prestolite®

SERVICE PARTS LIST

ASSY. NO. MBP-4018T

SALES NO. 46-912

STARTING MOTOR

ISSUED 9-22-67 Rev.: 2-3-84

Application Teledyne Wisconsin (Military)

Service Part No.	No. Used	Part Description	Prestolite Sales No.
MBP-3411T	1	ARMATURE	16-396
MZ-24U	1	BAND,COVER	36-590
MZ-1360A	1	BEARING ASSY.,INTERMEDIATE	36-346
EBB-137A	1	BENDIX DRIVE (FACET #480369)	59-194
90-2139	1	BENDIX PIN PKG.(25PCS.)	90-2139
MBP-2022S	1	FRAME & FIELD ASSY. **	58-250
*	1	Brush	
*	1	Brush	
MZ-359AS	1	GASKET PKG.,INT.BEARING(10PCS.)	36-372A
MBP-2002B	1	HEAD ASSY.,COMM.END	19-115
*	2	Brush,Grounded	
MZ-19S	1	SPRING SET,BRUSH	50-263
PS-2330A	1	HOUSING ASSY.,PINION	21-370
MZ-364	1	BEARING,ABS.BRONZE	24-24
XA-1481	1	OIL SEAL	36-1071
90-822	1	SCREW PKG.,INT.BEARING MTG.(4PCS.)	90-822
90-539	1	THRUST WASHER PKG.	90-539
MBW-2012CS	*	BRUSH SET,SERVICE	17-64

** Due to the method of installing Field Coils in this Assembly, it is necessary to replace the Frame and Field Assembly if Field Coils are required.

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File in the
OE-92 PARTS BINDER

