

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4008 STARTING MOTOR PARTS LIST

MAX-4008

Frame & Field Assembly with Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2120)	1	Frame & Field Assy.				
DK-45	1	Insulating Washer				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAW-13	2	Brush Assy. - Grounded				
MAW-29	4	Pole Piece				
MAW-37	1	Ins. Bushing				
MAX-35	1	Ins. Washer				
MAX-44	1	3/8 Steel Washer				
MAX-48	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. -L.R.				
MAW-12	1	Brush				
MAX-1009S	1	Field Coil Assy. -L.L.				
MAW-12	1	Brush				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

MAX-2002A	1	Comm. End Plate Assy.				
MAD-110	1	Felt Pad				
MZ-19	4	Brush Spring				
X-390	1	Oiler - 1/4 Hinged Top				

Armature Assembly & Parts Used With

MAD-96	1	Thrust Washer				
MAW-2030	1	Armature Assy.				
MAW-31	1	Armature Shaft Spacer				
MU-54	*	Thrust Washer - 1/32" Thick				
MU-54A	*	Thrust Washer - 1/64" Thick				
MU-54B	*	Thrust Washer - 3/64" Thick				
		1	2	3	4	5

* Use as required.

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
SS-93L	1	Connector				
SS-1053	1	Clamp Assy.				
8X-47	1	#8-32x9/16 Rd. Hd. Sc.				
8X-141	1	#8-32 Hex. Nut				
SS-1057	1	Moving Core Assy.				
SS-54	1	Rubber Cap				
SS-57	1	Core				
SS-59	1	Link Screw				
SS-60	1	3/8 Steel Washer				
SS-61	1	Spring				
SS-4101	1	Solenoid Starting Switch (See separate list for parts.)				
12X-201	2	3/8 Lock Washer				
8X-467	4	1/4-20x3/8 Hex. Hd. Sc.				
8X-830	2	3/8-16 Hex. Nut				
X-1272	4	1/4 Skpf. Washer				

Starter Clutch Assembly & Parts Used With

MAD-93	1	Yoke Spring				
MAD-95	1	Spring Retainer				
MAD-2087A	1	Yoke Assembly				
MAD-3099	1	Starter Clutch Assy.				
MAX-52	1	Yoke Pin				
SS-56	1	Link Pin				
8X-179	1	3/8-16 Hex. Nut				
12X-201	1	3/8 Lock Washer				
X-401	1	1/16x3/8 Cotter Pin				

Miscellaneous Parts

MAW-24	1	Head Band				
MN-18	1	Thrust Washer				
PS-1101	1	Pinion Housing Assy.				
MP-41A	1	Absorbent Bronze Brg.				
8X-715	1	#10-32xl 1/4 Rd. Hd. Screw				
8X-794	1	#10-32xSquare Nut				
		1	2	3	4	5

(Issued 2-1-40)

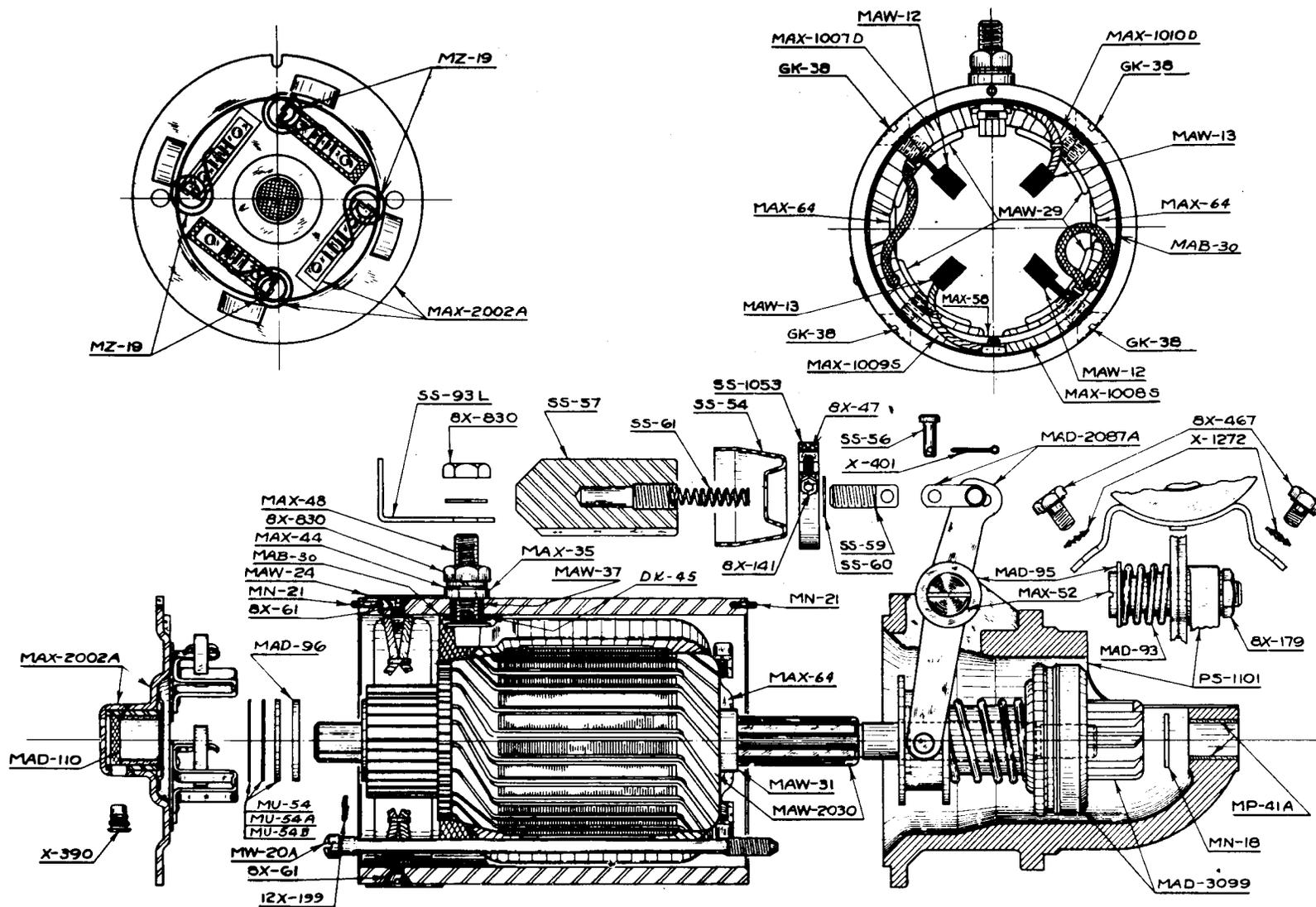
UNIT	APPLICATION
MAX-4008	Chrysler Industrial

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Equipment & Parts List Binder

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MAX-4008 STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4009 STARTING MOTOR PARTS LIST

MAX-4009

Frame & Field Assy. With Terminal Post & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-3113)	1	Frame & Field Assy.				
DK-45	1	Insulating Washer				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAW-13	2	BRUSH ASSY. - GROUNDED				
MAW-29	4	Pole Piece				
MAW-37	1	Insulating Bushing				
MAW-39	1	Insulating Block				
MAX-49	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. - L.R.				
MAW-12	1	BRUSH				
MAX-1009S	1	Field Coil Assy. - L.L.				
MAW-12	1	BRUSH				
MAX-1010	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
SW-763	1	Switch Contact - Lower				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				

Comm. End Plate Assy. & Parts Used With

MAX-3059	1	Comm. End Plate Assy.				
MAD-110	1	Felt Pad				
MZ-19	4	Brush Spring				
X-390	1	Oiler - 1/4 Hinged Top				

Armature Assembly & Parts Used With

MAX-61	1	5/8 Steel Washer				
MAW-75	1	Thrust Washer				
MAW-76	1	Thrust Washer				
MAW-2069	1	ARMATURE ASSEMBLY				
MU-54	1	Thrust Washer - 1/32" Thick				
		1	2	3	4	5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
SW-2677A	1	STARTING SWITCH ASSY.				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
8X-321	2	#10-32x5/16 Rd. Hd. Sc.				
X-1270	2	#10 Skpf. Washer				

Starter Clutch & Parts Used With

MAW-33	1	Pivot Screw				
MAW-70	1	Felt Washer				
MAW-71	1	Felt Retainer				
MAW-72	1	Felt Guard				
MAW-73	1	Thrust Washer				
MAW-74	1	Starter Clutch Shaft Gear				
MAW-79	1	Starter Clutch Shaft				
MAW-2080	1	Yoke Assembly				
MAW-3086	1	STARTER CLUTCH ASSY.				
8X-179	1	3/8-16 Hex. Nut				
12X-201	1	3/8 Lock Washer				
X-261	1	#6 Woodruff Key				

Miscellaneous Parts

MAW-24	1	Head Band				
MAW-1078	1	Intermediate Plate Assy.				
MAW-77	1	ABSORBENT BRONZE BRG.				
MG-77A	1	ABSORBENT BRONZE BRG.				
X-489	1	1/4 Oiler - Press in Type				
MN-18	1	Thrust Washer				
PS-1104	1	Pinion Housing Assy.				
MN-21	1	Dowel Pin				
MP-41A	1	Absorbent Bronze Brg.				
8X-87	1	1/4-20x7/8 Hex. Hd. Sc.				
8X-89	2	1/4-20x1 Hex. Hd. Screw				
X-196	3	#10 Lock Washer				
12X-199	3	1/4 Lock Washer				
8X-311	3	#10-32x3/8 Rd. Hd. Screw				
8X-715	1	#10-32x1 1/4 Rd. Hd. Sc.				
8X-794	1	#10-32 Square Nut				
8X-865	1	1/8 Pipe Plug				
		1	2	3	4	5

(Issued 5-23-39)

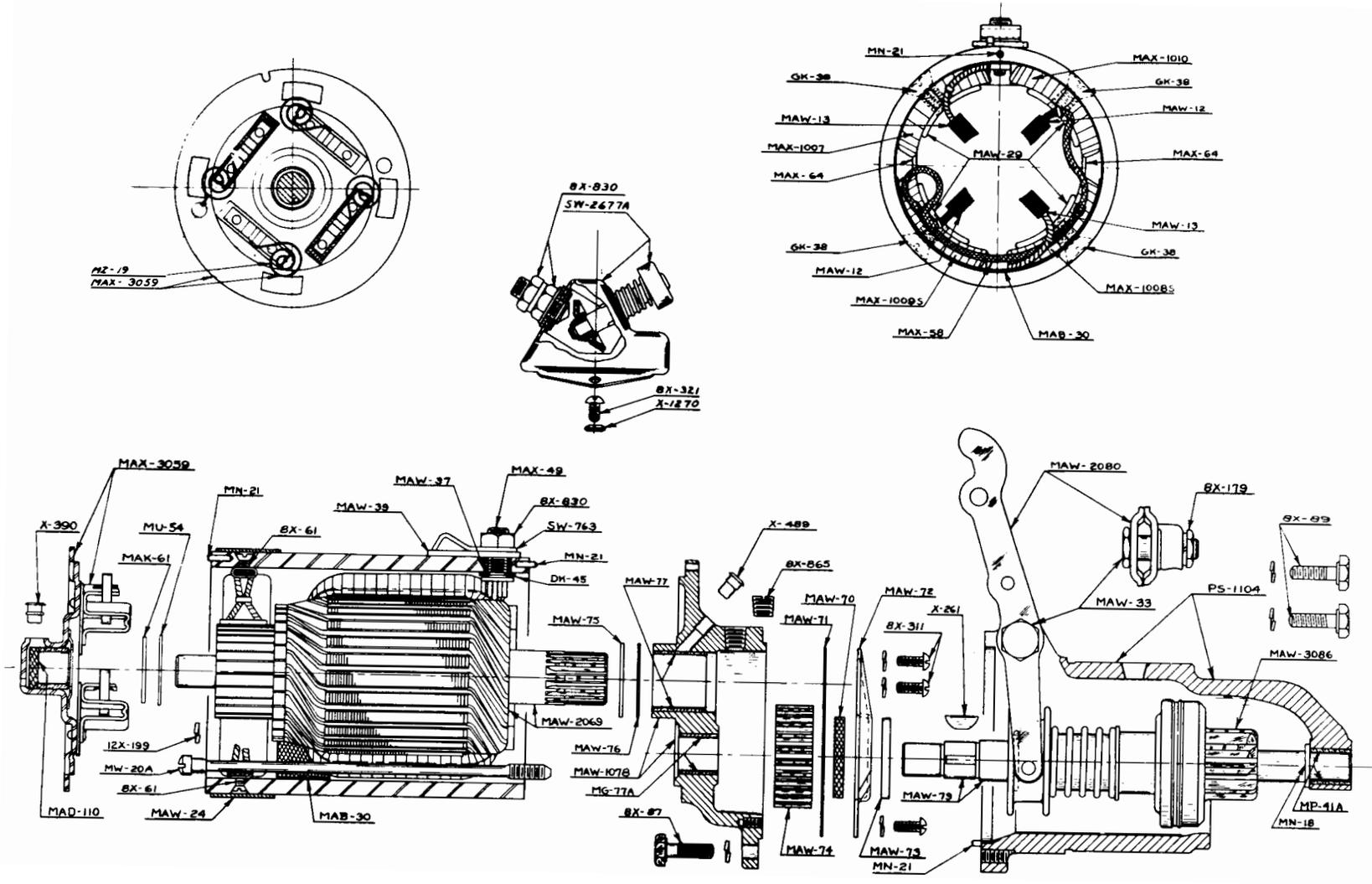
UNIT	APPLICATION
MAX-4009	Dodge Truck

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MAX-4009 STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4010 STARTING MOTOR PARTS LIST

MAX-4010

Frame & Field With Terminal Post & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-3121)	1	Frame & Field Assy.				
DK-45	1	Insulating Washer				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAW-13	2	BRUSH ASSY.- GROUNDED				
MAW-29	4	Pole Piece				
MAW-37	1	Insulating Bushing				
MAX-35	1	Insulating Washer				
MAX-44	1	3/8 Steel Washer				
MAX-48	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. - L.R.				
MAW-12	1	BRUSH				
MAX-1009S	1	Field Coil Assy. - L.L.				
MAW-12	1	BRUSH				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				

Comm. End Plate Assy. & Parts Used With

MAX-3059	1	Comm. End Plate Assy.				
MAD-110	1	Felt Pad				
MZ-19	4	Brush Spring				
X-390	1	Oiler - 1/4 Hinged Top				

Armature Assembly & Parts Used With

MAK-61	1	5/8 Steel Washer				
MAW-75	1	Thrust Washer				
MAW-76	1	Thrust Washer				
MAW-2069	1	ARMATURE ASSEMBLY				
MU-54	1	Thrust Washer - 1/32" Thick				
		1	2	3	4	5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAW-66R	1	Connector				
MU-37	1	5/16 Plain Washer				
LS-4001	1	SOLENOID STARTING SWITCH				
12X-196	1	#10 Lock Washer				
8X-832	2	5/16-24 Hex. Nut				
12X-1014	2	5/16 Lock Washer				
8X-1372	1	#10-32 Hex. Nut				
8X-321	2	#10-32x5/16 Rd. Hd. Sc.				
X-1270	2	#10 Skpf. Washer				

Miscellaneous Parts

EB-48	1	BENDIX DRIVE				
MAW-24	1	Head Band				
MAW-70	1	Felt Washer				
MAW-71	1	Felt Retainer				
MAW-72	1	Felt Guard				
MAW-84	1	Bendix Drive Shaft				
MAW-87	1	Bendix Shaft Gear				
MAX-1060	1	Intermediate Plate Assy.				
MAW-77	1	ABSORBENT BRONZE BRG.				
MC-77A	1	ABSORBENT BRONZE BRG.				
X-489	1	1/4 Oiler - Press in Type				
MN-18	1	Thrust Washer				
PS-1105	1	Pinion Housing Assy.				
MN-21	1	Dowel Pin				
MP-41A	1	Absorbent Bronze Brg.				
8X-89	2	1/4-20x1 Hex. Hd. Screw				
X-196	3	#10 Lock Washer				
12X-199	3	1/4 Lock Washer				
X-261	2	#6 Woodruff Key				
8X-311	3	#10-32x3/8 Rd. Hd. Screw				
8X-464	1	1/4-20x3/4 Hex. Hd. Screw				
8X-505	1	1/8 Pipe Plug				
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 5-23-39)

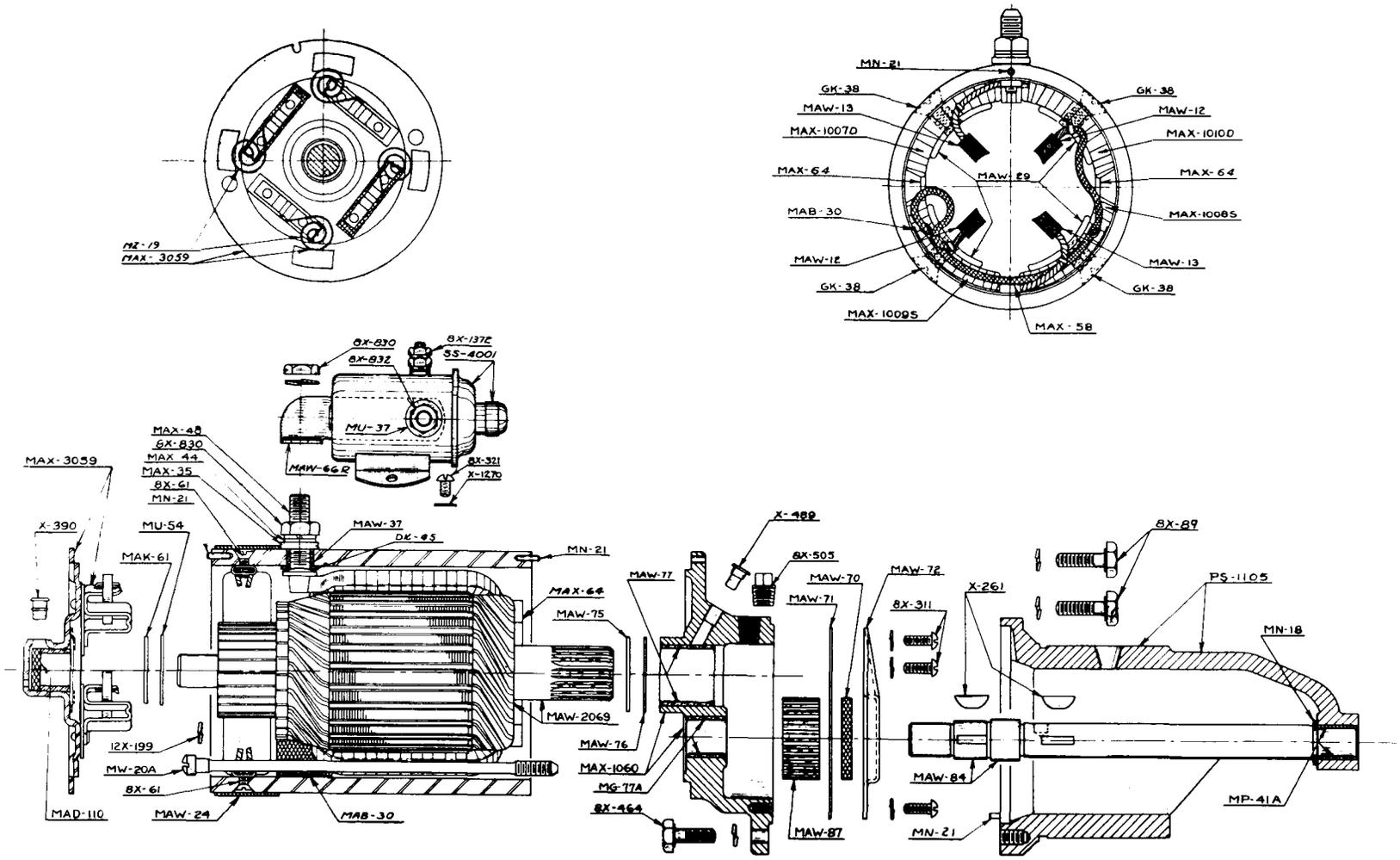
UNIT	APPLICATION
MAX-4010	Chrysler Marine

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MAX-4010 STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4011 STARTING MOTOR PARTS LIST

MAX-4011

Frame & Field Assy. With Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-3121)	1	Frame & Field Assy.				
DK-45	1	Insulating Washer				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAW-13	2	BRUSH ASSY.- GROUNDED				
MAW-29	4	Pole Piece				
MAW-37	1	Insulating Bushing				
MAX-35	1	Insulating Washer				
MAX-44	1	3/8 Steel Washer				
MAX-48	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. - L.R.				
MAW-12	1	BRUSH				
MAX-1009S	1	Field Coil Assy. - L.L.				
MAW-12	1	BRUSH				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				

Comm. End Plate Assy. & Parts Used With

MAX-3059	1	Comm. End Plate Assy.
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assembly & Parts Used With

MAK-61	1	5/8 Steel Washer
MAW-75	1	Thrust Washer
MAW-76	1	Thrust Washer
MAW-2069	1	ARMATURE ASSEMBLY
MU-54	1	Thrust Washer - 1/32" Thick
		1 2 3 4 5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAW-66R	1	Connector				
MU-37	1	5/16 Plain Washer				
SS-4001	1	SOLENOID STARTING SWITCH				
12X-196	1	#10 Lock Washer				
8X-832	2	5/16-24 Hex. Nut				
12X-1014	2	5/16 Lock Washer				
8X-1372	1	#10-32 Hex. Nut				
8X-321	2	#10-32x5/16 Rd. Hd. Screw				
X-1270	2	#10 Skpf. Washer				

Miscellaneous Parts

EB-48	1	BENDIX DRIVE ASSEMBLY
MAW-24	1	Head Band
MAW-70	1	Felt Washer
MAW-71	1	Felt Retainer
MAW-72	1	Felt Guard
MAW-84	1	Bendix Drive Shaft
MAW-87	1	Bendix Shaft Gear
MAX-1060	1	Intermediate Plate Assy.
MAW-77	1	ABSORBENT BRONZE BRG.
MG-77A	1	ABSORBENT BRONZE BRG.
X-489	1	1/4 Oiler - Press in Type
MN-18	1	Thrust Washer
PS-1106	1	Pinion Housing Assy.
MN-21	1	Dowel Pin
MP-41A	1	Absorbent Bronze Brg.
8X-87	1	1/4-20x7/8 Hex. Hd. Sc.
8X-89	2	1/4-20x1 Hex. Hd. Screw
X-196	3	#10 Lock Washer
12X-199	3	1/4 Lock Washer
X-261	2	#6 Woodruff Key
8X-311	3	#10-32x3/8 Rd. Hd. Screw
8X-505	1	1/8 Pipe Plug
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw
8X-794	1	#10-32 Square Nut
		1 2 3 4 5

(Issued 5-23-39)

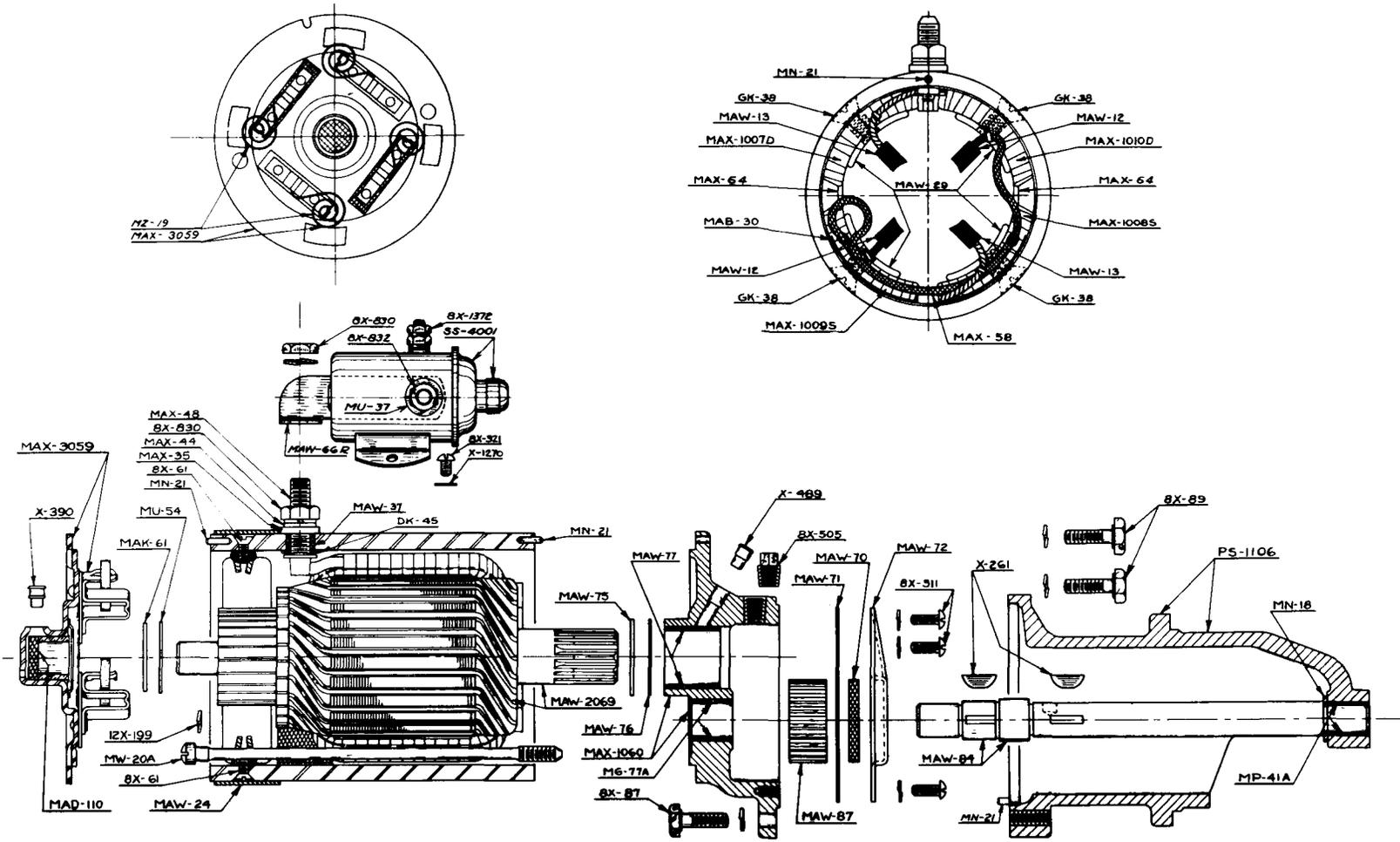
UNIT	APPLICATION
MAX-4011	Chrysler Marine

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MAX-4011 STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4014 STARTING MOTOR PARTS LIST

MAX-4014

Frame & Field Assembly with Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2123)	1	Frame & Field Assy.				
GK-38A	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAB-31	1	Insulating Washer				
MAB-85	1	Insulating Bushing				
MAX-80	1	Insulating Washer				
MAW-13	2	Brush Assy. - Grounded				
MAW-29	4	Pole Piece				
MAW-52	1	Field Connection Ins.				
MAX-26	2	Field Coil Connector				
MAX-47	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. - L.R.				
MAW-12	1	Brush				
MAX-1009S	1	Field Coil Assy. - L.L.				
MAW-12	1	Brush				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
MU-37	1	5/16 Plain Washer				
8X-61	2	#10-32x7/16 Flat Hd. So.				
X-1014	1	5/16 Lock Washer				
8X-1376	1	5/16-24 Hex. Nut				
MW-20B	2	Frame Screw				
X-199	2	1/4 Lock Washer				
X-1014	1	5/16 Lock Washer				
8X-1376	1	5/16-24 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

MAX-2002B	1	Comm. End Plate Assy.				
MAD-110	1	Felt Pad				
MZ-19	4	Brush Spring				
X-390	1	Oiler - 1/4-Hinged Top				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAK-61	1	5/8 Steel Washer				
MAW-2090	1	Armature Assy.				
MAB-35	1	Bearing Thrust Spacer				
MU-54	2	Thrust Washer				
X-261	1	#6 Woodruff Key				

Switch Assembly & Parts Used With

SS-6RA	1	Connector				
SS-4001	1	Solenoid Starting Switch				
12X-196	1	#10 Lock Washer				
8X-832	2	5/16-24 Hex. Nut				
12X-1014	2	5/16 Lock Washer				
8X-1372	1	#10-32 Hex. Nut				
2X-321	2	#10-32x5/16 Rd. Hd. So.				
X-1270	2	#10 Skpf. Washer				

Miscellaneous Parts

EBA-12	1	Bendix Drive Assembly				
MAB-2040	1	Intermediate Brg. Assy.				
MG-77A	1	Absorbent Bronze Brg.				
MAW-24A	1	Head Band				
PS-1109	1	Pinion Housing Assy.				
MAB-88	1	Dowel Pin				
MP-41A	1	Absorbent Bronze Brg.				
X-489	1	1/4 Oiler - Press in Type				
2X-715	1	#10-32x1 1/4 Rd. Hd. So.				
2X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 1-19-37)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4015 STARTING MOTOR PARTS LIST

MAX-4015

Frame & Field Assy. With Terminal Post & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAX-45	1					Bracket
(MAX-2116)	1					Frame & Field Assy.
DK-45	1					Insulating Washer
GK-38	4					Pole Piece Screw
MAB-30	1					Field Connection Ins.
MAW-13	2					BRUSH ASSY.- GROUNDED
MAW-29	4					Pole Piece
MAW-37	1					Insulating Bushing
MAW-39	1					Insulating Block
MAX-49	1					Terminal Post
MAX-58	1					Equalizer
MAX-64	2					Field Coil Connector
MAX-1007	1					Field Coil - U.L.
MAX-1008S	1					FIELD COIL Assy.-L.R.
MAW-12	1					BRUSH
MAX-1009S	1					Field Coil Assy.-L.L.
MAW-12	1					BRUSH
MAX-1010	1					Field Coil - U.R.
MN-21	2					Dowel Pin
SW-764	1					Switch Contact - Lower
8X-61	2					#10-32x7/16 Flat Hd. Sc.
8X-830	1					3/8-16 Hex. Nut
MW-20A	2					Frame Screw
12X-199	2					1/4 Lock Washer
8X-467	2					1/4-20x3/8 Hex. Hd. Screw
X-1272	2					1/4 Skpf. Washer

Comm. End Plate Assy. & Parts Used With

MAX-2002	1	Comm. End Plate Assy.
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assembly & Parts Used With

MAD-96	1	Thrust Washer
MAW-2030	1	ARMATURE ASSEMBLY
MAW-31	1	Armature Shaft Spacer
MU-54	*	Thrust Washer - 1/32" Thick
MU-54A	*	Thrust Washer - 1/64" Thick
MU-54B	*	Thrust Washer - 3/64" Thick

Starting Switch & Parts Used With

SW-2813	1	STARTING SWITCH ASSY.
12X-201	1	3/8 Lock Washer
8X-830	1	3/8-16 Hex. Nut
8X-321	2	#10-32x5/16 Rd. Hd. Screw
X-1270	2	#10 Skpf. Washer
		1 2 3 4 5

Starter Clutch & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAD-3099	1					STARTER CLUTCH ASSY.
MAW-33	1					Pivot Screw
MAW-2089	1					Yoke Assembly
8X-179	1					3/8-16 Hex. Nut
12X-201	1					3/8 Lock Washer
<u>Miscellaneous Parts</u>						
MAW-24	1					Head Band
MN-18	1					Thrust Washer
PS-1090A	1					Pinion Housing Assy.
MP-41A	1					ABSORBENT BRONZE BRG.
8X-715	1					#10-32x1 1/4 Rd. Hd. Screw
8X-794	1					#10-32 Square Nut
						1 2 3 4 5

(Issued 5-23-39)

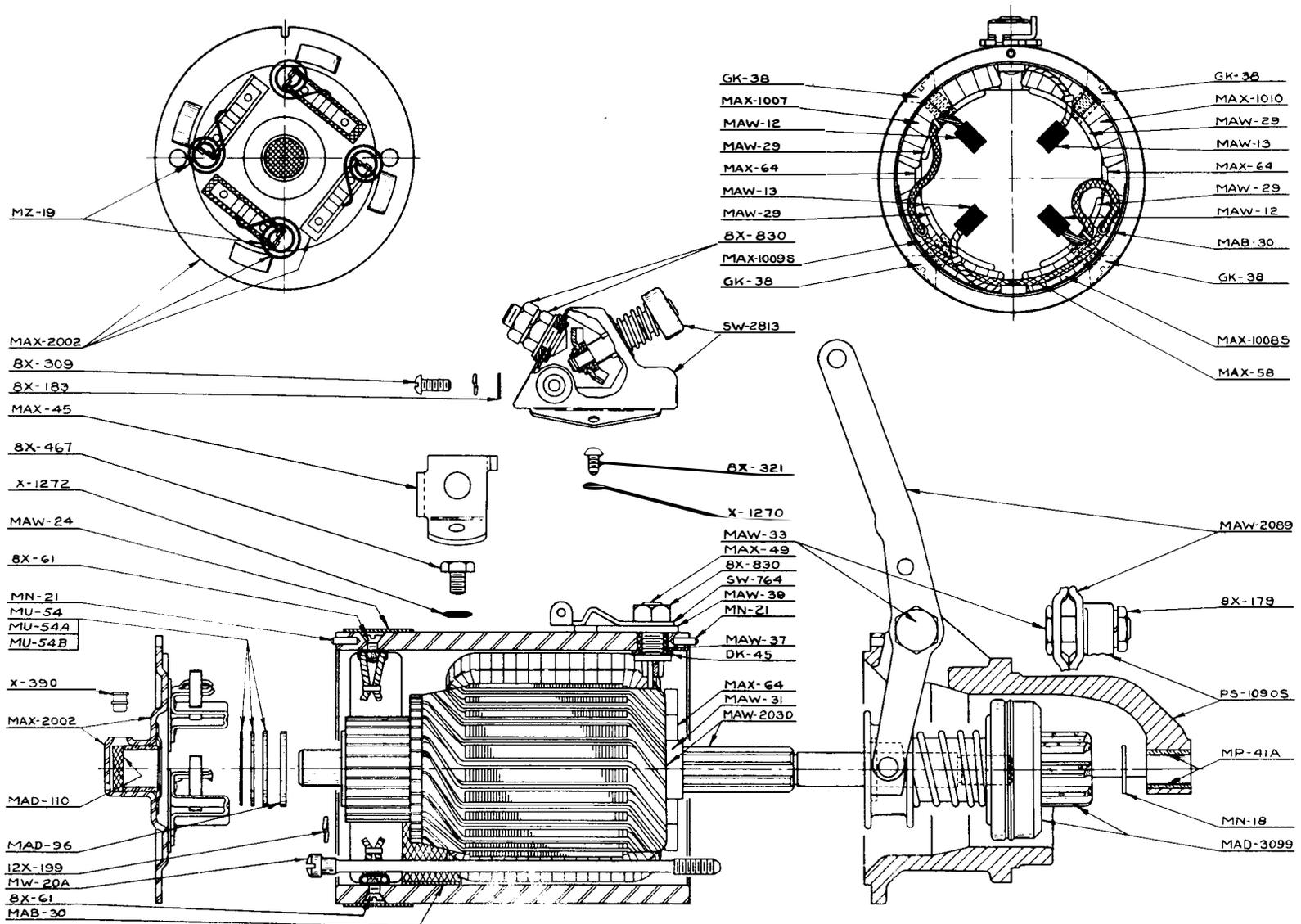
* Use as required.

UNIT	APPLICATION
MAX-4015	Chrysler, De Soto

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MAX-4015 STARTING MOTOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4016-A STARTING MOTOR PARTS LIST

MAX-4016-A

Frame & Field Assembly with Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(MAX-2115)	1	Frame & Field Assy.					
GK-38B	4	Pole Piece Screw					
MAW-13	2	Brush Assy. - Grounded					
MAW-29	4	Pole Piece					
MAW-37	1	Ins. Bushing					
MAW-52	2	Field Connection Ins.					
MAX-14	1	Terminal					
MAX-21	1	Term. Post Ins. Washer					
MAX-35	1	Ins. Washer					
MAX-43	1	Terminal Post					
MAX-44	1	3/8 Steel Washer					
MAX-58	1	Equalizer					
MAX-64	2	Field Coil Connector					
MAX-1007B	1	Field Coil - U.L.					
MAX-1008S	1	Field Coil Assy.-L.R.					
MAW-12	1	Brush					
MAX-1009S	1	Field Coil Assy.-L.L.					
MAW-12	1	Brush					
MAX-1010B	1	Field Coil - U.R.					
MN-21	2	Dowel Pin					
8X-61	2	#10-32x7/16 Flat Hd. Screw					
12X-201	1	3/8 Lock Washer					
8X-830	1	3/8-16 Hex. Nut					
MW-20A	2	Frame Screw					
12X-199	2	1/4 Lock Washer					
12X-201	1	3/8 Lock Washer					
8X-830	1	3/8-16 Hex. Nut					

Comm. End Plate Assembly & Parts Used With

MAX-2002	1	Comm. End Plate Assy.
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assembly & Parts Used With

MAD-96	1	Thrust Washer					
MAW-2030	1	Armature Assy.					
MAW-31	1	Armature Shaft Spacer					
MU-54	**	Thrust Washer - 1/32" Thick					
MU-54A	**	Thrust Washer - 1/64" Thick					
MU-54B	**	Thrust Washer - 3/64" Thick					
			1	2	3	4	5

** Use as required.

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
SS-116L	1	Connector					
*	1	Solenoid Starting Switch (See separate list for parts.)					
*	1	Moving Core Assy.					
SS-59	1	Link Screw					
SS-61	1	Spring					
*	1	Core					
12X-201	2	3/8 Lock Washer					
8X-467	4	1/4-20x3/8 Hex. Hd. Screw					
8X-830	2	3/8-16 Hex. Nut					
X-1272	4	1/4 Skpf. Washer					

Starter Clutch Assembly & Parts Used With

MAD-2087	1	Yoke Assembly
MAD-3099	1	Starter Clutch Assy.
MAD-102	1	Shift Collar
MAD-105	1	Shift Spring
MAD-106	1	Lock Spring Ring
MAX-37	1	Gasket
MAX-38	1	Dust Cover
MAX-39	1	Dust Plate
MAX-41	1	Yoke Pivot Bushing - 1 1/4 L.
MAX-42	1	Yoke Pivot Bushing - 1 9/16 L.
MAX-46	1	Yoke Spring
SS-56	1	Link Pin
8X-97	1	5/16-18x3 1/4 Hex. Hd. Screw
8X-147	1	5/16-18 Hex. Nut
8X-311	4	#10-32x3/8 Rd. Hd. Screw
X-401	1	1/16x3/8 Cotter Pin
12X-1014	1	5/16 Lock Washer
X-1270	4	#10 Skpf. Washer

Miscellaneous Parts

MAW-24	1	Head Band
MN-18	1	Thrust Washer
PS-1094	1	Pinion Housing Assy.
MP-41A	1	Absorbent Bronze Brg.
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw
8X-794	1	#10-32 Square Nut
		1 2 3 4 5

(Issued 9-8-37.)

Assembly No.	Starting Switch	Core Assembly	Core
MAX-4016	SS-4104	SS-1057A	SS-57
MAX-4016A	SS-4203	SS-1128	SS-128

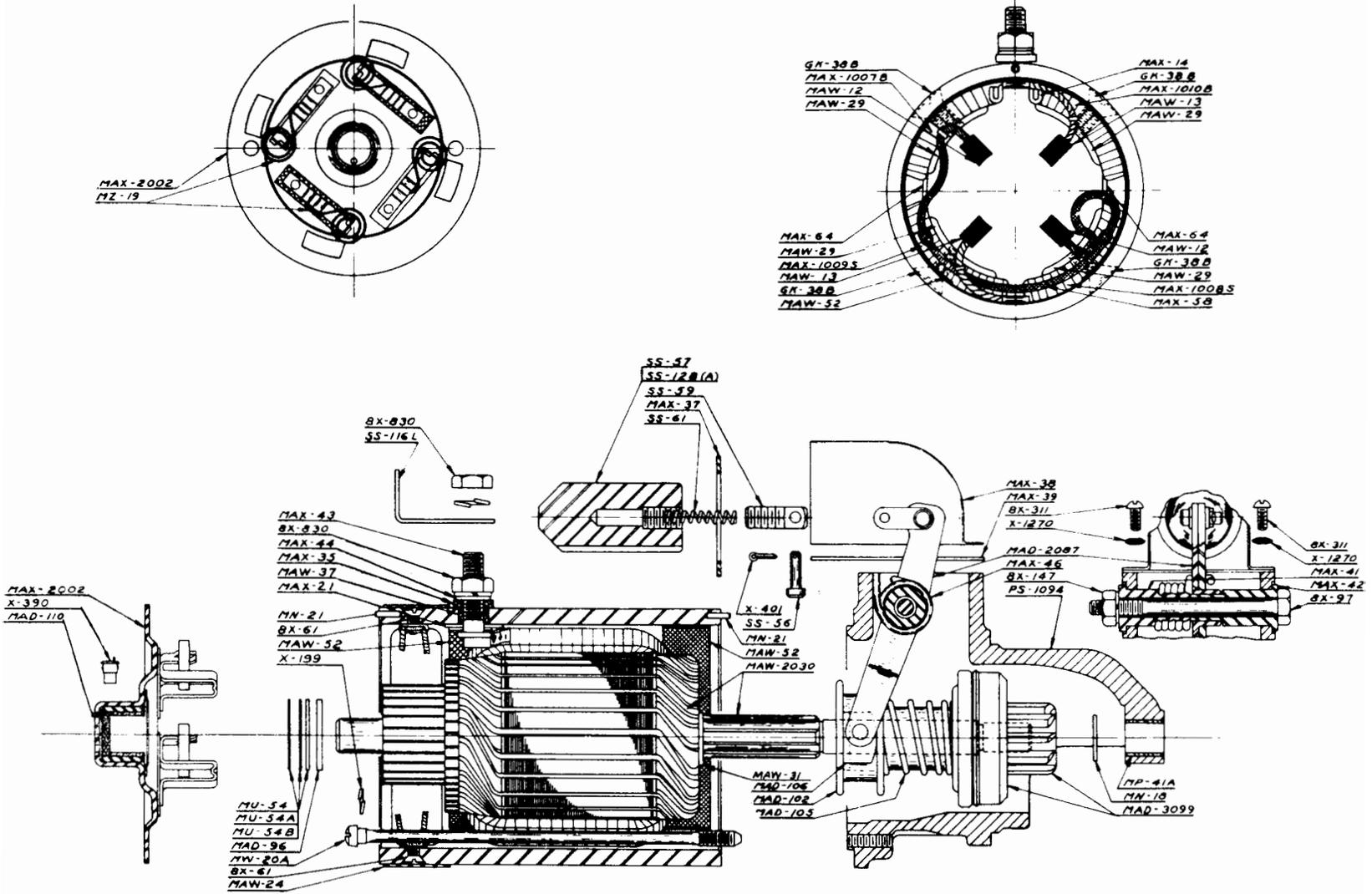
* See table showing parts list for part number applying to assembly wanted.

