prestolite®

SERVICE PARTS LIST

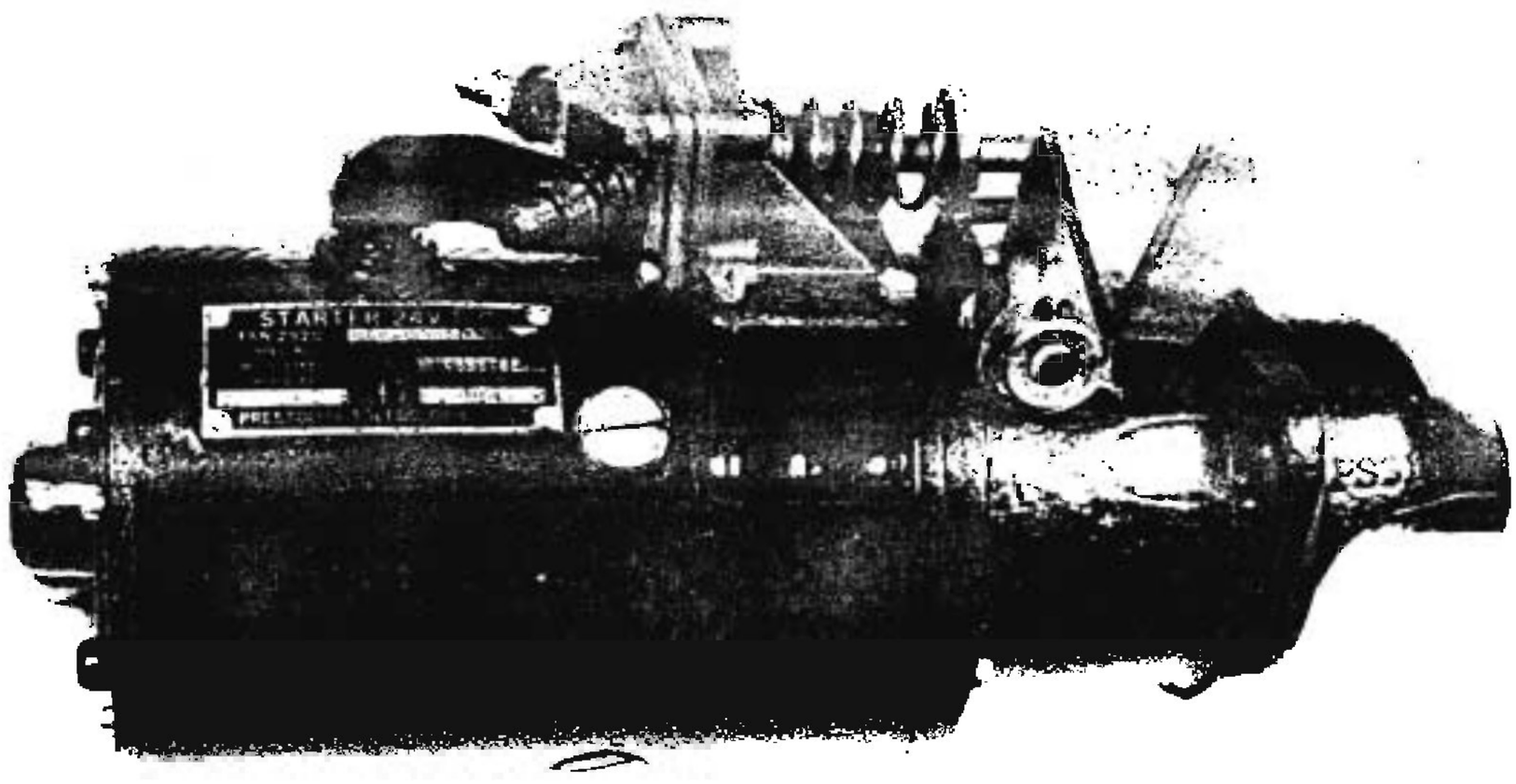
MCZ-4000 SERIES

MOTORS

ISSUED: 3-19-81 (Rev.)

