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SERVICE PARTS LIST

MPS-4000 SERIES

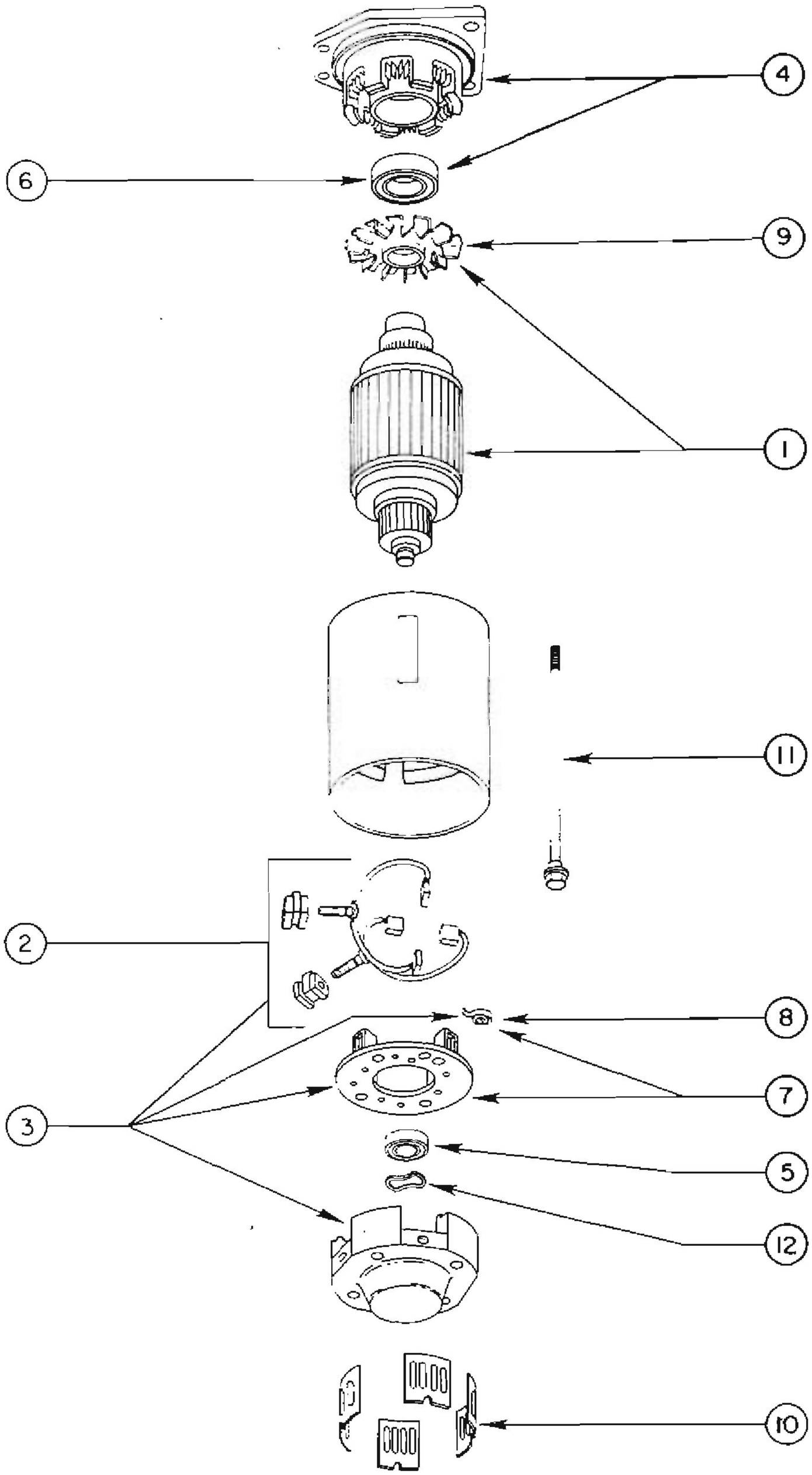
MOTORS

ISSUED: 9-3-87 (Rev.)

ORIG. EQUIP. MOTOR ENG. NUMBER	SERVICE MOTOR ENG. NUMBER	SERVICE MOTOR SALES NUMBER	VOLTS: 72 APPLICATION
MPS-4001	-----	-----	Caterpillar #398401
MPS-4002	-----	-----	Caterpillar #913635
MPS-4003	MPS-4003	46-2557	Lansing Bagnall(Export)
MPS-4004	-----	-----	Coventry Climax#EV94915(Exp)