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

MAX-4016A STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4018 STARTING MOTOR PARTS LIST

MAX-4018

Frame & Field Assembly With Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2124)	1	Frame & Field Assy.				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAB-31	1	Insulating Washer				
MAB-85	1	Insulating Bushing				
MAK-80	1	Insulating Washer				
MAW-13	2	Brush Assy. - Grounded				
MAW-29	4	Pole Piece				
MAW-52	1	Field Connection Ins.				
MAX-47	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. - L.R.				
MAW-12	1	Brush				
MAX-1009S	1	Field Coil Assy. - L.L.				
MAW-12	1	Brush				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
MU-37	1	5/16 Plain Washer				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
X-1014	1	5/16 Lock Washer				
8X-1376	1	5/16-24 Hex. Nut				
MU-37	1	5/16 Plain Washer				
MW-20	2	Frame Screw				
X-199	2	1/4 Lock Washer				
X-1014	1	5/16 Lock Washer				
8X-1376	1	5/16-24 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

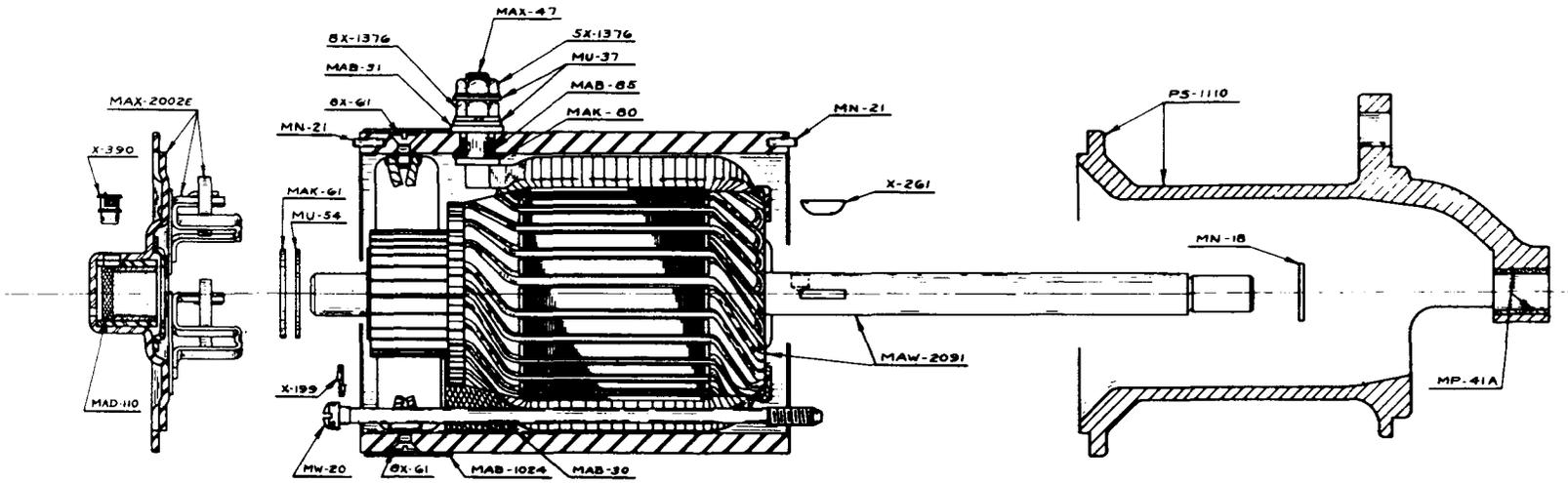
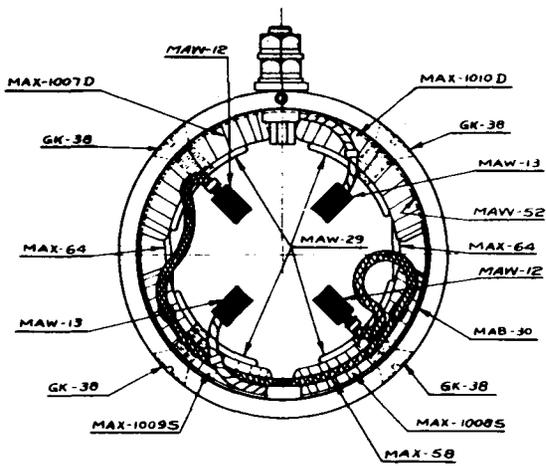
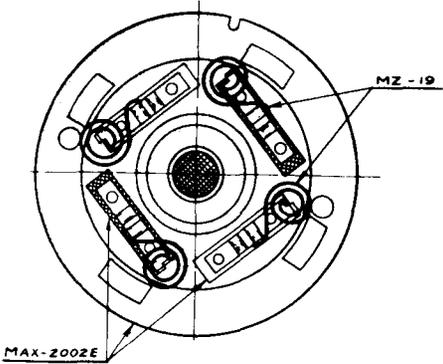
MAX-2002E	1	Comm. End Plate Assy.				
MAD-110	1	Felt Pad				
MZ-19	4	Brush Spring				
X-390	1	Oiler - 1/4 Hinged Top				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAK-61	1	5/8 Steel Washer				
MAW-2091	1	Armature Assembly				
MU-54	1	Thrust Washer				
X-261	1	#6 Woodruff Key				
<u>Miscellaneous Parts</u>						
EBA-12	1	Bendix Drive Assembly				
MAB-1024	1	Head Band Assembly				
MN-18	1	Thrust Washer				
PS-1110	1	Pinion Housing Assy.				
MP-41A	1	Absorbent Bronze Brg.				
X-715	1	#10-32x1 1/4 Rd. Hd. Sc.				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 9-8-37)

MAX-4018 STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4019 STARTING MOTOR PARTS LIST

MAX-4019

Frame & Field Assembly With Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2125)	1	Frame & Field Assy.				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAB-83	1	Ins. Washer				
MAF-31	1	Ins. Bushing				
MAF-48	1	Ins. Washer				
MAF-48A	1	Ins. Washer				
MAW-13	2	Brush Assy. - Grounded				
MAW-29	4	Pole Piece				
MAW-52	1	Field Connection Ins.				
MAX-58	1	Equalizer				
MAX-61	1	Terminal Post				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. - L.R.				
MAW-12	1	Brush				
MAX-1009S	1	Field Coil Assy. - L.L.				
MAW-12	1	Brush				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
8X-61	2	#10-32x7/16 Flat Hd. Screw				
MW-20	2	Frame Screw				
X-199	2	1/4 Lock Washer				
X-1014	1	#10-32x3/16 Rd. Hd. Screw				
5X-1376	1	5/16-24 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

MAX-2002E	1	Comm. End Plate Assy.				
MAD-110	1	Felt Pad				
MZ-19	4	Brush Spring				
X-390	1	Oiler - 1/4 Hinged Top				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAK-61	1	5/8 Steel Washer				
MAW-2091	1	Armature Assembly				
MU-54	1	Thrust Washer				
X-261	1	#6 Woodruff Key				

Switch Assembly & Parts Used With

MU-37	1	5/16 Plain Washer				
SW-1735	1	Switch Control Bracket Assy.				
SW-735	1	Sw. Control Bracket - R.H.				
SW-736	1	Sw. Control Bracket - L.H.				
6X-119	1	#10-32x1/2 Fill. Hd. Sc.				
X-196	1	#10 Lock Washer				
6X-794	1	#10-32 Square Nut				
SW-3737S	1	Starting Switch				
X-196	4	#10 Lock Washer				
8X-311	4	#10-32x3/8 Rd. Hd. Screw				

Miscellaneous Parts

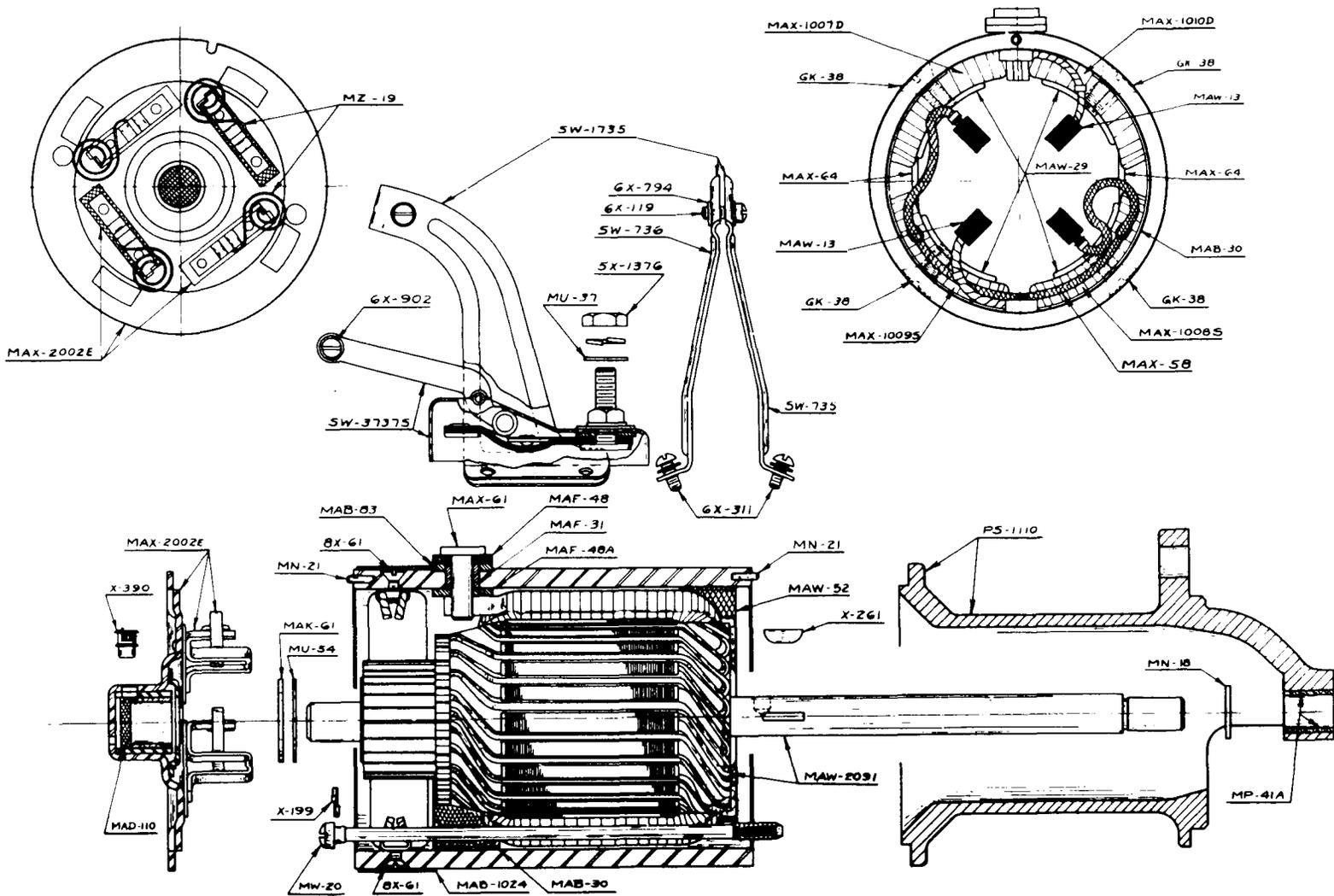
EBA-12	1	Bendix Drive Assembly				
MAB-1024	1	Head Band Assembly				
MN-18	1	Thrust Washer				
PS-1110	1	Pinion Housing Assy.				
MP-41A	1	Absorbent Bronze Brg.				
X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 9-8-37)

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."



MAX-4019 STARTING MOTOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4020, A STARTING MOTOR PARTS LIST

MAX-4020, A

Frame & Field Assembly with Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(MAX-2120)	1	Frame & Field Assy.					
DK-45	1	Insulating Washer					
GK-38B	4	Pole Piece Screw					
MAB-30	1	Field Connection Ins.					
MAW-13	2	Brush Assy. - Grounded					
MAW-29	4	Pole Piece					
MAW-37	1	Insulating Bushing					
MAX-35	1	Insulating Washer					
MAX-44	1	3/8 Steel Washer					
MAX-48	1	Terminal Post					
MAX-58	1	Equalizer					
MAX-64	2	Field Coil Connector					
MAX-1007D	1	Field Coil - U.L.					
MAX-1008S	1	Field Coil Assy. - L.R.					
MAW-12	1	Brush					
MAX-1009S	1	Field Coil Assy. - L.L.					
MAW-12	1	Brush					
MAX-1010D	1	Field Coil - U.R.					
MN-21	2	Dowel Pin					
8X-61	2	#10-32x7/16 Flat Hd. Sc.					
12X-201	1	3/8 Lock Washer					
8X-830	1	3/8-16 Hex. Nut					
MW-20A	2	Frame Screw					
12X-199	2	1/4 Lock Washer					
12X-201	1	3/8 Lock Washer					
8X-830	1	3/8-16 Hex. Nut					

Comm. End Plate Assembly & Parts Used With

MAX-2002A	1	Comm. End Plate Assy.
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assembly & Parts Used With

MAD-96	1	Thrust Washer
MAW-2030	1	Armature Assembly
MAW-31	1	Armature Shaft Spacer
MU-54	**	Thrust Washer - 1/32" Thick
MU-54A	**	Thrust Washer - 1/64" Thick
MU-54B	**	Thrust Washer - 3/64" Thick
		1 2 3 4 5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
SS-117L	1	Connector					
*	1	Solenoid Starting Switch (See separate list for parts)					
12X-201	2	3/8 Lock Washer					
8X-467	4	1/4-20x3/8 Hex. Hd. Screw					
8X-830	2	3/8-16 Hex. Nut					
X-1272	4	1/4 Skpf. Washer					

Starter Clutch Assembly & Parts Used With

MAD-93	1	Yoke Spring
MAD-95	1	Spring Washer
MAD-3099	1	Starter Clutch Assy.
MAW-2092	1	Yoke Assembly
MAX-52	1	Yoke Pin
SS-55	1	Link Pin
8X-179	1	3/8-16 Hex. Nut
12X-201	1	3/8 Lock Washer
X-401	1	1/16x3/8 Cotter Pin

Miscellaneous Parts

MAW-24	1	Head Band
MN-18	1	Thrust Washer
PS-1111	1	Pinion Housing Assy.
MP-41A	1	Absorbent Bronze Brg.
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw
8X-794	1	#10-32 Square Nut
		1 2 3 4 5

(Issued 10-18-39)

Assembly No.	Starting Switch
-----------------	--------------------

MAX-4020	SS-4106†
MAX-4020A	SS-4206

† For service use SS-4206.

* See table following parts list for part number applying to assembly wanted.

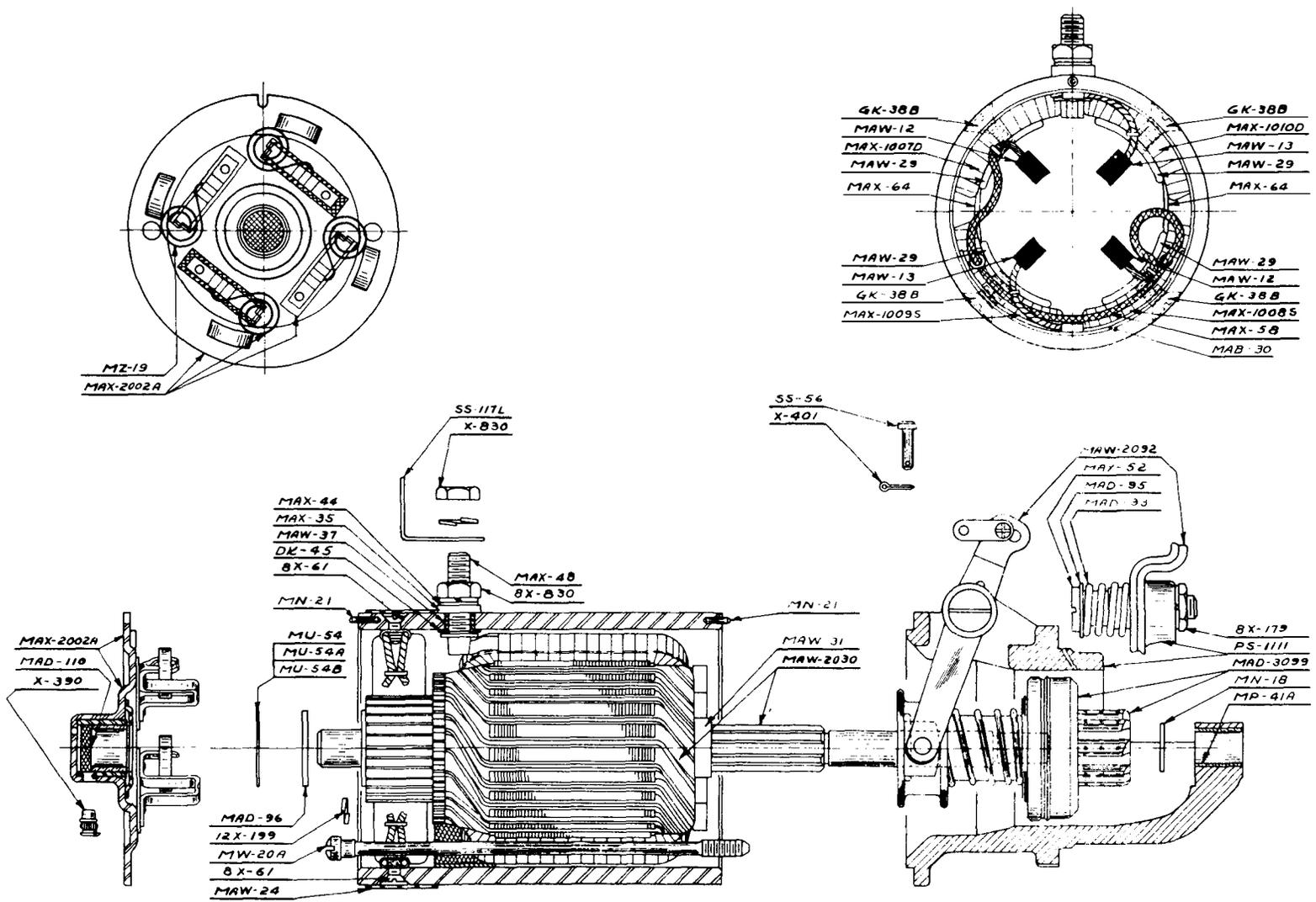
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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

MAX-4020,A STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4021 STARTING MOTOR PARTS LIST

MAX-4021

Frame & Field Assembly With Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2124)	1	Frame & Field Assy.				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAB-31	1	Insulating Washer				
MAB-85	1	Insulating Bushing				
MAK-80	1	Insulating Washer				
MAW-13	2	Brush Assy. - Grounded				
MAW-29	4	Pole Piece				
MAW-32	1	Field Connection Ins.				
MAX-47	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. - L.R.				
MAW-12	1	Brush				
MAX-1009S	1	Field Coil Assy. - L.L.				
MAW-12	1	Brush				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
MU-37	1	5/16 Plain Washer				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
X-1014	1	5/16 Lock Washer				
8X-1376	1	5/16-24 Hex. Nut				
MW-20	2	Frame Screw				
X-199	2	1/4 Lock Washer				
X-1014	1	5/16 Lock Washer				
5X-1376	1	5/16-24 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

MAX-2002C	1	Comm. End Plate Assembly				
MAD-110	1	Felt Pad				
MZ-19	4	Brush Spring				
X-390	1	Oiler - 1/4 Hinged Top				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAK-61	1	5/8 Steel Washer				
MAW-2006	1	Armature Assembly				
MAB-35	1	Brg. Thrust Spacer				
MU-54	2	Thrust Washer				
X-261	1	#6 Woodruff Key				

Miscellaneous Parts

EBA-12	1	Bendix Drive Assembly				
MAB-1024	1	Head Band Assembly				
MAB-2040A	1	Intermediate Brg. Assy.				
MG-77A	1	Absorbent Bronze Brg.				
PS-1089A	1	Pinion Housing Assy.				
MAB-88	1	Dowel Pin				
MG-77A	1	Absorbent Bronze Brg.				
X-715	1	#10-32x1 1/4 Rd. Hd. Sc.				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

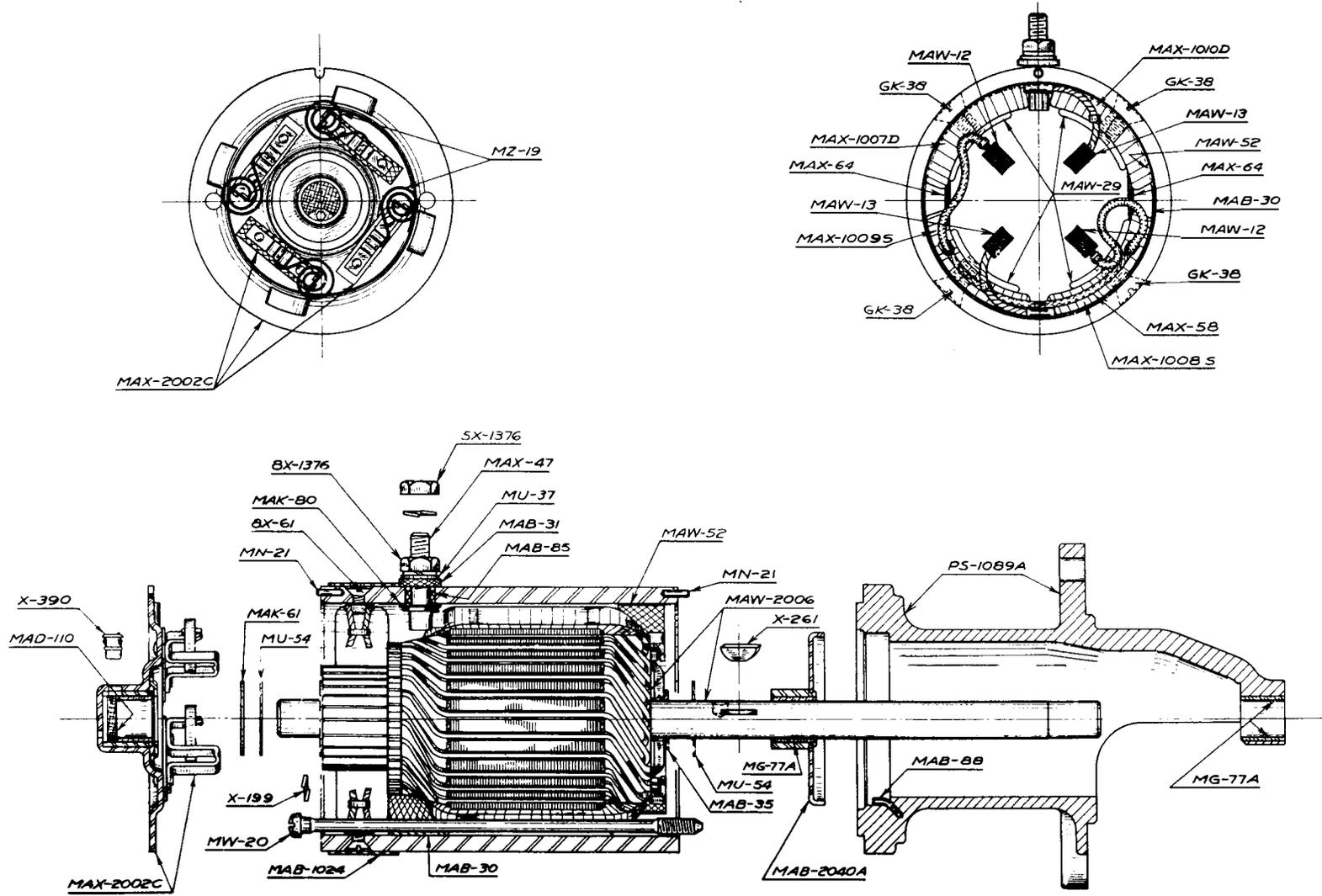
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MAX-4021 STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4022 STARTING MOTOR PARTS LIST

MAX-4022

<u>Frame & Field Assy. With Terminal Post & Parts Used With</u>						<u>Switch Assembly & Parts Used With</u>									
Part No.	No. Used	Name of Part						Part No.	No. Used	Name of Part					
			1	2	3	4	5				1	2	3	4	5
(MAX-3121)	1	Frame & Field Assy.						MAW-66R	1	Connector					
DK-45	1	Insulating Washer						MU-37	1	5/16 Plain Washer					
GK-38B	4	Pole Piece Screw						SS-4001	1	Solenoid Starting Switch					
MAB-30	1	Field Connection Ins.						12X-196	1	#10 Lock Washer					
MAW-13	2	Brush Assy. - Grounded						8X-832	2	5/16-24 Hex. Nut					
MAW-29	4	Pole Piece						12X-1014	2	5/16 Lock Washer					
MAW-37	1	Insulating Bushing						8X-1372	1	#10-32 Hex. Nut					
MAX-35	1	Insulating Washer						8X-321	2	#10-32x5/16 Rd. Hd. Screw					
MAX-44	1	3/8 Steel Washer						X-1270	2	#10 Skpf. Washer					
MAX-48	1	Terminal Post													
MAX-58	1	Equalizer													
MAX-64	2	Field Coil Connector													
MAX-1007D	1	Field Coil - U.L.													
MAX-1008S	1	Field Coil Assy. - L.R.													
MAW-12	1	Brush													
MAX-1009S	1	Field Coil Assy. - L.L.													
MAW-12	1	Brush													
MAX-1010D	7	Field Coil - U.R.													
MN-21	2	Dowel Pin													
8X-61	2	#10-32x7/16 Flat Hd. Sc.													
12X-201	1	3/8 Lock Washer													
8X-830	1	3/8-16 Hex. Nut													
MW-20A	2	Frame Screw													
12X-199	2	1/4 Lock Washer													
12X-201	1	3/8 Lock Washer													
8X-830	1	3/8-16 Hex. Nut													
<u>Comm. End Plate Assy. & Parts Used With</u>						<u>Miscellaneous Parts</u>									
MAX-3059	1	Comm. End Plate Assy.						EBA-17	1	Bendix Drive Assy.					
MAD-110	1	Felt Pad						MAW-24	1	Head Band					
MZ-19	4	Brush Spring						MAW-70	1	Felt Washer					
X-390	1	Oiler - 1/4 Hinged Top						MAW-71	1	Felt Retainer					
<u>Armature Assembly & Parts Used With</u>						<u>Miscellaneous Parts</u>									
MAK-61	1	5/8 Steel Washer						MAW-72	1	Felt Guard					
MAW-75	1	Thrust Washer						MAW-84	1	Bendix Drive Shaft					
MAW-76	1	Thrust Washer						MAW-87	1	Bendix Shaft Gear					
MAW-2069	1	Armature Assy.						MAX-1060	1	Intermediate Plate Assy.					
MU-54	1	Thrust Washer - 1/32" Thick						MAW-77	1	Absorbent Bronze Brg.					
			1	2	3	4	5	MG-77A	1	Absorbent Bronze Brg.					
								X-489	1	1/4 Oiler - Press in Type					
								MN-18	1	Thrust Washer					
								PS-1105	1	Pinion Housing Assy.					
								MN-21	1	Dowel Pin					
								MP-41A	1	Absorbent Bronze Brg.					
								8X-89	2	1/4-20x1 Hex. Hd. Screw					
								X-196	3	#10 Lock Washer					
								12X-199	3	1/4 Lock Washer					
								X-261	2	#6 Woodruff Key					
								8X-311	3	#10-32x3/8 Rd. Hd. Screw					
								8X-464	1	1/4-20x3/4 Hex. Hd. Screw					
								8X-505	1	1/8 Pipe Plug					
								8X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
								8X-794	1	#10-32 Square Nut					
											1	2	3	4	5

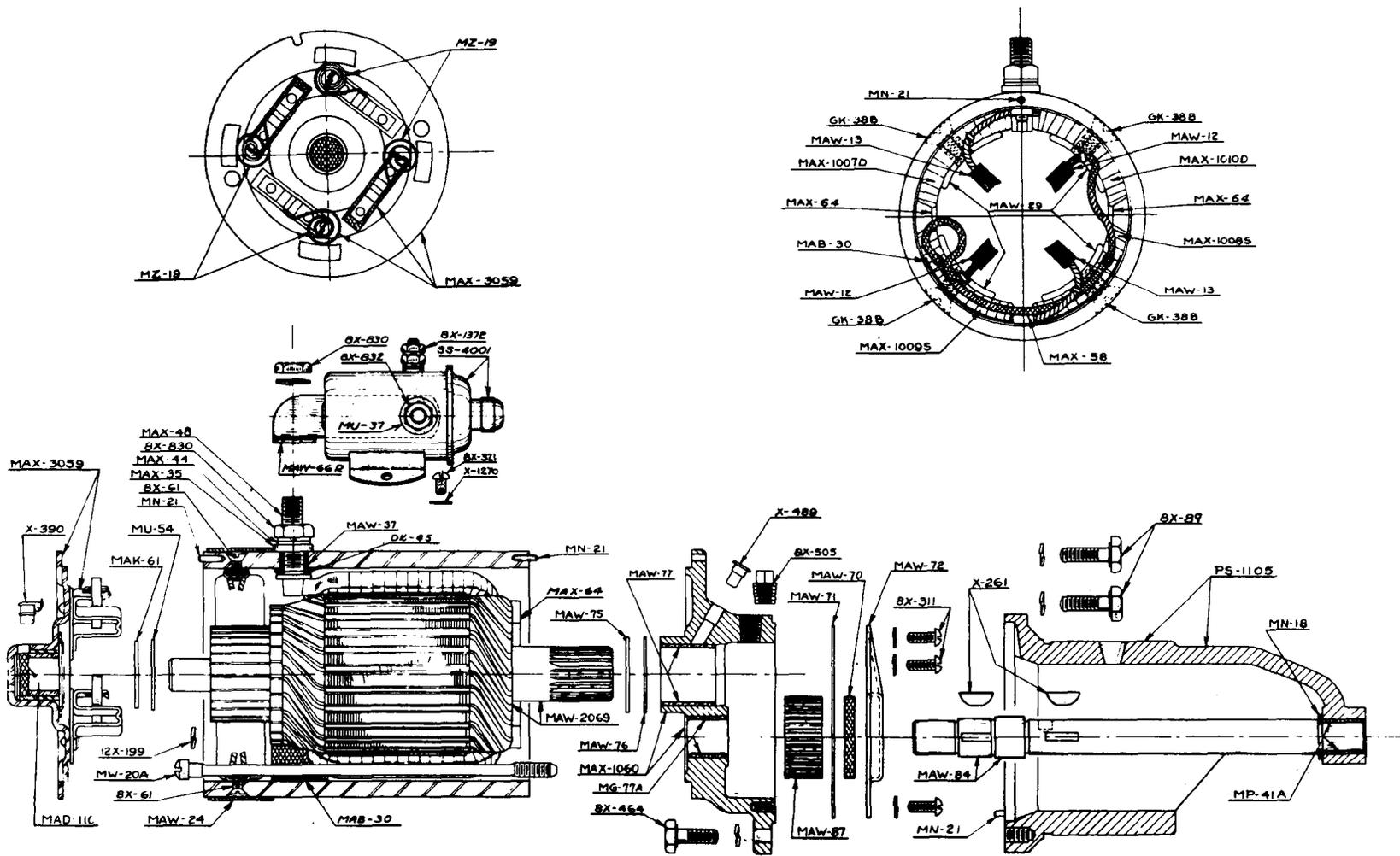
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MAX-4022 STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4023 STARTING MOTOR PARTS LIST

MAX-4023

Frame & Field Assembly With Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-3121)	1	Frame & Field Assembly				
DK-45	1	Insulating Washer				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAW-13	2	BRUSH ASSY. - GROUNDED				
MAW-29	4	Pole Piece				
MAW-37	1	Insulating Bushing				
MAX-35	1	Insulating Washer				
MAX-44	1	3/8 Steel Washer				
MAX-48	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. - L.R.				
MAW-12	1	BRUSH				
MAX-1009S	1	Field Coil Assy. - L.L.				
MAW-12	1	BRUSH				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
8X-61	2	#10-32x7/16 Flat Hd. Screw				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

MAX-3059	1	Comm. End Plate Assy.				
MAD-110	1	Felt Pad				
MZ-19	4	Brush Spring				
X-390	1	Oiler - 1/4 Hinged Top				

Armature Assembly & Parts Used With

MAK-61	1	5/8 Steel Washer				
MAW-75	1	Thrust Washer				
MAW-76	1	Thrust Washer				
MAW-2069	1	ARMATURE ASSEMBLY				
MU-54	1	Thrust Washer				
		1	2	3	4	5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAW-66R	1	Connector				
MU-37	1	5/16 Plain Washer				
SS-4001	1	SOLENOID STARTING SWITCH				
12X-196	1	#10 Lock Washer				
8X-832	2	5/16-24 Hex. Nut				
12X-1014	2	5/16 Lock Washer				
8X-1372	1	#10-32 Hex. Nut				
8X-321	2	#10-32x5/16 Rd. Hd. Screw				
X-1270	2	#10 Skpf. Washer				

Miscellaneous Parts

EBA-17	1	BENDIX DRIVE ASSEMBLY				
EB-108	2	Lock Washer				
EB-7806	1	Hd. Sp. Bolt or Screw				
EB-7807	1	Shaft Spring Screw				
EB-7819S	1	Compression Sleeve				
EB-8503	1	Driving Head				
EB-8705	1	DRIVING SPRING				
EB-8734	1	Take Up Spring				
EBA-1711	1	S-A Assembly				
MAW-24	1	Head Band				
MAW-70	1	Felt Washer				
MAW-71	1	Felt Retainer				
MAW-72	1	Felt Guard				
MAW-84	1	Bendix Drive Shaft				
MAW-87	1	Bendix Shaft Gear				
MAX-1060	1	Intermediate Plate Assy.				
MAW-77	1	ABSORBENT BRONZE BRG.				
MG-77A	1	ABSORBENT BRONZE BRG.				
X-489	1	1/4 Oiler - Press in Type				
MN-18	1	Thrust Washer				
PS-1106	1	Pinion Housing Assy.				
MN-21	1	Dowel Pin				
MP-41A	1	ABSORBENT BRONZE BRG.				
8X-87	1	1/4-20x7/8 Hex. Hd. Screw				
8X-89	2	1/4-20x1 Hex. Hd. Screw				
X-196	3	#10 Lock Washer				
12X-199	3	1/4 Lock Washer				
X-261	2	#6 Woodruff Key				
8X-311	3	#10-32x3/8 Rd. Hd. Screw				
8X-505	1	1/8 Pipe Plug				
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

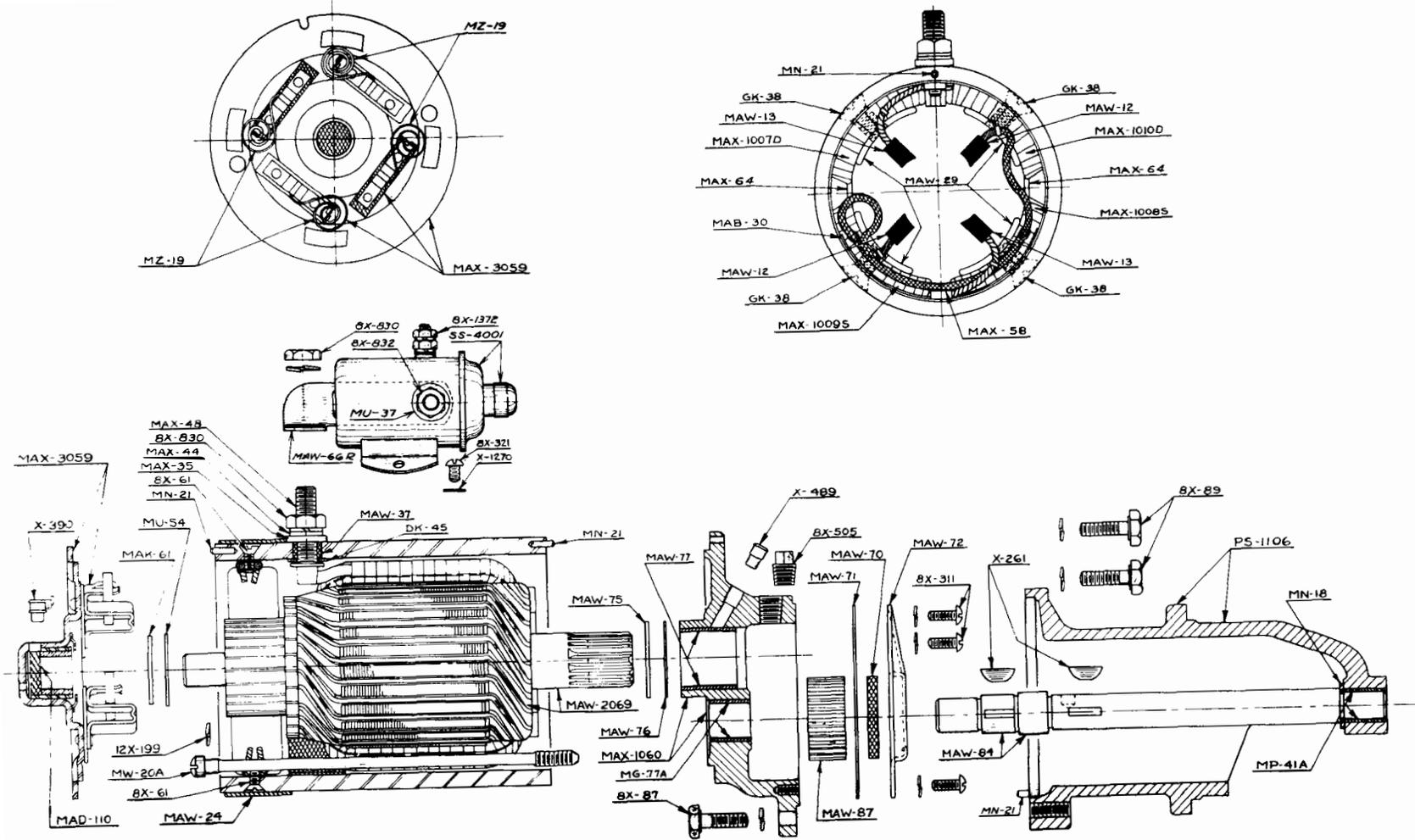
(Issued 5-12-36)

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

MAX-4023 STARTING MOTOR ILLUSTRATION



MAX-40H-4023
FILE A-352

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4023M STARTING MOTOR PARTS LIST

MAX -4023M

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(MAX-3121A)	1	Frame & Field Assy.					
GK-38C	4	Screw, Pole Shoe					
MAB-30	1	Insulation, Field Connection					
MAW-12†	2	Brush					
MAW-13†	2	Brush, Grounded					
MAW-37A	1	Bushing, Ins., Term. Stud					
MAX-35	1	Washer, Ins., Term. Stud, Outer					
MAX-48A	1	Stud, Terminal					
MAX-58	1	Equalizer					
MAX-64	2	Connector, Field Coil					
MAX-1007F	1	Coil, Field, U.L.					
MAX-1008B	1	Coil, Field, L.R.					
MAX-1009B	1	Coil, Field, L.L.					
MAX-1010F	1	Coil, Field, U.R.					
MN-21A	2	Pin, Dowel					
MN-47B	1	Washer, Plain, Term. Stud, 3/8					
WSE-41	1	Washer, Ins., Term. Stud, Inner					
12X-201	2	Lockwasher, Term. Stud 3/8					
8X-2845	2	Nut, Term. Stud, Hex. 3/8-16					
8X-2889	2	Screw, Brush Ground, Flat Hd. #10-32x7/16					
MW-20C	2	Bolt, Thru					
12X-199	2	Lockwasher, Thru Bolt, 1/4					

Comm. End Head Assembly & Parts Used With

MAX-3059D	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19A	4	Spring, Brush

Armature Assembly & Parts Used With

MAK-61A	1	Washer, Arm. Thrust, Comm. End
MAW-75A	1	Washer, Thrust, Intermediate
MAW-76	1	Washer, Thrust, Intermediate
MAW-2069M	1	ARMATURE
MU-54	1	Washer, Thrust
X-261	2	Key, Woodruff, #6

Switch Assembly & Parts Used With

MAW-167R	1	Connector
SSP-4001M	1	SWITCH, SOLENOID
12X-196	1	Lockwasher, #10
12X-1014	2	Lockwasher, 5/16
8X-2848	2	Nut, Hex. 5/16-24
8X-2853	1	Nut, Hex. #10-32
8X-20	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16
X-1270	2	Washer, Switch Mtg., Skpf. #10

Miscellaneous Parts

Part No.	No. Used	Name of Part					
			1	2	3	4	5
EBA-17A	1	BENDIX DRIVE ASSY.					
EB-108A	2	Lockwasher					
EB-7806A	1	Screw, Spring, Head					
EB-7807A	1	Screw, Spring, Shaft					
EB-7819SA	1	Sleeve, Compression					
EB-8503A	1	Head, Drive					
EB-8705A	1	SPRING: DRIVE					
EB-8734A	1	Ring, Take Up					
EBA-1711A	1	Shaft & Pinion					
MAB-1024N	1	Band, Cover					
MAW-70	1	Washer, Felt, Int. Plate					
MAW-71A	1	Retainer, Felt Washer, Int. Plate					
MAW-72A	1	Guard, Felt Washer, Int. Plate					
MAW-84A	1	Shaft, Bendix Drive					
MAW-87	1	Gear, Bendix Shaft					
MAX-1060A	1	Bearing Assy., Intermediate					
MAW-77	1	BEARING, ABSORBENT BRONZE					
MG-77A	1	BEARING ABSORBENT BRONZE					
X-489A	1	Oiler, Hinge Top, Press In, 1/4					
MN-18	1	Washer, Thrust, D.E.					
PS-1106A	1	Housing Assy., Pinion					
MN-21A	1	Pin, Dowel					
MP-41A	1	BEARING, ABSORBENT BRONZE					
8X-21	3	Screw, Retainer, Rd. Hd. #10-32x3/8					
19X-89	3	Screw, Housing, Hex. Hd. 1/4-20x1					
12X-196	3	Lockwasher, Retainer, Sc. #10					
12X-199	3	Lockwasher, Housing Sc., 1/4					
8X-2873	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4					
8X-2875	1	Nut, Cover Band, Square #10-32					
8X-2892	1	Plug, Pipe, 1/8					

† BRUSH SET, SERVICE MAW-2012S

NOTE: - Part numbers shown in parenthesis are not recommended for service.