ORIG.EQUIP.MOTOR SERVICE MOTOR VOLTS: 12 & 24

ENG. NUMBER	ENG. NUMBER	SALES NUMBER	APPLICATION
MCZ-4001UT	MCZ-4001UT	46-113	Jeep Corp.(Military)
MCZ-4002UT	MCZ-4002UT	46-238	Chrysler Corp.(Military)
MCZ-4005AUT	MCZ-4005AUT	46-239	Ford,Jeep,A.M.General(Mil.)
MCZ-4005UT	MCZ-4005UT	46-240	Ford,Jeep,A.M.General(Mil.)
MCZ-4007UT	MCZ-4007UT	46-853	Northrup Corp.(Military)
MCZ-4103T	MCZ-4103T	46-752	Chrysler Corp.(Military)
MCZ-4110T	MCZ-4110T	46-213	Food Mach.Corp.(Military)
MCZ-4111T	MCZ-4111T	46-805	Hercules,Northrup(Mil.)
MCZ-4302T	MCZ-4302T	46-802	Consolidated Diesel(Mil.)



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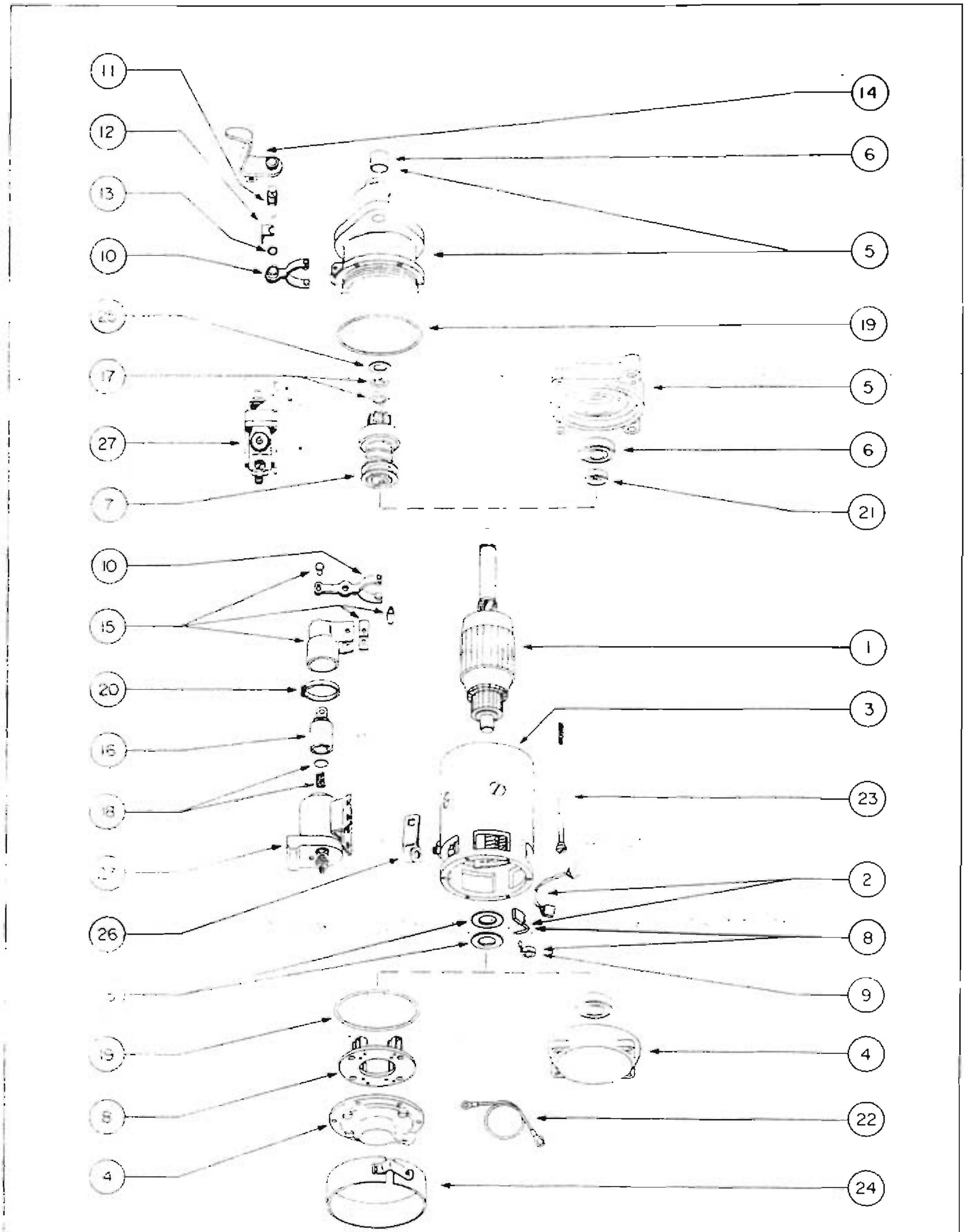
File in the
OE-92 PARTS BINDER