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

MPS-4000 Series Motor Parts List



Exploded View of Typical MPS Motor

MPS-4000 SERIES

Assembly	Armature & Fan Assembly (1)	Brush Set & Term. Stud Package (2)	Comm. End Head Assy. (3)	Drive End. Head Assy. (4)	C.E. Bearing (5)	D.E. Bearing (6)	Brush Plate Assy. (7)
MPS-4001 [PB]	[PB]	17-233 (MPP-2012S)	19-396[a] (MPP-1002AS)	[PB]	25-97 (X-5078SC)	25-92 (X-4877SC)	36-1204 (MPP-1064ASC)
MPS-4002 [PB]	[PB][b]	[PB]	[PB]	[PB]	[PB]	25-7B (X-4607SC)	"
MPS-4003 (46-2557)	16-889 (MPS-3116)	17-233 (MPP-2012S)	19-396[a] (MPP-1002AS)	22-352 (MPQ-1113)	"	25-82 (X-4611SC)	"
MPS-4004 [PB]	"	"	"	[PB]	"	"	"

[PB] Private Brand Part - not available thru Prestolite.
[a] 36-105B (MJB-19S) Cable Tie Package (10 pcs.) is also available.
[b] 30-80 (MKO-408SC) Armature Coupling is available.

MPS-4000 SERIES

Assembly	Brush Spring Set (8)	Fan (9)	Cover Plate Package (10)	Thru Bolt Package (11)	Spring Washer (12)	
MPS-4001 [PB]	[c]	[NR]	36-1198 (MPP-33S)	36-1154 (MPA-20ES)	39-451 (X-4079SC)	
MPS-4002 [PB]	[c]	[NR]	[PB]	"	"	
MPS-4003 (46-2557)	[c]	34-718 (PU-714)	36-1180 (HDB-197S)	"	"	
MPS-4004 [PB]	[c]	"	"	"	"	

[PB] Private Brand Part - not available thru Prestolite.
[NR] Not required.
[c] To determine Brush Spring replacement examine old Springs and order as follows:
For Springs with 2 turns of wire use 50-417(MHC-19SS).
For Springs with 5 turns of wire use 50-524(SRP-9028S).

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SERVICE PARTS LIST

TEMPORARY PARTS LIST

ASSY. NO. MPS-4002

SALES NO. [PB]

PUMP MOTOR

ISSUED 2-12-85 Rev.: 3-12-85

Application Caterpillar #913635 "Private Brand"

Service Part No.	No. Used	Part Description	Prestolite Sales No.
[PB]	1	ARMATURE	[PB]
X-5078SC	1	BEARING,BALL,C.E.#203	25-97
MKO-40BSC	1	COUPLING,ARMATURE	30-80
[PB]	1	COVER PLATE PACKAGE,C.E.HEAD	[PB]
[PB]	1	HEAD ASSEMBLY,COMM.END	[PB]
MPP-1064SC	1	PLATE ASSEMBLY,BRUSH	36-1136
MHC-19SS	1	SPRING SET,BRUSH	50-417
*	1	Cover Plate	
[PB]	1	BRUSH SET(B.W.I.)& TERM.STUD PKG.	[PB]
[PB]	1	HEAD ASSEMBLY,DRIVE END	[PB]
X-4607SC	1	BEARING,BALL,SEALED #206	25-78
	1	Retainer(Kohinoor #N5002-244)	
MPA-20ES	1	THRU BOLT PACKAGE	36-1154
X-4079SC	1	WASHER,SPRING,C.E.BEARING	39-451

* Also serviced in MPP-33SS Package.

[PB] Private Brand Part - not available thru Prestolite.

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SERVICE PARTS LIST

ASSY. NO. MPS-4003A, AS

SALES NO. 46-3520

Pump Motor

ISSUED 6-24-88

Application Hyster Company (Export)

Service Part No.	No. Used	Part Description	Prestolite Sales No.
MPS-3116	1	ARMATURE & FAN ASSEMBLY	16-889
PU-714	1	FAN	34-718
X-5078SC	1	BEARING, BALL,C.E.#203	25-97
HDB-197S	1	COVER PLATE PKG., C.E. HEAD	36-1180
MPP-1002AS	1	HEAD ASSEMLBY, C.E.	19-396
MPP-1064ASC	1	PLATE ASSEMLBY, BRUSH	36-1204
SRP-9028S	1	SPRING SET, BRUSH	50-524
MPP-2012S	1	BRUSH SET, SERVICE	17-233
MPQ-1113	1	HEAD ASSEMLBY, DRIVE END	22-352
X-4611SC	1	BEARING,BALL,SEALED, #207	25-82
MPA-20ES	1	THRU BOLT PACKAGE	36-1154
X-4079SC	1	WASHER, SPRING,C.E. BEARING	39-451

NOTE: This is a ventilated motor; for totally enclosed motor use SP-6164 Enclosing Kit.

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File in the
OE-92 PARTS BINDER

MOTOR