UNIT	APPLICATION
MAX-4023M	Chrysler (Marine)

(Issued 1-19-48)

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File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4025 STARTING MOTOR PARTS LIST

MAX-4025

Frame & Field Assembly with Terminal Post & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(MAX-2121)	1	Frame & Field Assy.					
LK-45	1	Insulating Washer					
GK-38B	4	Pole Piece Screw					
MAW-13	2	Brush Assy. - Grounded					
MAW-29	4	Pole Piece					
MAW-37	1	Ins. Bushing					
MAW-52	1	Field Connection Ins.					
MAX-35	1	Ins. Washer					
MAX-44	1	3/8 Steel Washer					
MAX-48	1	Terminal Post					
MAX-58	1	Equalizer					
MAX-64	2	Field Coil Connector					
MAX-1007D	1	Field Coil - U.L.					
MAX-1008S	1	Field Coil Assy. - L.R.					
MAW-12	1	Brush					
MAX-1009S	1	Field Coil Assy. - L.L.					
MAW-12	1	Brush					
MAX-1010D	1	Field Coil - U.R.					
MN-21	2	Dowel Pin					
8X-61	2	#10-32x7/16 Flat Hd. Sc.					
12X-201	1	3/8 Lock Washer					
8X-830	1	3/8-16 Hex. Nut					
MW-20A	2	Frame Screw					
12X-199	2	1/4 Lock Washer					
12X-201	1	3/8 Lock Washer					
8X-830	1	3/8-16 Hex. Nut					

Comm. End Plate Assembly & Parts Used With

MAX-2002	1	Comm. End Plate Assy.
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assembly & Parts Used With

MAK-61	1	5/8 Steel Washer
MAW-75	1	Thrust Washer
MAW-76	1	Thrust Washer
MAW-2069	1	Armature Assembly
MU-54	1	Thrust Washer - 1/32" Thick

Starter Clutch Assembly & Parts Used With

MAW-66R	1	Connector
MU-37	1	5/16 Plain Washer
SS-4001	1	Solenoid Starting Switch
12X-196	1	#10 Lock Washer
8X-832	2	5/16-24 Hex. Nut
12X-1014	2	5/16 Lock Washer
8X-1372	1	#10-32 Hex. Nut
8X-321	2	#10-32x5/16 Rd. Hd. Screw
X-1270	2	#10 Skpf. Washer
		1 2 3 4 5

Miscellaneous Parts

Part No.	No. Used	Name of Part					
			1	2	3	4	5
EBA-16	1	Bendix Drive Assy.					
EB-108	2	Lock Washer					
EB-7805	1	Driving Spring					
EB-7806	1	Hd. Sp. Bolt or Sc.					
EB-7807	1	Shaft Spring Sc.					
EB-7819S	1	Compression Sleeve					
EB-8503	1	Driving Head					
EB-8734	1	Take Up Spring					
EBA-1611	1	S-A Assembly					
MAW-24	1	Head Band					
MAW-70	1	Felt Washer					
MAW-71	1	Felt Retainer					
MAW-72	1	Felt Guard					
MAW-84	1	Bendix Drive Shaft					
MAW-87	1	Bendix Shaft Gear					
MAX-1060	1	Intermediate Plate Assy.					
MAW-77	1	Absorbent Bronze Brg.					
MG-77A	1	Absorbent Bronze Brg.					
X-489	1	1/4 Oiler Press in Type					
MN-18	1	Thrust Washer					
PS-1105	1	Pinion Housing Assy.					
MN-21	1	Dowel Pin					
MP-41A	1	Absorbent Bronze Brg.					
8X-89	2	1/4-20x1 Hex. Hd. Sc.					
8X-196	3	#10 Lock Washer					
12X-199	3	1/4 Lock Washer					
X-261	2	#6 Woodruff Key					
8X-311	3	#10-32x3/8 Rd. Hd. Screw					
8X-464	1	1/4-20x3/4 Hex. Hd. Sc.					
8X-505	1	1/8 Pipe Plug					
8X-715	1	#10-32x1 1/4 Pd. Hd. Sc.					
8X-794	1	#10-32 Square Nut					
			1	2	3	4	5

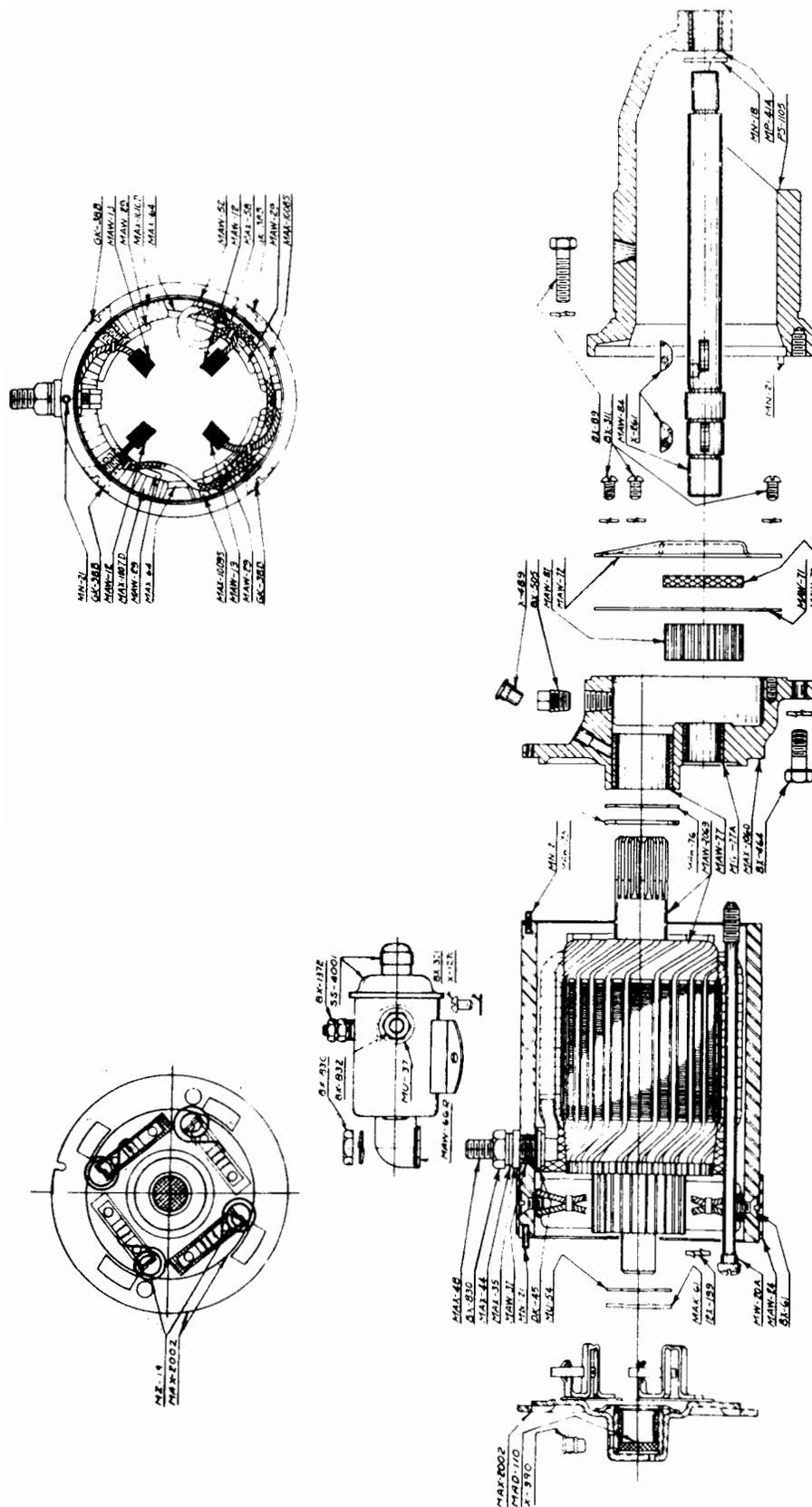
(Issued 11-30-37)

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

MAX-4025 STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4026 STARTING MOTOR PARTS LIST

MAX-4026

Frame & Field Assy. With Terminal Post & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2121)	1	Frame & Field Assy.				
DK-45	1	Insulating Washer				
GK-38B	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAW-13	2	Brush Assy. - Grounded				
MAW-29	4	Pole Piece				
MAW-37	1	Insulating Bushing				
MAX-35	1	Insulating Washer				
MAX-44	1	3/8 Steel Washer				
MAX-48	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. - L.R.				
MAW-12	1	Brush				
MAX-1009S	1	Field Coil Assy. - L.L.				
MAW-12	1	Brush				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				

Comm. End Plate Assy. & Parts Used With

MAX-2002	1	Comm. End Plate Assy.
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assy. & Parts Used With

MAK-61	1	5/8 Steel Washer
MAW-75	1	Thrust Washer
MAW-76	1	Thrust Washer
MAW-2069	1	Armature Assy.
MU-54	1	Thrust Washer - 1/32" Thick
		1 2 3 4 5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAW-66R	1	Connector				
MU-37	1	5/16 Plain Washer				
SS-4001	1	Solenoid Starting Switch				
12X-196	1	#10 Lock Washer				
8X-832	2	5/16-24 Hex. Nut				
12X-1014	2	5/16 Lock Washer				
8X-1372	1	#10-32 Hex. Nut				
8X-321	2	#10-32x5/16 Rd. Hd. Screw				
X-1270	2	#10 Skpf. Washer				

Miscellaneous Parts

EBA-16	1	Bendix Drive Assy.
MAW-24	1	Head Band
MAW-70	1	Felt Washer
MAW-71	1	Felt Retainer
MAW-72	1	Felt Guard
MAW-84	1	Bendix Drive Shaft
MAW-87	1	Bendix Shaft Gear
MAX-1060	1	Intermediate Plate Assy.
MAW-77	1	Absorbent Bronze Brg.
MG-77A	1	Absorbent Bronze Brg.
X-489	1	1/4 Oiler - Press in Type
MN-18	1	Thrust Washer
PS-1106	1	Pinion Housing Assy.
MN-21	1	Dowel Pin
LP-41A	1	Absorbent Bronze Brg.
8X-87	1	1/4-20x7/8 Hex. Hd. Screw
8X-89	2	1/4-20x1 Hex. Hd. Screw
X-196	3	#10 Lock Washer
12X-199	3	1/4 Lock Washer
X-261	2	#6 Woodruff Key
8X-311	3	#10-32x3/8 Rd. Hd. Screw
8X-505	1	1/8 Pipe Plug
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw
8X-794	1	#10-32 Square Nut
		1 2 3 4 5

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4026M STARTING MOTOR PARTS LIST

MAX-4026M

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2121A)	1	Frame & Field Assy.				
GK-38C	4	Screw, Pole Shoe				
MAB-30	1	Insulation, Field Connection				
MAW-12 †	2	Brush				
MAW-13 †	2	Brush, Grounded				
MAW-37A	1	Bushing, Ins., Term. Stud				
MAX-35	1	Washer, Ins., Term. Stud, Outer				
MAX-48A	1	Stud, Terminal				
MAX-58	1	Equalizer				
MAX-64	2	Connector, Field Coil				
MAX-1007F	1	Coil, Field, U.L.				
MAX-1008B	1	Coil, Field, L.R.				
MAX-1009B	1	Coil, Field, L.L.				
MAX-1010F	1	Coil, Field, U.R.				
MN-21A	2	Pin, Dowel				
MN-47B	1	Washer, Plain, Term. Stud, 3/8				
WSE-41	1	Washer, Ins., Term. Stud, Inner				
12X-201	2	Lockwasher, Term. Stud, 3/8				
8X-2845	2	Nut, Term. Stud, Hex. 3/8-16				
8X-2889	2	Screw, Brush Ground, Flat Hd. #10-32x7/16				
MW-20C	2	Bolt, Thru				
12X-199	2	Lockwasher, Thru Bolt, 1/4				

Comm. End Head Assembly & Parts Used With

MAX-2002L	1	Head Assembly, Comm. End				
MAD-110	1	Felt				
MZ-19A	4	Spring, Brush				

Armature Assembly & Parts Used With

MAK-61A	1	Washer, Arm. Thrust, Comm. End				
MAW-75A	1	Washer, Thrust, Intermediate				
MAW-76	1	Washer, Thrust, Intermediate				
MAW-2069M	1	ARMATURE				
MU-54	1	Washer, Thrust, 1/32" thick				
X-261	2	Key, Woodruff, #6				

Switch Assembly & Parts Used With

MAW-167R	1	Connector				
SSP-4001M	1	SWITCH, SOLENOID				
12X-196	1	Lockwasher, #10				
12X-1014	2	Lockwasher, 5/16				
8X-2843	2	Nut, Hex. 5/16-24				
8X-2853	1	Nut, Hex. #10-32				
8X-20	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16				
X-1270	2	Washer, Switch Mtg., Skpf. #10 1 2 3 4 5				

Miscellaneous Parts

Part No.	No. Used	Name of Part				
		1	2	3	4	5
EBA-16A	1	BENDIX DRIVE ASSY.				
EB-108A	2	Lockwasher				
EB-7805A	1	SPRING, DRIVE				
EB-7806A	1	Screw, Spring, Head				
EB-7807A	1	Screw, Spring, Shaft				
EB-7819SA	1	Sleeve, Compression				
EB-8503A	1	Head, Drive				
EB-8734A	1	Ring, Take Up				
EBA-1611A	1	Shaft & Pinion				
MAB-1024N	1	Band, Cover				
MAW-70	1	Washer, Felt, Int. Plate				
MAW-71A	1	Retainer, Felt Washer, Int. Plate				
MAW-72A	1	Guard, Felt Washer, Int. Plate				
MAW-84 A	1	Shaft, Bendix Drive				
MAW-87	1	Gear, Bendix Shaft				
MAX-1060A	1	Bearing Assy., Int.				
MAW-77	1	BEARING, ABSORBENT BRONZE				
MG-77A	1	BEARING, ABSORBENT BRONZE				
X-489A	1	Oiler, Hinge Top, Press in, 1/4				
MN-18	1	Washer, Thrust, D.E.				
PS-1106A	1	Housing Assy., Pinion				
MN-21A	1	Pin, Dowel				
MP-41A	1	BEARING, ABSORBENT BRONZE				
8X-21	3	Screw, Retainer, Rd. Hd. #10-32x3/8				
19X-89	3	Screw, Housing, Hex. Hd. 1/4-20x1				
12X-196	3	Lockwasher, Retainer Sc., #10				
12X-199	3	Lockwasher, Housing Sc., 1/4				
8X-2873	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4				
8X-2875	1	Nut, Cover Band, Sq. #10-32				
8X-2892	1	Plug, Pipe, 1/8 1 2 3 4 5				

† BRUSH SET, SERVICE MAW-2012S.

NOTE: - Part numbers shown in parenthesis are not recommended for service.

UNIT	APPLICATION
MAX-4026M	Chrysler (Marine)

(Issued 1-19-48)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4028 STARTING MOTOR PARTS LIST

MAX-4028

Frame & Field Assembly with Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(MAX-2126)	1	Frame & Field Assy.					
DK-45	1	Insulating Washer					
GK-38	4	Pole Piece Screw					
MAB-30	1	Field Connection Ins.					
MAW-13	2	Brush Assy. - Grounded					
MAW-29	4	Pole Piece					
MAW-37	1	Insulating Bushing					
MAW-39	1	Insulating Block					
MAX-49	1	Terminal Post					
MAX-58	1	Equalizer					
MAX-64	2	Field Coil Connector					
MAX-1007	1	Field Coil - U.L.					
MAX-1008S	1	Field Coil Assy. - L.R.					
MAW-12	1	Brush					
MAX-1009S	1	Field Coil Assy. - L.L.					
MAW-12	1	Brush					
MAX-1010	1	Field Coil - U.R.					
MN-21	2	Dowel Pin					
SW-763	1	Switch Contact - Lower					
8X-61	2	#10-32x7/16 Flat Hd. Sc.					
8X-830	1	3/8-16 Hex. Nut					
MW-20	2	Frame Screw					
X-199	2	1/4 Lock Washer					

Comm. End Plate Assembly & Parts Used With

MAX-2002E	1	Comm. End Plate Assy.					
MAD-110	1	Felt Pad					
MZ-19	4	Brush Spring					
X-390	1	Oiler - 1/4 Hinged Top					

Armature Assembly & Parts Used With

MAD-96	1	Thrust Washer					
MAW-2030	1	Armature Assembly					
MAW-31	1	Armature Shaft Spacer					
MU-54	*	Thrust Washer - 1/32" Thick					
MU-54A	*	Thrust Washer - 1/64" Thick					
MU-54B	*	Thrust Washer - 3/64" Thick					
			1	2	3	4	5

* Use as required.

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
SW-2677B	1	Starting Switch Assy.					
X-201	1	3/8 Lock Washer					
8X-830	1	3/8-16 Hex. Nut					
8X-321	2	#10-32x5/16 Rd. Hd. Screw					
X-1270	2	#10 Skpf. Washer					

Starter Clutch Assembly & Parts Used With

MAD-95	1	Spring Retainer					
MAW-95	1	Yoke Spring					
MAW-2096	1	Yoke Assembly					
MAW-3099	1	Starter Clutch Assy.					
MAX-52	1	Yoke Pin					
8X-179	1	3/8-16 Hex. Nut					
X-201	1	3/8 Lock Washer					

Miscellaneous Parts

MAB-1024	1	Head Band Assembly					
MN-18	1	Thrust Washer					
PS-1119	1	Pinion Housing Assy.					
MP-41A	1	Absorbent Bronze Brg.					
X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
8X-794	1	#10-32 Square Nut					
			1	2	3	4	5

(Issued 8-16-40)

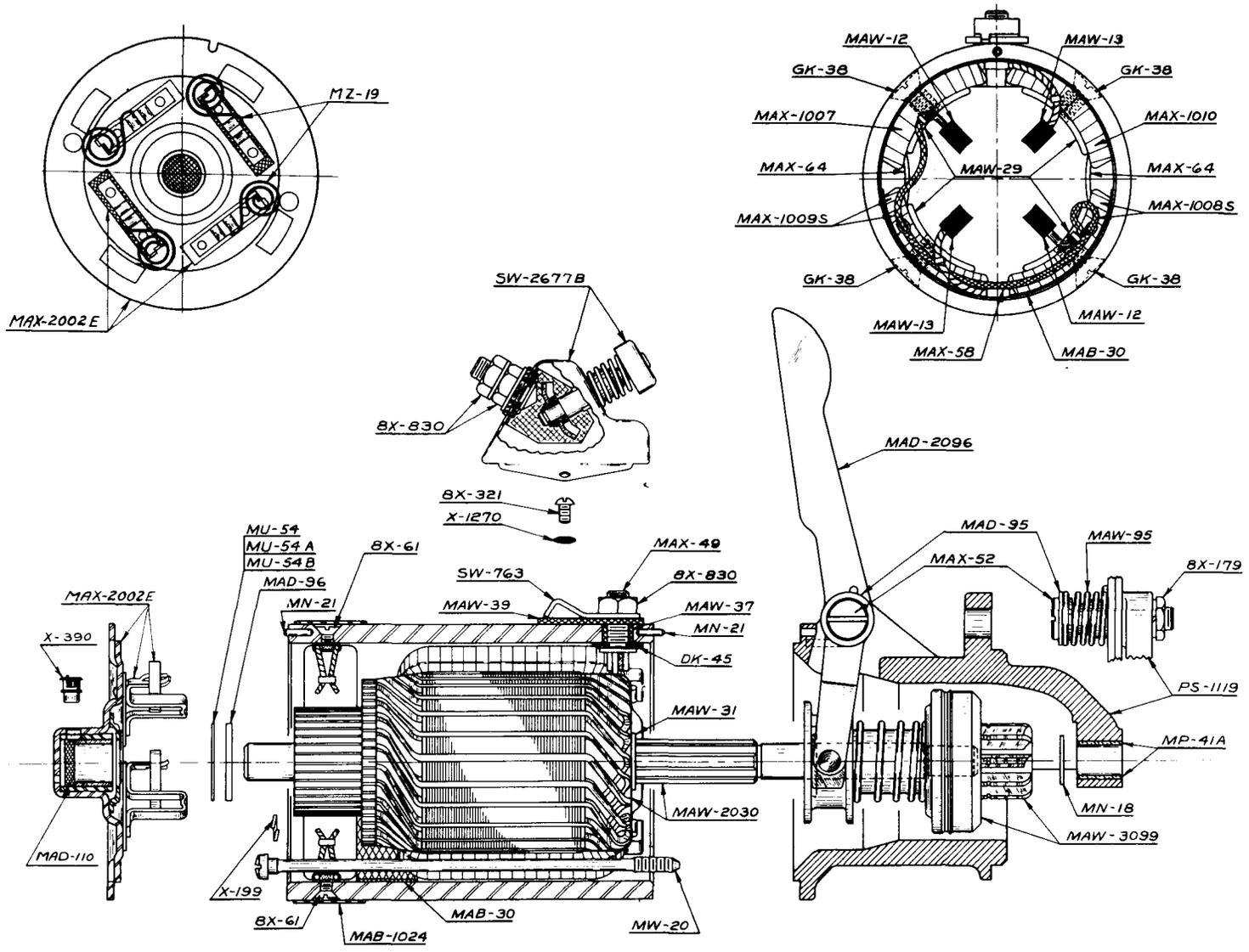
Unit	Application
MAX-4028	Studebaker

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File in
Equipment & Parts Lists Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

MAX-4028 STRATING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4031,A,B STARTING MOTOR PARTS LIST

MAX-4031,A,B

PRELIMINARY

<u>Frame & Field Assembly With Terminal Post & Parts Used With</u>					<u>Switch Assembly & Parts Used With</u>					
Part No.	No. Used	Name of Part	Name of Part					Part No.	No. Used	Name of Part
			1	2	3	4	5			
(MAX-2113A)	1	Frame & Field Assembly						SW-2677A	1	STARTING SWITCH ASSEMBLY
DK-45	1	Insulating Washer						12X-201	1	3/8 Lock Washer
GK-38	4	Pole Piece Screw						8X-830	1	3/8-16 Hex. Nut
MAB-30	1	Field Connection Ins.						8X-321	2	#10-32x5/16 Rd. Hd. Screw
MAW-13†	2	Brush Assy.- Grounded						X-1270	2	#10 Skpf. Washer
MAW-29	4	Pole Piece						<u>Starter Clutch Assy. & Parts Used With</u>		
MAW-37	1	Insulating Bushing						MAW-33	1	Pivot Screw
MAW-39	1	Insulating Block						*	1	Yoke Assembly
MAX-49	1	Terminal Post						*	1	STARTER CLUTCH ASSEMBLY
MAX-58	1	Equalizer						8X-179	1	3/8-16 Hex. Nut
MAX-64	2	Field Coil Connector						12X-201	1	3/8 Lock Washer
MAX-1007	1	Field Coil - U.L.						<u>Miscellaneous Parts</u>		
MAX-1008S	1	Field Coil Assy.- L.R.						MAW-24	1	Head Band
MAW-12†	1	Brush						MN-18	1	Thrust Washer
MAX-1009S	1	Field Coil Assy.- L.L.						PS-1090S	1	Pinion Housing Assembly
MAW-12†	1	Brush						MP-41A	1	ABSORBENT BRONZE BRG.
MAX-1010	1	Field Coil - U.R.						8X-715	1	#10-32x1 1/4 Rd. Hd. Screw
MN-21	2	Dowel Pin						8X-794	1	#10-32 Square Nut
SW-763	1	Switch Contact - Lower								1 2 3 4 5
8X-61	2	#10-32x7/16 Flat Hd. Sc.						(Issued 1-19-42)		
8X-830	1	3/8-16 Hex. Nut								
MW-20A	2	Frame Screw						Assembly	Yoke	Starter
12X-199	2	1/4 Lock Washer						No.	Assembly	Clutch
<u>Comm. End Head Assembly & Parts Used With</u>										
MAX-2002	1	Comm. End Head Assembly						MAX-4031	MAW-2103A	MAW-3132
MAD-110	1	Felt Pad						MAX-4031A	MAW-2103	MAD-3099
MZ-19	4	Brush Spring						MAX-4031B	MAW-2103	MAW-3132
X-390	1	Oiler - 1/4 Hinged Top								
<u>Armature Assembly & Parts Used With</u>										
MAD-96	1	Thrust Washer								
MAW-2030	1	ARMATURE ASSEMBLY								
MAW-31	1	Armature Shaft Spacer								
MU-54	+	Thrust Washer - 1/32" Thick								
MU-54A	+	Thrust Washer - 1/64" Thick								
MU-54B	+	Thrust Washer - 3/64" Thick								
			1	2	3	4	5			

* See table following parts list for part number applying to assembly wanted.

† SERVICE BRUSH SET MAW-2012S.

+ Use as required.

UNIT	APPLICATION
MAX-4031,A,B	Dodge Truck

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File in
Equipment & Parts List Binder

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4032 STARTING MOTOR PARTS LIST

MAX-4032

Frame & Field Assembly with Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2118)	1	Frame & Field Assy.				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAB-31	1	Ins. Washer				
MAB-85	1	Ins. Bushing				
MAK-80	1	Ins. Washer				
MAW-13	2	Brush Assy. - Grounded				
MAW-29	4	Pole Piece				
MAX-47	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. - L.R.				
MAW-12	1	Brush				
MAX-1009S	1	Field Coil Assy. - L.L.				
MAW-12	1	Brush				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
MU-37	1	5/16 Plain Washer				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
X-1014	1	5/16 Lock Washer				
5X-1376	1	5/16-24 Hex. Nut				
MW-20	2	Frame Screw				
X-199	2	1/4 Lock Washer				
X-1014	1	5/16 Lock Washer				
5X-1376	1	5/16-24 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

MAX-2002D	1	Comm. End Plate Assy.				
MZ-19	4	Brush Spring				
		1	2	3	4	5

Armature Assembly & Parts Used With

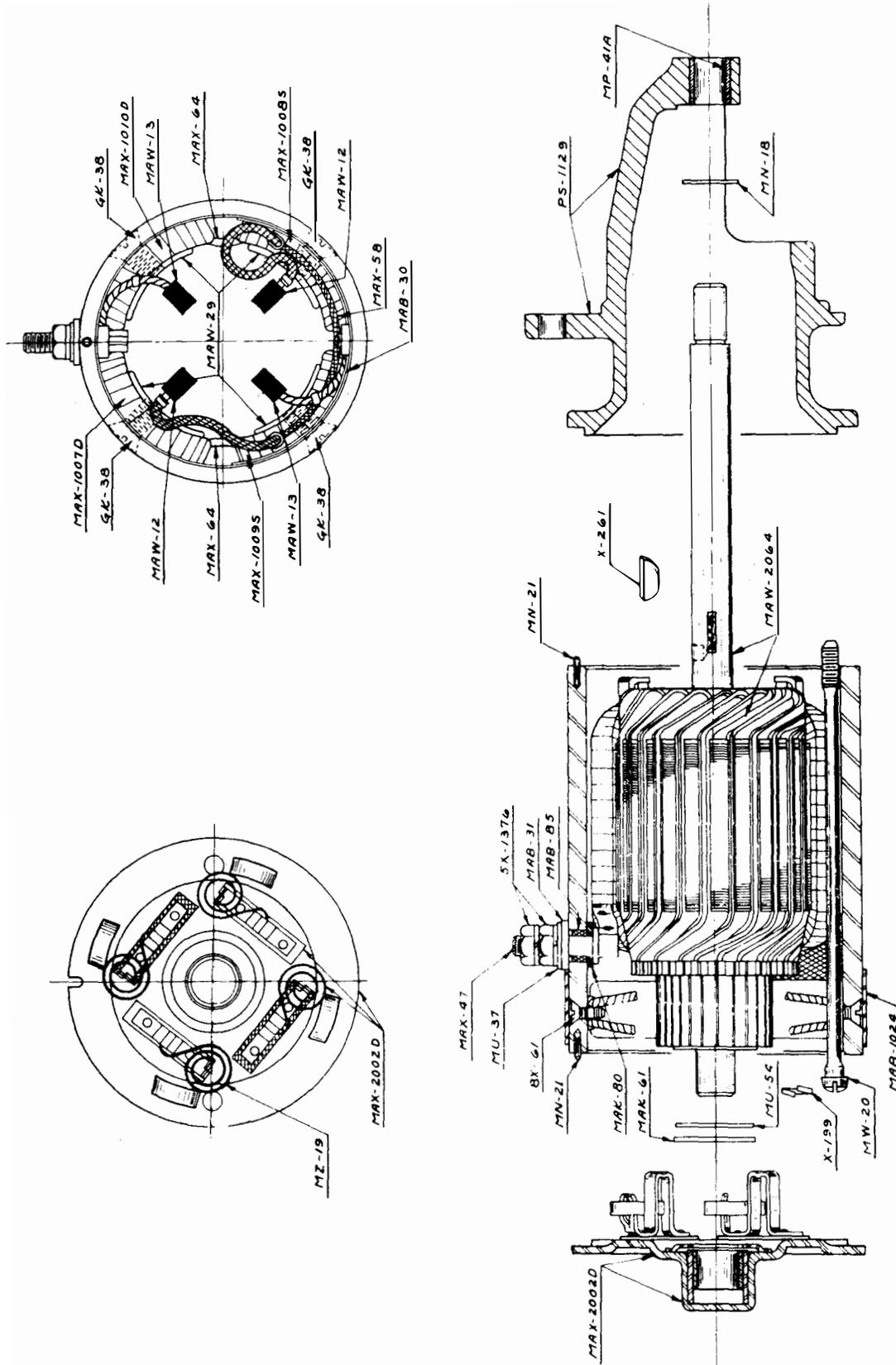
Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAK-61	1	5/8 Steel Washer				
MAW-2064	1	Armature Assembly				
MU-54	1	Thrust Washer - 1/32" Thick				
X-261	1	#6 Woodruff Key				

Miscellaneous Parts

EBA-2	1	Bendix Drive Assembly				
MAB-1024	1	Head Band Assy.				
MN-18	1	Thrust Washer				
PS-1129	1	Pinion Housing Assy.				
MP-41A	1	Absorbent Bronze Brg.				
X-715	1	#10-32x1 1/4 Rd. Hd. Sc.				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 11-30-37)

MAX-4032 STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4033 STARTING MOTOR PARTS LIST

MAX-4033

Frame & Field Assembly with Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(MAX-2124)	1	Frame & Field Assy.					
CK-38	4	Pole Piece Screw					
MAB-30	1	Field Connection Ins.					
MAB-31	1	Insulating Washer					
MAB-85	1	Insulating Bushing					
MAK-80	1	Insulating Washer					
MAW-13	2	Brush Assy. - Grounded					
MAW-20	4	Pole Piece					
MAW-52	1	Field Connection Ins.					
MAX-26	2	Field Coil Connector					
MAX-47	1	Terminal Post					
MAX-58	1	Equalizer					
MAX-1007D	1	Field Coil - U.L.					
MAX-1008S	1	Field Coil Assy. - L.R.					
MAW-12	1	Brush					
MAX-1009S	1	Field Coil Assy. - L.L.					
MAW-12	1	Brush					
MAX-1010D	1	Field Coil - U.R.					
MN-21	2	Dowel Pin					
MU-37	1	5/16 Plain Washer					
8X-61	2	#10-32x7/16 Flat Hd. Sc.					
X-1014	1	5/16 Lock Washer					
8X-1376	1	5/16-24 Hex. Nut					
MW-20	2	Frame Screw					
X-199	2	1/4 Lock Washer					
X-1014	1	5/16 Lock Washer					
5X-1376	1	5/16-24 Hex. Nut					

Comm. End Plate Assembly & Parts Used With

MAX-2002C	1	Comm. End Plate Assembly					
MAD-110	1	Felt Pad					
MZ-19	4	Brush Spring					
X-390	1	Oiler - 1/4 Hinged Top					
			1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
MAK-61	1	5/8 Steel Washer					
MAW-2105	1	Armature Assembly					
MU-54	2	Thrust Washer					
X-261	1	#6 Woodruff Key					
<u>Miscellaneous Parts</u>							
EBA-2	1	Bendix Drive Assy.					
MAB-1024	1	Head Band Assy.					
MAB-2040A	1	Intermediate Brg. Assy.					
MG-77A	1	Absorbent Bronze Brg.					
PS-1133	1	Pinion Housing Assy.					
MAB-88	1	Dowel Pin					
MG-77A	1	Absorbent Bronze Brg.					
X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
8X-794	1	#10-32 Square Nut					
			1	2	3	4	5

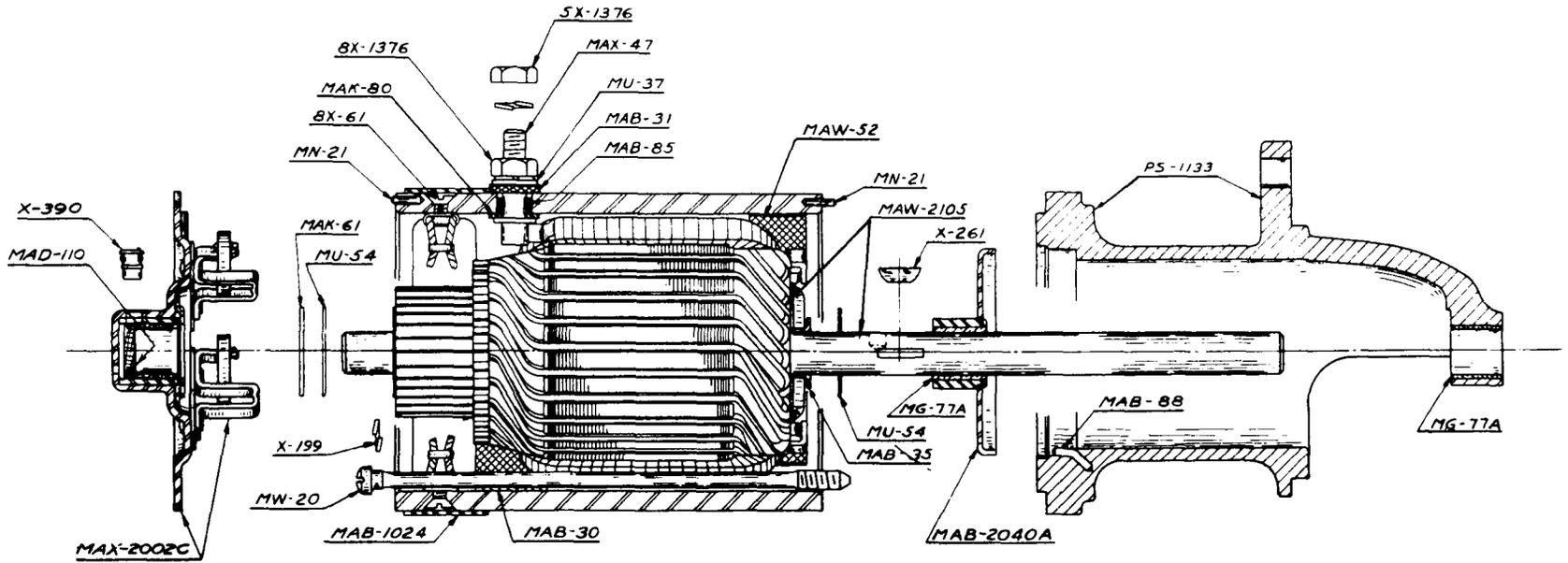
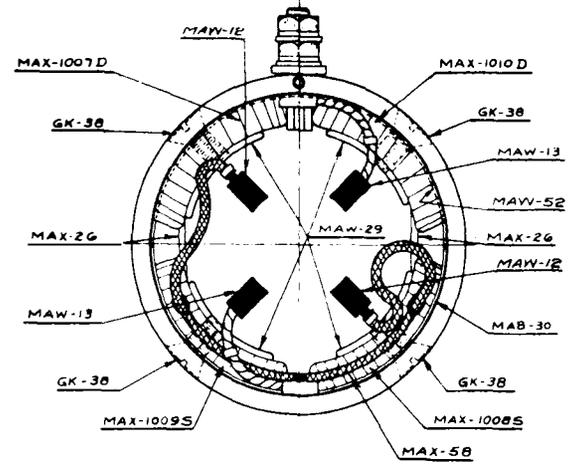
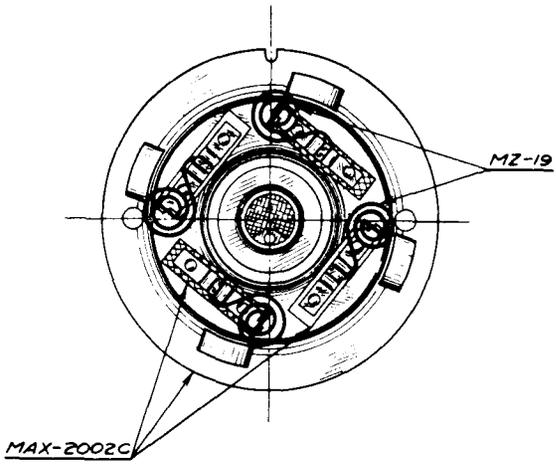
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MAX-4033 STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4034 STARTING MOTOR PARTS LIST

MAX-4034

Frame & Field Assembly with Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-3113)	1	Frame & Field Assy.				
DK-45	1	Ins. Washer				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAW-13	2	Brush Assy. - Grounded				
MAW-29	4	Pole Piece				
MAW-37	1	Ins. Bushing				
MAW-39	1	Ins. Block				
MAX-49	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. - L.R.				
MAW-12	1	Brush				
MAX-1009S	1	Field Coil Assy. - L.L.				
MAW-12	1	Brush				
MAX-1010	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
SW-763	1	Switch Contact - Lower				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
8X-830	1	3/8-16 Hex. Nut				
MSV-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				

Comm. End Plate Assembly & Parts Used With

MAX-3059	1	Comm. End Plate Assy.				
MAD-110	1	Felt Pad				
MZ-19	4	Brush Spring				
X-390	1	Oiler - 1/4 Hinged Top				

Armature Assembly & Parts Used With

MAK-61	1	5/8 Steel Washer				
MAW-75	1	Thrust Washer				
MAW-76	1	Thrust Washer				
MAW-2069	1	Armature Assembly				
MU-54	1	Thrust Washer				

Switch Assembly & Parts Used With

SW-2677A	1	Starting Switch Assy.				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
8X-321	2	#10-32x5/16 Rd. Hd. Screw				
X-1270	2	#10 Skpf. Washer				
		1	2	3	4	5

Starter Clutch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAW-33	1	Pivot Screw				
MAW-70	1	Felt Washer				
MAW-71	1	Felt Retainer				
MAW-72	1	Felt Guard				
MAW-73	1	Thrust Washer				
MAW-74	1	Starter Clutch Shaft Gear				
MAW-100	1	Starter Clutch Shaft				
MAW-2097	1	Yoke Assembly				
MAW-3086A	1	Starter Clutch Assy.				
8X-179	1	3/8-16 Hex. Nut				
12X-201	1	3/8 Lock Washer				
X-261	1	#6 Woodruff Key				

Miscellaneous Parts

MAW-24	1	Head Band				
MAW-1078	1	Intermediate Plate Assy.				
MAW-77	1	Absorbent Bronze Brg.				
MG-77A	1	Absorbent Bronze Brg.				
X-489	1	1/4 Oiler - Press in Type				
MN-18	1	Thrust Washer				
PS-1134	1	Pinion Housing Assy.				
MN-21	1	Dowel				
MP-41A	1	Absorbent Bronze Brg.				
8X-87	1	1/4-20x7/8 Hex. Hd. Screw				
8X-89	2	1/4-20x1 Hex. Hd. Screw				
X-196	3	#10 Lock Washer				
12X-199	3	1/4 Lock Washer				
8X-311	3	#10-32x3/8 Rd. Hd. Screw				
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
8X-865	1	1/8 Pipe Plug				
		1	2	3	4	5