MOTOR SECTION

MCZ-4000 Series Motor Parts List



Exploded View of Typical MCZ Motor

Assembly	Armature (1)	Brush Set (2)	Frame & Field Assembly (3)	Comm. End Head Assembly (4)	D.E. Head or Pinion Hsg. (5)	D.E. Bearing (6)	Bendix Dr. or Clutch (7)
MCZ-4001UT (46-113)	16-166 (MCZ-2006F)	17-74 (MCS-2012S)	58-190 (MCS-2079S)	19-109 (MCS-1083)	21-192 (PS-1310)	24-28 (MP-41A)	18-24 (MCL-3161A)
MCZ-4002UT (46-238)	"	"	58-45 (MCS-2079S-1)	19-391 (MCS-1002S)	21-190 (PS-1312)	"	18-10 (MCS-3075)
MCZ-4005AUT (46-239)	16-205 (MCZ-2033F)	17-73 (MCS-2012CS)	58-115 (MCS-3092S-1)	"	22-56 (MCZ-1030)	24-63 (MCZ-31)	[NR]
MCZ-4005UT (46-240)	"	"	58-51 (MCS-3092S)	"	"	"	59-210 (EB8-159A)
MCZ-4007UT (46-853)	16-166 (MCZ-2006F)	17-74 (MCS-2012S)	58-262 (MCS-2079S-3)	19-109 (MCS-1083)	21-192 (PS-1310)	24-28 (MP-41A)	18-10 (MCS-3075)
MCZ-4103T (46-752)	16-206 (MCZ-2047F)	17-20 (MCS-1012S)	58-49 (MCZ-2046S)	19-99 (MCZ-2002)	21-188 (PS-1309)	"	"
MCZ-4110T (46-213)	"	"	58-85 (MCZ-2081S-1)	"	21-240 (PS-1409)	24-59 (XA-940)	"
MCZ-4111T (46-805)	"	"	58-355 (MCZ-2081S-3)	"	21-167 (PS-1325)	24-28 (MP-41A)	18-32 (MCL-3116)
MCZ-4302T (46-802)	16-462[a] (MCZ-2111S)	[b]	[NA]	[NA]	[NA]	[b]	[NR]

[a] Includes 90-2131 Bearing & Brush Package.
[b] 90-2131 Package is available. Package contains Bearings & Retainer, Brushes & Brush Springs, Thru Bolts & Thrust Washers.
[NA] Not available.
[NR] Not required.

