prestolite®

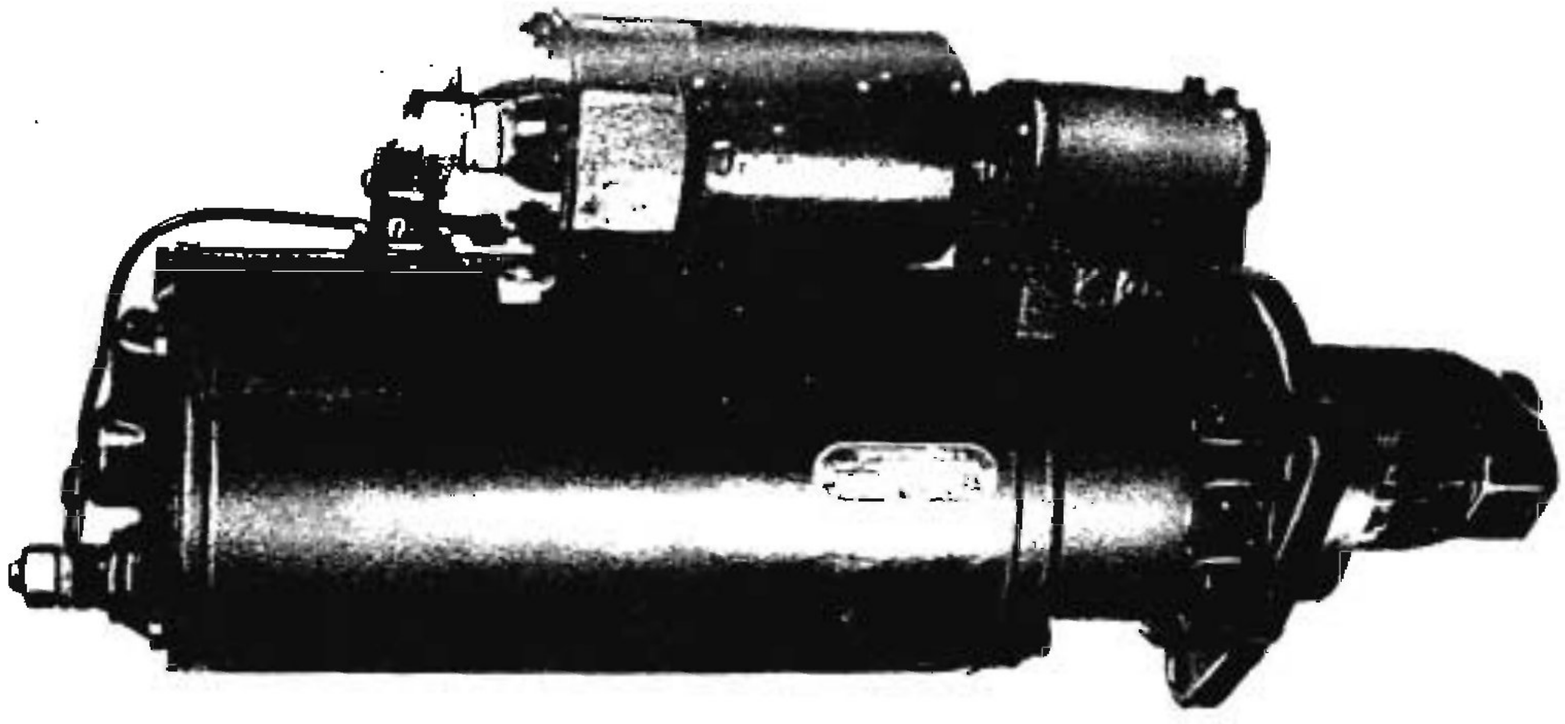
SERVICE PARTS LIST

MES-6000 SERIES

STARTING MOTORS

ISSUED: 2-19-85 (Rev.)