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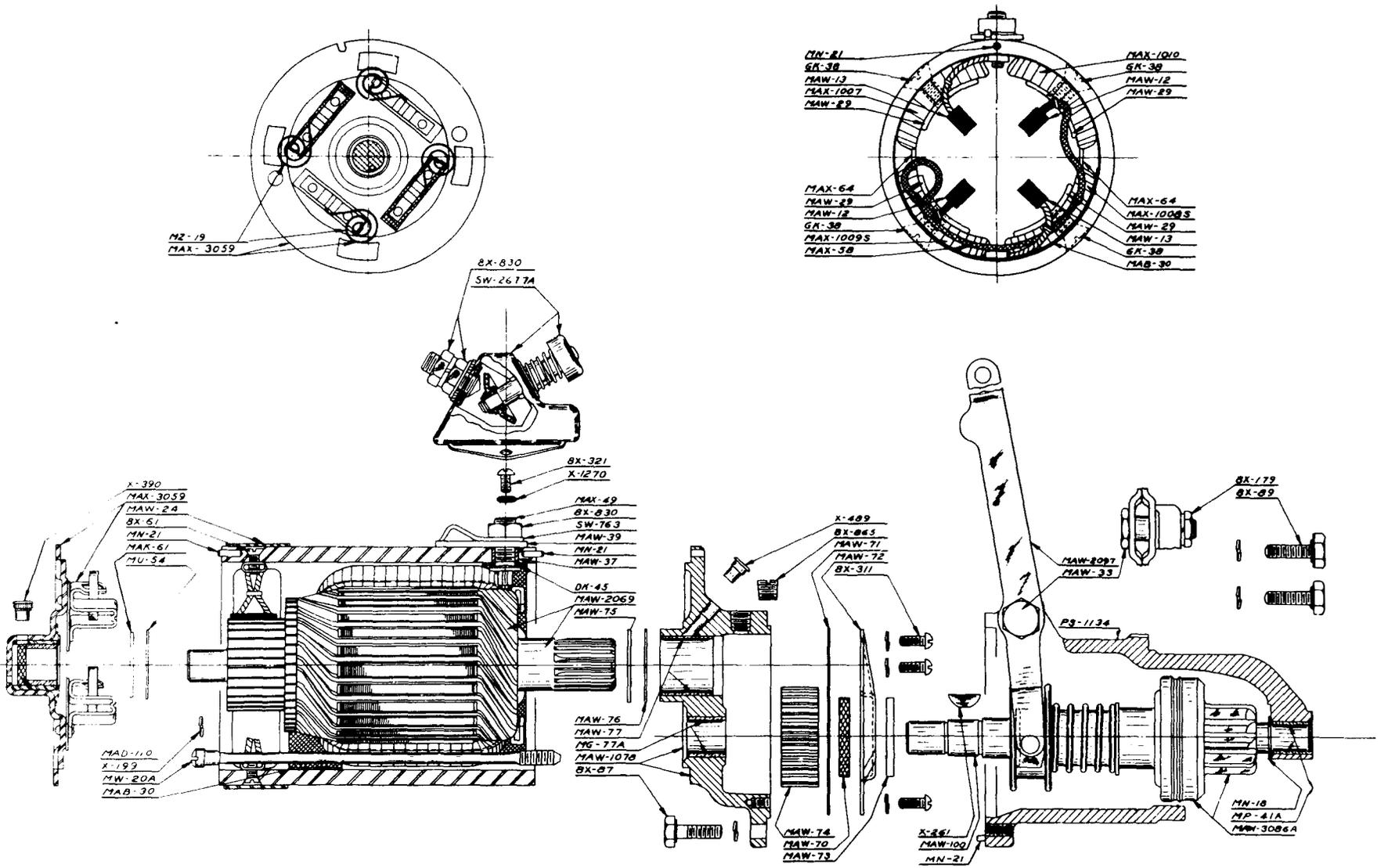
UNIT	APPLICATION
MAX-4034	Dodge Truck

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MAX-4034 STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4035 STARTING MOTOR PARTS LIST

MAX-4035

Frame & Field Assembly with Terminal Post & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-3129)	1	Frame & Field Assy.				
DK-45	1	Insulating Washer				
GK-38B	4	Pole Piece Screw				
MAW-13	2	Brush Assy. - Grounded				
MAW-29	4	Pole Piece				
MAW-37	1	Ins. Bushing				
MAW-52	1	Field Connection Ins.				
MAX-35	1	Ins. Washer				
MAX-44	1	3/8 Steel Washer				
MAX-48	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. - L.R.				
MAW-12	1	Brush				
MAX-1009S	1	Field Coil Assy. - L.L.				
MAW-12	1	Brush				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
<u>Comm. End Plate Assembly & Parts Used With</u>						
MAX-3059	1	Comm. End Plate Assy.				
MAD-110	1	Felt Pad				
MZ-19	4	Brush Spring				
X-390	1	Oiler - 1/4 Hinged Top.				
<u>Armature Assembly & Parts Used With</u>						
MAK-61	1	5/8 Steel Washer				
MAW-75	1	Thrust Washer				
MAW-76	1	Thrust Washer				
MAW-2069	1	Armature Assembly				
MU-54	1	Thrust Washer - 1/32" Thick				
<u>Switch Assembly & Parts Used With</u>						
SS-132	1	Connector				
SS-1128	1	Moving Core Assy.				
SS-59	1	Link Screw				
SS-61	1	Spring				
SS-128	1	Core				
SS-4205	1	Solenoid Starting Switch (See separate list for parts.)				
12X-201	2	3/8 Lock Washer				
8X-467	4	1/4-20x3/8 Hex. Hd. Sc.				
8X-830	2	3/8-16 Hex. Nut				
X-1272	4	1/4 Skpf. Washer				
		1	2	3	4	5

Starter Clutch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAW-70	1	Felt Washer				
MAW-71	1	Felt Retainer				
MAW-72	1	Felt Guard				
MAW-73	1	Thrust Washer				
MAW-74	1	Starter Clutch Shaft Gear				
MAW-100	1	Starter Clutch Shaft				
MAW-3086A	1	Starter Clutch Assy.				
MAD-102	1	Shift Collar				
MAD-105	1	Shift Spring				
MAD-106	1	Lock Spring Ring				
MAX-37	1	Gasket				
MAX-41	1	Yoke Pivot Bushing - 1 1/4 L.				
MAX-42	1	Yoke Pivot Bushing - 1 9/16 L.				
MLA-38	1	Dust Plate				
MLA-41	1	Yoke Spring				
MLA-42	1	Dust Cover				
MLA-1035	1	Yoke Spring Pin				
MLA-2037	1	Yoke Assembly				
SS-56	1	Link Pin				
SS-133	1	Link Pin				
8X-97	1	5/16-18x3 1/4 Hex. Hd. Sc.				
8X-147	1	5/16-18 Hex. Nut				
X-261	1	#6 Woodruff Key				
8X-311	4	#10-32x3/8 Rd. Hd. Sc.				
X-401	1	1/16x3/8 Cotter Pin				
X-409	1	1/16x5/8 Cotter Pin				
12X-1014	1	5/16 Lock Washer				
X-1270	4	#10 Skpf. Washer				
<u>Miscellaneous Parts</u>						
MAW-24	1	Head Band				
MAX-1063	1	Intermediate Plate Assy.				
MAW-77	1	Absorbent Bronze Brg.				
MG-77A	1	Absorbent Bronze Brg.				
X-489	1	1/4 Oiler Press in Type				
MN-18	1	Thrust Washer				
PS-1135	1	Pinion Housing Assy.				
MN-21	1	Dowel Pin				
MP-41A	1	Absorbent Bronze Brg.				
8X-87	1	1/4-20x7/8 Hex. Hd. Screw				
8X-89	2	1/4-20x1 Hex. Hd. Screw				
X-196	3	#10 Lock Washer				
12X-199	3	1/4 Lock Washer				
8X-311	3	#10-32x3/8 Rd. Hd. Sc.				
8X-715	1	#10-32x1 1/4 Rd. Hd. Sc.				
8X-794	1	#10-32 Square Nut				
8X-865	1	1/8 Pipe Plug				
		1	2	3	4	5

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4037 STARTING MOTOR PARTS LIST

MAX-4037

Frame & Field Assembly with Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2120)	1	Frame & Field Assy.				
DK-45	1	Insulating Washer				
GK-38B	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAW-13	2	Brush Assy. - Grounded				
MAW-29	4	Pole Piece				
MAW-37	1	Insulating Bushing				
MAX-35	1	Insulating Washer				
MAX-44	1	3/8 Steel Washer				
MAX-48	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. - L.R.				
MAW-12	1	Brush				
MAX-1009S	1	Field Coil Assy. - L.L.				
MAW-12	1	Brush				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

MAX-2002A	1	Comm. End Plate Assy.
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assembly & Parts Used With

MAD-96	1	Thrust Washer
MAW-2030	1	Armature Assembly
MAW-31	1	Armature Shaft Spacer
MU-54	*	Thrust Washer - 1/32" Thick
MU-54A	*	Thrust Washer - 1/64" Thick
MU-54B	*	Thrust Washer - 3/64" Thick
		1 2 3 4 5

* Use as required.

Switch Assembly & Parts Used

Part No.	No. Used	Name of Part				
		1	2	3	4	5
SS-117L	1	Connector				
SS-4206	1	Solenoid Starting Switch (See separate list for parts)				
12X-201	2	3/8 Lock Washer				
8X-467	4	1/4-20x3/8 Hex. Hd. Screw				
8X-830	2	3/8-16 Hex. Nut				
X-1272	4	1/4 Skpf. Washer				

Starter Clutch Assembly & Parts Used With

MAD-93	1	Yoke Spring
MAD-95	1	Spring Retainer
MAD-3099	1	Starter Clutch Assy.
MAW-2092	1	Yoke Assembly
MAX-52	1	Yoke Pin
SS-56	1	Link Pin
8X-179	1	3/8-16 Hex. Nut
12X-201	1	3/8 Lock Washer
X-401	1	1/16x3/8 Cotter Pin

Miscellaneous Parts

MAW-24	1	Head Band
MN-18	1	Thrust Washer
PS-1142	1	Pinion Housing Assy.
MP-41A	1	Absorbent Bronze Brg.
8X-715	1	#10-32x1 1/4 Rd. Hd. So.
8X-794	1	#10-32 Square Nut
		1 2 3 4 5

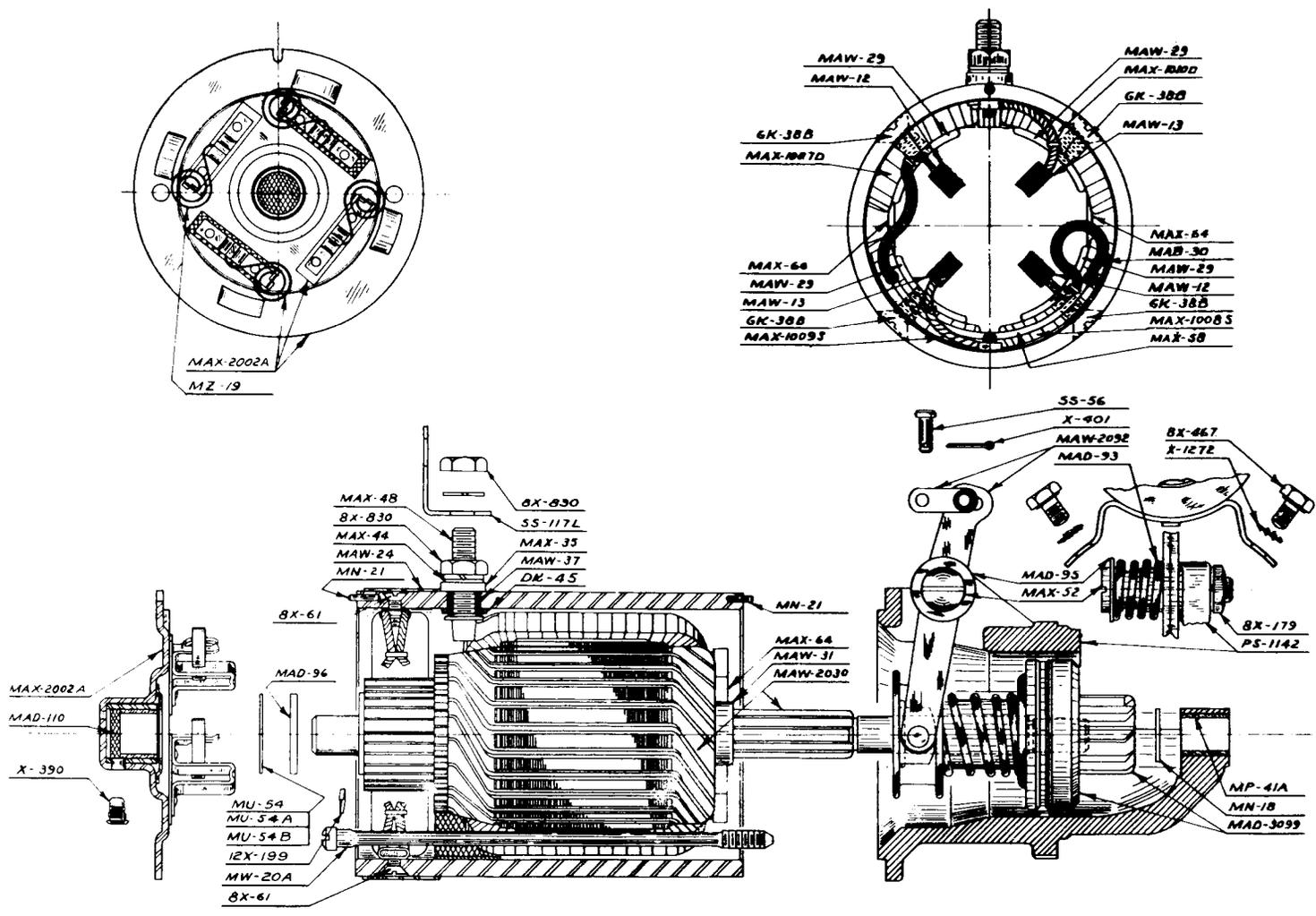
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MAX-4037 STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4038 STARTING MOTOR PARTS LIST

MAX-4038

Frame & Field Assy. With Terminal Post & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2120)	1	Frame & Field Assy.				
DK-45	1	Insulating Washer				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAW-13	2	BRUSH ASSY. - GROUNDED				
MAW-29	4	Pole Piece				
MAW-37	1	Insulating Bushing				
MAX-35	1	Insulating Washer				
MAX-44	1	3/8 Steel Washer				
MAX-48	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy. - L.R.				
MAW-12	1	BRUSH				
MAX-1009S	1	Field Coil Assy. - L.L.				
MAW-12	1	BRUSH				
MAX-1010D	1	Field Coil - U.R.				
LN-21	2	Dowel Pin				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				

Comm. End Plate Assy. & Parts Used With

MAX-2002A	1	Comm. End Plate Assy.
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assembly & Parts Used With

MAD-96	1	Thrust Washer
MAW-2030	1	ARMATURE ASSEMBLY
MAW-31	1	Armature Shaft Spacer
MU-54	*	Thrust Washer - 1/32" Thick
MU-54A	*	Thrust Washer - 1/64" Thick
MU-54B	*	Thrust Washer - 3/64" Thick
	1	2 3 4 5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
SS-93L	1	Connector				
SS-4208	1	SOLENOID STARTING SWITCH (See separate list for parts)				
12X-201	2	3/8 Lock Washer				
8X-467	4	1/4-20x3/8 Hex. Hd. Screw				
8X-830	2	3/8-16 Hex. Nut				
X-1272	4	1/4 Skpf. Washer				

Starting Clutch Assy. & Parts Used With

MAD-93	1	Yoke Spring
MAD-95	1	Spring Retainer
MAD-3099	1	STARTER CLUTCH ASSY.
MAW-2092	1	Yoke Assembly
M X-52	1	Yoke Pin
SS-56	1	Link Pin
8X-179	1	3/8-16 Hex. Nut
12X-201	1	3/8 Lock Washer
X-401	1	1/16x3/8 Cotter Pin

Miscellaneous Parts

MAW-24	1	Head Band
MN-18	1	Thrust Washer
PS-1146	1	Pinion Housing Assy.
MP-41A	1	ABSORBENT BRONZE BRG.
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw
8X-794	1	#10-32 Square Nut
	1	2 3 4 5

(Issued 2-1-40)

* Use as required.

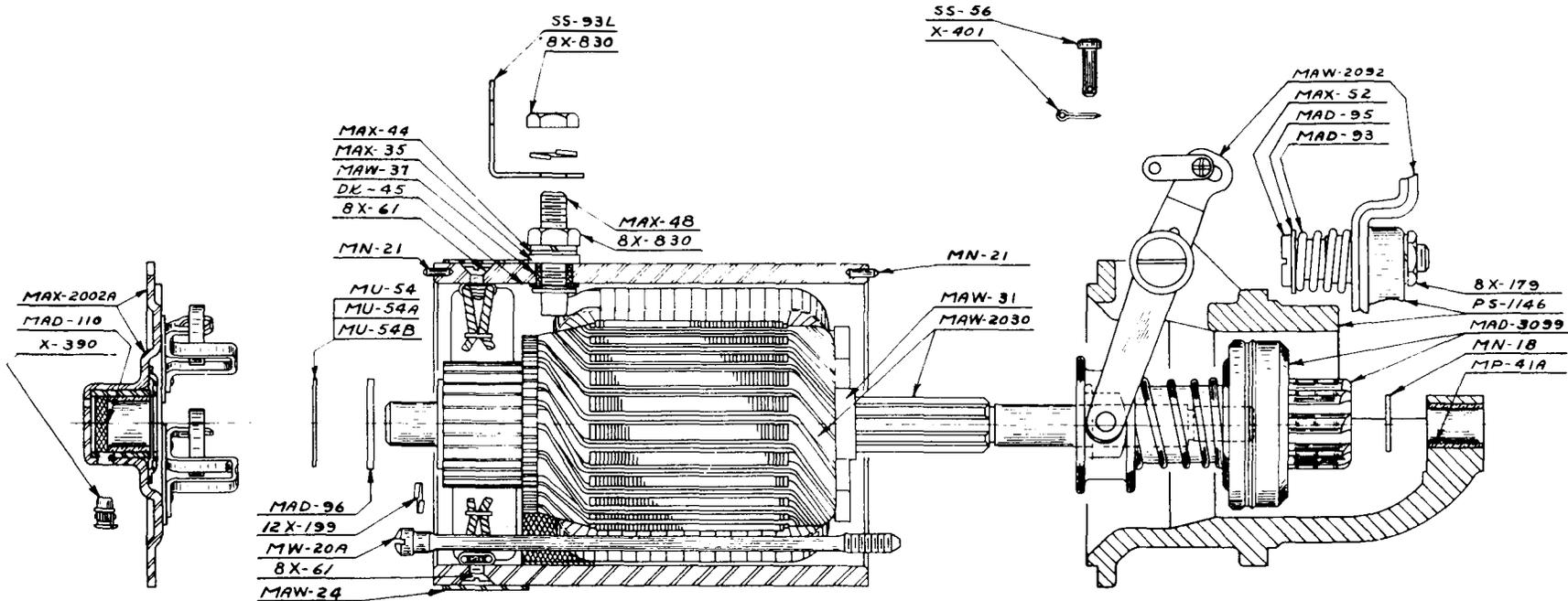
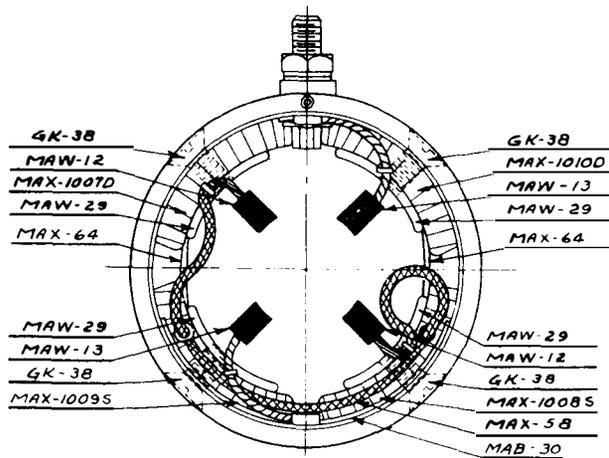
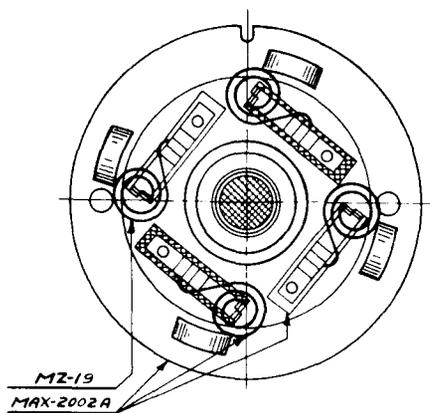
UNIT	APPLICATION
MAX-4038	Chrysler

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File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

MAX-4038 STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4039 STARTING MOTOR PARTS LIST

MAX-4039

Frame & Field Assy. With Terminal Post & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(MAX-2113A)	1	Frame & Field Assy.					
DK-45	1	Insulating Washer					
GK-38B	4	Pole Piece Screw					
MAB-30	1	Field Connection Ins.					
MAW-13	2	BRUSH ASSY.- GROUNDED					
MAW-29	4	Pole Piece					
MAW-37	1	Insulating Bushing					
MAW-39	1	Insulating Block					
MAX-49	1	Terminal Post					
MAX-58	1	Equalizer					
MAX-64	2	Field Coil Connector					
MAX-1007	1	Field Coil - U.L.					
MAX-1008S	1	Field Coil Assy. - L.R.					
MAW-12	1	BRUSH					
MAX-1009S	1	Field Coil Assy. - L.L.					
MAW-12	1	BRUSH					
MAX-1010	1	Field Coil - U.R.					
MN-21	2	Dowel Pin					
SW-763	1	Switch Contact - Lower					
8X-61	2	#10-32x7/16 Flat Hd. Sc.					
8X-830	1	3/8-16 Hex. Nut					
MW-20A	2	Frame Screw					
12X-199	2	1/4 Lock Washer					

Comm. End Plate Assy. & Parts Used With

MAX-2002	1	Comm. End Plate Assy.
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assembly & Parts Used With

MAD-96	1	Thrust Washer
MAW-2030	1	ARMATURE ASSEMBLY
MAW-31	1	Armature Shaft Spacer
MU-54	*	Thrust Washer - 1/32" Thick
MU-54A	*	Thrust Washer - 1/64" Thick
MU-54B	*	Thrust Washer - 3/64" Thick
		1 2 3 4 5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
SW-2677A	1	STARTING SWITCH ASSY.					
12X-201	1	3/8 Lock Washer					
8X-830	1	3/8-16 Hex. Nut					
8X-321	2	#10-32x5/16 Rd. Hd. Screw					
X-1270	2	#10 Skpf. Washer					

Starter Clutch Assy. & Parts Used With

MAD-3099	1	STARTER CLUTCH ASSY.
MAW-33	1	Pivot Screw
MAX-2066	1	Yoke Assembly
8X-179	1	3/8-16 Hex. Nut
12X-201	1	3/8 Lock Washer

Miscellaneous Parts

MAW-24	1	Head Band
MN-18	1	Thrust Washer
PS-1090S	1	Pinion Housing Assy.
MP-41A	1	ABSORBENT BRONZE BRG.
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw
8X-794	1	#10-32 Square Nut
		1 2 3 4 5

(Issued 5-9-39)

* Use as required.

UNIT	APPLICATION
MAX-4039	Dodge Truck

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File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4040 STARTING MOTOR PARTS LIST

MAX-4040

PRELIMINARY

Frame & Field Assembly with Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2115)	1	Frame & Field Assy.				
DK-45	1	Insulating Washer				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAW-13	2	BRUSH ASSY. - Grounded				
MAW-29	4	Pole Piece				
MAW-37	1	Insulating Bushing				
MAX-35	1	Insulating Washer				
MAX-44	1	3/8 Steel Washer				
MAX-48	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy.-L.R.				
MAW-12	1	BRUSH				
MAX-1009S	1	Field Coil Assy.-L.L.				
MAW-12	1	BRUSH				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

MAX-2002	1	Comm. End Plate Assy.
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assembly & Parts Used With

MAD-96	1	Thrust Washer
MAW-2030	1	ARMATURE ASSEMBLY
MAW-31	1	Armature Shaft Spacer
MU-54	*	Thrust Washer-1/32" Thick
MU-54A	*	Thrust Washer-1/64" Thick
MU-54B	*	Thrust Washer-3/64" Thick
		1 2 3 4 5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
SS-95	1	Grounding Cup				
SS-149L	1	Connector				
SS-1128	1	Moving Core Assy.				
SS-59	1	Link Screw				
SS-61	1	Spring				
SS-128	1	Core				
SS-4205	1	SOLENOID STARTING SWITCH (See separate list for parts.)				
8X-183	1	#10 Brass Washer				
12X-196	2	#10 Lock Washer				
12X-201	2	3/8 Lock Washer				
8X-309	2	#10-32x1/2 Rd. Hd. Screw				
8X-467	4	1/4-20x3/8 Hex. Hd. Screw				
8X-830	2	3/8-16 Hex. Nut				
X-1272	4	1/4 Skpf. Washer				

Starter Clutch Assembly & Parts Used With

MAD-2087	1	Yoke Assembly
MAD-3099	1	STARTER CLUTCH ASSY.
MAX-37	1	Gasket
MAX-38	1	Dust Cover
MAX-39	1	Dust Plate
MAX-41	1	Yoke Pivot Bushing - 1 1/4 L.
MAX-42	1	Yoke Pivot Bushing - 1 9/16 L.
MAX-46	1	Yoke Spring
SS-56	1	Link Pin
8X-97	1	5/16-18x3 1/4 Hex. Hd. Screw
8X-147	1	5/16-18 Hex. Nut
8X-311	4	#10-32x3/8 Rd. Hd. Screw
X-401	1	1/16x3/8 Cotter Pin
12X-1014	1	5/16 Lock Washer
X-1270	4	#10 Skpf. Washer

Miscellaneous Parts

MAW-24	1	Head Band
MN-18	1	Thrust Washer
PS-1151	1	Pinion Housing Assy.
MP-41A	1	ABSORBENT BRONZE BRG.
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw
8X-794	1	#10-32 Square Nut
		1 2 3 4 5

(Issued 3-4-41)

* Use as required.

UNIT	APPLICATION
MAX-4040	Dodge Truck

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File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4041 STARTING MOTOR PARTS LIST

MAX-4041

Frame & Field Assy. With Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-3136)	1	Frame & Field Assembly				
DK-45	1	Insulating Washer				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connections Ins.				
MAW-13	2	BRUSH ASSY.- GROUNDED				
MAW-29	4	Pole Piece				
MAW-37	1	Insulating Bushing				
MAX-35	1	Insulating Washer				
MAX-44	1	3/8 Steel Washer				
MAX-48	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy.-L.R.				
MAW-12	1	BRUSH				
MAX-1009S	1	Field Coil Assy.-L.L.				
MAW-12	1	BRUSH				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				

Comm. End Plate Assy. & Parts Used With

MAX-3059	1	Comm. End Plate Assy.				
MAD-110	1	Felt Pad				
MZ-19	4	Brush Spring				
X-390	1	Oiler - 1/4 Hinged Top				

Armature Assembly & Parts Used With

MAK-61	1	5/8 Steel Washer				
MAW-75	1	Thrust Washer				
MAW-76	1	Thrust Washer				
MAW-2069	1	ARMATURE ASSEMBLY				
MU-54	1	Thrust Washer - 1/32" Thick				

Switch Assembly & Parts Used With

SS-132	1	Connector				
SS-1128	1	Moving Core Assembly				
SS-59	1	Link Screw				
SS-61	1	Spring				
SS-128	1	Core				
SS-4205	1	STARTING SWITCH (See separate list for parts)				
12X-201	2	3/8 Lock Washer				
8X-467	4	1/4-20x3/8 Hex. Hd. Screw				
8X-830	2	3/8-16 Hex. Nut				
X-1272	4	1/4 Skpf. Washer				
		1	2	3	4	5

Starter Clutch Assy. & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAW-70	1	Felt Washer				
MAW-71	1	Felt Retainer				
MAW-72	1	Felt Guard				
MAW-73	1	Thrust Washer				
MAW-74	1	St. Clutch Shaft Gear				
MAW-122	1	Clutch Shaft				
MAX-37	1	Gasket				
MAX-41	1	Yoke Pivot Bushing				
MAX-42	1	Yoke Pivot Bushing				
MAX-3065	1	STARTER CLUTCH ASSY.				
MLA-38	1	Dust Plate				
MLA-41	1	Yoke Spring				
MLA-42	1	Dust Cover				
MLA-1035	1	Yoke Spring Pin				
MLA-2037	1	Yoke Assembly				
SS-56	1	Link Pin				
SS-133	1	Link Pin				
8X-97	1	5/16-18x3 1/4 Hex. Hd. Screw				
8X-147	1	5/16-18 Hex. Nut				
X-261	1	#6 Woodruff Key				
8X-311	4	#10-32x3/8 Rd. Hd. Screw				
X-401	1	1/16x3/8 Cotter Pin				
X-409	1	1/16x5/8 Cotter Pin				
12X-1014	1	5/16 Lock Washer				
X-1270	4	#10 Skpf. Washer				

Miscellaneous Parts

MAB-1024E	1	Head Band Assembly				
MAX-1063	1	Intermediate Plate Assy.				
MAW-77	1	ABSORBENT BRONZE BRG.				
MG-77A	1	ABSORBENT BRONZE BRG.				
X-489	1	1/4 Oiler - Press in Type				
MN-18	1	Thrust Washer				
PS-1167	1	Pinion Housing Assembly				
MN-21	1	Dowel Pin				
MP-41A	1	ABSORBENT BRONZE BRG.				
8X-87	1	1/4-20x7/8 Hex. Hd. Screw				
8X-89	2	1/4-20x1 Hex. Hd. Screw				
X-196	3	#10 Lock Washer				
12X-199	3	1/4 Lock Washer				
8X-311	3	#10-32x3/8 Rd. Hd. Screw				
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
8X-865	1	1/8 Pipe Plug				
		1	2	3	4	5

(Issued 6-29-39)

UNIT	APPLICATION
MAX-4041	Packard

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File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4044 STARTING MOTOR PARTS LIST

MAX-4044

Frame & Field Assembly with Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2139)	1	Frame & Field Assy.				
DK-45	1	Insulating Washer				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAW-13	2	BRUSH ASSY.-Grounded				
MAW-29	4	Pole Piece				
MAW-37	1	Insulating Bushing				
MAX-35	1	Insulating Washer				
MAX-44	1	3/8 Steel Washer				
MAX-48	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy.-L.R.				
MAW-12	1	BRUSH				
MAX-1009S	1	Field Coil Assy.-L.L.				
MAW-12	1	BRUSH				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
X-199	2	1/4 Lock Washer				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

MAX-2002E	1	Comm. End Plate Assy.
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assembly & Parts Used With

MAD-96	1	Thrust Washer
MAW-2030	1	ARMATURE ASSEMBLY
MAW-31	1	Armature Shaft Spacer
MU-54	*	Thrust Washer-1/32" Thick
MU-54A	*	Thrust Washer-1/64" Thick
MU-54B	*	Thrust Washer-3/64" Thick
		1 2 3 4 5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
SS-93L	1	Connector				
SS-4702	1	SOLENOID STARTING SWITCH (See separate list for parts)				
12X-201	2	3/8 Lock Washer				
X-467	4	1/4-20x3/8 Hex. Hd. Screw				
8X-830	2	3/8-16 Hex. Nut				
X-1272	4	1/4 Skpf. Washer				

Starter Clutch Assembly & Parts Used With

MAD-93	1	Yoke Spring
MAD-95	1	Spring Retainer
MAW-3099A	1	STARTER CLUTCH ASSY.
MAX-52	1	Yoke Pin
MAX-2068	1	Yoke Assembly
SS-56	1	Link Pin
X-179	1	3/8-16 Hex. Nut
X-201	1	3/8 Lock Washer
X-401	1	1/16x3/8 Cotter Pin

Miscellaneous Parts

MAB-1024	1	Head Band Assembly
MN-18	1	Thrust Washer
PS-1176	1	Pinion Housing Assy.
MP-41A	1	ABSORBENT BRONZE BRG.
X-205	1	7/16 Lock Washer
X-715	1	#10-32x1 1/4 Rd. Hd. Sc.
8X-794	1	#10-32 Square Nut
X-1584	1	7/16-14x1 1/2 Hex. Hd. Sc.
		1 2 3 4 5

(Issued 6-25-40)

* Use as required.

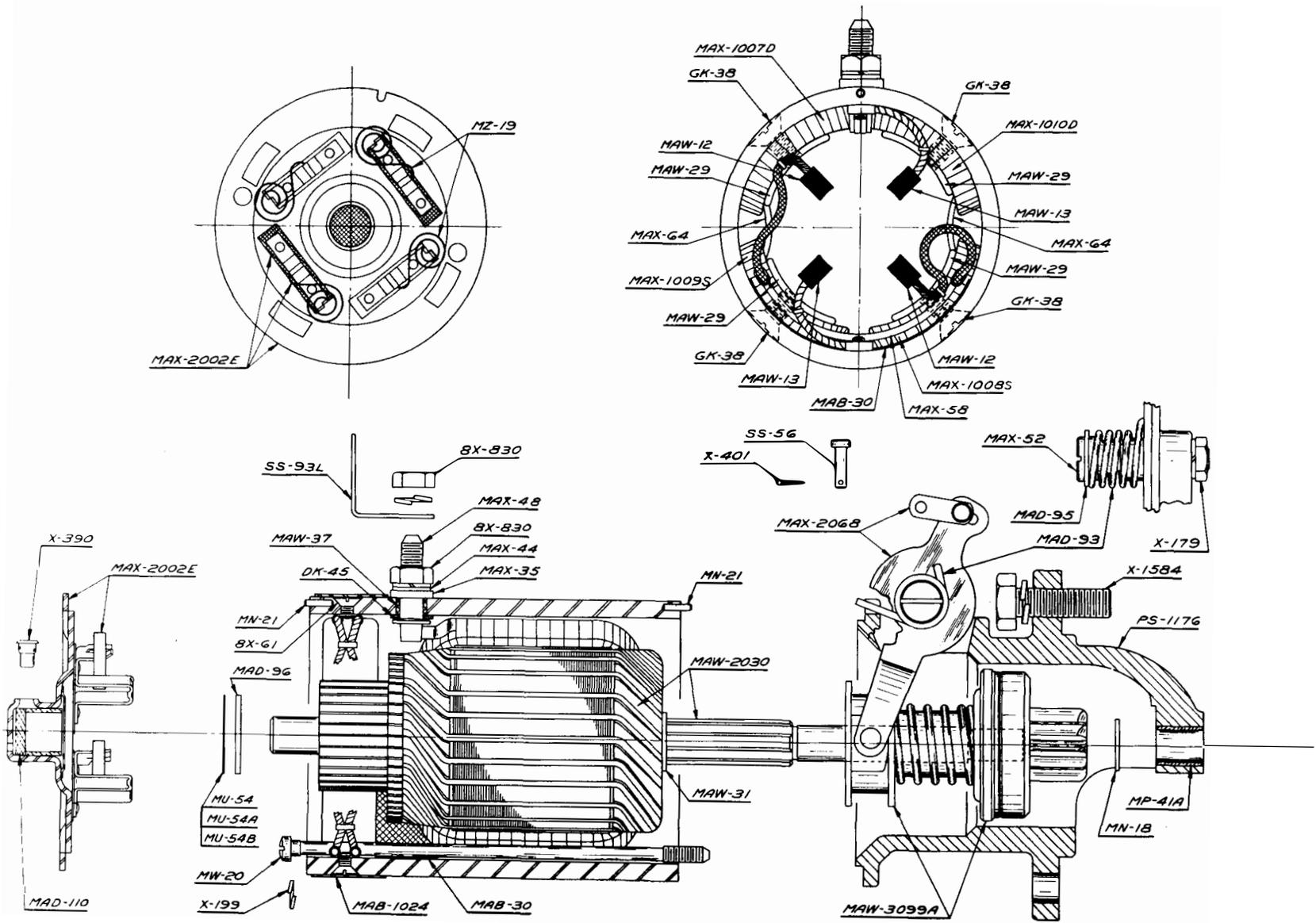
UNIT	APPLICATION
MAX-4044	Studebaker

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File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

MAX-4044 STARTING MOTOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4045,A STARTING MOTOR PARTS LIST

MAX-4045,A

PRELIMINARY

Frame & Field Assembly With Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(MAX-2120)	1	Frame & Field Assembly					
DK-45	1	Insulating Washer					
GK-38	4	Pole Piece Screw					
MAB-30	1	Field Connection Ins.					
MAW-13†	2	Brush Assy.- Grounded					
MAW-29	4	Pole Piece					
MAW-37	1	Insulating Bushing					
MAX-35	1	Insulating Washer					
MAX-44	1	3/8 Steel Washer					
MAX-48	1	Terminal Post					
MAX-58	1	Equalizer					
MAX-64	2	Field Coil Connector					
MAX-1007D	1	Field Coil - U.L.					
MAX-1008S	1	Field Coil Assy.- L.R.					
MAW-12‡	1	Brush					
MAX-1009S	1	Field Coil Assy.- L.L.					
MAW-12‡	1	Brush					
MAX-1010D	1	Field Coil - U.R.					
MN-21	2	Dowel Pin					
8X-61	2	#10-32x7/16 Flat Hd. Sc.					
12X-201	1	3/8 Lock Washer					
8X-830	1	3/8-16 Hex. Nut					
MW-20A	2	Frame Screw					
12X-199	2	1/4 Lock Washer					
12X-201	1	3/8 Lock Washer					
8X-830	1	3/8-16 Hex. Nut					

Comm. End Head Assembly & Parts Used With

MAX-2002A	1	Comm. End Head Assembly
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assembly & Parts Used With

MAD-96	1	Thrust Washer
MAW-2030	1	ARMATURE ASSEMBLY
MAW-31	1	Armature Shaft Spacer
MU-54	+	Thrust Washer - 1/32" Thick
MU-54A	+	Thrust Washer - 1/64" Thick
MU-54B	+	Thrust Washer - 3/64" Thick

Switch Assembly & Parts Used With

.SS-117L	1	Connector
SS-4703	1	SOLENOID STARTING SWITCH (See separate list for parts)
12X-201	2	3/8 Lock Washer
8X-467	4	1/4-20x3/8 Hex. Hd. Screw
8X-830	2	3/8-16 Hex. Nut
X-1272	4	1/4 Skpf. Washer
		1 2 3 4 5

Starter Clutch Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
MAX-69	1	Yoke Spring					
MAX-70	1	Yoke Pin Sleeve					
MAX-71	1	Yoke Pin					
MAX-2072	1	Yoke Assembly					
*	1	STARTER CLUTCH ASSEMBLY					
SS-56	1	Link Pin					
12X-201	1	3/8 Lock Washer					
X-401	1	1/16x3/8 Cotter Pin					
8X-830	1	3/8-16 Hex. Nut					

Miscellaneous Parts

MAW-24	1	Head Band
MN-18	1	Thrust Washer
PS-1177	1	Pinion Housing Assembly
MP-41A	1	ABSORBENT BRONZE BRG.
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw
8X-794	1	#10-32 Square Nut
		1 2 3 4 5

(Issued 1-19-42)

Assembly No.	Starter Clutch
MAX-4045	MAX-3099
MAX-4045A	MAW-3132A

* See table following parts list for part number applying to assembly wanted.

+ Use as required.

† SERVICE BRUSH SET MAW-2012S.

UNIT	APPLICATION
MAX-4045,A	Dodge Truck

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File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4046 STARTING MOTOR PARTS LIST

MAX-4046

Frame & Field Assembly With Terminal Stud & Parts Used With					Switch Assembly & Parts Used With									
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
(MAX-2117A)	1	Frame & Field Assy.					SS-6R	1	Connector, Switch to Motor					
GK-38	4	Screw, Pole Shoe					SS-4001	1	Solenoid Starting Switch					
MAB-30	1	Insulation, Field Connection					12X-196	1	Lockwasher, #10					
MAB-31	1	Washer, Ins., Term. Stud, Outer					8X-832	2	Nut, Hex., 5/16-24					
MAB-85	1	Bushing, Ins., Term. Stud					12X-1014	2	Lockwasher, 5/16					
MAK-80	1	Washer, Ins. Term. Stud Inner					8X-1372	1	Nut, Hex., #10-32					
MAW-12†	2	Brush					8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16					
MAW-13†	2	Brush, Grounded					X-1270	2	Washer, Switch Mtg., Skpf. #10					
MAX-47	1	Stud, Terminal					<u>Miscellaneous Parts</u>							
MAX-58	1	Equalizer					EBA-45	1	Bendix Drive Assy.					
MAX-64	2	Connector, Field Coil					EBA-1213	1	Spring, Anti-Drift					
MAX-1007D	1	Coil, Field, U.L.					EBA-1225	1	Spring, Meshing					
MAX-1008	1	Coil, Field, L.R.					EBA-1232	1	Pinion					
MAX-1009	1	Coil, Field, L.L.					EBA-1233	1	Ring, Retaining					
MAX-1010D	1	Coil, Field, U.R.					EBA-2006	1	Pin, Locating					
MN-21	2	Pin, Dowel					EBA-2007	2	Plate, Spring Anchor					
MU-37	1	Washer, Plain, Term. Stud, 5/16					EBA-2008	1	Ring, Lock					
8X-61	2	Screw, Brush Ground, Flat Hd., #10-32x7/16					EBA-2031	1	Shaft					
X-1014	2	Lockwasher, Term. Stud, 5/16					EBA-4505	1	Spring, Drive					
5X-1376	2	Nut, Term. Stud, Hex., 5/16-24					MAB-1024	1	Band, Cover					
MW-20A	2	Bolt, Thru					MAW-2129	1	Brg. Assy., Intermediate					
X-199	2	Lockwasher, Thru Bolt, 1/4					MAW-130	1	Bearing, Absorbent Bronze					
<u>Comm. End Head Assembly & Parts Used With</u>						PS-1181	1	Housing Assy., Pinion						
MAX-2002B	1	Head Assy., Comm. End					MAW-131	1	Pin, Dowel					
MAD-110	1	Felt					MG-77A	1	Bearing, Absorbent Bronze					
MZ-19	4	Spring, Brush					X-715	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4					
X-390	1	Oiler					8X-794	1	Nut, Cover Band, Square #10-32					
<u>Armature Assembly & Parts Used With</u>								1	2	3	4	5		
MAK-61	1	Washer, Steel												
MAW-2128	1	Armature												
MU-54	2	Washer, Arm. Thrust, C.E. & Intermediate												
X-261	1	Key, Woodruff, #6												

† Brush Set, Service MAW-2012S.

Unit	Application
MAX-4046	Reo Truck

Printed in U. S. A.

