556 (MH-20S)
MAS-4007 (P46-306)	P21-202 (PS-1060D)	P24-23 (MG-77A)	P36-12 (ML-2027A)	P50-293 (MG-74S)	P36-727 (GX-1024F)	P90-418	P36-556 (MH-20S)
MAS-4011 (P46-710)	P21-312 (PS-1162A)	P24-23 (MG-77A)	P36-12 (ML-2027A)	P50-317 (MG-73S)	P36-727 (GX-1024F)	P90-418	P36-556 (MH-20S)
MAS-4016 - - - -	P21-314 (PS-1218)	P24-23 (MG-77A)	P36-12 (ML-2027A)	P50-317 (MG-73S)	P36-727 (GX-1024F)	P90-418	P36-556 (MH-20S)
MAS-4102 (P46-4)	P21-37 (PS-1296)	P24-23 (MG-77A)	P36-12 (ML-2027A)	P50-263 (MZ-19S)	P36-728 (GEB-24B)	P90-418	P36-556 (MH-20S)
MAS-4104 (P46-711)	P21-37 (PS-1296)	P24-23 (MG-77A)	P36-12 (ML-2027A)	P50-263 (MZ-19S)	P36-728 (GEB-24B)	P90-418	P36-556 (MH-20S)
MAS-4107 (P46-550)	P21-313 (PS-1314)	P24-23 (MG-77A)	P36-12 (ML-2027A)	P50-263 (MZ-19S)	P36-728 (GEB-248)	P90-418	P36-556 (MH-20S)
MAS-4108 (P46-324)	P21-210 (PS-1314A)	P24-23 (MG-77A)	P36-12 (ML-2027A)	P50-263 (MZ-19S)	P36-728 (GEB-248)	P90-418	P36-556 (MH-20S)
MAS-4109 (P46-325)	P21-210 (PS-1314A)	P24-23 (MG-77A)	P36-12 (ML-2027A)	P50-263 (MZ-19S)	P36-728 (GEB-248)	P90-418	P36-556 (MH-20S)

Assembly	Thrust Washer Package (15)	Connector (16)	Switch (17)
MAS-4004 (P46-30S)	P90-672	P26-211 (SS-111R)	P15-134 (SAS-4203)
MAS-4007 (P46-306)	P90-672	P26-211 (SS-111R)	P15-134 (SAS-4203)
MAS-4011 (P46-710)	P90-672	P26-226 (SS-6LA)	P15-134 (SAS-4203)
MAS-4016 - - - -	P90-672	P26-226 (SS-6LA)	P15-134 (SAS-4203)
MAS-4102 (P46-4)	P90-672	- - - -	- - - -
MAS-4104 (P46-711)	P90-672	- - - -	- - - -
MAS-4107 (P46-550)	P90-672	- - - -	- - - -
MAS-4108 (P46-324)	P90-672	P36-55S (MBR-40)	P15-134 (SAS-4203)
MAS-4109 (P46-325)	P90-672	P36-55S (MBR-40)	P15-134 (SAS-4203)

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