ORIG.EQUIP. MOTOR ENG. NUMBER		SERVICE MOTOR ENG. NUMBER	SALES NUMBER	VOLTS: 24 APPLICATION
MES-6101K	USE	MES-6601K	46-2511	Caterpillar
MES-6103AUT	USE	MES-6401AUT	46-2301	Military
MES-6103LUT	USE	MES-6401LUT	46-2348	Allis Chalmers(Military)
MES-6105AUT	USE	MES-6402AUT	46-2386	Military
MES-6201		MES-6201	46-2030	Chrysler M & I
MES-6301K	USE	MES-6601K	46-2511	Caterpillar
MES-6401AUT		MES-6401AUT	46-2301	Allis Chalmers(Military)
MES-6401CUT		MES-6401CUT	46-2302	A.M.General(Military)
MES-6401KUT		MES-6401KUT	46-2460	Allis Chalmers(Military)
MES-6401LUT		MES-6401LUT	46-2348	Allis Chalmers(Military)
MES-6402AUT		MES-6402AUT	46-2386	Caterpillar(Military)
MES-6403JUT		- - - -	- - - -	Military
MES-6404K	USE	MES-6601K	46-2511	Caterpillar
MES-6404L		MES-6404L	46-2191	Caterpillar
MES-6405D		MES-6405D	46-2171	Kenworth Motor Truck
MES-6405DA	USE	MES-6502DS	46-2599	Caterpillar
MES-6406L		MES-6406L	46-2335	J.I. Case
MES-6501D		- - - -	- - - -	Caterpillar#6N1889
MES-6502DS		MES-6502DS	46-2599	Service
MES-6601K		MES-6601K	46-2511	Caterpillar
MES-6602K		- - - -	- - - -	Caterpillar #4N3181
MES-6602L		- - - -	- - - -	Caterpillar #3T4583