(Issued 7-24-46)
File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4048 STARTING MOTOR PARTS LIST

MAX-4048

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part
(MAX-2141)	1	Frame & Field Assy.
GK-38	4	Screw, Pole Shoe
MAB-30	1	Insulation, Field Connection
MAB-31	1	Washer, Ins., Term. Stud
MAB-85	1	Bushing, Ins., Term. Stud
MAK-80	1	Washer, Ins. Term. Stud, Inner
MAW-12†	2	Brush
MAW-13†	2	Brush, Grounded
MAX-47	1	Stud, Terminal
MAX-58	1	Equalizer
MCL-3005CS	1	FIELD COIL PACKAGE
MAX-64	2	Connector, Field Coil
MAX-1008	1	Coil, Field, L.R.
MAX-1009	1	Coil, Field, L.L.
MCL-1007F	1	Coil, Field, U.L.
MCL-1010F	1	Coil, Field, U.R.
MN-21	2	Pin, Dowel
MU-37	1	Washer, Plain, Term. Stud, 5/16
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16
12X-1014	2	Lockwasher, Term. Stud, 5/16
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24
MW-20A	2	Bolt, Thru
12X-199	2	Lockwasher, Thru Bolt, 1/4

Comm. End Head Assembly & Parts Used With

MAX-2002	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19	4	Spring, Brush

Armature Assembly & Parts Used With

MAK-61	1	Washer, Thrust, Comm. End
MAW-2128	1	ARMATURE
MU-54	*	Washer, Thrust, C.E. & D.E., 1/32" Thick
MU-54A	*	Washer, Thrust, C.E. & D.E., 1/64" Thick
MU-54B	*	Washer, Thrust, C.E. & D.E., 3/64" Thick
X-261	1	Key, Woodruff, #6

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part
SS-6LB	1	Connector
SS-4020	1	SOLENOID SWITCH
8X-173	1	Nut, Hex., #10-32
12X-196	1	Lockwasher, #10
8X-832	2	Nut, Hex. 5/16-24
12X-1014	2	Lockwasher, 5/16
8X-321	2	Screw, Mtg. Switch, Rd. Hd. #10-32x5/16
X-1270	2	Washer, Switch Mtg. Sc., Skpf. #10

Miscellaneous Parts

EBB-8	1	BENDIX DRIVE ASSY.
EBA-1213	1	Spring, Anti-Drift
EBA-1225	1	Spring, Meshing
EBA-1233	1	Ring, Retaining
EBA-2006	1	Pin, Locating
EBA-2007	2	Plate, Spring Anchor
EBA-2008	1	Ring, Lock
EBA-2031	1	Shaft
EBA-2105	1	SPRING, DRIVE
EBB-832	1	Pinion
MAW-2129	1	BEARING ASSY., INTERMEDIATE
MAW-130	1	Bearing, Abs. Bronze
MAX-1024	1	Band, Cover
PS-1182	1	Housing Assy., Pinion
MAW-131	1	Pin, Dowel
MG-77A	1	BEARING, ABSORBENT BRONZE
8X-714	1	Screw, Cover Band, Rd.Hd. #10-32x1 1/2
8X-794	1	Nut, Cover Band, Square #10-32

† BRUSH SET, SERVICE, MAW-2012S.

* Use As Required.

UNIT	APPLICATION
MAX-4048	Chrysler (Industrial)

(Issued 4-14-50)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4050 STARTING MOTOR PARTS LIST

MAX-4050

PRELIMINARY

Frame & Field Assembly With Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2143)	1	Frame & Field Assembly				
DK-45	1	Insulating Washer				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAW-13	2	BRUSH ASSY.- Grounded				
MAW-29	4	Pole Piece				
MAW-37	1	Insulating Bushing				
MAX-35	1	Insulating Washer				
MAX-44	1	3/8 Steel Washer				
MAX-48	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy.-L.R.				
MAW-12	1	BRUSH				
MAX-1009S	1	Field Coil Assy.-L.L.				
MAW-12	1	BRUSH				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

MAX-2002G	1	Comm. End Plate Assembly
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assembly & Parts Used With

MAD-96	1	Thrust Washer
MAW-2030	1	ARMATURE ASSEMBLY
MAW-31	1	Armature Shaft Spacer
MU-54	*	Thrust Washer - 1/32" Thick
MU-54A	*	Thrust Washer - 1/64" Thick
MU-54B	*	Thrust Washer - 3/64" Thick
		1 2 3 4 5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAX-74	1	Connector				
SS-4705	1	STARTING SWITCH ASSEMBLY (See Separate List for Parts)				
12X-201	2	3/8 Lock Washer				
8X-467	4	1/4-20x3/C Hex. Hd. Screw				
8X-830	2	3/8-16 Hex. Nut				
X-1272	4	1/4 Skpf. Washer				

Starter Clutch Assembly & Parts Used With

MAW-144	1	Yoke Spring
MAW-3132A	1	STARTER CLUTCH ASSEMBLY
MAX-70	1	Yoke Pin Sleeve
MAX-71	1	Yoke Pin
MAX-2072	1	Yoke Assembly
SS-56	1	Link Pin
12X-201	1	3/8 Lock Washer
X-401	1	1/16x3/8 Cotter Pin
8X-830	1	3/8-16 Hex. Nut

Miscellaneous Parts

MAW-24	1	Head Band
MN-18	1	Thrust Washer
PS-1190	1	Pinion Housing Assembly
MP-41A	1	ABSORBENT BRONZE BRG.
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw
8X-794	1	#10-32 Square Nut
		1 2 3 4 5

(Issued 8-13-41)

* Use as required.

UNIT	APPLICATION
MAX-4050	Chrysler

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4051 STARTING MOTOR PARTS LIST

MAX-4051

PRELIMINARY

<u>Frame & Field Assembly With Terminal Post & Parts Used With</u>						<u>Switch Assembly & Parts Used With</u>							
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(MAX-2139)	1	Frame & Field Assembly					SS-93L	1	Connector				
DK-45	1	Insulating Washer					SS-4702	1	STARTING SWITCH ASSEMBLY (See Separate List for Parts)				
GK-38	4	Pole Piece Screw					12X-201	2	3/8 Lock Washer				
MAB-30	1	Field Connection Ins.					X-467	4	1/4-20x3/8 Hex. Hd. Screw				
MAW-13	2	BRUSH ASSY.- Grounded					8X-830	2	3/8-16 Hex. Nut				
MAW-29	4	Pole Piece					X-1272	4	1/4 Skpf. Washer				
MAW-37	1	Insulating Bushing					<u>Starter Clutch Assembly & Parts Used With</u>						
MAW-35	1	Insulating Washer					MAD-93	1	Yoke Spring				
MAX-44	1	3/8 Steel Washer					MAD-95	1	Spring Retainer				
MAX-48	1	Terminal Post					MAW-3140	1	STARTER CLUTCH ASSEMBLY				
MAX-58	1	Equalizer					MAX-52	1	Yoke Pin				
MAX-64	2	Field Coil Connector					MAX-2068	1	Yoke Assembly				
MAX-1007D	1	Field Coil - U.L.					SS-56	1	Link Pin				
MAX-1008S	1	Field Coil Assy.-L.R.					X-179	1	3/8-16 Hex. Nut				
MAW-12	1	BRUSH					X-201	1	3/8 Lock Washer				
MAX-1009S	1	Field Coil Assy.-L.L.					X-401	1	1/16x3/8 Cotter Pin				
MAW-12	1	BRUSH					<u>Miscellaneous Parts</u>						
MAX-1010D	1	Field Coil - U.R.					MAB-1024	1	Head Band Assembly				
MN-21	2	Dowel Pin					MN-18	1	Thrust Washer				
8X-61	2	#10-32x7/16 Flat Hd. Sc.					PS-1176	1	Pinion Housing Assembly				
12X-201	1	3/8 Lock Washer					MP-41A	1	ABSORBENT BRONZE BRG.				
8X-830	1	3/8-16 Hex. Nut					X-205	1	7/16 Lock Washer				
MW-20A	2	Frame Screw					X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
X-199	2	1/4 Lock Washer					8X-794	1	#10-32 Square Nut				
12X-201	1	3/8 Lock Washer					X-1584	1	7/16-14x1 1/2 Hex. Hd. Sc.				
8X-830	1	3/8-16 Hex. Nut							1 2 3 4 5				
<u>Comm. End Plate Assembly & Parts Used With</u>						(Issued 8-13-41)							
MAX-2002E	1	Comm. End Plate Assembly											
MAD-110	1	Felt Pad											
MZ-19	4	Brush Spring											
X-390	1	Oiler - 1/4 Hinged Top											
<u>Armature Assembly & Parts Used With</u>													
MAD-96	1	Thrust Washer											
MAW-2030	1	ARMATURE ASSEMBLY											
MAW-31	1	Armature Shaft Spacer											
MU-54	*	Thrust Washer - 1/32" Thick											
MU-54A	*	Thrust Washer - 1/64" Thick											
MU-54B	*	Thrust Washer - 3/64" Thick											
		1	2	3	4	5							

* Use as required.

UNIT	APPLICATION
MAX-4051	Studebaker

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File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4052 STARTING MOTOR PARTS LIST

MAX-4052

PRELIMINARY

Frame & Field Assembly With Terminal Post & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-3136)	1	Frame & Field Assembly				
DK-45	1	Insulating Washer				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAW-13	2	BRUSH ASSY.- Grounded				
MAW-29	4	Pole Piece				
MAW-37	1	Insulating Bushing				
MAX-35	1	Insulating Washer				
MAX-44	1	3/8 Steel Washer				
MAX-48	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007D	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy.-L.R.				
MAW-12	1	BRUSH				
MAX-1009S	1	Field Coil Assy.-L.L.				
MAW-12	1	BRUSH				
MAX-1010D	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

MAX-3059	1	Comm. End Plate Assembly				
MAD-110	1	Felt Pad				
MZ-19	4	Brush Spring				
X-390	1	Oiler-1/4 Hinged top				

Armature Assembly & Parts Used With

MAK-61	1	5/8 Steel Washer				
MAW-75	1	Thrust Washer				
MAW-76	1	Thrust Washer				
MAW-2069	1	ARMATURE ASSEMBLY				
MU-54	1	Thrust Washer - 1/32" Thick				

Switch Assembly & Parts Used With

SS-132	1	Connector				
SS-1128	1	Moving Core Assembly				
SS-59	1	Link Screw				
SS-61	1	Spring				
SS-128	1	Core				
SS-4205	1	SOLENOID STARTING SWITCH (See separate list for parts)				
8X-183	1	#10 Brass Washer				
12X-196	2	#10 Lock Washer				
12X-201	2	3/8 Lock Washer				
8X-309	2	#10-32x1/2 Rd. Hd. Screw				
8X-467	4	1/4-20x3/8 Hex. Hd. Screw				
8X-830	2	3/8-16 Hex. Nut				
X-1272	4	1/4 Skpf. Washer				
		1	2	3	4	5

Starter Clutch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAW-70	1	Felt Washer				
MAW-71	1	Felt Retainer				
MAW-72	1	Felt Guard				
MAW-73	1	Thrust Washer				
MAW-74	1	St. Clutch Shaft Gear				
MAW-122	1	Clutch Shaft				
MAX-37	1	Gasket				
MAX-41	1	Yoke Pivot Bushing				
MAX-42	1	Yoke Pivot Bushing				
MAX-3075	1	STARTER CLUTCH ASSEMBLY				
MLA-38	1	Dust Plate				
MLA-41	1	Yoke Spring				
MLA-42	1	Dust Cover				
MLA-1035	1	Yoke Spring Pin				
MLA-2037	1	Yoke Assembly				
SS-56	1	Link Pin				
SS-133	1	Link Pin				
8X-97	1	5/16-18x3 1/4 Hex. Hd. Sc.				
8X-147	1	5/16-18 Hex. Nut				
X-261	1	#6 Woodruff Key				
8X-311	4	#10-32x3/8 Rd. Hd. Screw				
X-401	1	1/16x3/8 Cotter Pin				
X-409	1	1/16x5/8 Cotter Pin				
12X-1014	1	5/16 Lock Washer				
X-1270	4	#10 Skpf. Washer				

Miscellaneous Parts

MAB-1024M	1	Head Band Assembly				
MAX-1063	1	Intermediate Plate Assy.				
MAW-77	1	ABSORBENT BRONZE BRG.				
MG-77A	1	ABSORBENT BRONZE BRG.				
X-489	1	1/4 Oiler-Press in Type				
MN-18	1	Thrust Washer				
PS-1167	1	Pinion Housing Assembly				
MN-21	1	Dowel Pin				
MP-41A	1	Absorbent Bronze Brg.				
8X-87	1	1/4-20x7/8 Hex. Hd. Screw				
8X-89	2	1/4-20x1 Hex. Hd. Screw				
X-196	3	#10 Lock Washer				
12X-199	3	1/4 Lock Washer				
8X-311	3	#10-32x3/8 Rd. Hd. Screw				
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
8X-865	1	1/8 Pipe Plug				
		1	2	3	4	5

(Issued 8-1-41)

UNIT	APPLICATION
MAX-4052	Packard

Printed in U. S. A.

File in
Equipment & Parts List Binder

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4053 STARTING MOTOR PARTS LIST

MAX-4053

PRELIMINARY

Frame & Field Assembly With Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2142)	1	Frame & Field Assembly				
DK-45	1	Insulating Washer				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAW-131	2	Brush Assy.- Grounded				
MAW-29	4	Pole Piece				
MAW-37	1	Insulating Bushing				
MAW-39	1	Insulating Block				
MAX-49	1	Terminal Post				
MAX-58	1	Equalizer				
MAX-64	2	Field Coil Connector				
MAX-1007	1	Field Coil - U.L.				
MAX-1008S	1	Field Coil Assy.- L.R.				
MAW-121	1	Brush				
MAX-1009S	1	Field Coil Assy.- L.L.				
MAW-121	1	Brush				
MAX-1010	1	Field Coil - U.R.				
MN-21	2	Dowel Pin				
SW-764	1	Switch Contact - Lower				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
8X-830	1	3/8-16 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				

Comm. End Head Assembly & Parts Used With

MAX-2002	1	Comm. End Head Assembly				
MAD-110	1	Felt Pad				
MZ-19	4	Brush Spring				
X-390	1	Oiler - 1/4 Hinged Top				

Armature Assembly & Parts Used With

MAD-96	1	Thrust Washer				
MAW-2030	1	ARMATURE ASSEMBLY				
MAW-31	1	Armature Shaft Spacer				
MU-54	*	Thrust Washer - 1/32" Thick				
MU-54A	*	Thrust Washer - 1/64" Thick				
MU-54B	*	Thrust Washer - 3/64" Thick				

Switch Assembly & Parts Used With

SW-2813	1	STARTING SWITCH ASSEMBLY				
12X-201	1	3/8 Lock Washer				
8X-830	1	3/8-16 Hex. Nut				
8X-321	2	#10-32x5/16 Rd. Hd. Screw				
X-1270	2	#10 Skpf. Washer				
		1	2	3	4	5

Starter Clutch Assy. & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAW-2148	1	Yoke Assembly				
MAW-3132	1	STARTER CLUTCH ASSEMBLY				
MZ-175	1	Pivot Screw				
8X-179	1	3/8-16 Hex. Nut				
12X-201	1	3/8 Lock Washer				

Miscellaneous Parts

MAW-24	1	Head Band				
MN-18	1	Thrust Washer				
PS-1194A	1	Pinion Housing Assembly				
MP-41A	1	ABSORBENT BRONZE BRG.				
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 1-19-42)

* Use as required.

† SERVICE BRUSH SET MAW-2012S.

UNIT	APPLICATION
MAX-4053	Dodge Truck

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4054 STARTING MOTOR PARTS LIST

MAX-4054

Frame & Field Assembly With Terminal Stud & Parts Used With					Switch Assembly & Parts Used With							
Part No.	No. Used	Name of Part										
			1	2	3	4	5					
(MAX-2142)	1	Frame & Field Assy.						SW-2813	1	SWITCH, STARTER		
DK-45	1	Washer, Ins., Term. Stud						12X-201	1	Washer, Lock, 3/8		
GK-38	4	Screw, Pole Shoe						8X-830	1	Nut, Hex., 3/8-16		
MAB-30	1	Insulation, Field Connection						8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16		
MAW-12†	2	BRUSH						X-1270	2	Washer, Switch Mtg., Skpf. #10		
MAW-13†	2	BRUSH, GROUNDED						Starter Clutch Assembly & Parts Used With				
MAW-37	1	Bushing, Ins., Term. Stud						MAW-3132	1	STARTER CLUTCH		
MAW-39	1	Insulating Block						MAX-2076	1	Yoke		
MAX-49	1	Stud, Terminal						MZ-175	1	Screw, Pivot		
MAX-58	1	Equalizer						8X-179	1	Nut, Yoke Pivot, Hex. 3/8-16		
MAX-64	2	Connector, Field Coil						12X-201	1	Lockwasher, Yoke Pivot, 3/8		
MAX-1007	1	Coil, Field, U.L.						Miscellaneous Parts				
MAX-1008	1	Coil, Field, L.R.						MAW-24	1	Band, Cover		
MAX-1009	1	Coil, Field, L.L.						MN-18	1	Washer, Thrust, D.E.		
MAX-1010	1	Coil, Field, U.R.						PS-1194A	1	Housing Assy., Pinion		
MN-21	2	Pin, Dowel						MP-41A	1	BEARING, ABSORBENT BRONZE		
SW-764	1	Contact, Switch Lower						8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2		
8X-61	2	Screw, Brush Ground, Flat Hd., #10-32x7/16						8X-794	1	Nut, Cover Band, Square #10-32		
8X-830	1	Nut, Term. Stud, Hex., 3/8-16								1 2 3 4 5		
MW-20A	2	Bolt, Thru										
12X-199	2	Lockwasher, Thru Bolt, 1/4										
Comm. End Head Assembly & Parts Used With												
MAX-2002	1	Head Assy., Comm. End										
MAD-110	1	Felt										
MZ-19	4	Spring, Brush										
Armature Assembly & Parts Used With												
MAD-96	1	Washer, Thrust										
MAW-2030	1	ARMATURE ASSEMBLY										
MAW-31	1	Spacer, Armature Shaft										
MU-54	*	Washer, Thrust, 1/32" thick										
MU-54A	*	Washer, Thrust, 1/64" thick										
MU-54B	*	Washer, Thrust, 3/64" thick										
			1	2	3	4	5					

* Use as required.

† BRUSH SET, Service MAW-2012S.

Unit	Application
MAX-4054	Dodge Truck

(Issued 2-19-47)

File in
Equipment & Parts List Binder

Printed in U. S. A.

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4057 STARTING MOTOR PARTS LIST

MAX-4057

Frame & Field Assembly With Terminal Stud & Parts Used With					Miscellaneous Parts								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(MAX-3124)	1	Frame & Field Assy.					EBA-17	1	Bendix Drive Assembly				
GK-38	4	Screw, Pole Shoe					EB-108	2	Lock Washer				
MAB-30	1	Insulation, Field Connection					EB-7806	1	Hd. Sp. Bolt or Screw				
MAB-31	1	Washer, Ins., Term. Stud, Outer					EB-7807	1	Shaft Spring Sc.				
MAB-85	1	Bushing, Ins., Term. Stud					EB-7819S	1	Compression Sleeve				
MAK-80	1	Washer, Ins., Term. Stud Inner					EB-8503	1	Driving Head				
MAW-12†	2	Brush					EB-8705	1	Driving Spring				
MAW-13†	2	Brush, Grounded					EB-8734	1	Take Up Ring				
MAX-47	1	Stud, Terminal					EBA-1711	1	S-A Assembly				
MAX-58	1	Equalizer					MAB-1024	1	Band, Cover				
MAX-64	2	Connector, Field Coil					MAW-70	1	Washer, Felt, Int. Plate				
MAX-1007D	1	Coil, Field, U.L.					MAW-71	1	Retainer, Felt Washer, Int. Plate				
MAX-1008	1	Coil, Field, L.R.					MAW-72	1	Guard, Felt Washer, Int. Plate				
MAX-1009	1	Coil, Field, L.L.					MAW-84	1	Shaft, Bendix Drive				
MAX-1010D	1	Coil, Field, U.R.					MAW-87	1	Gear, Bendix Shaft				
MN-21	2	Pin, Dowel					MAX-1077	1	Bearing Assy., Intermediate				
MU-37	1	Washer, Plain, Term. Stud, 5/16					MAW-77	1	Bearing, Arm. Shaft, Absorbent Bronze				
8X-61	2	Screw, Brush Ground, Flat Hd., #10-32x7/16					MG-77A	1	Bearing, Bendix Shaft, Absorbent Bronze				
X-1014	1	Washer, Lock, Term. Stud 5/16					X-489	1	Oiler, Hinge Top, Press in 1/4				
8X-1376	1	Nut, Term. Stud Hex., 5/16-24					MN-18	1	Washer, Thrust, D.E.				
MW-20A	2	Bolt, Thru					PS-1220	1	Housing Assy. Pinion				
X-199	2	Lockwasher, Thru Bolt, 1/4					MN-21	1	Pin, Dowel				
X-1014	1	Lockwasher, Term. Stud, 5/16					MP-41A	1	Bearing, Absorbent Bronze				
8X-1376	1	Nut, Term. Stud, Hex. 5/16-24					8X-89	3	Screw, Housing Attaching, Hex. Hd. 1/4-20x1				
Comm. End Head Assembly & Parts Used With						X-196	3	Lockwasher, Retainer Sc., #10					
MAX-3059	1	Head Assy., Comm. End					X-199	3	Lockwasher, Housing Sc., 1/4				
MAD-110	1	Felt					X-261	2	Key, Woodruff #6				
MZ-19	4	Spring, Brush					8X-311	3	Screw, Retainer, Rd. Hd. #10-32x 3/8				
Armature Assembly & Parts Used With						X-505	1	Plug, Pipe, 1/8					
MAK-61	1	Washer, Arm. Thrust, C.E.					X-715	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4				
MAW-75	1	Washer, Thrust, Intermediate					8X-794	1	Nut, Cover Band, Square #10-32 1 2 3 4 5				
MAW-76	1	Washer, Thrust, Intermediate											
MAW-2069	1	Armature											
MU-54	1	Washer, Arm. Thrust. C.E. 1 2 3 4 5											

† Brush Set, Service MAW-2012S.

UNIT	APPLICATION
MAX-4057	Autocar

(Issued 10-10-46)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4059 STARTING MOTOR PARTS LIST

MAX-4059

Frame & Field Assembly With Terminal Stud & Parts Used With

Part No.	No. Used	Name of Part
(MAX-3118)	1	Frame & Field Assy.
GK-38	4	Screw, Pole Shoe
MAB-30	1	Insulation, Field Connection
MAB-31	1	Washer, Ins., Term. Stud, Outer
MAB-85	1	Bushing, Ins., Term. Stud
MAK-80	1	Washer, Ins., Term. Stud, Inner
MAW-12†	2	Brush
MAW-13†	2	Brush, Grounded
MAX-47	1	Stud, Terminal
MAX-58	1	Equalizer
MAX-3005AS	1	Field Coil Package
MAX-64	2	Connector, Field Coil
MAX-1007D	1	Coil, Field, U.L.
MAX-1008	1	Coil, Field, L.R.
MAX-1009	1	Coil, Field, L.L.
MAX-1010D	1	Coil, Field, U.R.
MN-21	2	Pin, Dowel
MU-37	1	Washer, Plain, Term. Stud, 5/16
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16
X-1014	2	Lockwasher, Term. Stud, 5/16
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24
MW-20A	2	Bolt, Thru
X-199	2	Lockwasher, Thru Bolt, 1/4

Comm. End Head Assembly & Parts Used With

MAX-3059	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19	4	Spring, Brush

Armature Assembly & Parts Used With

MAK-61	1	Washer, Arm. Thrust, C.E.
MAW-2159	1	Armature
MU-54	1	Washer, Arm. Thrust, C.E.
X-261	2	Key, Woodruff, #6

Miscellaneous Parts

Part No.	No. Used	Name of Part
EBA-66	1	Bendix Drive Assy.
EB-108	2	Lockwasher
EB-7806	1	Screw, Spring, Head
EB-7807	1	Screw, Spring, Shaft
EB-7819S	1	Sleeve, Compression
EB-8503	1	Head, Drive
EB-8705	1	Spring, Drive
EB-8734	1	Ring, Take Up
EBA-6611	1	Shaft & Pinion
MAB-1024E	1	Band, Cover
MAD-59	1	Shaft, Bendix Drive
MAD-1058	1	Bearing Assy., Intermediate
MG-77A	1	Bearing, Abs. Bronze
ML-18A	1	Bearing, Abs. Bronze
MN-1	1	Retainer, Felt Washer
MN-6	1	Gear
MN-19	1	Washer, Felt
PS-1022	1	Housing Assy., Pinion
MN-21	1	Pin, Dowel
MP-41A	1	Bearing, Abs. Bronze
8X-89	4	Screw, Housing, Hex. Hd. 1/4-20x1
X-196	3	Lockwasher, Retainer Screw, #10
X-199	4	Lockwasher, Housing Screw, 1/4
8X-312	3	Screw, Retainer, Rd. Hd. #10-32x1/4
8X-505	1	Plug, Pipe, 1/8
X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
8X-794	1	Nut, Cover Band, Square #10-32

† Brush Set, Service, MAW-2012S.

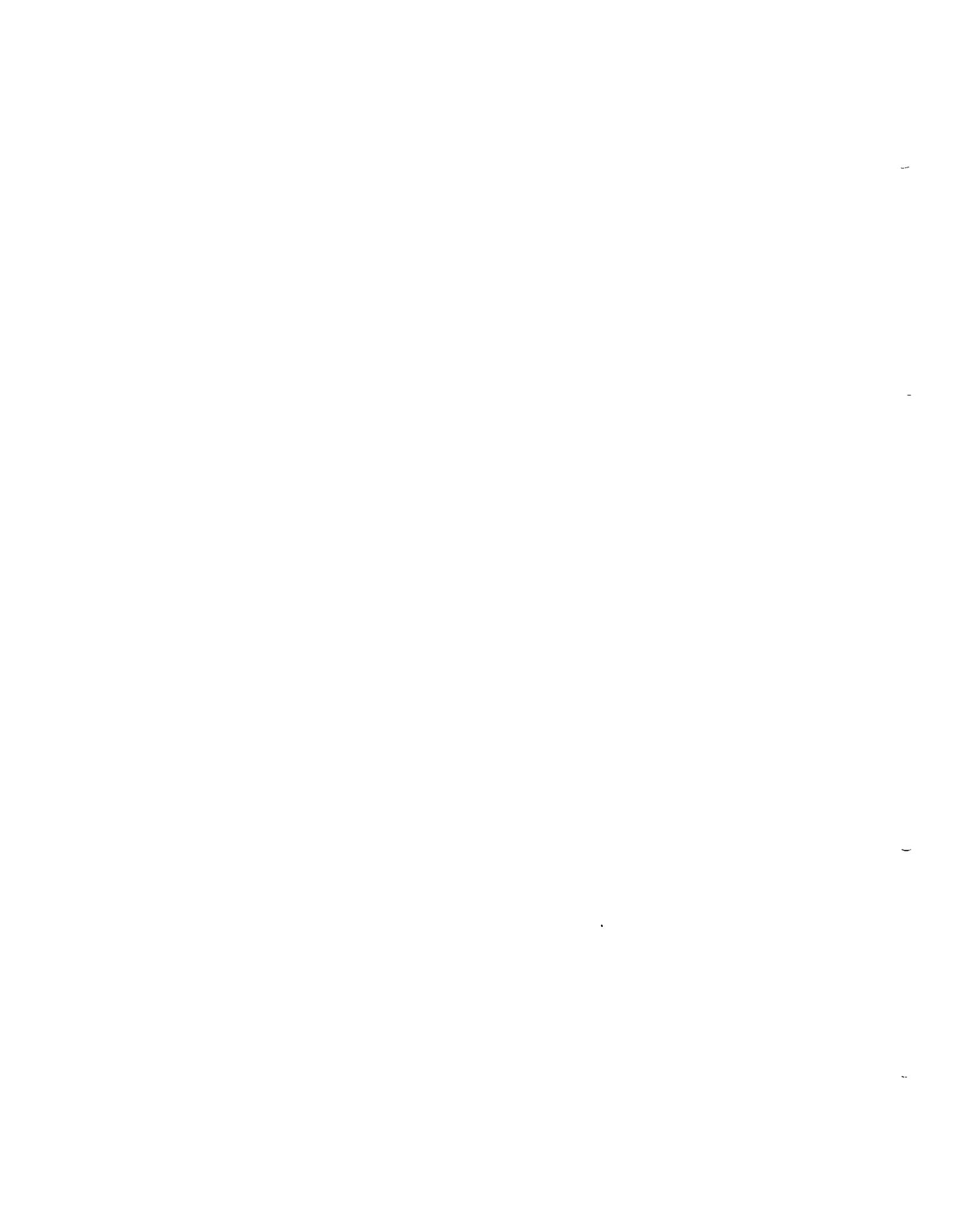
UNIT	APPLICATION
MAX-4059	Continental, Hercules

(Issued 7-15-48)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4062 STARTING MOTOR PARTS LIST

MAX-4062

Frame & Field Assembly With Terminal Stud & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(MAX-2115)	1	Frame & Field Assy.					
DK-45	1	Washer, Ins., Term. Stud, Inner					
GK-38	4	Screw, Pole Shoe					
MAB-30	1	Insulation Field Connection					
MAW-12†	2	Brush					
MAW-13†	2	Brush, Grounded					
MAW-37	1	Bushing, Ins., Term. Stud					
MAX-35	1	Washer, Ins., Term. Stud, Outer					
MAX-44	1	Washer, Term. Stud, 3/8					
MAX-48	1	Stud, Terminal					
MAX-58	1	Equalizer					
MAX-64	2	Connector, Field Coil					
MAX-1007D	1	Coil, Field, U.L.					
MAX-1008	1	Coil, Field, L.R.					
MAX-1009	1	Coil, Field, L.L.					
MAX-1010D	1	Coil, Field, U.R.					
MN-21	2	Pin, Dowel					
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16					
12X-201	2	Lockwasher, Term. Stud, 3/8					
8X-830	2	Nut, Term. Stud, Hex. 3/8-16					
MW-20A	2	Bolt, Thru					
12X-199	2	Lockwasher, Thru Bolt, 1/4					

Comm. End Head Assembly & Parts Used With

MAX-2002	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19	4	Spring, Brush

Armature Assembly & Parts Used With

MAD-96	1	Washer, Thrust, C.E.
MAW-2030	1	ARMATURE ASSY.
MAW-31	1	Spacer Arm. Shaft
MU-54	*	Washer, Thrust, C.E.
MU-54A	*	Washer, Thrust, C.E.
MU-54B	*	Washer, Thrust, C.E.

Switch Assembly & Parts Used With

SS-107L	1	Connector
SS-1128	1	Core Assy.
SS-59	1	Screw, Link
SS-61	1	Spring
SS-128	1	Core
SS-4706	1	SOLENOID STARTING SWITCH
12X-201	2	Lockwasher, Switch Term., 3/8
8X-467	4	Screw, Switch Mtg., Hex. Hd. 1/4-20x3/8
8X-830	2	Nut, Switch Term., Hex. 3/8-16
X-1272	4	Washer, Switch Mtg., Skpf. 1/4
		1 2 3 4 5

Starter Clutch Assy. & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
MAD-2087	1	Yoke					
MAW-3132A	1	STARTER CLUTCH					
MAX-37	1	Gasket, Dust Cover To Switch					
MAX-38	1	Cover, Dust					
MAX-39	1	Plate, Dust					
MAX-41	1	Bushing, Yoke Pivot, 1 1/4"					
MAX-42	1	Bushing, Yoke Pivot, 1 9/16" long					
MAX-46	1	Spring, Yoke					
SS-56	1	Pin, Link					
8X-97	1	Screw, Yoke Pivot, Hex. Hd. 5/16-18x3 1/4					
8X-147	1	Nut, Yoke Pivot, Hex. 5/16-18					
8X-311	4	Screw, Dust Cover, Rd. Hd. #10-32x3/8					
X-401	1	Pin, Cotter, 1/16x3/8					
12X-1014	1	Lockwasher, Yoke Pivot, 5/16					
X-1270	4	Washer, Dust Cover, Skpf. #10					

Miscellaneous Parts

MAW-24	1	Band, Cover
MN-18	1	Washer, Thrust, D.E.
PS-1234	1	Housing Assy., Pinion
MP-41A	1	BEARING, ABS. BRONZE
8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
8X-794	1	Nut, Cover Band, Square #10-32
		1 2 3 4 5

† BRUSH SET, SERVICE MAW -2012S.

* Use as required.

UNIT	APPLICATION
MAX-4062	Chrysler Industrial

(Issued 1-23-48)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4063 STARTING MOTOR PARTS LIST

MAX-4063

Frame & Field Assembly With Terminal Stud & Parts Used With					
Part No.	No. Used	Name of Part			
		1	2	3	4 5
(MAX-2152)	1	Frame & Field Assy.			
GK-38	4	Screw, Pole Shoe			
MAB-30	1	Insulation, Field Connection			
MAB-31	1	Washer, Ins., Term. Stud.			
MAB-85	1	Bushing, Ins., Term. Stud.			
MAK-80	1	Washer, Ins.			
MAW-12†	2	Brush			
MAW-13†	2	Brush, Grounded			
MAX-47	1	Stud, Terminal 5/16-24			
MAX-58	1	Equalizer			
MAX-64	2	Connector, Field Coil			
MAX-1007D	1	Coil, Field, U.L.			
MAX-1008	1	Coil, Field, L.R.			
MAX-1009	1	Coil, Field, L.L.			
MAX-1010D	1	Coil, Field, U.R.			
MN-21	2	Pin, Dowel			
MU-37	1	Washer, Plain, Term. Stud, 5/16			
8X-61	2	Screw, Brush Ground, Flat Hd., #10-32x7/16			
X-1014	2	Washer, Lock, Term. Stud, 5/16			
8X-137	2	Nut, Term. Stud, Hex., 5/16-24			
MW-20A	2	Bolt, Thru			
X-199	2	Lockwasher, Thru Bolt 1/4			
Comm. End Head Assembly & Parts Used With:					
MAX-2002	1	Head Assy., Comm. End			
MAD-110	1	Felt			
MZ-19	4	Spring, Brush			
Armature Assembly & Parts Used With					
MAK-61	1	Washer, Arm. Thrust, Comm. End			
MAW-2204	1	Armature Assembly			
MAB-35	1	Spacer, Bearing Thrust			
MU-54	2	Washer Arm. Thrust, Comm. End & Intermediate			
X-261	1	Key, Woodruff, #6			
		1	2	3	4 5

Switch Assembly & Parts Used With					
Part No.	No. Used	Name of Part			
		1	2	3	4 5
SS-6R	1	Connector, Switch to Motor			
SS-4001	1	Switch, Starting			
12X-196	1	Washer, Lock, #10			
8X-832	2	Nut, Hex., 5/16-24			
12X-1014	2	Washer, Lock, 5/16			
8X-173	1	Nut, Hex., #10-32			
8X-321	2	Screw, Mtg., Switch Rd. #10-32x5/16			
X-1270	2	Washer, Skpf., Switch Mtg. Sc., #10			
Miscellaneous Parts					
EBA-2	1	Bendix Drive Assembly			
EB-108	2	Washer, Lock			
EB-7806	1	Screw, Spring, Head			
EB-7807	1	Screw, Spring, Shaft			
EB-7819S	1	Sleeve, Compression			
EB-8503	1	Head, Driving			
EB-8705	1	Spring, Drive			
EB-8734	1	Ring, Tak-Up			
EBA-211	1	Shaft & Pinion			
MAB-2040	1	Bearing Assy., Intermediate			
MG-77A	1	Bearing, Absorbent Bronze			
MAW-24	1	Band, Cover			
PS-1281	1	Housing Assy., Pinion			
MAB-88	1	Pin, Dowel			
MG-77A	1	Bearing, Absorbent Bronze			
X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4			
8X-794	1	Nut, Cover Band, Square #10-32			
		1	2	3	4 5

† Brush Set, Service, MAW-2012S.

UNIT	APPLICATION
MAX-4063	Lincoln Electric

(Issued 8-18-47)

Printed in U. S. A.

File in
Equipment & Parts List Binder

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4064 STARTING MOTOR PARTS LIST

MAX-4064

<u>Frame & Field Assembly With Terminal Stud & Parts Used With</u>				<u>Switch Assembly & Parts Used With</u>											
Part No.	No. Used	Name of Part	Name of Part												
			1	2	3	4	5								
(MAX-2151)	1	Frame & Field Assembly													
GK-38	4	Screw, Pole Shoe													
MAB-30	1	Insulation, Field Connection													
MAB-31	1	Washer, Ins., Term. Stud													
MAB-85	1	Bushing, Ins., Term. Stud													
MAK-80	1	Washer, Ins. Term. Stud Inner													
MAW-12†	2	Brush													
MAW-13†	2	Brush, Grounded													
MAX-47	1	Stud, Terminal 5/16-24													
MAX-58	1	Equalizer													
MAX-64	2	Connector, Field Coil													
MAX-1007D	1	Coil, Field, U.L.													
MAX-1008	1	Coil, Field, L.R.													
MAX-1009	1	Coil, Field, L.L.													
MAX-1010D	1	Coil, Field, U.R.													
MN-21	2	Pin, Dowel													
MU-37	1	Washer, Plain, Term. Stud 5/16													
8X-61	2	Screw, Brush Ground, Flat Hd., #10-32x7/16													
12X-1014	2	Lockwasher, Term. Stud 5/16													
8X-1376	2	Nut, Term. Stud, Hex., 5/16-24													
MW-20A	2	Bolt, Thru													
X-199	2	Lockwasher, Thru Bolt, 1/4													
<u>Comm. End Head Assembly & Parts Used With</u>				<u>Miscellaneous Parts</u>											
MAX-2002	1	Head Assy., Comm. End													
MAD-110	1	Felt													
MZ-19	4	Spring, Brush													
<u>Armature Assembly & Parts Used With</u>				EBA-52	1	Bendix Drive Assembly									
MAK-61	1	Washer, Arm. Thrust, C.E.						EBA-1213	1	Anti-Drift Spring					
MAW-2128	1	Armature						EBA-1225	1	Meshing Spring					
MU-54	2	Washer, Arm. Thrust, Comm. End & Intermediate						EBA-1233	1	Retaining Ring					
X-261	1	Key, Woodruff, #6						EBA-2006	1	Locating Pin					
		1 2 3 4 5						EBA-2007	2	Spring Anchor Plate					
								EBA-2008	1	Lock Ring					
								EBA-2031	1	Screw Shaft Assy.					
								EBA-2105	1	Drive Spring					
								EBA-5232	1	Pinion Assy.					
								MAW-24	1	Band, Cover					
								MAW-2129	1	Bearing Assy., Intermediate					
								MAW-130	1	Bearing, Absorbent Bronze					
								PS-1241	1	Housing Assy., Pinion					
								MAW-131	1	Pin, Dowel					
								MG-77A	1	Bushing, Absorbent Bronze					
								X-715	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4					
								8X-794	1	Nut, Cover Band, Square #10-32					
											1	2	3	4	5

† Brush Set, Service MAW-2012S.

(Issued 9-19-46)

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Equipment & Parts List Binder

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4065 STARTING MOTOR PARTS LIST

MAX-4065
(Issued 8-22-51)

Frame & Field Assembly & Parts Used With			Switch Assembly & Parts Used With		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
(MAX-2127)	1	Frame & Field Assy.	SS-6R	1	Connector, Switch to Motor
GK-38	4	Screw, Pole Shoe	SS-4001	1	Solenoid Starting Switch
MAB-30	1	Insulation, Field Connection	8X-173	1	Nut, Hex. #10-32
MAB-31	1	Washer, Ins., Term. Stud, Outer	12X-196	1	Lockwasher, #10
MAB-85	1	Bushing, Ins., Term. Stud	8X-832	2	Nut, Hex. 5/16-24
MAK-80	1	Washer, Ins., Term. Stud, Inner	12X-1014	2	Lockwasher, 5/16
MAW-12†	2	Brush	8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16
MAW-13†	2	Brush, Grounded	X-1270	2	Washer, Switch Mtg. Sc., Skpf. #10
MAX-47	1	Stud, Terminal, 5/16-24			
MAX-58	1	Equalizer			
MCL-3005CS	1	Field Coil Package			
MAX-64	2	Connector, Field Coil			
MAX-1008	1	Coil, Field, L. R.			
MAX-1009	1	Coil, Field, L. L.			
MCL-1007F	1	Coil, Field, U. L.			
MCL-1010F	1	Coil, Field, U. R.			
MN-21	2	Pin, Dowel			
MU-37	1	Washer, Plain, Term. Stud, 5/16			
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16			
12X-1014	2	Lockwasher, Term. Stud, 5/16			
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24			
MW-20A	2	Bolt, Thru			
12X-199	2	Lockwasher, Thru Bolt, 1/4			
<u>Comm. End Head Assembly & Parts Used With</u>			<u>Miscellaneous Parts</u>		
MAX-2002CS	1	Head Assy., Comm. End	EBA-2	1	Bendix Drive Assembly
MAD-110	1	Felt	EB-108	2	Lockwasher
MZ-19	4	Spring, Brush	EB-7806	1	Screw, Spring, Head
X-390	1	Oiler	EB-7807	1	Screw, Spring, Shaft
<u>Armature Assembly & Parts Used With</u>			EB-7819S	1	Sleeve, Compression
MAK-61	1	Washer, Thrust, Comm. End	EB-8503	1	Head, Drive
MAW-2105	1	Armature Assembly	EB-8705	1	Spring, Drive
MAB-35	1	Spacer, Bearing Thrust	EB-8734	1	Ring, Take-Up
MU-54	2	Washer, Thrust, C. E. & Intermediate, 1/32" Thick	EBA-211	1	Shaft & Pinion
X-261	1	Key, Woodruff, D. E. #6	MAB-2040	1	Bearing Assy., Intermediate
			MG-77A	1	Bearing, Abs. Bronze
			MAW-24	1	Band, Cover
			PS-1102	1	Housing Assy., Pinion
			MAB-88	1	Pin, Dowel
			MG-77A	1	Bearing, Absorbent Bronze
			X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
			8X-794	1	Nut, Cover Band, Square #10-32

† Brush Set, Service MAW-2012S.

UNIT	APPLICATION
MAX-4065	Easthope Bros.