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Assembly	Brush Plate Assembly (8)	Brush Spring Set (9)	Yoke Assembly (10)	Yoke Shaft (11)	Yoke Shaft Retainer (12)	Yoke Shaft "O" Ring (13)	Yoke Shaft Lever (14)
MCZ-4001UT (46-113)	36-236 (MCS-1278)	50-261 (MZ-19CS)	23-14 (MCZ-2050)	36-868 (MDZ-77)	36-568 (MCZ-49)	36-1028 (XA-744CS)	36-240 (MCZ-1075)
MCZ-4002UT (46-238)	"	"	"	"	"	"	36-570 (MCZ-1074)
MCZ-4005AUT (46-239)	"	"	[NR]	[NR]	[NR]	[NR]	[NR]
MCZ-4005UT (46-240)	"	"	[NR]	[NR]	[NR]	[NR]	[NR]
MCZ-4007UT (46-853)	"	"	23-14 (MCZ-2050)	36-868 (MDZ-77)	36-568 (MCZ-49)	36-1028 (XA-744CS)	36-826 (MCZ-1100)
MCZ-4103T (46-752)	[NR]	"	23-23 (MCH-2074A)	[NR]	[NR]	[NR]	[NR]
MCZ-4110T (46-213)	[NR]	"	23-17 (MCH-2074D)	[NR]	[NR]	[NR]	[NR]
MCZ-4111T (46-805)	[NR]	"	"	[NR]	[NR]	[NR]	[NR]
MCZ-4302T (46-802)	[NR]	[b]	[NR]	[NR]	[NR]	[NR]	[NR]

[b] 90-2131 Package is available. Package contains Bearings & Retainer, Brushes & Brush Springs, Thru Bolts & Thrust Washers.
[NR] Not required.

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Assembly	Misc. Yoke Parts Package (15)	Moving Core Assembly (16)	Pin, Stop & Lock Ring Package (17)	Spring & Plug Package (18)	End Head "O" Ring Seal (19)	Clamp Assembly (20)	Snap Ring Retainer (21)
MCZ-4001UT (46-113)	[NR]	[NR]	90-502	[NR]	36-361 (XA-744N)	[NR]	[NR]
MCZ-4002UT (46-238)	[NR]	[NR]	"	[NR]	"	[NR]	[NR]
MCZ-4005AUT (46-239)	[NR]	[NR]	[NR]	[NR]	"	[NR]	[NR]
MCZ-4005UT (46-240)	[NR]	[NR]	[NR]	[NR]	"	[NR]	[NR]
MCZ-4007UT (46-853)	[NR]	[NR]	90-502	[NR]	"	[NR]	[NR]
MCZ-4103T (46-752)	90-552	36-356 (SSX-10210)	"	50-242 (SSX-34AS)	[NR]	37-153 (SSX-1023B)	[NR]
MCZ-4110T (46-213)	90-620	[NR]	"	[NR]	[NR]	[NR]	[NR]
MCZ-4111T (46-805)	"	[NR]	"	[NR]	[NR]	[NR]	[NR]
MCZ-4302T (46-802)	[NR]	[NR]	[NR]	[NR]	[NR]	[NR]	[b]

[b] 90-2131 Package is available. Package contains Bearings & Retainer, Brushes & Brush Springs, Thru Bolts & Thrust Washers.
[NR] Not required.

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Assembly	Lead Assembly (22)	Thru Bolt Package (23)	Cover Band (24)	Thrust Washer Package (25)	Switch Connector (26)	Switch (27)	
MCZ-4001UT (46-113)	[NR]	[NR]	[NR]	90-503	36-569 (MCZ-64)	15-256 (MCZ-2073B)	
MCZ-4002UT (46-238)	[NR]	[NR]	[NR]	"	"	"	
MCZ-4005AUT (46-239)	[NR]	[NR]	[NR]	90-339	[NR]	[NR]	
MCZ-4005UT (46-240)	[NR]	[NR]	[NR]	"	[NR]	[NR]	
MCZ-4007UT (46-853)	[NR]	[NR]	[NR]	90-503	36-569 (MCZ-64)	15-256 (MCZ-2073B)	
MCZ-4103T (46-752)	[NR]	35-457 (GK-20CS)	36-218 (MCH-1024B)	90-81	26-225 (MCZ-82)	15-218 (SAA-4002T)	
MCZ-4110T (46-213)	26-149 (MCZ-101)	"	"	"	26-82 (MCL-50)	15-85 (SAA-4004T)	
MCZ-4111T (46-805)	"	"	"	"	"	"	
MCZ-4302T (46-802)	[NR]	[b]	[NR]	[b]	[NR]	[NR]	

[b] 90-2131 Package is available. Package contains Bearings & Retainer, Brushes & Brush Springs, Thru Bolts & Thrust Washers.
[NR] Not required.