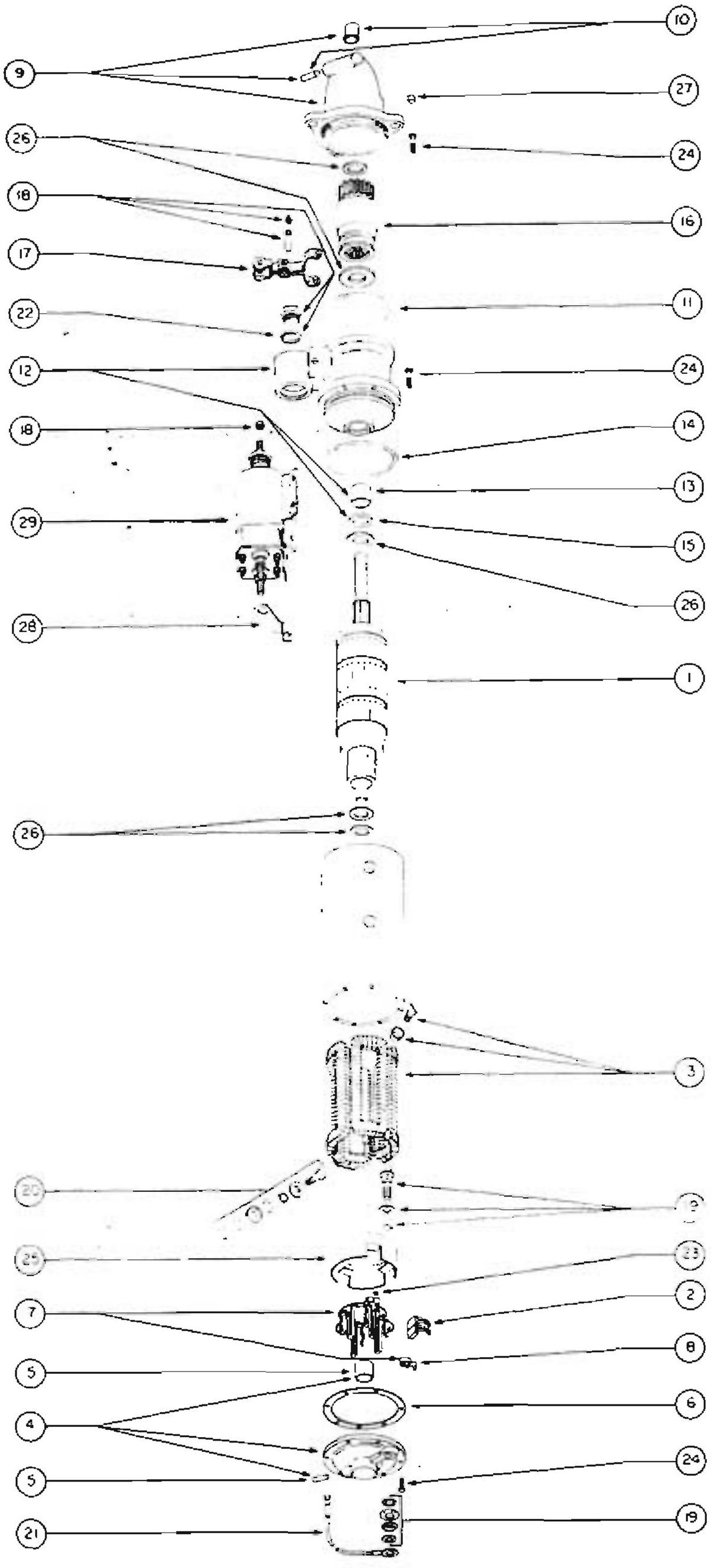


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File in the
OE-92 PARTS BINDER

MOTOR SECTION

MES-6000 Series Motor Parts List



Exploded View of Typical MES Motor

Assembly	Armature (1)	Brush Set (2)	Field Coil Package (3)	Comm. End Head Assembly (4)	C.E. Bearing (5)	C.E. Head Gasket Package (6)	Brush Plate Assembly (7)
MES-6101K (46-895)	16-886 (MES-2205)	17-139 (MES-1012AS)	20-365 (MES-3005S)	19-395 (MFY-1002MS)	90-2123[a]	36-749A[b] (MES-95S)	36-792 (MES-1064B)
MES-6103AUT (46-2095)	16-882 (MES-220SA)	"	58-278[c] (MES-2106AS)	"	"	"	36-871 (MES-1064A)
MES-6103LUT (46-2052)	"	"	"	"	"	"	"
MES-6105AUT (46-2048)	"	"	"	"	"	"	"
MES-6201 (46-2030)	16-469 (MES-2112)	"	20-410 (MES-3005AS)	19-246 (MFY-1002FS-1)	24-3 (G8F-79)	[NR]	36-792 (MES-1064B)
MES-6301K (46-2069)	16-886 (MES-2205)	17-156 (MES-1012BS)	20-432 (MES-1005AS)	19-395 (MFY-1002MS)	90-2123[a]	36-749A[b] (MES-95S)	36-883 (MES-1064C)
MES-6401AUT (46-2301)	16-882 (MES-220SA)	17-168 (MFJ-20120S)	58-325[c] (MES-2106CS)	"	"	"	36-937 (MES-10640)
MES-6401CUT (46-2302)	"	"	"	"	"	"	"
MES-6401KUT (46-2460)	"	"	"	"	"	"	"
MES-6401LUT (46-2348)	"	"	"	"	"	"	"
MES-6402AUT (46-2386)	"	"	"	"	"	"	"
MES-6403JUT [NA]	"	"	"	"	"	"	"
MES-6404K (46-2151)	16-886 (MES-2205)	"	20-432 (MES-1005AS)	"	"	"	"
MES-6404L (46-2191)	"	"	"	"	"	"	"
MES-6405D (46-2[illegible])	"	"	"	"	"	"	"
MES-6405DA (46-2256)	"	"	"	"	"	"	"
MES-6406L (46-2335)	"	"	"	"	"	"	"
MES-6501D [PB]	"	"	"	"	"	"	"
[illegible]	"	"	"	"	"	"	"
MES-6601K (46-2511)	"	"	"	"	"	"	"
MES-6602K,L [PB]	"	"	"	"	"	"	"

[PB] Private Brand Part - not available thru Prestolite.
[a] Bearing & Wick Package.
[b] 5 Pieces.
[c] Frame & Field Assembly, Field Coils not serviced separately.
[NR] Not required.
[NA] Not available.