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4066 STARTING MOTOR PARTS LIST

MAX-4066

Frame & Field Assembly & Parts Used With			Switch Assembly & Parts Used With		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
(MAX-2153)	1	Frame & Field Assy.	SS-6L	1	Connector
GK-38	4	Screw, Pole Shoe	SS-4001	1	SOLENOID STARTING SWITCH
MAB-30	1	Insulation, Field Conn.	8X-173	1	Nut, Hex. #10-32
MAB-31	1	Washer, Ins., Term. Stud, Outer	12X-196	1	Lockwasher, #10
MAB-85	1	Bushing, Ins., Term. Stud	8X-832	2	Nut, Hex. 5/16-24
MAK-80	1	Washer, Ins., Term. Stud, Inner	12X-1014	2	Lockwasher, 5/16
MAW-12	2	Brush	8X-321	2	Screw, Switch Mtg. , Rd. Hd. #10-32x5/16
MAW-13†	2	Brush, Grounded	X-1270	2	Washer, Switch Mtg. Screw, Skpf. #10
MAX-47	1	Stud, Terminal, 5/16-24			
MAX-58	1	Equalizer			
MCL-3005CS	1	FIELD COIL PACKAGE			
MAX-64	2	Connector, Field Coil			
MAX-1008	1	Coil, Field, L.R.			
MAX-1009	1	Coil, Field, L.L.			
MCL-1007F	1	Coil, Field, U.L.			
MCL-1010F	1	Coil, Field, U.R.			
MN-21	2	Pin, Dowel			
MU-37	1	Washer, Plain, Term. Stud, 5/16			
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16			
12X-1014	2	Lockwasher, Term. Stud, 5/16			
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24			
MW-20A	2	Bolt, Thru			
12X-199	2	Lockwasher, Thru Bolt, 1/4			
Comm. End Head Assembly & Parts Used With			Miscellaneous Parts		
MAX-2002	1	Head Assy., Comm. End	EBA-2	1	BENDIX DRIVE ASSY.
MAD-110	1	Felt	EB-108	2	Lockwasher
MZ-19	4	Spring, Brush	EB-7806	1	Screw, Spring, Head
Armature Assembly & Parts Used With			EB-7807	1	Screw, Spring, Shaft
MAK-61	1	Washer, Thrust, Comm. End	EB-7819S	1	Sleeve, Compression
MAW-2105	1	ARMATURE ASSEMBLY	EB-8503	1	Head, Drive
MAB-35	1	Spacer, Bearing Thrust	EB-8705	1	SPRING, DRIVE
MU-54	2	Washer, Thrust, C.E. & Intermediate	EB-8734	1	Ring, Take-Up
X-261	1	Key, Woodruff, #6	EBA-211	1	Shaft & Pinion
			MAB-2040	1	BEARING ASSY., INTERMEDIATE
			MG-77A	1	Bearing, Abs. Bronze
			MAX-1024	1	Band, Cover
			PS-1242	1	Housing Assy., Pinion
			MAB-88	1	Pin, Dowel
			MG-77A	1	BEARING, ABS. BRONZE
			X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
			8X-794	1	Nut, Cover Band, Square #10-32

† BRUSH SET, SERVICE MAW-2012S.

UNIT	APPLICATION
MAX-4066	John Deere, Ventnor (Marine)

(Issued 10-21-49)

“NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed.”

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4069M STARTING MOTOR PARTS LIST

MAX-4069M

Frame & Field Assembly With Terminal Stud & Parts Used With					Miscellaneous Parts					
Part No.	No. Used	Name of Part								
			1	2	3	4	5			
GT-20A	2	Bolt, Thru						EBA-87	1	BENDIX DRIVE ASSEMBLY
(MAX-3127A)	1	Frame & Field Assy.						EBA-4805	1	SPRING, DRIVE
GK-38C	4	Screw, Pole Shoe						EBA-4807	2	Plate, Spring Anchor
MAB-30	1	Insulation, Field Connection						EBA-4808	1	Lock Ring
MAB-31A	1	Washer, Insulating Term. Stud, Outer						EBA-4813	1	Spring, Anti-Drift
MAB-85A	1	Bushing, Insulation Term. Stud, Outer						EBA-4825	1	Spring, Meshing
MAK-80A	1	Washer, Insulating, Term. Stud, Inner						EBA-4833	1	Ring, Retaining
MAW-12†	2	BRUSH						EBA-7906	1	Pin, Locating
MAW-13†	2	BRUSH, GROUNDED						EBA-8731	1	Shaft
MAX-47A	1	Stud, Terminal						EBA-8732	1	Pinion
MAX-58	1	Equalizer						MAB-1024N	1	Band, Cover
MAX-64	2	Connector, Field Coil						MAX-80	1	Gasket, Int. Bearing
MAX-1007F	1	Coil, Field, U.L.						MAX-1078	1	INTERMEDIATE BRG. & OIL SEAL
MAX-1008B	1	Coil, Field, L.R.						MN-18	1	Washer, Thrust, D.E.
MAX-1009B	1	Coil, Field, L.L.						MN-18B	*	Washer, Arm. Thrust, D.E. .032" thick
MAX-1010F	1	Coil, Field, U.R.						MN-18C	*	Washer, Arm. Thrust, D.E. .015" thick
MN-21A	2	Pin, Dowel						MN-18D	*	Washer, Arm. Thrust, D.E. .042" thick
MU-37D	1	Washer, Term. Stud						PS-1250	1	Housing Assy., Pinion
X-180	2	Nut, Term. Stud, Hex. Hd., 5/16-24						MP-41A	1	BEARING, ABS. BRONZE
12X-1014	2	Lockwasher, Term. Stud, 5/16						19X-933	3	Screw, Int. Bearing, Flat Hd., #10-32x9/16
X-2889	2	Screw, Brush, Grounded, Flat Hd., #10-32x7/16						X-2873	1	Screw, Cover Band, Rd. Hd., #10-32x1 1/4
12X-199	2	Lockwasher, Thru Bolt, 1/4						X-2875	1	Nut, Cover Band, Square, #10-32
Comm. End Head Assembly & Parts Used With										
MAX-3059D	1	Head Assy., Comm. End								
MAD-110	1	Felt								
MZ-19A	4	Spring, Brush								
Armature Assembly & Parts Used With										
MAK-61A	1	Washer, Arm. Thrust, C.E.								
MAW-2179M	1	ARMATURE								
MU-54F	*	Washer, Arm. Thrust, C.E. 1/32" thick								
MU-54G	*	Washer, Arm. C.E. 1/64" thick								
MU-54J	*	Washer, Arm. C.E. .046" thick								
X-261	1	Key, Woodruff, #6								
Switch Assembly & Parts Used With										
MAX-89R	1	Connector								
SSP-4001M	1	SWITCH, SOLENOID								
12X-196	1	Lockwasher, #10								
12X-1014	2	Lockwasher, 5/16								
8X-2843	2	Nut, Hex., 5/16-24								
8X-2853	1	Nut, Hex., #10-32								
X-20	2	Screw, Switch Mtg., Rd. Hd., #10-32x5/16								
X-2857	2	Washer, Switch Mtg., Skpf., #10								
			1	2	3	4	5			

* Used as required.

† BRUSH SET, Service MAW-2012S.

Unit	Application
MAX-4069M	Chrysler Marine

(Issued 1-20-48)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4070M STARTING MOTOR PARTS LIST

MAX-4070M

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GT-20A	2	Bolt, Thru				
(MAX-2127A)	1	Frame & Field Assy.				
GK-38C	4	Screw, Pole Shoe				
MAB-30	1	Insulation, Field Conn.				
MAB-31A	1	Washer, Insulating Term. Stud, Outer				
MAB-85A	1	Bushing, Insulation Term. Stud, Outer				
MAK-80A	1	Washer, Insulating Term. Stud, Inner				
MAW-12†	2	BRUSH				
MAW-13†	2	BRUSH, GROUNDED				
MAX-47A	1	Stud, Terminal				
MAX-58	1	Equalizer				
MAX-64	2	Connector, Field Coil				
MAX-1007F	1	Coil, Field, U.L.				
MAX-1008B	1	Coil, Field, L.R.				
MAX-1009B	1	Coil, Field, L.L.				
MAX-1010F	1	Coil, Field, U.R.				
MN-21A	2	Pin, Dowel				
MU-37G	1	Washer, Term. Stud				
X-180	2	Nut, Term. Stud, Hex. 5/16-24				
12X-1014	2	Lockwasher, Term. Stud, 5/16				
X-2889	2	Screw, Brush Ground, Flat Hd., #10-32x7/16				
12X-199	2	Lockwasher, Thru Bolt, 1/4				

Comm. End Head Assy. & Parts Used With

MAX-2002L	1	Head Assy., Comm. End				
MAD-110	1	Felt				
MZ-19A	4	Spring, Brush				

Armature Assembly & Parts Used With

MAK-61A	1	Washer, Arm. Thrust, C.E.				
MAW-2179M	1	ARMATURE				
MU-54F	*	Washer, Arm. Thrust C.E. 1/32" thick				
MU-54G	*	Washer, Arm. C.E. 1/64" thick				
MU-54J	*	Washer, Arm. C.E. .046" thick				
X-261	1	Key, Woodruff, #6				

Switch Assembly & Parts Used With

MAX-89R	1	Connector				
SSP-4001M	1	SWITCH, SOLENOID				
12X-196	1	Lockwasher, #10				
12X-1014	2	Lockwasher, 5/16				
8X-2843	2	Nut, Hex., 5/16-24				
8X-2853	1	Nut, Hex., #10-32				
X-20	2	Screw, Switch Mtg., Rd. Hd., #10-32x5/16				
X-2857	2	Washer, Switch Mtg., Skpf., #10				
		1	2	3	4	5

Miscellaneous Parts

Part No.	No. Used	Name of Part				
		1	2	3	4	5
EBA-79	1	BENDIX DRIVE ASSY.				
EBA-4808	1	Ring, Lock				
EBA-4833	1	Ring, Retaining				
EBA-7213	1	Spring, Anti-Drift				
EBA-7225	1	Spring, Meshing				
EBA-7905	1	SPRING, DRIVE				
EBA-7906	1	Pin, Locating				
EBA-7907	2	Plate, Spring Anchor				
EBA-7931	1	Shaft, Screw				
EBA-7932	1	Pinion				
MAB-1024N	1	Band, Cover				
MAX-80	1	Gasket, Int. Bearing				
MAX-1078	1	INTERMEDIATE BRG. & OIL SEAL				
MN-18	1	Washer, Thrust, D.E.				
MN-18B	*	Washer, Arm. Thrust, D.E. .032" thick				
MN-18C	*	Washer, Arm. Thrust, D.E. .015" thick				
MN-18D	*	Washer, Arm. Thrust, D.E. .042" thick				
PS-1250	1	Housing Assy., Pinion				
MP-41A	1	BEARING, ABS. BRONZE				
19X-933	3	Screw Int. Bearing, Flat Hd., #10-32x9/16				
X-2873	1	Screw, Cover Band, Rd. Hd., #10-32x1 1/4				
X-2875	1	Nut, Cover Band, Square #10-32				
		1	2	3	4	5

* Used as required.

† BRUSH SET, Service MAW-2012S.

UNIT	APPLICATION
MAX-4070M	Chrysler Marine

(Issued 1-20-48)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4072 STARTING MOTOR PARTS LIST

MAX-4072

Frame & Field Assembly & Parts Used With			Miscellaneous Parts		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
(MAX-2127)	1	Frame & Field Assy.	EBA-11	1	Bendix Drive Assy.
GK-38	4	Screw, Pole Shoe	EB-108	2	Lockwasher
MAB-30	1	Insulation, Field Connection	EB-7806	1	Screw, Spring, Head
MAB-31	1	Washer, Ins., Term. Stud, Outer	EB-7807	1	Screw, Spring, Shaft
MAB-85	1	Bushing, Ins., Term. Stud,	EB-7819S	1	Sleeve, Compression
MAK-80	1	Washer, Ins., Term. Stud, Inner	EB-8503	1	Head, Driving
MAW-12 †	2	Brush	EB-8705	1	Spring, Drive
MAW-13 †	2	Brush, Grounded	EB-8734	1	Ring, Take-Up
MAX-47	1	Stud, Terminal, 5/16-24	EBA-1111	1	Shaft & Pinion
MAX-58	1	Equalizer	MAB-2040	1	Bearing Assy., Intermediate
MAX-3005AS	1	Field Coil Package	MG-77A	1	Bearing, Absorbent Bronze
MAX-64	2	Connector, Field Coil	MAW-24	1	Band, Cover
MAX-1007D	1	Coil, Field, U.L.	PS-1123A	1	Housing Assy., Pinion
MAX-1008	1	Coil, Field, L.R.	MAB-88	1	Pin, Dowel
MAX-1009	1	Coil, Field, L.L.	MG-77A	1	Bearing, Absorbent Bronze
MAX-1010D	1	Coil, Field, U.R.	X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
MN-21	2	Pin, Dowel	8X-794	1	Nut, Cover Band, Square #10-32
MU-37	1	Washer, Plain, Term. Stud, 5/16			
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16			
12X-1014	2	Lockwasher, Term. Stud, 5/16			
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24			
MW-20A	2	Bolt, Thru			
12X-199	2	Lockwasher, Thru Bolt, 1/4			
Comm. End Head Assembly & Parts Used With					
MAX-2002	1	Head Assy., Comm. End			
MAD-110	1	Felt			
MZ-19	4	Spring, Brush			
Armature Assembly & Parts Used With					
MAK-61	1	Washer, Arm. Thrust, C.E.			
MAW-2105	1	Armature Assembly			
MAB-35	1	Spacer, Bearing Thrust			
MU-54	2	Washer, Thrust, 1/32" Thick			
X-261	1	Key, Woodruff, #6			
Switch Assembly & Parts Used With					
SS-6L	1	Connector			
SS-4001	1	Solenoid Starting Switch			
8X-173	1	Nut, Hex. #10-32			
12X-196	1	Lockwasher, #10			
8X-832	2	Nut, Hex. 5/16-24			
12X-196	2	Lockwasher, 5/16			
8X-832	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16			
X-1270	2	Washer, Switch Mtg. Sc., Skpf. #10			

† Brush Set, Service MAW-2012S.

UNIT	APPLICATION
MAX-4072	Ross Carrier

(Issued 7-14-48)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4074 STARTING MOTOR PARTS LIST

MAX-4074

Frame & Field Assembly With Terminal Stud & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(MAX-2156)	1	Frame & Field Assy.					
GK-38	4	Screw, Pole Shoe					
MAB-30	1	Insulation, Field Connection					
MAB-31	1	Washer, Ins., Term. Stud, Outer					
MAB-85	1	Bushing, Ins., Term. Stud					
MAK-80	1	Washer, Ins., Term. Stud, Inner					
MAW-12†	2	Brush, Insulated					
MAW-13†	2	Brush, Grounded					
MAX-47	1	Stud, Terminal					
MAX-58	1	Equalizer					
MAX-64	2	Connector, Field Coil					
MAX-1007D	1	Coil, Field, U.L.					
MAX-1008	1	Coil, Field, L.R.					
MAX-1009	1	Coil, Field, L.L.					
MAX-1010D	1	Coil, Field, U.R.					
MN-21	2	Pin, Dowel					
MU-37	1	Washer, Plain, Term. Stud, 5/16					
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16					
12X-1014	2	Lockwasher, Term. Stud, 5/16					
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24					
MW-20A	2	Bolt, Thru					
12X-199	2	Lockwasher, Thru Bolt, 1/4					

Comm. End Head Assembly & Parts Used With

MAX-2002CS	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19	4	Spring, Brush
X-390	1	Oiler

Armature Assembly & Parts Used With

MAK-61	1	Washer, Arm. Thrust, C.E.
MAW-2105	1	Armature Assembly
MAB-35	1	Spacer, Bearing Thrust
MU-54	2	Washer, Arm. Thrust, C.E. & Intermediate
X-261	1	Key, Woodruff, #6
		1 2 3 4 5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
SS-6R	1	Connector, Switch to Motor					
SS-4001	1	Solenoid Starting Switch					
8X-173	1	Nut, Hex. #10-32					
12X-196	1	Lockwasher, #10					
8X-832	2	Nut, Hex. 5/16-24					
12X-1014	2	Lockwasher, 5/16					
8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16					
X-1270	2	Washer, Switch Mtg., Skpf. #10					

Miscellaneous Parts

EBA-90	1	Bendix Drive Assy.
EB-108	2	Lockwasher
EB-7806	1	Screw, Spring, Head
EB-7807	1	Screw, Spring, Shaft
EB-7819S	1	Sleeve, Compression
EB-8503	1	Head, Driving
EB-8705	1	Spring, Drive
EB-8734	1	Ring, Take-Up
EBA-9011	1	Shaft & Pinion
MAB-2040	1	Bearing Assy., Intermediate
MG-77A	1	Bearing, Abs. Bronze
MAW-24	1	Band, Cover
PS-1260	1	Housing Assy., Pinion
MAB-88	1	Pin, Dowel
MG-77A	1	Bearing, Abs. Bronze
X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
8X-794	1	Nut, Cover Band, Square #10-32
		1 2 3 4 5

† Brush Set, Service MAW-2012S.

(Issued 3-11-48)

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File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete parts can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4075 STARTING MOTOR PARTS LIST

MAX-4075

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2156)	1	Frame & Field Assy.				
GK-38	4	Screw, Pole Shoe				
MAB-30	1	Insulation, Field Connection				
MAB-31	1	Washer, Ins., Term. Stud, Outer				
MAB-85	1	Bushing, Ins., Term. Stud				
MAK-80	1	Washer, Ins., Term. Stud, Inner				
MAW-12 †	2	Brush				
MAW-13 †	2	Brush, Grounded				
MAX-47	1	Stud, Terminal				
MAX-58	1	Equalizer				
MAX-64	2	Connector, Field Coil				
MAX-1007D	1	Coil, Field, U.L.				
MAX-1008	1	Coil, Field, L.R.				
MAX-1009	1	Coil, Field, L.L.				
MAX-1010D	1	Coil, Field, U.R.				
MN-21	2	Pin, Dowel				
MU-37	1	Washer, Plain, Term. Stud, 5/16				
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16				
12X-1014	2	Lockwasher, Term. Stud, 5/16				
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24				
MW-20A	2	Bolt, Thru				
12X-199	2	Lockwasher, Thru Bolt, 1/4				

Comm. End Head Assembly & Parts Used With

MAX-2002	1	Head Assy., Comm. End				
MAD-110	1	Felt				
MZ-19	4	Spring, Brush				

Armature Assembly & Parts Used With

MAK-61	1	Washer, Arm, Thrust, C.E.				
MAW-2198	1	ARMATURE ASSEMBLY				
MAB-35	1	Spacer, Bearing Thrust				
MU-54	*	Washer, Thrust, 1/32" Thick				
MU-54A	*	Washer, Thrust, 1/64" Thick				
MU-54B	*	Washer, Thrust, 3/64" Thick				
X-261	2	Key, Woodruff, #6				
		1	2	3	4	5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
SS-6R	1	Connector, Switch to Motor				
SS-4301	1	SWITCH, STARTING SOLENOID				
8X-173	1	Nut, Hex. #10-32				
X-196	1	Lockwasher, #10				
8X-832	2	Nut, Hex. 5/16-24				
X-1014	2	Lockwasher, 5/16				
8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16				
X-1270	2	Washer, Switch Mtg., Skpf. #10				

Miscellaneous Parts

EBB-12	1	BENDIX DRIVE ASSY.				
EBA-1225	1	Spring, Meshing				
EBA-1233	1	Ring, Retaining				
EBA-4713	1	Spring, Anti-Drift				
EBB-906	1	Screw, Shaft				
EBB-1231	1	SHAFT & DRIVE SPRING				
EBB-1232	1	Pinion				
MAB-2040	1	BEARING ASSY., INTERMEDIATE				
MG-77A	1	Bearing, Absorbent Bronze				
MAW-24	1	Band, Cover				
PS-1265	1	Housing Assy., Pinion				
MAB-88	1	Pin, Dowel				
MG-77A	1	Bearing, Absorbent Bronze				
8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2				
8X-794	1	Nut, Cover Band, Square #10-32				
		1	2	3	4	5

† BRUSH SET, SERVICE MAW-2012S.

* Use as Required.

UNIT	APPLICATION
MAX-4075	Buda

(Issued 3-22-48)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4076 STARTING MOTOR PARTS LIST

MAX-4076

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAX-2142)	1	Frame & Field Assy.				
DK-45	1	Washer, Ins., Term. Stud				
GK-38	4	Screw, Pole Shoe				
MAB-30	1	Insulation, Field Connection				
MAW-12†	2	Brush				
MAW-13†	2	Brush, Grounded				
MAW-37	1	Bushing, Ins., Term. Stud				
MAW-39	1	Insulating Block				
MAW-205	1	Insulation, Switch Contact				
MAX-49	1	Stud, Terminal				
MAX-58	1	Equalizer				
MAX-64	2	Connector, Field Coil				
MAX-1007	1	Coil, Field, U.L.				
MAX-1008	1	Coil, Field, L.R.				
MAX-1009	1	Coil, Field, L.L.				
MAX-1010	1	Coil, Field, U.R.				
MN-21	2	Pin, Dowel				
SW-764	1	Contact, Switch, Lower				
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16				
8X-830	1	Nut, Term. Stud, Hex. 3/8-16				
MW-20A	2	Bolt, Thru				
12X-199	2	Lockwasher, Thru Bolt, 1/4				

Comm. End Head Assembly & Parts Used With

MAX-2002	1	Head Assy., Comm. End				
MAD-110	1	Felt				
MZ-19	4	Spring, Brush				

Armature Assembly & Parts Used With

MAD-96	1	Washer, Arm. Thrust, Comm. End				
MAW-2030	1	ARMATURE ASSY.				
MAW-31	1	Spacer, Armature Shaft				
MU-54	*	Washer, Thrust, 1/32" thick				
MU-54A	*	Washer, Thrust, 1/64" thick				
MU-54B	*	Washer, Thrust, 3/64" thick				

Switch Assembly & Parts Used With

SW-2813	1	SWITCH, STARTER				
12X-201	1	Lockwasher, 3/8				
8X-830	1	Nut, Hex. 3/8-16				
8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16				
X-1270	2	Washer, Switch Mtg., Skpf. #10 1 2 3 4 5				

Starting Clutch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAD-95	1	Retainer, Yoke Spring				
MAW-161	1	Spring, Yoke				
MAW-2199	1	Yoke				
MAW-3132	1	STARTER CLUTCH				
MAX-52	1	Pin, Yoke				
8X-179	1	Nut, Yoke Pivot, Hex. 3/8-16				
12X-201	1	Lockwasher, Yoke Pivot, 3/8				

Miscellaneous Parts

MAW-24	1	Band, Cover				
MN-18	1	Washer, Thrust, D.E.				
PS-1194B	1	Housing Assy., Pinion				
MP-41A	1	BEARING, ABSORBENT BRONZE				
8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2				
8X-794	1	Nut, Cover Band, Sq. #10-32 1 2 3 4 5				

† BRUSH SET, SERVICE MAW-2012S.

* Use as Required.

NOTE: - Part numbers shown in parenthesis are not recommended for service.

UNIT	APPLICATION
MAX-4076	Dodge (Truck)

(Issued 2-24-48)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4077 STARTING MOTOR PARTS LIST

MAX-4077

Frame & Field Assembly With Terminal Stud & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(MAX-3151)	1	Frame & Field Assy.					
GK-38	4	Screw, Pole Shoe					
MAB-30	1	Insulation, Field Connection					
MAB-31	1	Washer, Ins., Term. Stud					
MAB-85	1	Bushing, Ins., Term. Stud					
MAK-80	1	Washer, Ins. Term. Stud Inner					
MAW-12†	2	Brush					
MAW-13†	2	Brush, Grounded					
MAX-47	1	Stud, Terminal					
MAX-58	1	Equalizer					
MAX-64	2	Connector, Field Coil					
MAX-1007D	1	Coil, Field, U.L.					
MAX-1008	1	Coil, Field, L.R.					
MAX-1009	1	Coil, Field, L.L.					
MAX-1010D	1	Coil, Field, U.R.					
MN-21	2	Pin, Dowel					
MU-37	1	Washer, Plain, Term. Stud, 5/16					
8X-61	2	Screw, Brush Ground, Flat Hd., #10-32x7/16					
12X-1014	2	Washer, Lock, Term. Stud 5/16					
8X-1376	2	Nut, Term. Stud, Hex., 5/16-24					
MW-20A	2	Bolt, Thru					
12X-199	2	Lockwasher, Thru Bolt, 1/4					

Comm. End Head Assembly & Parts Used With

MAX-3059A	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19	4	Spring, Brush
X-390	1	Oiler Press in, 1/4

Armature Assembly & Parts Used With

MAK-61	1	Washer, Steel
MAW-75	1	Washer, Thrust, Intermediate
MAW-76	1	Washer, Thrust, Intermediate
MAW-2069	1	Armature
MU-54	1	Washer, Arm. Thrust, Comm. End & Intermediate
MU-54F	*	Washer, Arm. Thrust C.E. 1/32" thick
MU-54G	*	Washer, Arm. C.E. 1/64" thick
MU-54J	*	Washer, Arm. C.E. .046" thick

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
SS-6R	1	Connector, Switch to Motor					
SS-4001	1	Solenoid Starting Switch					
12X-196	1	Washer, Lock, #10					
8X-832	2	Nut, Hex., 5/16-24					
12X-1014	2	Washer, Lock, 5/16					
8X-1372	1	Nut, Hex., #10-32					
8X-321	2	Screw, Switch Mtg. Rd. Hd. #10-32x5/16					
X-1270	2	Washer, Switch Mtg., Skpf. #10					

Miscellaneous Parts

EBA-93	1	Bendix Drive
MAW-24	1	Band, Cover
MAW-62	1	Shaft, Bendix Drive
MAW-70	1	Washer, Felt, Int. Plate
MAW-71	1	Retainer, Felt Washer, Int. Plate
MAW-72	1	Guard, Felt Washer, Int. Plate
MAW-74	1	Gear
MAX-1088	1	Bearing Assy., Intermediate
MAW-77	1	Bearing, Arm. Shaft, Abs. Bronze
MG-77A	1	Bearing, Bendix Shaft, Abs. Bronze
X-489	1	Oiler, Hinge Top, Press in, 1/4
MN-18	1	Washer, Thrust, D.E.
MN-18B	*	Washer, Arm. Thrust, D.E. .032" thick
MN-18C	*	Washer, Arm. Thrust, D.E. .015" thick
MN-18D	*	Washer, Arm. Thrust, D.E. .042" thick
PS-1267	1	Housing Assy. Pinion
MN-21	1	Pin, Dowel
MP-41A	1	Bearing, Absorbent Bronze
X-89	3	Screw, Housing Attaching, Hex. Hd. 1/4-20x1
12X-196	3	Lockwasher, Retainer Sc., #10
12X-199	3	Lockwasher, Housing Sc., 1/4
X-261	2	Key, Woodruff, #6
8X-311	3	Screw, Retainer, Rd. Hd. #10-32x3/8
X-505	1	Plug, Pipe, 1/8
8X-715	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4
8X-794	1	Nut, Cover Band, Square #10-32

† Brush Set, Service MAW-2012S.

* Used as required.

Unit	Application
MAX-4077	White Motor

(Issued 5-24-46)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4078 STARTING MOTOR PARTS LIST

MAX-4078

Frame & Field Assembly & Parts Used With			Miscellaneous Parts		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
(MAX-2150)	1	Frame & Field Assembly.	EBA-2	1	Bendix Drive Assembly
GK-38	4	Screw, Pole Shoe	EB-108	2	Lockwasher
MAB-30	1	Insulation, Field Connection	EB-7806	1	Screw, Spring, Head
MAB-31	1	Washer, Ins., Term. Stud, Outer	EB-7807	1	Screw, Spring, Shaft
MAB-85	1	Bushing, Ins., Term. Stud	EB-7819S	1	Sleeve, Compression
MAK-80	1	Washer, Ins., Term. Stud, Inner	EB-8503	1	Head, Driving
MAW-12†	2	Brush	EB-8705	1	Spring, Drive
MAW-13†	2	Brush, Grounded	EB-8734	1	Ring, Take Up
MAX-47	1	Stud, Terminal, 5/16-24	EBA-211	1	Shaft & Pinion
MAX-58	1	Equalizer	MAB-2040	1	Bearing Assy., Intermediate
MAX-3005AS	1	Field Coil Package	MG-77A	1	Bearing, Absorbent, Bronze
MAX-64	2	Connector, Field Coil	MAX-1024	1	Band, Cover
MAX-1007D	1	Coil, Field, U.L.	PS-1263	1	Housing Assy., Pinion
MAX-1008	1	Coil, Field, L.R.	MAB-88	1	Pin, Dowel
MAX-1009	1	Coil, Field, L.L.	MG-77A	1	Bearing, Absorbent Bronze
MAX-1010D	1	Coil, Field, U.R.	X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
MN-21	2	Pin, Dowel	8X-794	1	Nut, Cover Band, Square #10-32
MU-37C	1	Washer, Plain Term. Stud 5/16			
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16			
12X-1014	2	Lockwasher, Term. Stud, 5/16			
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24			
MW-20A	2	Bolt, Thru			
12X-199	2	Lockwasher, Thru Bolt, 1/4			
<u>Comm. End Head Assembly & Parts Used With</u>					
MAX-2002CS	1	Head Assy. Comm. End			
MAD-110	1	Felt			
MZ-19	4	Spring, Brush			
X-390	1	Oiler			
<u>Armature Assembly & Parts Used With</u>					
MAK-61	1	Washer, Arm. Thrust, C.E.			
MAW-2105	1	Armature Assembly			
MAB-35	1	Spacer, Bearing Thrust			
MU-54	2	Washer, Thrust, 1/32" Thick			
X-261	1	Key, Woodruff, #6			

† Brush Set, Service MAW-2012S.

UNIT	APPLICATION
MAX-4078	Massey Harris

Printed in U. S. A.

(Issued 7-14-48)

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4079 STARTING MOTOR PARTS LIST

MAX-4079

Frame & Field Assembly With Terminal Stud & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(MAX-2142A)	1	Frame & Field Assy.					
DK-45	1	Washer, Ins., Term. Stud					
GK-38	4	Screw, Pole Shoe					
MAB-30	1	Insulation, Field Connection					
MAW-12†	2	Brush					
MAW-13†	2	Brush, Grounded					
MAW-37	1	Bushing, Ins., Term. Stud					
MAW-39	1	Insulating Block					
MAX-49	1	Stud, Terminal					
MAX-58	1	Equalizer					
MAX-64	2	Connector, Field Coil					
MAX-1007	1	Coil, Field, U.L.					
MAX-1008	1	Coil, Field, L.R.					
MAX-1009	1	Coil, Field, L.L.					
MAX-1010	1	Coil, Field, U.R.					
MN-21	2	Pin, Dowel					
SW-763	1	Contact, Switch, Lower					
8X-61	2	Screw, Brush Ground, Flat Hd., #10-32x7/16					
8X-830	1	Nut, Term. Stud, Hex., 3/8-16					
MW-20A	2	Bolt, Thru					
12X-199	2	Lockwasher, Thru Bolt, 1/4					

Comm. End Head Assembly & Parts Used With

MAX-2002	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19	4	Spring, Brush

Armature Assembly & Parts Used With

MAD-96	1	Washer, Armature Thrust, C.E.
MAW-2030	1	ARMATURE ASSY.
MAW-31	1	Spacer, Armature Shaft
MN-18	1	Washer, Thrust, D.E.
MU-54	*	Washer, Thrust, 1/32" thick
MU-54A	*	Washer, Thrust, 1/64" thick
MU-54B	*	Washer, Thrust, 3/64" thick

Switch Assembly & Parts Used With

SW-2813	1	SWITCH, STARTER
12X-201	1	Washer, Lock, 3/8
8X-830	1	Nut, Hex., 3/8-16
8X-32 1	2	Screw, Mtg., Switch, Rd. Hd. #10-32x5/16
X-1270	2	Washer, Skpf., Switch Mtg. Sc., #10
		1 2 3 4 5

Starter Clutch Assy. & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
MAD-95	1	Retainer, Yoke Spring					
MAW-161	1	Spring, Yoke					
MAW-2197	1	Yoke					
MAW-3132	1	STARTER CLUTCH					
MAX-52	1	Pin, Yoke					
8X-179	1	Nut, Yoke Pivot, Hex., 3/8-16					
12X-201	1	Lockwasher, Yoke Pivot, 3/8					

Miscellaneous Parts

MAW-24	1	Band, Cover
PS-1194B	1	Housing Assy., Pinion
MP-41A	1	BEARING, ABS. BRONZE
8X-714	1	Screw, Cover, Band, Rd. Hd., #10-32x1 1/2
8X-794	1	Nut, Cover Band, Square, #10-32
		1 2 3 4 5

† BRUSH SET, SERVICE MAW-2012S.

* Used as Required.

UNIT	APPLICATION
MAX-4079	Dodge Truck

(Issued 2-24-48)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4080 STARTING MOTOR PARTS LIST

MAX-4080

Frame & Field Assembly With Terminal Stud & Parts Used With					Armature Assembly & Parts Used With								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(MAX-2150A)	1	Frame & Field Assembly					MAK-61	1	Washer, Steel				
GK-38	4	Screw, Pole Shoe					MAW-2105	1	Armature Assembly				
MAB-30	1	Insulation, Field Connection					MAB-35	1	Spacer, Bearing Thrust				
MAB-31	1	Washer, Ins., Term. Stud					MU-54	2	Washer, Arm. Thrust, C.E. & Intermediate				
MAB-85	1	Bushing, Ins., Term. Stud					<u>Miscellaneous Parts</u>						
MAK-80	1	Washer, Ins. Term. Stud					EBA-2	1	Bendix Drive Assembly				
		Inner					EB-108	2	Washer, Lock				
MAW-12†	2	Brush					EB-7806	1	Screw, Spring, Head				
MAW-13†	2	Brush, Grounded					EB-7807	1	Screw, Spring, Shaft				
MAX-47	1	Stud, Terminal 5/16-24					EB-7819S	1	Sleeve, Compression				
MAX-58	1	Equalizer					EB-8503	1	Head, Driving				
MAX-64	2	Connector, Field Coil					EB-8705	1	Spring, Drive				
MAX-1007D	1	Coil, Field, U.L.					EB-8734	1	Ring, Take Up				
MAX-1008	1	Coil, Field, L.R.					EBA-211	1	Shaft & Pinion				
MAX-1009	1	Coil, Field, L.L.					MAB-1024	1	Band, Cover				
MAX-1010D	1	Coil, Field, U.R.					MAB-2040	1	Bearing Assy., Intermediate				
MN-21	2	Pin, Dowel					MG-77A	1	Bearing, Abs. Bronze				
MU-37C	1	Washer, Plain Term. Stud 5/16					PS-1102C	1	Housing Assy., Pinion				
		8X-61					MAB-88	1	Pin, Dowel				
		Screw, Brush Ground Flat Hd. #10-32x7 1/16					MG-77A	1	Bearing, Abs. Bronze				
		12X-1014					X-261	1	Key, Woodruff, #6				
		Lockwasher, Term. Stud 5/16					X-715	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4				
		8X-1376					8X-794	1	Nut, Cover Band, Square #10-32				
		Nut, Term. Stud, Hex., 5/16-24							1	2	3	4	5
MW-20A	2	Bolt, Thru											
12X-199	2	Lockwasher, Thru Bolt, 1/4											
<u>Comm. End Head Assembly & Parts Used With</u>													
MAX-2002	1	Head Assy., Comm. End											
MAD-110	1	Felt											
MZ-19	4	Spring, Brush											
		1	2	3	4	5							

† Brush Set, Service MAW-2012S.

Unit	Application
MAX-4080	Massey Harris

(Issued 1-14-47)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4081 STARTING MOTOR PARTS LIST

MAX-4081

Frame & Field Assembly With Terminal Stud & Parts Used With			Switch Assembly & Parts Used With		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
(MAX-3159)	1	Frame & Field Assembly	EW-200	1	Plain Washer
GK-38	4	Screw, Pole Shoe	MBA-24	1	Gasket, Switch
MAB-30	1	Insulation, Field Connection	MBA-31	1	Gasket, Switch
MAB-85	1	Bushing Ins. Term. Stud	MBA-32	1	Lever, Switch
MAK-80	1	Washer, Ins.	MZ-170	1	Pin, Switch Lever
MAW-12†	2	Brush	SW-2916B	1	Switch, Starting
MAW-13†	2	Brush, Grounded	8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16
MAX-58	1	Equalizer	X-1270	2	Washer, Switch Mtg., Skpf. #10
MAX-158	1	Stud, Terminal	X-1531	1	Pin, Cotter, 1/16x1/2
MAX-3005S	1	Field Coil Package			
MAX-64	2	Connector, Field Coil	<u>Miscellaneous Parts</u>		
MAX-1007	1	Coil, Field, U.L.	EB-99	1	Bendix Drive Assembly
MAX-1008	1	Coil, Field, L.R.	EB-108	2	Lockwasher
MAX-1009	1	Coil, Field, L.L.	EB-7805	1	Spring, Drive
MAX-1010	1	Coil, Field, U.R.	EB-7806	1	Screw, Spring, Head
MBA-21	1	Insulation, Sw. Contact	EB-7807	1	Screw, Spring, Shaft
MBA-22	1	Contact, Switch, Lower	EB-7819S	1	Sleeve, Compression
MZ-197	1	Insulation, Term. Sc.	EB-8503	1	Head, Driving
8X-61	2	Screw, Brush Ground Flat Hd. #10-32x7/16	EB-8734	1	Ring, Take-Up
8X-183A	1	Washer, Terminal Sc., #10	EB-9911	1	Shaft & Pinion
8X-309	1	Screw, Switch Term., Rd. Hd. #10-32x1/2	MAB-2040	1	Bearing Assy., Intermediate
12X-196	1	Lockwasher, Switch Term. Sc., #10	MG-77A	1	Bearing, Abs. Bronze
8X-1376	1	Nut, Term. Stud, Hex. 5/16-24	MAX-1024	1	Band, Cover
MW-20A	2	Bolt, Thru	PS-1274	1	Housing Assy., Pinion
X-199	2	Lockwasher, Thru Bolt, 1/4	MAB-88	1	Pin, Dowel
			MG-77A	1	Bearing, Abs. Bronze
			X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
			8X-794	1	Nut, Cover Band, Square #10-32
<u>Comm. End Head Assembly & Parts Used With</u>					
MAX-3059	1	Head Assy., Comm. End			
MAD-110	1	Felt			
MZ-19	4	Spring, Brush			
<u>Armature Assembly & Parts Used With</u>					
MAK-61	1	Washer, Thrust, C.E.			
MAW-2105	1	Armature Assembly			
MAB-35	1	Spacer, Bearing Thrust			
MU-54	2	Washer, Arm. Thrust, C.E. & Intermediate			
X-261	1	Key, Woodruff, #6			

† Brush Set, Service MAW-2012S.

UNIT	APPLICATION
MAX-4081	Cockshutt

Printed in U. S. A.

(Issued 7-14-48)

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4085 STARTING MOTOR PARTS LIST

MAX-4085

Frame & Field Assembly With Terminal Stud & Parts Used With					Switch Assembly & Parts Used With								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(MAX-2142A)	1	Frame & Field Assy.					SW-2813	1	STARTING SWITCH				
DK-45	1	Washer, Ins., Term. Stud					12X-201	1	Lockwasher, 3/8				
GK-38	4	Screw, Pole Shoe					8X-830	1	Nut, Hex., 3/8-16				
MAB-30	1	Insulation, Field Connection					8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16				
MAW-12 †	2	Brush					X-1270	2	Washer, Switch Mtg., Skpf. #10				
MAW-13 †	2	Brush, Grounded											
MAW-37	1	Bushing, Ins., Term. Stud											
MAW-39	1	Insulating Block											
MAX-49	1	Stud, Terminal											
MAX-58	1	Equalizer											
MAX-64	2	Connector, Field Coil											
MAX-1007	1	Coil, Field, U.L.											
MAX-1008	1	Coil, Field, L.R.											
MAX-1009	1	Coil, Field, L.L.											
MAX-1010	1	Coil, Field, U.R.											
MN-21	2	Pin, Dowel											
SW-763	1	Contact, Switch, Lower											
8X-61	2	Screw, Brush Ground, Flat Hd., #10-32x7/16											
8X-830	1	Nut, Term. Stud, Hex. 3/8-16											
MW-20A	2	Bolt, Thru											
12X-199	2	Lockwasher, Thru Bolt, 1/4											
<u>Comm. End Head Assembly & Parts Used With</u>						<u>Starter Clutch Assy. & Parts Used With</u>							
MAX-2002	1	Head Assy., Comm. End					MAD-95	1	Retainer, Yoke Spring				
MAD-110	1	Felt					MAW-161	1	Spring, Yoke				
MZ-19	4	Spring, Brush					MAW-2206	1	Yoke				
							MAW-3132	1	STARTER CLUTCH				
<u>Armature Assembly & Parts Used With</u>						MAX-52	1	Pin, Yoke					
MAD-96	1	Washer, Arm Thrust, C.E.					8X-179	1	Nut, Yoke Pivot, Hex. 3/8-16				
MAW-2030	1	ARMATURE ASSY.					12X-201	1	Lockwasher, Yoke Pivot, 3/8				
MAW-31	1	Spacer, Armature Shaft											
MU-54	*	Washer, Thrust, 1/32" thick											
MU-54A	*	Washer, Thrust, 1/64" thick											
MU-54B	*	Washer, Thrust 3/64" thick											
		1	2	3	4	5							
						<u>Miscellaneous Parts</u>							
						MAW-24	1	Band, Cover					
						MN-18	1	Washer, Thrust, D.E.					
						PS-1194B	1	Housing Assy., Pinion					
						MP-41A	1	BEARING, ABS; BRONZE					
						8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2					
						8X-794	1	Nut, Cover Band, Sq. #10-32					
								1	2	3	4	5	
						† BRUSH SET, SERVICE MAW-2012S.							
						* Use as Required.							

UNIT	APPLICATION
MAX-4085	Dodge Truck

(Issued 2-24-48)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4086 STARTING MOTOR PARTS LIST

MAX-4086

Frame & Field Assembly With Terminal Stud & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(MAX-2142)	1	Frame & Field Assy.					
DK-45	1	Washer, Ins., Term. Stud					
GK-38	4	Screw, Pole Shoe					
MAB-30	1	Insulation, Field Connection					
MAW-12 †	2	Brush					
MAW-13 †	2	Brush, Grounded					
MAW-37	1	Bushing, Ins., Term. Stud					
MAW-39	1	Insulating Block					
MAW-205	1	Insulation, Switch Contact					
MAX-49	1	Stud, Terminal					
MAX-58	1	Equalizer					
MAX-64	2	Connector, Field Coil					
MAX-1007	1	Coil, Field, U.L.					
MAX-1008	1	Coil, Field, L.R.					
MAX-1009	1	Coil, Field, L.L.					
MAX-1010	1	Coil, Field, U.R.					
MN-21	2	Pin, Dowel					
SW-764	1	Contact, Switch, Lower					
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16					
8X-830	1	Nut, Term. Stud, Hex. 3/8-16					
MW-20A	2	Bolt, Thru					
12X-199	2	Lockwasher, Thru Bolt, 1/4					

Comm. End Head Assembly & Part Used

MAX-2002	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19	4	Spring, Brush

Armature Assembly & Parts Used With

MAD-96	1	Washer, Arm. Thrust, C.E.
MAW-2030	1	ARMATURE ASSY.
MAW-31	1	Spacer, Armature Shaft
MU-54	*	Washer, Thrust, 1/32" thick
MU-54A	*	Washer, Thrust, 1/64" thick
MU-54B	*	Washer, Thrust, 3/64" thick

Switch Assembly & Parts Used With

SW-2813	1	SWITCH, STARTER
12X-201	1	Lockwasher, 3/8
8X-830	1	Nut, Hex. 3/8-16
8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16
X-1270	2	Washer, Switch Mtg., Skpf. #10
		1 2 3 4 5

Starter Clutch Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
MAD-95	1	Retainer, Yoke Spring					
MAW-161	1	Spring, Yoke					
MAW-2208	1	Yoke					
MAW-3132	1	STARTER CLUTCH					
MAX-52	1	Pin, Yoke					
8X-179	1	Nut, Yoke Pivot, Hex. 3/8-16					
12X-201	1	Lockwasher, Yoke Pivot, 3/8					

Miscellaneous Parts

MAW-24	1	Band, Cover
MN-18	1	Washer, Thrust, D.E.
PS-1194B	1	Housing Assy., Pinion
MP-41A	1	BEARING, ABS. BRONZE
8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
8X-794	1	Nut, Cover Band, Square #10-32
		1 2 3 4 5

* Use As Required.