MOTOR SECTION

prestolite®

SERVICE PARTS LIST

MBP-4000 SERIES

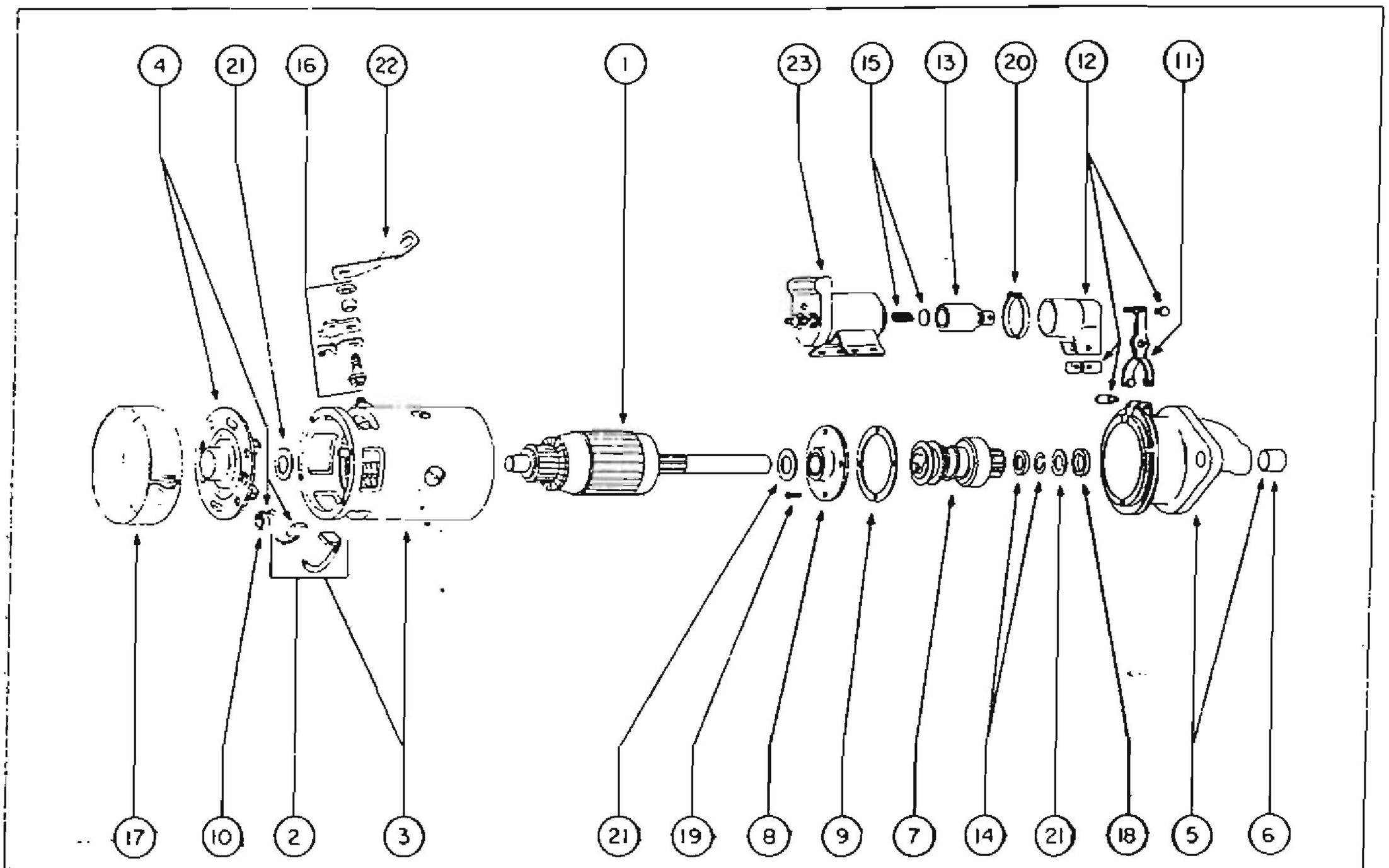
STARTING MOTORS

ISSUED: 5-25-72(Rev.)

ORIG.EQUIP.MOTOR ENG. NUMBER		SERVICE MOTOR ENG. NUMBER	SALES NUMBER	APPLICATION
MBP-4007		MBP-4007	46-715	Willys(Mil.)
MBP-4008T	USE	MBP-4016T	46-319	Wisconsin(Mil.)
MBP-4009T		MBP-4009T	46-433	American Marc (Mil.)
MBP-4012T	USE	MBP-4018T	46-912	Wisconsin(Mil.)
MBP-4013T		MBP-4013T	- - -	Onan(Mil.)
MBP-4014T		MBP-4014T	46-426	Onan(Mil.)
MBP-4015T		MBP-4015T	46-430	Hercules & Misc.(Mil.)
MBP-4016T		MBP-4016T	46-319	Wisconsin(Mil.)
MBP-4017T		MBP-4017T	46-893	Onan(Mil.)
MBP-4018T		MBP-4018T	46-912	Wisconsin(Mil.)
MBP-4019T		MBP-4019T	46-928	Wisconsin(Mil.)