File in the
OF-02 PARTS BINDER

MOTOR SECTION

MES-6000 SERIES

Assembly	Brush Spring Set (8)	Pinion Housing Assembly (9)	D.E. Bearing & Wick Pkg. (10)	Pin,Hsg. O Ring or Gasket (11)	Intermed. Housing Assembly (12)	Intermed. Bearing (13)	Int.Hsg. O Ring Seal (14)
MES-6101K (46-895)	50-267 (MBO-19S)	21-362 (PS-1390CS)	90-989	36-754 (XA-744AQ)	36-845[e] (MFY-2030AS)	24-21 (ML-21A)	36-755 (XA-744Z)
MES-6103AUT (46-2095)	"	"	"	"	36-872[f] (MFY-2030B)	"	"
MES-6103LUT (46-2052)	"	"	"	"	"	"	"
MES-6105AUT (46-2048)	"	"	"	"	"	"	"
MES-6201 (46-2030)	"	21-380 (PS-1452S)	"	36-782A[d] (MBD-334S)	36-854 (MEU-2030)	"	[NR]
MES-6301K (46-2069)	"	21-362 (PS-1390CS)	"	36-754 (XA-744AQ)	36-884 (MES-2116S)	"	36-755 (XA-744Z)
MES-6401AUT (46-2301)	"	"	"	"	"	"	"
MES-6401CUT (46-2302)	"	"	"	"	"	"	"
MES-6401KUT (46-2460)	"	"	"	"	"	"	"
MES-6401LUT (46-2348)	"	"	"	"	"	"	"
MES-6402AUT (46-2386)	"	"	"	"	"	"	"
MES-6403JUT [NA]	"	"	"	"	"	"	"
MES-6404K (46-2151)	"	21-362 (PS-1390CS)	"	"	"	"	"
MES-6404L (46-2191)	"	"	"	"	"	"	"
MES-6405D (46-2171)	"	"	"	"	"	"	"
MES-6405DA (46-2256)	"	"	"	"	"	"	"
MES-6406L (46-2335)	"	"	"	"	"	"	"
MES-6501G [PB]	"	21-441 (PS-1459AS)	"	"	"	"	"
MES-6502DS (46-2544)	"	"	"	"	"	"	"
MES-6601K (46-2511)		"	"	"	"	"	"
MES-6602K,L [PB]	"	"	"	"	"	"	"

[PB] Private Brand Part - not available thru Prestolite.
[d] Gasket Pkg.(5 Pices.)
[e] This is a Partial Housing Assembly; 36-910 (MFY-378) Yoke Cover, 36-751A(MFY-38S)Gasket Package, and 90-954 Mounting Parts Package are also available.
[f] This is a Partial Housing Assembly; 36-910 (MFY-378) Yoke Cover, 36-751A(MFY-38S)Gasket Package, and 90-303 Mounting Parts Package are also available.
[NR] Not required.
[NA] Not available.

SHEET 3 ISSUED: 2-19-85 (Rev.)

Assembly	Int. Hsg. Oil Seal (15)	Positork Drive (16)	Yoke Assembly (17)	Yoke Adj. Parts Package (18)	Comm. End Term. Stud Package (19)	Field Term. Stud Package (20)	Lead Assembly (21)
MES-6101K (46-895)	36-1163 (XA-1642)	59-186 (PD-7A)	23-25 (MFY-2042A)	90-814	90-972	90-973	26-312 (MES-120)
MES-6103AUT (46-2095)	"	59-203 (PD-8A)	23-24 (MFY-2042)	"	90-810[h]	[NA]	"
MES-6103LUT (46-2052)	"	"	"	"	"	[NA]	"
MES-6105AUT (46-2048)	"	59-186 (PD-7A)	"	"	"	[NA]	"
MES-6201 (46-2030)	"	59-206 (PD-10A)	23-27 (MEU-2042)	90-2110	[j]	[j]	"
MES-6301K (46-2069)	"	59-186 (PD-7A)	23-29 (MEU-2042B)	90-2206	90-2204	90-2205	"
MES-6401AUT (46-2301)	"	59-203 (PD-8A)	"	"	90-2274	"	"
MES-6401CUT (46-2302)	"	"	"	"	"	"	"
MES-6401KUT (46-2460)	"	"	"	"	90-810[h]	[NA]	"
MES-6401LUT (46-2348)	"	"	"	"	"	[NA]	"
MES-6402AUT (46-2386)	"	59-186 (PD-7A)	"	"	90-2274	90-2205	"
MES-6403JUT [NA]	"	59-225 (PD-13A)	"	"	"	"	"
MES-6404K (46-2151)	"	59-186 (PD-7A)	"	"	"	"	"
MES-6404L (46-2191)	"	"	"	"	"	"	"
MES-6405D (46-2171)	"	59-203 (PD-8A)	"	"	"	"	"
MES-6405DA (46-2256)	"	"	"	"	"	"	"
MES-6406L (46-2335)	"	59-186 (PD-7A)	"	"	"	"	"
MES-6501D [P8]	"	59-253 (PD-15A)	"	"	"	"	"
MES-6502DS [P8-3599]	"	"	"	"	"	"	"
MES-6601K (46-2511)	"	59-223 (PD-12A)	"	"	"	"	"
MES-6602K,L [P8]	"	"	"	"	"	"	"