† BRUSH SET, SERVICE MAW-2012S.

UNIT	APPLICATION
MAX-4086	Dodge Truck

(Issued 2-24-48)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4087 STARTING MOTOR PARTS LIST

MAX-4087

Frame & Field Assembly & Parts Used With			Switch Assembly & Parts Used With		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
(MAX-2127)	1	Frame & Field Assembly	SS-6LB	1	Connector
GK-38	4	Screw, Pole Shoe	SS-4014A	1	SWITCH, SOLENOID
MAB-30	1	Insulation, Field Connection	8X-173	1	Nut, Hex. #10-32
MAB-31	1	Washer, Ins., Term. Stud, Outer	12X-196	1	Lockwasher, #10
MAB-85	1	Bushing, Ins., Term. Stud	8X-832	2	Nut, Hex. 5/16-24
MAK-80	1	Washer, Ins., Term. Stud, Inner	12X-1014	2	Lockwasher, 5/16
MAW-12†	2	Brush	8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16
MAW-13†	2	Brush, Grounded	X-1270	2	Washer, Switch Mtg. Sc., Skpf. #10
MAX-47	1	Stud, Terminal, 5/16-24			
MAX-58	1	Equalizer			
MCL-3005CS	1	FIELD COIL PACKAGE			
MAX-64	2	Connector, Field Coil			
MAX-1008	1	Coil, Field, L.R.			
MAX-1009	1	Coil, Field, L.L.			
MCL-1007F	1	Coil, Field, U.L.			
MCL-1010F	1	Coil, Field, U.R.			
MN-21	2	Pin, Dowel			
MU-37	1	Washer, Plain, Term. Stud, 5/16			
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16			
12X-1014	2	Lockwasher, Term. Stud, 5/16			
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24			
MW-20A	2	Bolt, Thru			
12X-199	2	Lockwasher, Thru Bolt, 1/4			
Comm. End Head Assembly & Parts Used With			Miscellaneous Parts		
MAX-2002	1	Head Assy., Comm. End	EBA-33	1	BENDIX DRIVE ASSY.
MAD-110	1	Felt	EBA-1213	1	Spring, Anti-Drift
MZ-19	4	Spring, Brush	EBA-1225	1	Spring, Meshing
Armature Assembly & Parts Used With			EBA-1232	1	Pinion
MAK-61	1	Washer, Thrust, Comm. End	EBA-1233	1	Ring, Retaining
MAW-2128	1	ARMATURE	EBA-2006	1	Locating Pin
MU-54	*	Washer, Thrust, 1/32" Thick	EBA-2007	2	Plate, Spring Anchor
MU-54A	*	Washer, Thrust, 1/64" Thick	EBA-2008	1	Lock Ring
MU-54B	*	Washer, Thrust, 3/64" Thick	EBA-2031	1	Shaft
X-261	1	Key, Woodruff, #6	EBA-2105	1	SPRING, DRIVE
			MAW-24	1	Band, Cover
			MAW-2129	1	BEARING ASSY., INTERMEDIATE
			MAW-130	1	Bearing, Absorbent Bronze
			PS-1223	1	Housing Assy., Pinion
			MAW-131	1	Pin, Dowel
			MG-77A	1	Bearing, Absorbent Bronze
			8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
			8X-794	1	Nut, Cover Band, Square #10-32

† BRUSH SET, SERVICE MAW-2012S.

* Use as required.

UNIT	APPLICATION
MAX-4087	Aircooled

(Issued 3-6-50)

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."





ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4089 STARTING MOTOR PARTS LIST

MAX-4089
(Issued 11-27-50)

Frame & Field Assembly & Parts Used With			Miscellaneous Parts		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
GJ-20	2	Bolt, Thru	EBB-16	1	BENDIX DRIVE ASSY.
(MAX-2150A)	1	Frame & Field Assy.	EBA-513	1	Spring, Anti-Drift
GK-38	4	Screw, Pole Shoe	EBA-525	1	Spring, Meshing
MAB-30	1	Insulation, Field Conn.	EBA-1233	1	Retaining Ring
MAB-31	1	Washer, Ins., Term. Stud, Outer	EBA-8032	1	Pinion
MAB-85	1	Bushing, Ins., Term. Stud	EBB-1631	1	SHAFT & DRIVE SPRING
MAK-80	1	Washer, Ins., Term. Stud, Inner	MAX-132	1	Pin, Bendix
MAW-12†	2	Brush	MAX-1024	1	Band, Cover
MAW-13†	2	Brush, Grounded	MAX-1133	1	Head Assy., Drive End
MAX-47	1	Stud, Terminal	MAB-49A	1	BEARING, ABS. BRONZE
MAX-58	1	Equalizer	8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
MCL-3005CS	1	FIELD COIL PACKAGE	8X-794	1	Nut, Cover Band, Square #10-32
MAX-64	2	Connector, Field Coil			
MAX-1008	1	Coil, Field, L.R.			
MAX-1009	1	Coil, Field, L.L.			
MCL-1007F	1	Coil, Field, U.L.			
MCL-1010F	1	Coil, Field, U.R.			
MN-21	2	Pin, Dowel			
MU-37C	1	Washer, Plain, Term. Stud, 5/16			
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16			
12X-1014	2	Lockwasher, Term. Stud, 5/16			
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24			
12X-199	2	Lockwasher, Thru Bolt, 1/4			
Comm. End Head Assembly & Parts Used With					
MAX-2002	1	Head Assy., Comm. End			
MAD-110	1	Felt			
MZ-19	4	Spring, Brush			
Armature Assembly & Parts Used With					
MAK-61	1	Washer, Thrust, Comm. End			
MAW-2212	1	ARMATURE ASSY.			
MZ-35	1	Spacer, Bearing Thrust			
MU-54	*	Washer, Thrust, C.E. & D.E., 1/32" Thick			
MU-54A	*	Washer, Thrust, C.E. & D.E., 1/64" Thick			
MU-54B	*	Washer, Thrust, C.E. & D.E., 3/64" Thick			
X-261	1	Key, Woodruff, #6			

† BRUSH SET, SERVICE MAW-2012S.

* Use as required.

UNIT	APPLICATION
MAX-4089	Continental

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4090 STARTING MOTOR PARTS LIST

MAX-4090

Frame & Field Assembly & Parts Used With			Switch Assembly & Parts Used With		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
GJ-20	2	Bolt, Thru	MAX-111	1	Connector
(MAX-2110)	1	Frame & Field Assy.	SS-4707	1	SOLENOID STARTING SWITCH (See separate list for parts)
DK-45	1	Washer, Ins., Term. Stud, Inner	8X-467	4	Screw, Switch Mtg., Hex. Hd. 1/4-20x3/8
GK-38	4	Screw, Pole Shoe	8X-830	1	Nut, Switch Term., Hex. 3/8-16
MAB-30	1	Insulation, Field Connection	X-1272	4	Washer, Switch Mtg., Skpf. 1/4
MAW-12 †	2	Brush	Clutch Assembly & Parts Used With		
MAW-13 †	2	Brush, Grounded	MAX-71	1	Pin, Yoke
MAW-37	1	Bushing, Insulation	MCH-58	2	Retainer, Yoke Spring
MAX-35	1	Washer, Ins., Term. Stud, Outer	MCH-62	1	Spring, Yoke
MAX-44	1	Washer, Term. Stud, 3/8	MCH-2056	1	Yoke
MAX-48	1	Stud, Terminal	MCL-3098A	1	CLUTCH, STARTER
MAX-58	1	Equalizer	SS-56	1	Pin, Link
MAX-3005AS	1	FIELD COIL PACKAGE	12X-201	1	Lockwasher, Yoke Pin, 3/8
MAX-64	2	Connector, Field Coil	X-401	1	Pin, Cotter, Link Pin, 1/16x3/8
MAX-1007D	1	Coil, Field, U.L.	8X-830	1	Nut, Yoke Pin, Hex. 3/8-16
MAX-1008	1	Coil, Field, L.R.	Miscellaneous Parts		
MAX-1009	1	Coil, Field, L.L.	MAW-24	1	Band, Cover
MAX-1010D	1	Coil, Field, U.R.	MN-18	1	Washer, Thrust, D.E.
MN-21	2	Pin, Dowel	PS-1298A	1	Housing Assy., Pinion
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16	MP-41A	1	BEARING, ABS. BRONZE
12X-201	1	Lockwasher, Term. Stud, 3/8	8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
8X-830	1	Nut, Term. Stud, Hex. 3/8-16	8X-794	1	Nut, Cover Band, Square #10-32
8X-179	1	Nut, Term. Stud, Hex. 3/8-16	† BRUSH SET, SERVICE MAW-2012S.		
12X-199	2	Lockwasher, Thru Bolt, 1/4	* Used as required.		
12X-201	1	Lockwasher, Term. Stud, 3/8			
Comm. End Head Assembly & Parts Used With					
MAX-2002	1	Head Assy., Comm. End			
MAD-110	1	Felt			
MZ-19	4	Spring, Brush			
Armature Assembly & Parts Used With					
MAD-96	1	Washer, Arm Thrust, Comm. End			
MAW-2213	1	ARMATURE			
MU-54	*	Washer, Thrust, C.E., 1/32" Thick			
MU-54B	*	Washer, Thrust, D.E., 3/64" Thick			

UNIT	APPLICATION
MAX-4090	Chrysler (Canada)

(Issued 2-16-49)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4093 STARTING MOTOR PARTS LIST

MAX-4093

(Issued 7-8-52)

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part
GJ-20	2	Bolt, Thru
MAX-2156	1	Frame & Field Assy.
GK-38	4	Screw, Pole Shoe
MAB-30	1	Insulation, Field Connection
MAB-31	1	Washer, Ins., Term. Stud, Outer
MAB-85	1	Bushing, Ins., Term. Stud
MAK-80	1	Washer, Ins., Term. Stud, Inner
MAW-12†	2	Brush
MAW-13†	2	Brush, Grounded
MAX-47	1	Stud, Terminal
MAX-58	1	Equalizer
MCL-3005CS	1	FIELD COIL PACKAGE
MAX-64	2	Connector, Field Coil
MAX-1008	1	Coil, Field, L. R.
MAX-1009	1	Coil, Field, L. L.
MCL-1007F	1	Coil, Field, U. L.
MCL-1010F	1	Coil, Field, U. R.
MN-21	2	Pin, Dowel
MU-37	1	Washer, Plain, Term. Stud, 5/16
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16
12X-1014	2	Lockwasher, Term. Stud, 5/16
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24
12X-199	2	Lockwasher, Thru Bolt, 1/4

Comm. End Head Assembly & Parts Used With

MAX-2002	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19	4	Spring, Brush

Armature Assembly & Parts Used With

MAK-61	1	Washer, Thrust, Comm. End
MAW-2184	1	ARMATURE ASSY.
MAB-35	1	Spacer, Bearing Thrust
MU-54	2	Washer, Thrust, C. E. & D. E., 1/32" Thick
X-264	1	Key, Woodruff, #9

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part
SS-6R	1	Connector, Switch to Motor
SS-4001	1	SOLENOID STARTING SWITCH
8X-173	1	Nut, Hex. #10-32
12X-196	1	Lockwasher, #10
8X-832	2	Nut, Hex. 5/16-24
12X-1014	2	Lockwasher, 5/16
8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16
X-1270	2	Washer, Switch Mtg. Sc., Skpf. #10

Miscellaneous Parts

MAC-1058B	1	Head Assy., Drive End
MAB-49A	1	BEARING, ABS. BRONZE
MAW-24	1	Band, Cover
X-489	1	Oiler
8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
8X-794	1	Nut, Cover Band, Square #10-32

† BRUSH SET, SERVICE MAW-2012S.

UNIT	APPLICATION
MAX-4093	Columbian Bronze

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4094 STARTING MOTOR PARTS LIST

MAX-4094
(Issued 2-4-54)

Frame & Field Assembly & Parts Used With			Armature Assembly & Parts Used With		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
GJ-20	2	Bolt, Thru	MAK-61	1	Washer, Thrust, Comm. End
MAX-2150	1	Frame & Field Assy.	MAW-2184	1	ARMATURE ASSY.
GK-38	4	Screw, Pole Shoe	MAB-35	1	Spacer, Bearing Thrust
MAB-30	1	Insulation, Field Conn.	MU-54	2	Washer, Thrust, C. E. & D. E., 1/32" Thick
MAB-31	1	Washer, Ins., Term. Stud, Outer	X-264	1	Key, Woodruff, #9
MAB-85	1	Bushing, Ins., Term. Stud	<u>Miscellaneous Parts</u>		
MAK-80	1	Washer, Ins., Term. Stud, Inner	MAC-1058B	1	Head Assy., Drive End
MAW-12†	2	Brush	MAB-49A	1	BEARING, ABS. BRONZE
MAW-13†	2	Brush, Grounded	MAW-24	1	Band, Cover
MAX-47	1	Stud, Terminal	X-489	1	Oiler
MAX-58	1	Equalizer	8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
MCL-3005CS	1	FIELD COIL PACKAGE	8X-794	1	Nut, Cover Band, Square #10-32
MAX-64	2	Connector, Field Coil	† BRUSH SET, SERVICE MAW-2012S.		
MAX-1008	1	Coil, Field, L. R.			
MAX-1009	1	Coil, Field, L. L.			
MCL-1007F	1	Coil, Field, U. L.			
MCL-1010F	1	Coil, Field, U. R.			
MN-21	2	Pin, Dowel			
MU-37C	1	Washer, Plain, Term. Stud, 5/16			
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16			
12X-1014	2	Lockwasher, Term. Stud, 5/16			
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24			
12X-199	2	Lockwasher, Thru Bolt, 1/4			
Comm. End Head Assembly & Parts Used With					
MAX-2002	1	Head Assy., Comm. End			
MAD-110	1	Felt			
MZ-19	4	Spring, Brush			

UNIT	APPLICATION
MAX-4094	Daybrook

Printed in U. S. A.

File in
Equipment & Parts List Binder

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAX-4095 STARTING MOTOR PARTS LIST

MAX-4095
(Issued 2-24 -55)

Frame & Field Assembly & Parts Used With			Switch Assembly & Parts Used With		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
MAX-2156A	1	Frame & Field Assembly	MAX-140L	1	Connector
GK-38	4	Screw, Pole Shoe	SST -4012	1	SOLENOID STARTING SWITCH
MAB-30	1	Insulation, Field Connection	8X-164	2	Nut, Hex. 5/16-24
MAB-31	1	Washer, Ins., Term. Stud, Outer	8X-173	1	Nut, Hex. #10-32
MAB-85	1	Bushing, Ins., Term. Stud	12X-196	1	Lockwasher, #10
MAK-80	1	Washer, Ins., Term. Stud, Inner	12X-1014	2	Lockwasher, 5/16
MAW-12†	2	Brush	8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16
MAW-13†	2	Brush, Grounded	X-1270	2	Washer, Switch Mtg. Screw, Skpf. #10
MAX-47	1	Stud, Terminal			
MAX-58	1	Equalizer			
MCL-3005CS	1	FIELD COIL PACKAGE			
MAX-64	2	Connector, Field Coil			
MAX-1008	1	Coil, Field, L. R.			
MAX-1009	1	Coil, Field, L. L.			
MCL-1007F	1	Coil, Field, U. L.			
MCL-1010F	1	Coil, Field, U. R.			
MN-21	2	Pin, Dowel			
MU-37	1	Washer, Plain, Term. Stud, 5/16			
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16			
12X-1014	2	Lockwasher, Term. Stud, 5/16			
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24			
MW-20A	2	Bolt, Thru			
12X-199	2	Lockwasher, Thru Bolt, 1/4			
Comm. End Head Assembly & Parts Used With					
MAX-2002	1	Head Assy., Comm. End			
MAD-110	1	Felt			
MZ-19	4	Spring, Brush			
Armature Assembly & Parts Used With					
MAK-61	1	Washer, Thrust, Comm. End			
MAW-2105	1	ARMATURE ASSEMBLY			
MAB-35	1	Spacer, Bearing Thrust			
MU-54	2	Washer, Thrust, C. E. & Int., 1/32" Thick			
X-261	1	Key, Woodruff, D. E., #6			

Miscellaneous Parts		
EBA-2	1	BENDIX DRIVE ASSEMBLY
EB-108	2	Lockwasher
EB-7806	1	Screw, Spring, Head
EB-7807	1	Screw, Spring, Shaft
EB-7819S	1	Sleeve, Compression
EB-8503	1	Head, Drive
EB-8705	1	SPRING, DRIVE
EB-8734	1	Ring, Take-Up
EBA-211	1	Shaft & Pinion
MAX-1024	1	Band, Cover
MAB-2040	1	Bearing Assy., Intermediate
MG-77A	1	BEARING, ABS. BRONZE
PS-1260B	1	Housing Assy., Pinion
MAB-88	1	Pin, Dowel
MG-77A	1	BEARING, ABS. BRONZE
8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
8X-794	1	Nut, Cover Band, Square #10-32

† BRUSH SET, SERVICE MAW-2012S.

UNIT	APPLICATION
MAX-4095	J. I. Case

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4109A,B STARTING MOTOR PARTS LIST

MAY-4109A,B

Frame & Field Assembly With Terminal Stud & Parts Used With					Switch Assembly & Parts (Continued)				
Part No.	No. Used	Name of Part			Part No.	No. Used	Name of Part		
		1	2	3 4 5			1	2 3 4 5	
(MAY-2115A)	1	Frame & Field Assy.			8X-467	4	Screw, Switch Mtg., Hex. Hd. 1/4-20x3/8		
DK-45	1	Washer, Ins., Term. Stud, Inner			8X-830	2	Nut, Switch Term. Hex. 3/8-16		
GK-38	4	Screw, Pole Shoe			X-1272	4	Washer, Switch Mtg., Skpf. 1/4		
MAB-30	1	Insulation, Field Connection			Starter Clutch Assembly & Parts Used With				
MAW-13†	2	Brush, Grounded			MAD-2087	1	Yoke		
MAW-37	1	Bushing, Ins., Term. Stud			MAW-3132A	1	STARTER CLUTCH		
MAX-35	1	Washer, Ins., Term. Stud, Outer			MAX-37	1	Gasket, Dust Cover to Switch		
MAX-44	1	Washer, Term. Stud, 3/8			MAX-38	1	Cover, Dust		
MAX-64	2	Connector, Field Coil			MAX-39	1	Plate, Dust		
MAX-67	1	Insulation, Field Conn., D.E.			MAX-46	1	Spring, Yoke		
MAY-12A†	2	Brush			MAX-41	1	Bushing, Yoke Pivot, 1 1/4"		
MAY-28	1	Stud, Terminal			MAX-42	1	Bushing, Yoke Pivot, 1 9/16"		
MAY-33	1	Connector			SS-56	1	Pin, Link		
MAY-1007F	1	Coil, Field, U.L.			8X-97	1	Screw, Hex. Hd. 5/16-18x3 1/4		
MAY-1008A	1	Coil, Field, L.R.			8X-147	1	Nut, Yoke Pivot, Hex 5/16-18		
MAY-1009A	1	Coil, Field, L.L.			8X-311	4	Screw, Dust Cover, Rd. Hd. #10-32x3/8		
MAY-1010	1	Coil, Field, U.R.			X-401	1	Pin, Cotter, 1/16x3/8		
MN-21	2	Pin, Dowel			12X-1014	1	Lockwasher, Yoke Pivot, 5/16		
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16			X-1270	4	Washer, Dust Cover Skpf. #10		
12X-201	2	Lockwasher, Term. Stud, 3/8			Miscellaneous Parts				
8X-830	2	Nut, Term. Stud, Hex. 3/8-16			MAW-24	1	Band, Cover		
MW-20A	2	Bolt, Thru			MN-18	1	Washer, Thrust, D.E.		
12X-199	2	Lockwasher, Thru Bolt, 1/4			PS-1094	1	Housing Assy., Pinion		
Comm. End Head Assembly & Parts Used With					MP-41A	1	BEARING, ABS. BRONZE		
MAX-2002	1	Head Assy., Comm. End			8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2		
MAD-110	1	Felt			8X-794	1	Nut, Cover Band, Square #10-32		
MZ-19	4	Spring, Brush					1	2 3 4 5	
Armature Assembly & Parts Used With					† BRUSH SET, SERVICE MAY-2012AS.				
MAD-96	1	Washer, Thrust, C.E.							
MAY-2030	1	ARMATURE ASSY.							
MAW-31	1	Spacer, Arm. Shaft							
MU-54	1	Washer, Thrust 1/32" thick							
MU-54A	1	Washer, Thrust 1/64" thick							
MU-54B	1	Washer, Thrust 3/64" thick							
Switch Assembly & Parts Used With									
SS-116L	1	Connector							
SS-1128	1	Core Assy.							
SS-59	1	Screw, Link							
SS-61	1	Spring							
SS-128	1	Core							
SS-4204A	1	SOLENOID STARTING SWITCH							
12X-201	2	Lockwasher, Switch Term., 3/8							
		1	2	3 4 5					

UNIT	APPLICATION
MAY-4109A,B	Chrysler Corp.

(Issued 1-23-48)

Printed in U. S. A.

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4114,A,B STARTING MOTOR PARTS LIST

MAY-4114,A,B

PRELIMINARY

Frame & Field Assembly With Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(MAY-2113B)	1	Frame & Field Assembly					
DK-45	1	Insulating Washer					
GK-38	4	Pole Piece Screw					
MAB-30	1	Field Connection Ins.					
MAW-13	2	BRUSH ASSY.- Grounded					
MAW-29	4	Pole Piece					
MAW-37	1	Insulating Bushing					
MAW-39	1	Insulating Block					
MAX-64	2	Field Coil Connector					
MAX-67	1	Insulation					
MAY-31	1	Terminal Post					
MAY-1007G	1	Field Coil - U.L.					
MAY-1008A	1	Field Coil - L.R.					
MAY-1009A	1	Field Coil - L.L.					
MAY-1010A	1	Field Coil & Brush Assy.- U.R.					
MAY-1033	1	Connector & Brush Assy.					
MAY-12A	2	BRUSH					
MN-21	2	Dowel Pin					
SW-763	1	Switch Contact - Lower					
8X-61	2	#10-32x7/16 Flat Hd. Sc.					
8X-830	1	3/8-16 Hex. Nut					
MW-20A	2	Frame Screw					
12X-199	2	1/4 Lock Washer					

Comm. End Head Assembly & Parts Used With

MAX-2002	1	Comm. End Head Assembly
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assembly & Parts Used With

MAD-96	1	Thrust Washer
MAY-2030	1	ARMATURE ASSEMBLY
MAW-31	1	Armature Shaft Spacer
MU-54	+	Thrust Washer - 1/32" Thick
MU-54A	+	Thrust Washer - 1/64" Thick
MU-54B	+	Thrust Washer - 3/64" Thick

Switch Assembly & Parts Used With

SW-2677A	1	STARTING SWITCH ASSEMBLY
12X-201	1	3/8 Lock Washer
8X-830	1	3/8-16 Hex. Nut
8X-321	2	#10-32x5/16 Rd. Hd. Screw
X-1270	2	#10 Skpf. Washer
		1 2 3 4 5

Starter Clutch Assy. & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
MAW-33	1	Pivot Screw					
*	1	Yoke Assembly					
*	1	STARTER CLUTCH ASSEMBLY					
8X-179	1	3/8-16 Hex. Nut					
12X-201	1	3/8 Lock Washer					

Miscellaneous Parts

MAW-24	1	Head Band
MN-18	1	Thrust Washer
PS-1090S	1	Pinion Housing Assembly
MP-41A	1	ABSORBENT BRONZE BRG.
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw
8X-794	1	#10-32 Square Nut
		1 2 3 4 5

(Issued 1-19-42)

Assembly No.	Yoke Assembly	Starter Clutch
MAY-4114	MAW-2103A	MAW-3132A
MAY-4114A	MAW-2103	MAY-3099
MAY-4114B	MAW-2103	MAW-3132A

* See table following parts list for part number applying to assembly wanted.

+ Use as required.

UNIT	APPLICATION
MAY-4114,A,B	Dodge Truck

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4130 STARTING MOTOR PARTS LIST

MAY-4130

PRELIMINARY

Frame & Field Assembly With Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAY-3140)	1	Frame & Field Assy.				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAB-31	1	Insulating Washer				
MAB-85	1	Insulating Bushing				
MAK-80	1	Insulating Washer				
MAW-13	2	BRUSH ASSY.- GROUNDED				
MAW-29	4	Pole Piece				
MAX-64	2	Field Coil Connector				
MAX-67	1	Insulation				
MAY-34	1	Terminal Post				
MAY-1007F	1	Field Coil - U.L.				
MAY-1008A	1	Field Coil - L.R.				
MAY-1009A	1	Field Coil - L.L.				
MAY-2010A	1	Field Coil & Brush Assy.				
MAY-2033	1	Connector & Br. Assy.				
MAY-12A	1	BRUSH-3" Pigtail				
MAY-12B	1	BRUSH-4 1/2" Pigtail				
MN-21	2	Dowel Pin				
MU-37	1	5/16 Plain Washer				
8X-61	2	#10-32x7/16 Flat Hd. Sc.				
12X-1014	1	5/16 Lock Washer				
8X-1376	1	5/16-24 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				
12X-1014	1	5/16 Lock Washer				
8X-1376	1	5/16-24 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

MAX-3059	1	Comm. End Plate Assy.
MAD-110	1	Felt Pad
MZ-19	4	Brush Spring
X-390	1	Oiler - 1/4 Hinged Top

Armature Assembly & Parts Used With

MAK-61	1	5/8 Steel Washer
MAY-2064	1	ARMATURE ASSEMBLY
MU-54	1	Thrust Washer - 1/32" Thick
X-261	1	#6 Woodruff Key
		1 2 3 4 5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MU-37	1	5/16 Plain Washer				
SS-6RA	1	Connector				
SS-4003	1	SOLENOID STARTING SWITCH				
12X-196	1	#10 Lock Washer				
8X-832	2	5/16-24 Hex. Nut				
12X-1014	2	5/16 Lock Washer				
8X-1372	1	#10-32 Hex. Nut				
8X-321	2	#10-32x5/16 Rd. Hd. Screw				
X-1270	2	#10 Skpf. Washer				

Miscellaneous Parts

EB-99	1	BENDIX DRIVE ASSEMBLY				
EB-108	2	Lock Washer				
EB-7805	1	DRIVE SPRING				
EB-7806	1	Hd. Sp. Bolt or Screw				
EB-7807	1	Shaft Spring Sc.				
EB-7819S	1	Compression Sleeve				
EB-8503	1	Driving Head				
EB-8734	1	Take Up Spring				
EB-9911	1	S - A Assembly				
MAW-24	1	Head Band				
MN-18	1	Thrust Washer				
PS-1100A	1	Pinion Housing Assy.				
MP-41A	1	ABSORBENT BRONZE BRG.				
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 5-16-41)

UNIT	APPLICATION
MAY-4130	Chrysler Marine

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4130M STARTING MOTOR PARTS LIST

MAY-4130M

Frame & Field Assembly & Parts Used With			Switch Assembly & Parts Used With		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
(MAY-3140A)	1	Frame & Field Assy.	MAX-140R	1	Connector
GK-38C	4	Screw, Pole Shoe	SSR-4001M	1	SWITCH, SOLENOID
MAB-30	1	Insulation, Field Connection	12X-196	1	Lockwasher, #10
MAB-31A	1	Washer, Ins., Term. Stud, Outer	12X-1014	2	Lockwasher, 5/16
MAB-85A	1	Bushing, Ins., Term. Stud	8X-2843	2	Nut, Hex. 5/16-24
MAK-80A	1	Washer, Ins., Term. Stud, Inner	8X-2853	1	Nut, Hex. #10-32
MAW-13†	2	Brush, Grounded	8X-20	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16
MAX-67	1	Insulation, Field Conn., D.E.	X-1270	2	Washer, Switch Mtg. Sc., Skpf. #10
MAY-12A†	1	Brush			
MAY-12B†	1	Brush			
MAY-33	1	Connector			<u>Miscellaneous Parts</u>
MAY-34A	1	Stud, Terminal	EB-99A	1	BENDIX DRIVE ASSY.
MAY-3005BS	1	FIELD COIL PACKAGE	EB-108A	2	Lockwasher
MAX-64	2	Connector, Field Coil	EB-7805A	1	SPRING, DRIVE
MAY-1007F	1	Coil, Field, U.L.	EB-7806A	1	Screw, Spring, Head
MAY-1008A	1	Coil, Field, L.R.	EB-7807A	1	Screw, Spring, Shaft
MAY-1009A	1	Coil, Field, L.L.	EB-7819SA	1	Sleeve, Compression
MAY-1010	1	Coil, Field, U.R.	EB-8503A	1	Head, Drive
MN-21A	2	Pin, Dowel	EB-8734A	1	Ring, Take-Up
MU-37G	1	Washer, Plain Term. Stud	EB-9911A	1	Shaft & Pinion
X-180	2	Nut, Term. Stud, Hex. 5/16-24	MAB-1024N	1	Band, Cover
12X-1014	2	Lockwasher, Term. Stud, 5/16	MN-18	1	Washer, Thrust, D.E.
X-2889	2	Screw, Brush Ground, Flat Hd. #10-32x7/16	PS-1100C	1	Housing Assy., Pinion
MW-20C	2	Bolt, Thru	MP-41A	1	BEARING, ABS. BRONZE
12X-199	2	Lockwasher, Thru Bolt, 1/4	8X-2875	1	Nut, Cover Band, Square #10-32
			X-2882	1	Screw, Cover Band, Fill. Hd. #10-32x1 1/2
<u>Comm. End Head Assembly & Parts Used With</u>					
MAX-3059D	1	Head Assy., Comm. End			
MAD-110	1	Felt			
MZ-19A	4	Spring, Brush			
<u>Armature Assembly & Parts Used With</u>					
MAK-61A	1	Washer, Steel			
MAY-2064M	1	ARMATURE ASSY.			
MU-54	1	Washer, Thrust, 1/32" Thick			
X-261	1	Key, Woodruff, #6			

† BRUSH SET, SERVICE MAY-1012AS.

UNIT	APPLICATION
MAY-4130M	Chrysler Marine

(Issued 4-18-50)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4131 STARTING MOTOR PARTS LIST

MAY-4131

PRELIMINARY

Frame & Field Assembly With Terminal Post
& Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAY-2140)	1	Frame & Field Assembly				
GK-38	4	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MAB-31	1	Insulating Washer				
MAB-85	1	Insulating Bushing				
MAK-80	1	Insulating Washer				
MAW-13	2	BRUSH ASSY. - GROUNDED				
MAW-29	4	Pole Piece				
MAX-64	2	Field Coil Connector				
MAX-67	1	Insulation				
MAY-34	1	Terminal Post				
MAY-1007F	1	Field Coil - U.L.				
MAY-1008A	1	Field Coil - L.R.				
MAY-1009A	1	Field Coil - L.L.				
MAY-1010A	1	Field Coil & Br. Assy. - U.R.				
MAY-1033	1	Connector & Br. Assy.				
MAY-12A	2	BRUSH-Long Pigtail				
MN-21	2	Dowel Pin				
MU-37	1	5/16 Plain Washer				
EX-61	2	#10-32x7/16 Flat Hd. Sc.				
12X-1014	1	5/16 Lock Washer				
EX-1376	1	5/16-24 Hex. Nut				
MW-20A	2	Frame Screw				
12X-199	2	1/4 Lock Washer				
12X-1014	1	5/16 Lock Washer				
EX-1376	1	5/16-24 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

MAX-2002	1	Comm. End Plate Assy.				
MAD-110	1	Felt Pad				
MZ-19	4	Brush Spring				
X-390	1	Oiler - 1/4 Hinged Top				

Armature Assembly & Parts Used With

MAK-61	1	5/8 Steel Washer				
MAY-2064	1	ARMATURE ASSEMBLY				
MU-54	1	Thrust Washer - 1/32" Thick				
X-261	1	#6 Woodruff Key				
		1	2	3	4	5

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MU-37	1	5/16 Plain Washer				
SS-6RA	1	Connector				
SS-4003	1	SOLENOID STARTING SWITCH				
12X-196	1	#10 Lock Washer				
EX-832	2	5/16-24 Hex. Nut				
12X-1014	2	5/16 Lock Washer				
EX-1372	1	#10-32 Hex. Nut				
EX-321	2	#10-32x5/16 Rd. Hd. Screw				
X-1270	2	#10 Skpf. Washer				

Miscellaneous Parts

EBA-2	1	BENDIX DRIVE ASSEMBLY				
EB-108	2	Lock Washer				
EB-7806	1	Hd. Spring Bolt or Screw				
EB-7807	1	Shaft Spring Screw				
EB-7819S	1	Compression Sleeve				
EB-8503	1	Driving Head				
EB-8705	1	DRIVE SPRING				
EB-8734	1	Take Up Spring				
EBA-211	1	S - A Assembly				
MAW-24	1	Head Band				
MN-18	1	Thrust Washer				
PS-1100A	1	Pinion Housing Assy.				
MP-41A	1	ABSORBENT BRONZE BRG.				
EX-715	1	#10-32x1 1/4 Rd. Hd. Screw				
EX-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 5-16-41)

UNIT	APPLICATION
MAY-4131	Chrysler Marine

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4131M STARTING MOTOR PARTS LIST

MAY-4131M

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part
(MAY-2140A)	1	Frame & Field Assy.
GK-38C	4	Screw, Pole Shoe
MAB-30	1	Insulation, Field Connection
MAB-31A	1	Washer, Ins., Term. Stud, Outer
MAB-85A	1	Bushing, Ins., Term. Stud
MAK-80A	1	Washer, Ins., Term. Stud, Inner
MAW-13†	2	Brush, Grounded
MAX-67	1	Insulation, Field Conn., D.E.
MAY-12A†	2	Brush
MAY-33	1	Connector
MAY-34A	1	Stud, Terminal
MAY-3005BS	1	FIELD COIL PACKAGE
MAX-64	2	Connector, Field Coil
MAY-1007F	1	Coil, Field, U.L.
MAY-1008A	1	Coil, Field, L.R.
MAY-1009A	1	Coil, Field, L.L.
MAY-1010	1	Coil, Field, U.R.
MN-21A	2	Pin, Dowel
MU-37G	1	Washer, Plain, Term. Stud
X-180	2	Nut, Term. Stud, Hex. 5/16-24
12X-1014	2	Lockwasher, Term. Stud, 5/16
X-2889	2	Screw, Brush Ground, Flat Hd. #10-32x7/16
MW-20C	2	Bolt, Thru
12X-199	2	Lockwasher, Thru Bolt, 1/4

Comm. End Head Assembly & Parts Used With

MAX-2002L	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19A	4	Spring, Brush

Armature Assembly & Parts Used With

MAK-61A	1	Washer, Thrust, C.E.
MAY-2064M	1	ARMATURE ASSY.
MN-18	1	Washer, Thrust, D.E.
MU-54	1	Washer, Thrust, 1/32" Thick
X-261	1	Key, Woodruff, #6

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part
MAX-140R	1	Connector
SSR-4001M	1	SWITCH, SOLENOID
12X-196	1	Lockwasher, #10
12X-1014	2	Lockwasher, 5/16
8X-2843	2	Nut, Hex. 5/16-24
8X-2853	1	Nut, Hex. #10-32
8X-20	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16
X-1270	2	Washer, Switch Mtg. Sc., Skpf. #10

Miscellaneous Parts

EBA-2A	1	BENDIX DRIVE ASSY.
EB-108A	2	Lockwasher
EB-7806A	1	Screw, Spring, Head
EB-7807A	1	Screw, Spring, Shaft
EB-7819SA	1	Sleeve, Compression
EB-8503A	1	Head, Drive
EB-8705A	1	SPRING, DRIVE
EB-8734A	1	Ring, Take-Up
EBA-211A	1	Shaft & Pinion
MAB-1024N	1	Band, Cover
PS-1100C	1	Housing Assy., Pinion
MP-41A	1	BEARING, ABS. BRONZE
8X-2875	1	Nut, Cover Band, Square #10-32
X-2882	1	Screw, Cover Band, Fill. Hd. #10-32x1 1/2

† BRUSH SET, SERVICE MAY-2012AS.

UNIT	APPLICATION
MAY-4131M	Chrysler Marine

(Issued 4-18-50)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4132 STARTING MOTOR PARTS LIST

MAY-4132

PRELIMINARY

<u>Frame & Field Assembly With Terminal Post & Parts Used With</u>					<u>Starter Clutch Assy. & Parts Used With</u>										
Part No.	No. Used	Name of Part	Name of Part					Part No.	No. Used	Name of Part					
			1	2	3	4	5			1	2	3	4	5	
(MAY-2142)	1	Frame & Field Assembly						MAW-2148	1	Yoke Assembly					
DK-45	1	Insulating Washer						MAW-3132A	1	STARTER CLUTCH ASSEMBLY					
GK-38	4	Pole Piece Screw						MZ-175	1	Pivot Screw					
MAB-30	1	Field Connection Ins.						8X-179	1	3/8-16 Hex. Nut					
MAW-13	2	BRUSH ASSY.- Grounded						12X-201	1	3/8 Lock Washer					
MAW-29	4	Pole Piece						<u>Miscellaneous Parts</u>							
MAW-37	1	Insulating Bushing						MAW-24	1	Head Band					
MAW-39	1	Insulating Block						MN-18	1	Thrust Washer					
MAX-64	2	Field Coil Connector						PS-1194A	1	Pinion Housing Assembly					
MAX-67	1	Insulation						MP-41A	1	ABSORBENT BRONZE BRG.					
MAY-31	1	Terminal Post						8X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
MAY-1007G	1	Field Coil - U.L.						8X-794	1	#10-32 Square Nut					
MAY-1008A	1	Field Coil - L.R.									1	2	3	4	5
MAY-1009A	1	Field Coil - L.L.													
MAY-1010A	1	Field Coil & Brush Assy.- U.R.													
MAY-1033	1	Connector & Brush Assy.													
MAY-12A	2	BRUSH													
MN-21	2	Dowel Pin													
SW-764	1	Switch Contact - Lower													
8X-61	2	#10-32x7/16 Flat Hd. Sc.													
8X-830	1	3/8-16 Hex. Nut													
MW-20A	2	Frame Screw													
12X-199	2	1/4 Lock Washer													
<u>Comm. End Head Assembly & Parts Used With</u>															
MAX-2002	1	Comm. End Head Assembly													
MAD-110	1	Felt Pad													
MZ-19	4	Brush Spring													
X-390	1	Oiler - 1/4 Hinged Top													
<u>Armature Assembly & Parts Used With</u>															
MAD-96	1	Thrust Washer													
MAY-2030	1	ARMATURE ASSEMBLY													
MAW-31	1	Armature Shaft Spacer													
MU-54	*	Thrust Washer - 1/32" Thick													
MU-54A	*	Thrust Washer - 1/64" Thick													
MU-54B	*	Thrust Washer - 3/64" Thick													
<u>Switch Assembly & Parts Used With</u>															
SW-2813	1	STARTING SWITCH ASSEMBLY													
12X-201	1	3/8 Lock Washer													
8X-830	1	3/8-16 Hex. Nut													
8X-321	2	#10-32x5/16 Rd. Hd. Screw													
X-1270	2	#10 Skpf. Washer													
			1	2	3	4	5								

(Issued 1-20-42)

* Use as required.