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

MBP-4000 Series Starting Motor Parts List



Exploded View of Typical MBP Starting Motor

Assembly	Armature (1)	Brush Set (2)	Frame & Field Assembly (3)	Comm.End Head Assembly (4)	Pinion Housing (5)	D.E. Bearing (6)	Bendix Dr. or Clutch (7)
MBP-4007 (46-715)	16-147 (MBP-2330F)	17-66 (MBW-2012S)	20-321[a] (MBP-3005S)	19-171 (MBP-2328)	21-1 (PS-303S)	- - - -	18-5 (MCL-3098)
MBP-4008T (46-768)	16-248 (MBP-3049FT)	17-64 (MBW-2012CS)	58-59 (MBP-2001BS)	19-115 (MBP-2002B)	21-234 (PS-1214C)	24-23 (MG-77A)	59-84 (EBA-55)
MBP-4009T (46-433)	16-248 (MBP-3049FT)	17-65 (MBW-2012DS)	58-202 (MBP-2050S)	19-155 (MZ-2002K)	21-271 (PS-1064B)	24-23 (MG-77A)	59-60 (EB-99A)
MBP-4012T (46-104)	16-214 (MBP-3366FT)	17-64 (MBW-2012CS)	58-59 (MBP-2001BS)	19-115 (MBP-2002B)	21-370 (PS-2330A)	24-24 (MZ-364)	59-42 (EBB-44B)
MBP-4013T - - - -	16-411 (MBP-3369FT)	17-64 (MBW-2012CS)	58-198 (MBP-2353)	19-115 (MBP-2002B)	21-365 (PS-1340)	24-74 (SC-91)	18-44 (MCL-3110A)
MBP-4014T (46-426)	16-279 (MBP-3023FT)	17-64 (MBW-2012CS)	58-59 (MBP-2001BS)	19-115 (MBP-2002B)	21-187 (PS-1253G)	24-23 (MG-77A)	59-145 (EBB-40A)
MBP-4015T (46-430)	16-281 (MBP-2347FT)	17-64 (MBW-2012CS)	58-198 (MBP-2353)	19-115 (MBP-2002B)	21-269 (PS-313)	- - - -	18-26 (MCS-3084)
MBP-4016T (46-319)	16-248 (MBP-3049FT)	17-64 (MBW-2012CS)	58-59 (MBP-2001BS)	19-115 (MBP-2002B)	21-234 (PS-1214C)	24-23 (MG-77A)	59-84 (EBA-55)
MBP-4017T (46-893)	16-279 (MBP-3023FT)	17-64 (MBW-2012CS)	58-59 (MBP-2001BS)	19-115 (MBP-2002B)	21-359 (PS-1428A)	24-23 (MG-77A)	59-145 (EBB-40A)
MBP-4018T (46-912)	16-396 (MBP-3411T)	17-64 (MBW-2012CS)	58-250 (MBP-2022S)	19-115 (MBP-2002B)	21-370 (PS-2330A)	24-24 (MZ-364)	59-194[b] (EBB-137A)
MBP-4019T (46-928)	16-396 (MBP-3411T)	17-64 (MBW-2012CS)	58-255 (MBP-2022AS)	19-115 (MBP-2002B)	21-370 (PS-2330A)	24-24 (MZ-364)	59-194[b] (EBB-137A)

[a] Field Coil Package. Frame & Field Assembly is not available for service.
[b] 90-2139 Bendix Pin Pkg. is also available.

MBP-4000 Series Starting Motor Parts List

Assembly	Intermed. Bearing Assembly (8)	Intermed. Bearing Gasket (9)	Brush Spring Set (10)	Yoke (11)	Miscell. Yoke Parts Package (12)	Moving Core Assembly (13)	Pin, Stop & Lock Ring Package (14)	Spring & Plug Package (15)
MBP-4007 (46-715)	36-522 (MZ-1332A)	- - - -	50-263 (MZ-19S)	23-5 (MZ-2329)	- - - -	- - - -	- - - -	- - - -
MBP-4008T (46-768)	36-149 (MAB-20400)	- - - -	50-261 (MZ-19CS)	- - - -	- - - -	- - - -	- - - -	- - - -
M8P-4009T (46-433)	36-149 (MAB-20400)	- - - -	50-261 (MZ-19CS)	- - - -	- - - -	- - - -	- - - -	- - - -
MBP-4012T (46-104)	36-346 (MZ-1360A)	36-372 (MZ-359A)	50-261 (MZ-19CS)	- - - -	- - - -	- - - -	- - - -	- - - -
M8P-4013T - - - -	36-522 (MZ-1332A)	- - - -	50-261 (MZ-19CS)	23-19 (MZ-2349)	90-552	36-356 (SSX-10210)	- - - -	50-242 (SSX-34AS)
MBP-4014T (46-426)	36-415 (MAW-21298)	- - - -	50-261 (MZ-19CS)	- - - -	- - - -	- - - -	- - - -	- - - -
MBP-4015T (46-430)	36-522 (MZ-1332A)	- - - -	50-261 (MZ-19CS)	23-19 (MZ-2349)	90-552	36-356 (SSX-10210)	90-502	50-242 (SSX-34AS)
MBP-4016T (46-319)	36-149 (MAB-20400)	- - - -	50-261 (MZ-19CS)	- - - -	- - - -	- - - -	- - - -	- - - -
MBP-4017T (46-893)	36-415 (MAW-21298)	- - - -	50-261 (MZ-19CS)	- - - -	- - - -	- - - -	- - - -	- - - -
MBP-4018T (46-912)	36-346 (MZ-1360A)	36-372 (MZ-359A)	50-261 (MZ-19CS)	- - - -	- - - -	- - - -	- - - -	- - - -
M8P-4019T (46-928)	36-346 (MZ-1360A)	36-372 (MZ-359A)	50-261 (MZ-19CS)	- - - -	- - - -	- - - -	- - - -	- - - -