[P5] Private Brand Part - not available thru Prestolite.
[n] Washer & Bushing Package.
[j] C.E. & Field Terminal Stud are both serviced in 90-2556 Package.
[NA] Not available.

MES-6000 Series

Assembly	Switch Cover Plug Gasket Pkg. (22)	PH. Screw Seal Package (23)	Mtg. Screw Package Head & Hsg. (24)	Insulation Package (25)	Thrust Washer Package (26)	Pinion Housing Plug Pkg. (27)	Connector (28)	Solenoid Switch (29)
MES-6101K (46-895)	36-822A[k] (MFY-63S)	36-776[k] (XA-744APS)	90-2207	36-921[k] (MES-111BS)	90-809	36-798[m] (MFY-34S)	36-438 (MES-85)	15-421 (SAT-4107)
MES-6103AUT (46-2095)	"	"	"	[NR]	"	"	"	70-14[n] (SP-6056)
MES-6103LUT (46-2052)	"	"	"	[NR]	"	"	"	"
MES-6105AUT (46-2048)	"	"	"	[NR]	"	"	"	"
MES-6201 (46-2030)	"	[NR]	"	36-921[k] (MES-111BS)	"	[NR]	"	15-207 (S8B-4101)
MES-6301K (46-2069)	"	36-776[k] (XA-744APS)	"	"	"	36-798[m] (MFY-34S)	36-951 (MES-121)	15-421 (SAT-4107)
MES-6401AUT (46-2301)	"	"	"	[NR]	"	"	90-2475	17-14[n] (SP-6056)
MES-6401CUT (46-2302)	"	"	"	[NR]	"	"	"	"
MES-6401KUT (46-2460)	"	"	"	[NR]	"	"	36-909 (MFJ-115)	"
MES-6401LUT (46-2348)	"	"	"	[NR]	"	"	"	"
MES-6402AUT (46-2386)	"	"	"	[NR]	"	"	"	"
MES-6403JUT [NA]	"	"	"	[NR]	"	"	90-2475	"
MES-6404K (46-2151)	"	"	"	36-921[k] (MES-111BS)	"	"	36-909 (MFJ-115)	15-421 (SAT-4107)
MES-6404L (46-2191)	"	"	"	"	"	"	"	"
MES-6405D (46-2171)	"	"	"	"	"	"	"	"
MES-6405DA (46-2256)	"	"	"	"	"	"	"	"
MES-6406L (46-2335)	"	"	"	"	"	"	"	"
MES-6501D [PB]	"	"	"	"	"	"	"	"
MES-650205 (46-2409)	"	"	"	"	"	"	"	"
MES-6601K (46-2511)	"	"	"	"	90-2474	"	"	"
MES-6602K,L [PB]	"	"	"	"	"	"	"	"

[PB] Private Brand Part - not available thru Prestolite.
[k] 10 Pieces.
[m] 6 Pieces.
[n] 90-2111 Switch Hardware Package also available.
[NR] Not required.
[NA] Not available.