Assembly	Term. Stud & Sw. Cont. Package (16)	Cover Band (17)	Oil Seal (18)	Mounting Screw Package (19)	Clamp Assembly (20)	Thrust Washer Package (21)	Connector (22)	Switch (23)
MBP-4007 (46-715)	90-435	36-321 (MZ-24A)	- - - -	- - - -	- - - -	90-553	- - - -	15-43 (SW-2813)
M8P-4008T (46-768)	- - - -	36-590 (MZ-24U)	- - - -	- - - -	- - - -	90-473	- - - -	- - - -
M8P-4009T (46-433)	- - - -	36-590 (MZ-24U)	- - - -	- - - -	- - - -	90-473	36-579 (MAX-140L)	15-198 (SAS-4409T)
MBP-4012T (46-104)	- - - -	36-342 (MZ-1024AD)	36-362 (XA-832)	90-822	- - - -	90-539	- - - -	- - - -
M8P-4013T - - - -	- - - -	36-590 (MZ-24U)	- - - -	- - - -	37-153 (SSX-1023B)	90-553	26-255 (MZ-370)	- - - - (SAA-4006T)
MBP-4014T (46-426)	- - - -	36-590 (MZ-24U)	- - - -	- - - -	- - - -	90-263	- - - -	- - - -
M8P-4015T (46-430)	- - - -	36-590 (MZ-24U)	- - - -	- - - -	37-153 (SSX-1023B)	90-553	26-185 (MBP-56)	15-86 (SAA-4006T)
M8P-4016T (46-319)	- - - -	36-590 (MZ-24U)	- - - -	- - - -	- - - -	90-540	- - - -	- - - -
MBP-4017T (46-893)	- - - -	36-590 (MZ-24U)	- - - -	- - - -	- - - -	90-263	- - - -	- - - -
M8P-4018T (46-912)	- - - -	36-342 (MZ-1024AD)	36-362 (XA-832)	90-822	- - - -	90-539	- - - -	- - - -
M8P-4019T (46-928)	- - - -	36-342 (MZ-1024A0)	36-362 (XA-832)	90-822	- - - -	90-539	- - - -	- - - -

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OE-92 PARTS BINDER

TEMPORARY PARTS LIST

prestolite®

SERVICE PARTS LIST

ASSY. NO. MBP-4018

SALES NO. 46-2597

STARTING MOTOR

ISSUED 7-9-84

Application Teledyne Wisconsin

Service Part No.	No. Used	Part Description	Prestolite Sales No.
MBP-3411	1	ARMATURE	16-927
MZ-24A	1	BAND,COVER	36-321
MZ-1360A	1	BEARING ASSEMBLY,INTERMEDIATE	36-346
EBB-137A	1	BENDIX DRIVE(FACET #480369)	59-194
90-2139	1	BENDIX PIN PACKAGE (25PCS.)	90-2139
MBP-1005CS	1	FIELD COIL PKG.(POLE SHOE SCREWS INCL.)	20-738
*	1	Brush	
*	1	Brush	
MBP-2002CS	1	HEAD ASSEMBLY,COMM.END	19-201
*	2	Brush,Ground	
MZ-19S	1	SPRING SET,BRUSH	50-263
PS-2330S	1	HOUSING ASSEMBLY,PINION	21-373
MZ-364	1	BEARING,ABS.BRONZE	24-24
XA-1481	1	SEAL,OIL	36-1071
90-822	1	MOUNTING SCREW PKG.,INTERM.BEARING	90-822
90-2855	1	TERMINAL STUD PKG.(HDWE.INCL.)	90-2855
90-539	1	THRUST WASHER PACKAGE	90-539
MBW-2012SS	*	BRUSH SET,SERVICE	17-243

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