UNIT	APPLICATION
MAY-4132	Dodge Truck

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File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking su -parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4134M STARTING MOTOR PARTS LIST

MAY-4134M

Frame & Field Assembly & Parts Used With					Miscellaneous Parts												
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part								
		1	2	3	4	5			1	2	3	4	5				
(MAY-3121A)	1	Frame & Field Assy.					EBA-17A	1	BENDIX DRIVE ASSY.								
GK-38C	4	Screw, Pole Shoe					EB-108A	2	Lockwasher								
MAB-30	1	Insulation, Field Connection					EB-7806A	1	Screw, Spring, Head								
MAB-31A	1	Washer, Ins., Term. Stud, Outer					EB-7807A	1	Screw, Spring, Shaft								
MAB-85A	1	Bushing, Ins., Term. Stud					EB-7819SA	1	Sleeve, Compression								
MAK-80A	1	Washer, Ins., Term. Stud, Inner					EB-8503A	1	Head, Drive								
MAW-13 †	2	Brush, Grounded					EB-8705A	1	SPRING, DRIVE								
MAX-64	2	Connector, Field Coil					EB-8734A	1	Ring, Take Up								
MAX-67	1	Insulation, Field Conn., D.E.					EBA-1711A	1	Shaft & Pinion								
MAY-12A †	1	Brush					MAB-1024N	1	Band, Cover								
MAY-12B †	1	Brush					MAW-70	1	Washer, Felt, Int. Plate								
MAY-33	1	Connector					MAW-71A	1	Retainer, Felt Washer, Int. Plate								
MAY-34A	1	Stud, Terminal					MAW-72A	1	Guard, Felt Washer, Int. Plate								
MAY-1007R	1	Coil, Field, U.L.					MAW-84A	1	Shaft, Bendix Drive								
MAY-1008B	1	Coil, Field, L.R.					MAW-87	1	Gear, Bendix Shaft								
MAY-1009B	1	Coil, Field, L.L.					MAX-1060A	1	Bearing Assy., Intermediate								
MAY-1010H	1	Coil, Field, U.R.					MAW-77	1	BEARING, ABSORBENT BRONZE								
MN-21A	2	Pin, Dowel					MG-77A	1	BEARING, ABSORBENT BRONZE								
MU-37G	1	Washer, Term. Stud, Plain 5/16					X-489A	1	Oiler, Hinge Top, Press in, 1/4								
X-180	2	Nut, Term. Stud, Hex. 5/16-24					MN-18	1	Washer, Thrust, D.E.								
12X-1014	2	Lockwasher, Term. Stud, 5/16					PS-1106A	1	Housing Assy., Pinion								
X-2889	2	Screw, Brush Ground, Flat Hd. #10-32x7/16					MN-21A	1	Pin, Dowel								
MW-20C	2	Bolt, Thru					MP-41A	1	Bearing, Absorbent Bronze								
12X-199	2	Lockwasher, Thru Bolt, 1/4					8X-21	3	Screw, Retainer, Rd. Hd. #10-32x3/8								
<u>Comm. End Head Assembly & Parts Used With</u>						19X-89	3	Screw, Housing, Hex. Hd. 1/4-20x1									
MAX-3059D	1	Head Assy., Comm. End					12X-196	3	Lockwasher, Retainer Sc., #10								
MAD-110	1	Felt					12X-199	3	Lockwasher, Housing Sc., 1/4								
MZ-19A	4	Spring, Brush					8X-2873	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4								
<u>Armature Assembly & Parts Used With</u>						8X-2875	1	Nut, Cover Band, Square #10-32									
MAK-61A	1	Washer, Arm. Thrust, Comm. End					8X-2892	1	Plug, Pipe, 1/8 1 2 3 4 5								
MAW-75A	1	Washer, Thrust, Intermediate					† BRUSH SET, SERVICE MAY -1012AS										
MAW-76	1	Washer, Thrust, Intermediate					NOTE: - Part numbers shown in parenthesis are not recommended for service.										
MAY-2069M	1	ARMATURE					<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">UNIT</td> <td style="padding: 5px;">APPLICATION</td> </tr> <tr> <td style="padding: 5px;">MAY-4134M</td> <td style="padding: 5px;">Chrysler Marine</td> </tr> </table>							UNIT	APPLICATION	MAY-4134M	Chrysler Marine
UNIT	APPLICATION																
MAY-4134M	Chrysler Marine																
MU-54	1	Washer, Thrust															
X-261	2	Key, Woodruff, #6					(Issued 1-26-48)										
<u>Switch Assembly & Parts Used With</u>						Printed in U. S. A.											
MAW-167R	1	Connector					File in Equipment & Parts List Binder										
SSR-4001M	1	SWITCH, SOLENOID					"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."										
12X-196	1	Lockwasher, #10															
12X-1014	2	Lockwasher, 5/16															
8X-2843	2	Nut, Hex. 5/16-24															
8X-2853	1	Nut, Hex. #10-32															
8X-20	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16															
X-1270	2	Washer, Switch Mtg., Skpf. #10 1 2 3 4 5															



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4135M STARTING MOTOR PARTS LIST

MAY-4135M

Frame & Field Assembly & Parts Used With					Miscellaneous Parts										
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part						
		1	2	3	4	5			1	2	3	4	5		
(MAY-2121A)	1	Frame & Field Assy.					EBA-16A	1	BENDIX DRIVE ASSY.						
GK-38C	4	Screw, Pole Shoe					EB-108A	2	Lockwasher						
MAB-30	1	Insulation, Field Connection					EB-7805A	1	SPRING, DRIVE						
MAB-31A	1	Washer, Ins., Term. Stud, Outer					EB-7806A	1	Screw, Spring, Head						
MAB-85A	1	Bushing, Ins., Term. Stud					EB-7807A	1	Screw, Spring, Shaft						
MAW-13 †	2	Brush, Grounded					EB-7819SA	1	Sleeve, Compression						
MAX-64	2	Connector					EB-8503A	1	Head, Drive						
MAX-67	1	Insulation, Field Conn., D.E.					EB-8734A	1	Ring, Take Up						
MAY-12A †	2	Brush					EBA-1611A	1	Shaft & Pinion						
MAY-33	1	Connector					MAB-1024N	1	Band, Cover						
MAY-34A	1	Stud, Terminal					MAW-70	1	Washer, Felt, Int. Plate						
MAY-1007R	1	Coil, Field, U.L.					MAW-71A	1	Retainer, Felt Washer, Int. Plate						
MAY-1008B	1	Coil, Field, L.R.					MAW-72A	1	Guard, Felt Washer, Int. Plate						
MAY-1009B	1	Coil, Field, L.L.					MAW-84A	1	Shaft, Bendix Drive						
MAY-1010H	1	Coil, Field, U.R.					MAW-87	1	Gear, Bendix Shaft						
MN-21A	2	Pin, Dowel					MAX-1060A	1	Bearing Assy., Intermediate						
MU-37G	1	Washer, Term. Stud, Plain 5/16					MAW-77	1	BEARING, ABSORBENT BRONZE						
X-180	2	Nut, Term. Stud, Hex. 5/16-24					MG-77A	1	BEARING, ABSORBENT BRONZE						
12X-1014	2	Lockwasher, Term. Stud 5/16					X-489A	1	Oiler, Hinge Top, Press In, 1/4						
X-2889	2	Screw, Brush Ground, Flat Hd. #10-32x7/16					MN-18	1	Washer, Thrust, D.E.						
MW-20C	2	Bolt, Thru					PS-1106A	1	Housing Assy., Pinion						
12X-199	2	Lockwasher, Thru Bolt, 1/4					MN-21A	1	Pin, Dowel						
Comm. End Head Assembly & Parts Used With						MP-41A	1	Bearing, Absorbent Bronze							
MAX-2002L	1	Head Assy., Comm. End					8X-21	3	Screw, Retainer, Rd. Hd. #10-32x3/8						
MAD-110	1	Felt					19X-89	3	Screw, Housing, Hex. Hd. 1/4-20x1						
MZ-19A	4	Spring, Brush					12X-196	3	Lockwasher, Retainer Sc., #10						
Armature Assembly & Parts Used With						12X-199	3	Lockwasher, Housing Sc., 1/4							
MAK-61A	1	Washer, Arm. Thrust, Comm. End					8X-2873	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4						
MAW-75A	1	Washer, Thrust, Intermediate					8X-2875	1	Nut, Cover Band, Square #10-32						
MAW-76	1	Washer, Thrust, Intermediate					8X-2892	1	Plug, Pipe, 1/8						
MAY-2069M	1	ARMATURE							1	2	3	4	5		
MU-54	1	Washer, Thrust													
X-261	2	Key, Woodruff, #6													
Switch Assembly & Parts Used With															
MAW-167R	1	Connector													
SSR-4001M	1	SWITCH, SOLENOID													
12X-196	1	Lockwasher, #10													
12X-1014	2	Lockwasher, 5/16													
8X-2843	2	Nut, Hex. 5/16-24													
8X-2853	1	Nut, Hex. #10-32													
8X-20	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16													
X-127U	2	Washer, Switch Mtg., Skpf. #10													

† BRUSH SET, SERVICE MAY-2012AS.

NOTE: - Part numbers shown in parenthesis are not recommended for service.

UNIT	APPLICATION
MAY-4135M	Chrysler Marine

(Issued 1-26-48)

Printed in U. S. A.

File in
Equipment & Parts List Binder

“NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed.”

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4138 STARTING MOTOR PARTS LIST

MAY-4138
(Issued 1-15-51)

Frame & Field Assembly & Parts Used With			Miscellaneous Parts		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
(MAY-2118A)	1	Frame & Field Assy.	EBA-59	1	BENDIX DRIVE ASSY.
GK-38	4	Screw, Pole Shoe	EB-108	2	Lockwasher
MAB-30	1	Insulation, Field Connection	EB-7806	1	Screw, Spring, Head
MAB-31	1	Washer, Ins., Term. Stud, Outer	EBA-507	1	Screw, Spring, Shaft
MAB-85	1	Bushing, Ins., Term. Stud	EBA-1205	1	SPRING, DRIVE
MAK-80	1	Washer, Ins., Term. Stud, Inner	EBA-1213	1	Spring, Anti-Drift
MAY-13†	2	Brush, Grounded	EBA-1225	1	Spring, Meshing
MAX-67	1	Insulation, Field Conn., D.E.	EBA-1231	1	Screw Shaft
MAY-12A†	2	Brush	EBA-1233	1	Ring, Retaining
MAY-33	1	Connector	EBA-5932	1	Pinion
MAY-34	1	Stud, Terminal	MAB-1024F	1	Band, Cover
MAY-3005BS	1	FIELD COIL PACKAGE	MAB-2040	1	BEARING ASSY., INTERMEDIATE
MAX-64	2	Connector, Field Coil	MG-77A	1	Bearing, Abs., Bronze
MAY-1007F	1	Coil, Field, U.L.	PS-1209	1	Housing Assy., Pinion
MAY-1008A	1	Coil, Field, L.R.	MAB-88	1	Pin, Dowel
MAY-1009A	1	Coil, Field, L.L.	MG-77A	1	BEARING, ABS. BRONZE
MAY-1010	1	Coil, Field, U.R.	X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
MN-21	2	Pin, Dowel	8X-794	1	Nut, Cover Band, Square #10-32
MU-37	1	Washer, Plain, Term. Stud, 5/16			
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16			
12X-1014	2	Lockwasher, Term. Stud, 5/16			
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24			
MW-20A	2	Bolt, Thru			
12X-199	2	Lockwasher, Thru Bolt, 1/4			
<u>Comm. End Head Assembly & Parts Used With</u>					
MAX-2002CS	1	Head Assy., Comm. End			
MAD-110	1	Felt			
MZ-19	4	Spring, Brush			
X-390	1	Oiler			
<u>Armature Assembly & Parts Used With</u>					
MAK-61	1	Washer, Thrust, C.E.			
MAY-2006	1	ARMATURE ASSY.			
MAB-35	1	Spacer, Bearing Thrust			
MU-54	2	Washer, Thrust, C.E. & Intermediate			
X-261	1	Key, Woodruff, #6			

† BRUSH SET, SERVICE MAY-2012AS.

UNIT	APPLICATION
MAY-4138	Fairbanks Morse Co., U.S. Motors

Printed in U. S. A.

File in
Equipment & Parts List Binder

“NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed.”



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4139 STARTING MOTOR PARTS LIST

MAY-4139

<u>Frame & Field Assembly With Terminal Stud & Parts Used With</u>					<u>Miscellaneous Parts</u>								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(MAY-3124)	1	Frame & Field Assy.					EBA-17	1	Bendix Drive Assembly				
GK-38	4	Screw, Pole Shoe					EB-108	2	Lock Washer				
MAB-30	1	Insulation, Field Connection, C.E.					EB-7806	1	Hd. Sp. Bolt or Screw				
MAB-31	1	Washer, Insulating, Term. Stud, Outer					EB-7807	1	Shaft Spring Sc.				
MAB-85	1	Bushing, Insulating, Term. Stud					EB-7819S	1	Compression Sleeve				
MAK-80	1	Washer, Insulating, Term. Stud, Inner					EB-8503	1	Driving Head				
MAW-13†	2	Brush, Grounded					EB-8705	1	Driving Spring				
MAX-64	2	Connector, Field Coil					EB-8734	1	Take Up Ring				
MAX-67	1	Insulation, Field Connection, D.E.					EBA-1711	1	S-A Assembly				
MAY-12A†	1	Brush					MAB-1024F	1	Band, Cover				
MAY-12B†	1	Brush					MAW-70	1	Washer, Felt, Int. Plate				
MAY-33	1	Connector, Brush					MAW-71	1	Retainer, Felt Washer, Int. Plate				
MAY-34	1	Stud, Terminal, 5/16-24					MAW-72	1	Guard, Felt Washer, Int. Plate				
MAY-1007F	1	Coil, Field, U.L.					MAW-84	1	Shaft, Bendix Drive				
MAY-1008A	1	Coil, Field, L.R.					MAW-87	1	Gear, Bendix Shaft				
MAY-1009A	1	Coil, Field, L.L.					MAX-1077	1	Bearing Assy., Intermediate				
MAY-1010	1	Coil, Field, U.R.					MAW-77	1	Bearing, Arm. Shaft, Absorbent Bronze				
MN-21	2	Pin, Dowel					MG-77A	1	Bearing, Bendix Shaft, Absorbent Bronze				
MU-37	1	Washer, Plain, Term. Stud 5/16					X-489	1	Oiler, Hinge Top, Press in 1/4				
8X-61	2	Screw, Brush Grd., Flat Hd., #10-32x7/16					MN-18	1	Washer, Thrust, D.E.				
X-1014	2	Lockwasher, Term. Stud, 5/16					PS-1220	1	Housing Assy., Pinion				
8X-1376	2	Nut, Term. Stud, Hex., 5/16-24					MN-21	1	Pin, Dowel				
MW-20A	2	Bolt, Thru					MP-41A	1	Bearing, Absorbent Bronze				
X-199	2	Lockwasher, Thru Bolt, 1/4					8X-89	3	Screw, Housing Attaching, Hex. Hd. 1/4-20x1				
<u>Comm. End Head Assembly & Parts Used With</u>						X-196	3	Lockwasher, Brg. Retainer Sc., #10					
MAX-3059	1	Head Assy., Comm. End					X-199	3	Lockwasher, Housing Sc., 1/4				
MAD-110	1	Felt					X-261	2	Key, Woodruff, #6				
MZ-19	4	Spring, Brush					8X-311	3	Screw, Bearing Retainer, Rd. Hd. #10-32x3/8				
<u>Armature Assembly & Parts Used With</u>						X-505	1	Plug, Pipe, 1/8					
MAK-61	1	Washer, Steel					X-715	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4				
MAW-75	1	Washer, Thrust, Intermediate					8X-794	1	Nut, Cover Band, Square #10-32				
MAW-76	1	Washer, Thrust, Intermediate							1	2	3	4	5
MAY-2069	1	Armature											
MU-54	1	Washer, Thrust 1/32" thick											
		1	2	3	4	5							

† Brush Set, Service MAY-1012AS.

UNIT	APPLICATION
MAY-4139	Autocar

(Issued 10-10-46)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4145 STARTING MOTOR PARTS LIST

MAY-4145

Frame & Field Assembly & Parts Used With		
Part No.	No. Used	Name of Part
(MAY-2127)	1	Frame & Field Assy.
GK-38	4	Screw, Pole Shoe
MAB-30	1	Insulation, Field Connection
MAB-31	1	Washer, Ins., Term. Stud, Outer
MAB-85	1	Bushing, Ins., Term. Stud
MAK-80	1	Washer, Ins., Term. Stud, Inner
MAW-13†	2	Brush, Grounded
MAX-67	1	Insulation, Field Conn., D.E.
MAY-12A†	2	Brush, Insulated
MAY-33	1	Connector
MAY-34	1	Stud, Terminal
MAY-3005BS	1	FIELD COIL PACKAGE
MAX-64	2	Connector, Field Coil
MAY-1007F	1	Coil, Field, U.L.
MAY-1008A	1	Coil, Field, L.R.
MAY-1009A	1	Coil, Field, L.L.
MAY-1010	1	Coil, Field, U.R.
MN-21	2	Pin, Dowel
MU-37	1	Washer, Plain, Term. Stud, 5/16
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16
12X-1014	2	Lockwasher, Term. Stud, 5/16
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24
MW-20A	2	Bolt, Thru
12X-199	2	Lockwasher, Thru Bolt, 1/4
Comm. End Head Assembly & Parts Used With		
MAX-2002	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19	4	Spring, Brush
Armature Assembly & Parts Used With		
MAK-61	1	Washer, Thrust, Comm. End
MAY-2163	1	ARMATURE
MU-54	*	Washer, Thrust, C.E. & D.E., 1/32" Thick
MU-54A	*	Washer, Thrust, C.E. & D.E., 1/64" Thick
MU-54B	*	Washer, Thrust, C.E. & D.E., 3/64" Thick
X-261	1	Key, Woodruff, #6

Switch Assembly & Parts Used With		
Part No.	No. Used	Name of Part
SS-6R	1	Connector
SS-4003	1	SWITCH, SOLENOID
8X-173	1	Nut, Hex. #10-32
12X-196	1	Lockwasher, #10
8X-832	2	Nut, Hex. 5/16-24
12X-1014	2	Lockwasher, 5/16
8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16
X-1270	2	Washer, Switch Mtg. Sc. Skpf. #10
Miscellaneous Parts		
EBB-8	1	BENDIX DRIVE ASSY.
EBA-1213	1	Spring, Anti-Drift
EBA-1225	1	Spring, Meshing
EBA-1233	1	Ring, Retaining
EBA-2006	1	Pin, Locating
EBA-2007	2	Plate, Spring Anchor
EBA-2008	1	Ring, Lock
EBA-2031	1	Shaft
EBA-2105	1	SPRING, DRIVE
EBB-832	1	Pinion
MAW-2129	1	BEARING ASSY., INTERMEDIATE
MAW-130	1	Bearing Abs. Bronze
MAX-1024	1	Band, Cover
PS-1223	1	Housing Assy., Pinion
MAW-131	1	Pin, Dowel
MG-77A	1	Bearing, Abs. Bronze
8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
8X-794	1	Nut, Cover Band, Square #10-32

* Use As Required.

† BRUSH SET, SERVICE MAY-2012AS.

UNIT	APPLICATION
MAY-4145	Chrysler (Industrial)

(Issued 4-17-50)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4146 STARTING MOTOR PARTS LIST

MAY-4146

Frame & Field Assembly With Terminal Stud & Parts Used			Armature Assembly & Parts Used With		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
GJ-20	2	Bolt, Thru	MAK-61	1	Washer, Arm. Thrust, C.E.
(MAY-3150)	1	Frame & Field Assy.	MAY-2184	1	Armature Assembly
GK-38	4	Screw, Pole Shoe	MAB-35	1	Spacer, Bearing Thrust
MAB-30	1	Insulation, Field Conn.	MU-54	2	Washer, Thrust, 1/32" Thick
MAB-31	1	Washer, Ins., Term. Stud, Outer	X-264	1	Key, Woodruff, #9
MAB-85	1	Bushing, Ins., Term. Stud	<u>Miscellaneous Parts</u>		
MAK-80	1	Washer, Ins., Term. Stud, Inner	MAC-1058	1	Head Assy., Drive End
MAY-13†	2	Brush, Grounded	MAB-49A	1	Bearing, Abs. Bronze
MAX-67	1	Insulation, Field Conn., D.E.	MAW-24	1	Band, Cover
MAY-12A†	1	Brush	X-489	1	Oiler, Hinge Top, Press in 1/4
MAY-12B†	1	Brush	X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
MAY-33	1	Connector	8X-794	1	Nut, Cover Band, Square #10-32
MAY-34	1	Stud, Terminal	† Brush Set, Service MAY-1012AS.		
MAY-3005BS	1	Field Coil Package			
MAX-64	2	Connector, Field Coil			
MAY-1007F	1	Coil, Field, U.L.			
MAY-1008A	1	Coil, Field, L.R.			
MAY-1009A	1	Coil, Field, L.L.			
MAY-1010	1	Coil, Field, U.R.			
MN-21	2	Pin, Dowel			
MU-37	1	Washer, Plain, Term. Stud, 5/16			
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16			
12X-1014	2	Lockwasher, Term. Stud 5/16			
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24			
12X-199	2	Lockwasher, Thru Bolt, 1/4			
<u>Comm. End Head Assembly & Parts Used</u>					
MAX-3059	1	Head Assy., Comm. End			
MAD-110	1	Felt			
MZ-19	4	Spring, Brush			

UNIT	APPLICATION
MAY-4146	Lift Truck Inc.

(Issued 7-14-48)

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4147 STARTING MOTOR PARTS LIST

MAY-4147

Frame & Field Assembly With Terminal Stud & Parts Used With					Switch Assembly & Parts Used With									
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
(MAY-2157)	1	Frame & Field Assy.					SS-116L	1	Connector					
DK-45	1	Washer, Ins., Term. Stud Inner					SS-1057A	1	Moving Core Assy.					
GK-38	4	Screw, Pole Shoe					SS-57	1	Cover					
MAB-30	1	Insulation, Field Connection					SS-59	1	Link Screw					
MAW-13†	2	Brush, Grounded					SS-61	1	Spring					
MAW-37	1	Bushing, Ins., Term. Stud Inner					SS-4204	1	Solenoid Starting Switch					
MAX-35	1	Washer, Ins. Term. Stud Inner					12X-201	2	Lockwasher, Switch Term., 3/8					
MAX-44	1	Washer, Term. Stud, 3/8					8X-467	4	Screw, Switch Mtg., Hex. Hd. 1/4-20x3/8					
MAX-64	2	Connector, Field Coil					8X-830	2	Nut, Switch Term., Hex. 3/8-16					
MAX-67	1	Insulation					X-1272	4	Washer, Switch Mtg., Skpf. 1/4					
MAY-12A†	2	Brush					Starter Clutch Assembly & Parts Used With							
MAY-28	1	Stud, Terminal					MAD-2087	1	Yoke					
MAY-33	1	Connector					MAX-37	1	Gasket, Dust Cover to Switch					
MAY-1007F	1	Coil, Field, U.L.					MAX-38	1	Cover, Dust					
MAY-1008A	1	Coil, Field, L.R.					MAX-39	1	Plate, Dust					
MAY-1009A	1	Coil, Field, L.L.					MAX-41	1	Bushing, Yoke Pivot, 1 1/4 L.					
MAY-1010	1	Coil, Field, U.R.					MAX-42	1	Bushing, Yoke Pivot, 1 9/16 L.					
MN-21	2	Pin, Dowel					MAX-46	1	Spring, Yoke					
8X-61	2	Screw, Brush Ground Flat Hd., #10-32x7/16					MAY-3158	1	Starter, Clutch					
12X-201	2	Lockwasher, Term. Stud, 3/8					SS-56	1	Pin, Link					
8X-830	2	Nut, Term. Stud, Hex., 3/8-16					8X-97	1	Screw, Yoke Pivot, Hex. Hd. 5/16-18x3 1/4					
MW-20A	2	Bolt, Thru					8X-147	1	Nut, Yoke Pivot, Hex. 5/16-18					
12X-199	2	Lockwasher, Thru Bolt, 1/4					8X-311	4	Screw, Dust Cover, Rd. Hd. #10-32x3/8					
Comm. End Head Assembly & Parts Used With						X-401	1	Pin, Cotter, Yoke Pin, 1/16x3/8						
MAX-2002A	1	Head Assy., Comm. End					12X-1014	1	Lockwasher, Yoke Pivot, 5/16					
MAD-110	1	Felt					X-1270	4	Washer, Dust Cover, Skpf.#10					
MZ-19	4	Spring, Brush					Miscellaneous Parts							
X-390	1	Oiler, Hinge Top Press in 1/4					MAW-24	1	Band, Cover					
Armature Assembly & Parts Used With						MN-18	1	Washer, Thrust, D.E.						
MAD-96	1	Washer, Armature Thrust, C.E.					PS-1094	1	Housing Assy., Pinion					
MAY-2030	1	Armature Assy.					MP-41A	1	Bearing, Abs. Bronze					
MAW-31	1	Spacer, Armature Shaft					8X-715	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4					
MU-54	*	Washer, Thrust, 1/32" thick					8X-794	1	Nut, Cover Band, Square #10-32 1 2 3 4 5					
MU-54A	*	Washer, Thrust, 1/64" thick					† Brush Set, Service MAY-2012AS.							
MU-54B	*	Washer, Thrust, 3/64" thick 1 2 3 4 5					* Use as required.							

Unit	Application
MAY-4147	D.W. Onan

(Issued 1-14-47)

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File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4149M STARTING MOTOR PARTS LIST

MAY-4149M

Frame & Field Assembly With Terminal Stud & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GT-20A	2	Bolt, Thru				
(MAY-3127)	1	Frame & Field Assy.				
GK-38C	4	Screw, Pole Shoe				
MAB-30	1	Insulation, Filed Connection				
MAB-31A	1	Washer, Ins., Term. Stud, Outer				
MAB-85A	1	Bushing, Ins., Term. Stud				
MAK-80A	1	Washer, Ins., Term. Stud, Inner				
MAW-13†	2	Brush, Grounded				
MAX-64	2	Connector, Field Coil				
MAX-67	1	Insulation, Field Conn. D.E				
MAY-12A†	1	Brush, Insulated				
MAY-12B†	1	Brush, Insulated				
MAY-33	1	Connector				
MAY-34A	1	Stud, Terminal				
MAY-1007R	1	Coil, Field, U.L.				
MAY-1008B	1	Coil, Field, L.R.				
MAY-1009B	1	Coil, Field, L.L.				
MAY-1010H	1	Coil, Field, U.R.				
MN-21A	2	Pin, Dowel				
MU-37G	1	Washer, Plain, Term. Stud, 5/16				
X-180	2	Nut, Term. Stud, Hex. 5/16-24				
12X-1014	2	Lockwasher, Term. Stud, 5/16				
X-2889	2	Screw, Brush Ground, Flat Hd. #10-32x7/16				
12X-199	2	Lockwasher, Thru Bolt, 1/4				

Comm. End Head Assembly & Parts Used With

MAX-3059D	1	Head Assy., Comm. End				
MAD-110	1	Felt				
MZ-19A	4	Spring, Brush				

Armature Assembly & Parts Used With

MAK-61A	1	Washer, Arm. Thrust, C.E.				
MAY-2179M	1	ARMATURE				
MU-54F	*	Washer, Arm. Thrust, C.E. 1/32" thick				
MU-54G	*	Washer, Arm. Thrust, C.E., 1/64" thick				
MU-54J	*	Washer, Arm. Thrust, C.E., .046" thick				
X-261	1	Key, Woodruff, #6				

Switch Assembly & Parts Used With

MAX-89R	1	Connector				
SSR-4001M	1	SWITCH, SOLENOID				
12X-196	1	Lockwasher, #10				
12X-1014	2	Lockwasher, 5/16				
		1	2	3	4	5

Switch Assembly & Parts(Continued)

Part No.	No. Used	Name Of Part				
		1	2	3	4	5
8X-2843	2	Nut, Hex. 5/16-24				
8X-2853	1	Nut, Hex. #10-32				
X-20	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16				
X-1270	2	Washer, Switch Mtg., Skpf. #10				

Miscellaneous Parts

EBA-87	1	BENDIX DRIVE ASSY.				
EBA-4805	1	SPRING, DRIVE				
EBA-4807	2	Plate, Spring Anchor				
EBA-4808	1	Ring, Lock				
EBA-4813	1	Spring, Anti-Drift				
EBA-4825	1	Spring, M'shing				
EBA-4833	1	Ring, Retaining				
EBA-7906	1	Pin, Locating				
EBA-8731	1	Shaft				
EBA-8732	1	Pinion				
MAB-1024N	1	Band, Cover				
MAX-80	1	Gasket, Int. Bearing				
MAX-1078	1	Int. Brg. & Oil Seal				
MN-18	1	Washer, Thrust, D.E.				
MN-18B	*	Washer, Arm. Thrust, D.E., .032" thick				
MN-18C	*	Washer, Arm. Thrust, D.E., .015" thick				
MN-18D	*	Washer, Arm. Thrust, D.E., .042" thick				
PS-1250	1	Housing Assy., Pinion				
MP-41A	1	BEARING, ABSORBENT BRONZE				
19X-933	3	Screw, Int. Brg., Flat Hd. #10-32x9/16				
X-2873	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4				
X-2875	1	Nut, Cover Band, Square #10-32				
		1	2	3	4	5

† BRUSH SET, SERVICE MAY-1012AS.

* Use as required.

UNIT	APPLICATION
MAY-4149M	Chrysler Marine

(Issued 1-19-48)

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File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4150M STARTING MOTOR PARTS LIST

MAY-4150M

Frame & Field Assembly With Terminal Stud & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GT-20A	2	Bolt, Thru				
(MAY-2127A)	1	Frame & Field Assy.				
GK-38C	4	Screw, Pole Shoe				
MAB-30	1	Insulation, Field Connection				
MAB-31A	1	Washer, Ins., Term. Stud, Outer				
MAB-85A	1	Bushing, Ins., Term. Stud				
MAK-80A	1	Washer, Ins., Term. Stud, Inner				
MAW-13†	2	Brush, Grounded				
MAX-64	2	Connector, Field Coil				
MAX-67	1	Insulation, Field Conn., D.E.				
MAY-12A†	2	Brush, Insulated				
MAY-33	1	Connector				
MAY-34A	1	Stud, Terminal				
MAY-1007R	1	Coil, Field, U.L.				
MAY-1008B	1	Coil, Field, L.R.				
MAY-1009B	1	Coil, Field, L.L.				
MAY-1010H	1	Coil, Field, U.R.				
MN-21A	2	Pin, Dowel				
MU-37G	1	Washer, Plain, Term. Stud, 5/16				
X-180	2	Nut, Term. Stud, Hex. 5/16-24				
12X-1014	2	Lockwasher, Term. Stud, 5/16				
X-2889	2	Screw, Brush Ground, Flat Hd. #10-32x7/16				
12X-199	2	Lockwasher, Thru Bolt, 1/4				

Comm. End Head Assembly & Parts Used With

MAX-2002L	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19A	4	Spring, Brush

Armature Assembly & Parts Used With

MAK-61A	1	Washer, Arm. Thrust, C.E.
MAY-2179M	1	ARMATURE
MU-54F	*	Washer, Arm. Thrust, C.E., 1/32" thick
MU-54G	*	Washer, Arm. Thrust, C.E., 1/64" thick
MU-54J	*	Washer, Arm. Thrust, C.E., .046" thick
X-261	1	Key, Woodruff, #6

Switch Assembly & Parts Used With

MAX-89R	1	Connector
SSR-4001M	1	SWITCH, SOLENOID
12X-196	1	Lockwasher, #10
12X-1014	2	Lockwasher, 5/16
		1 2 3 4 5

Switch Assembly & Parts (Continued)

Part No.	No. Used	Name Of Part				
		1	2	3	4	5
8X-2843	2	Nut, Hex. 5/16-24				
8X-2853	1	Nut, Hex. #10-32				
X-20	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16				
X-1270	2	Washer, Switch Mtg., Skpf. #10				

Miscellaneous Parts

EBA-79	1	BENDIX DRIVE ASSY.
EBA-4808	1	Ring, Lock
EBA-4833	1	Ring, Retaining
EBA-7213	1	Spring, Anti-Drift
EBA-7225	1	Spring, Meshing
EBA-7905	1	SPRING, DRIVE
EBA-7906	1	Pin, Locating
EBA-7907	2	Plate, Spring Anchor
EBA-7931	1	Shaft, Screw
EBA-7932	1	Pinion
MAB-1024N	1	Band, Cover
MAX-80	1	Gasket, Int. Bearing
MAX-1078	1	Int. Brg. & Oil Seal
MN-18	1	Washer, Thrust, D.E.
MN-18B	*	Washer, Arm. Thrust, D.E., .032" thick
MN-18C	*	Washer, Arm. Thrust, D.E., .015" thick
MN-18D	*	Washer, Arm. Thrust D.E., .042" thick
PS-1250	1	Housing Assy., Pinion
MP-41A	1	BEARING, ABSORBENT BRONZE
19X-933	1	Screw, Int. Brg., Flat Hd. #10-32x9/16
X-2873	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4
X-2875	1	Nut, Cover Band, Square #10-32
		1 2 3 4 5

† BRUSH SET, SERVICE MAY-2012AS.

* Use as required.

UNIT	APPLICATION
MAY-4150M	Chrysler (Marine)

(Issued 1-20-48)

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File in
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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4151 STARTING MOTOR PARTS LIST

MAY-4151

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(MAY-2142)	1	Frame & Field Assy.				
DK-45	1	Washer, Ins., Term. Stud				
GK-38	4	Screw, Pole Shoe				
MAB-30	1	Insulation, Field Connection				
MAW-13†	2	Brush, Grounded				
MAW-37	1	Bushing, Ins., Term. Stud				
MAW-39	1	Insulating Block				
MAW-205	1	Insulation, Switch Contact				
MAX-64	2	Connector, Field Coil				
MAX-67	1	Insulation, Field Connection D.E.				
MAY-12A †	2	Brush				
MAY-31	1	Stud, Terminal				
MAY-33	1	Connector				
MAY-1007G	1	Coil, Field, U.L.				
MAY-1008A	1	Coil, Field, L.R.				
MAY-1009A	1	Coil, Field, L.L.				
MAY-1010	1	Coil, Field, U.R.				
MN-21	2	Pin, Dowel				
SW-764	1	Contact, Switch, Lower				
8X-61	2	Screw, Brush, Ground Flat Hd., #10-32x7/16				
8X-830	1	Nut, Term. Stud, Hex. 3/8-16				
MW-20A	2	Bolt, Thru				
12X-199	2	Lockwasher, Thru Bolt, 1/4				

Comm. End Head Assembly & Parts Used With

MAX-2002	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19	4	Spring, Brush

Armature Assembly & Parts Used With

MAD-96	1	Washer, Arm. Thrust, Comm. End
MAY-2030	1	ARMATURE ASSY.
MAW-31	1	Spacer, Armature Shaft
MU-54	*	Washer, Thrust, 1/32" thick
MU-54A	*	Washer, Thrust, 1/64" thick
MU-54B	*	Washer, Thrust, 3/64" thick

Switch Assembly & Parts Used With

SW-2813	1	SWITCH, STARTER
12X-201	1	Lockwasher, 3/8
8X-830	1	Nut, Hex. 3/8-16
8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16
X-1270	2	Washer, Switch Mtg., Skpf. #10 1 2 3 4 5

Starting Clutch Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
MAD-95	1	Retainer, Yoke Spring				
MAW-161	1	Spring, Yoke				
MAW-2199	1	Yoke				
MAW-3132A	1	STARTER CLUTCH				
MAX-52	1	Pin, Yoke				
8X-179	1	Nut, Yoke Pivot, Hex. 3/8-16				
12X-201	1	Lockwasher, Yoke Pivot, 3/8				

Miscellaneous Parts

MAW-24	1	Band, Cover
MN-18	1	Washer, Thrust, D.E.
PS-1194B	1	Housing Assy., Pinion
MP-41A	1	BEARING, ABSORBENT BRONZE
8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x 1 1/2
8X-794	1	Nut, Cover Band, Sq. #10-32 1 2 3 4 5

† BRUSH SET, SERVICE MAY-2012AS

* Use as Required.

NOTE: - Part numbers shown in parenthesis are not recommended for service.

UNIT	APPLICATION
MAY-4151	Dodge (Truck)

(Issued 2-24-48)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4153 STARTING MOTOR PARTS LIST

MAY-4153
(Issued 1-13-56)

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part
MAY-2150C	1	Frame & Field Assy.
GK-38	4	Screw, Pole Shoe
MAB-30	1	Insulation, Field Connection
MAB-31	1	Washer, Ins., Term. Stud, Outer
MAB-85	1	Bushing, Ins., Term. Stud
MAK-80	1	Washer, Ins., Term. Stud, Inner
MAX-67	1	Insulation, Field Connection, D. E.
MAY-33	1	Connector
MAY-34	1	Stud, Terminal
MAY-2012ES	1	BRUSH SET
MAY-3005BS	1	FIELD COIL PACKAGE
MAX-64	2	Connector, Field Coil
MAY-1007F	1	Coil, Field, U. L.
MAY-1008A	1	Coil, Field, L. R.
MAY-1009A	1	Coil, Field, L. L.
MAY-1010	1	Coil, Field, U. R.
MN-21	2	Pin, Dowel
MU-37	1	Washer, Plain, Term. Stud, 5/16
8X-61	2	Screw, Br. Ground, Flat Hd. #10-32x7/16
12X-1014	2	Lockwasher, Term. Stud, 5/16
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24
MW-20A	2	Bolt, Thru
12X-199	2	Lockwasher, Thru Bolt, 1/4

Comm. End Head Assembly & Parts Used With

MAX-2002CS	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19	4	Spring, Brush
X-390	1	Oiler

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part
MAK-61	1	Washer, Thrust, Comm. End
MAY-2217	1	ARMATURE
MU-54	2	Washer, Thrust, C. E. & D. E., 1/32" Thick

Miscellaneous Parts

MAC-1062	1	Head Assy., Drive End
MAB-124	1	BEARING, ABS. BRONZE
MAW-24	1	Band, Cover
X-489	1	Oiler
8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
8X-794	1	Nut, Cover Band, Square #10-32

UNIT	APPLICATION
MAY-4153	Meyer Products

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4154 STARTING MOTOR PARTS LIST

MAY-4154
(Issued 6-28-56)

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part
MAY-2166	1	Frame & Field Assy.
GK-38	4	Screw, Pole Shoe
MAB-30	1	Insulation, Field Connection
MAB-31	1	Washer, Ins., Term. Stud, Outer
MAB-85	1	Bushing, Ins., Term. Stud
MAK-80	1	Washer, Ins., Term. Stud, Inner
MAX-67	1	Insulation, Field Conn., D. E.
MAY-33	1	Connector, Brush
MAY-34	1	Stud, Terminal
MAY-2012AS	1	BRUSH SET
MAY-3005BS	1	FIELD COIL PACKAGE
MAX-64	2	Connector, Field Coil
MAY-1007F	1	Coil, Field, U. L.
MAY-1008A	1	Coil, Field, L. R.
MAY-1009A	1	Coil, Field, L. L.
MAY-1010	1	Coil, Field, U. R.
MN-21	2	Pin, Dowel
MU-37	1	Washer, Plain, Term. Stud, 5/16
8X-61	2	Screw, Br. Ground, Flat Hd. 10-32x7/16
12X-1014	2	Lockwasher, Term. Stud, 5/16
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24
MW-20A	2	Bolt, Thru
12X-199	2	Lockwasher, Thru Bolt, 1/4

Comm. End Head Assembly & Parts Used With

MAX-2002	1	Head Assy., Comm. End
MAD-110	1	Felt
MZ-19	4	Spring, Brush

Armature Assembly & Parts Used With

MAK-61	1	Washer, Thrust, Comm. End
MAY-2181	1	ARMATURE
MU-54	2	Washer, Thrust, C. E. & Int., 1/32" Thick
X-261	1	Key, Woodruff, D. E., 6

Switch Assembly & Parts Used With

Part No.	No. Used	Name of Part
MAX-140R	1	Connector
SS-4003	1	SOLENOID STARTING SWITCH
8X-173	1	Nut, Hex. 10-32
12X-196	1	Lockwasher, 10
8X-832	2	Nut, Hex. 5/16-24
12X-1014	2	Lockwasher, 5/16
8X-321	2	Screw, Switch Mtg., Rd. Hd. 10-32x5/16
X-1270	2	Washer, Switch Mtg. Sc., Skpf. 10

Miscellaneous Parts

EB-87	1	BENDIX DRIVE ASSY.
EB-108	2	Lockwasher
EB-7806	1	Screw, Spring, Head
EB-7807	1	Screw, Spring, Shaft
EB-7819S	1	Sleeve, Compression
EB-8503	1	Head, Drive
EB-8705	1	SPRING, DRIVE
EB-8711	1	Shaft & Pinion
MAW-24	1	Band, Cover
MAW-2129	1	Bearing Assy., Intermediate
MAW-130	1	BEARING, ABS. BRONZE
PS-1211B	1	Housing Assy., Pinion
MAW-131	1	Pin, Dowel
MP-41A	1	BEARING, ABS. BRONZE
8X-714	1	Screw, Cover Band, Rd. Hd. 10-32x1 1/2
8X-794	1	Nut, Cover Band, Square 10-32

UNIT	APPLICATION
MAY-4154	Jaeger

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4201 STARTING MOTOR PARTS LIST

MAY-4201

Frame & Field Assembly & Parts Used With			Comm. End Head Assembly & Parts Used With		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
(MAY-2150A)	1	Frame & Field Assy.	MAX-2002CS	1	Head Assy., Comm. End
GK-38	4	Screw, Pole Shoe	MAD-110	1	Felt
MAB-30	1	Insulation, Field Connection	MZ-19	4	Spring, Brush
MAB-31	1	Washer, Ins., Term. Stud, Outer	X-390	1	Oiler
MAB-85	1	Bushing, Ins., Term. Stud	<u>Armature Assembly & Parts Used With</u>		
MAK-80	1	Washer, Ins., Term. Stud, Inner	MAK-61	1	Washer, Thrust, C.E.
MAX-67	1	Insulation, Field Connector, D.E.	MAY-2162	1	ARMATURE
MAY-12D†	2	Brush	MU-54	1	Washer, Thrust 1/32" Thick
MAY-13†	2	Brush, Grounded	<u>Miscellaneous Parts</u>		
MAY-33	1	Connector, Brush	MAW-24	1	Band, Cover
MAY-34	1	Stud, Terminal	8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
MAY-3005BS	1	FIELD COIL PACKAGE	8X-794	1	Nut, Cover Band, Square, #10-32
MAX-64	2	Connector, Field Coil	† BRUSH SET, SERVICE MAY-2012BS.		
MAY-1007F	1	Coil, Field, U.L.			
MAY-1008A	1	Coil, Field, L.R.			
MAY-1009A	1	Coil, Field, L.L.			
MAY-1010	1	Coil, Field, U.R.			
MN-21	2	Pin, Dowel			
MU-37	1	Washer, Plain, Term. Stud, 5/16			
8X-61	2	Screw, Brush Ground, Flat Hd. #10-32x7/16			
12X-1014	2	Lockwasher, Term. Stud, 5/16			
8X-1376	2	Nut, Term. Stud, Hex. 5/16-24			
MW-20A	2	Bolt, Thru			
12X-199	2	Lockwasher, Thru Bolt, 1/4			

UNIT	APPLICATION
MAY-4201	Yale & Towne, Lewis Sheppard

(Issued 4-18-50)

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File in
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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MAY-4301 STARTING MOTOR PARTS LIST

MAY-4301

Frame & Field Assembly & Parts Used With			Switch Assembly & Parts Used With		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
GJ-20	2	Bolt, Thru	SS-6R	1	Connector, Switch to Motor
(MAY-2156)	1	Frame & Field Assy.	SSK-4005	1	SWITCH, STARTING
GK-38	4	Screw, Pole Shoe	12X-196	1	Lockwasher, #10
MAB-30	1	Insulation, Field Connection	8X-832	2	Nut, Hex., 5/16-24
MAB-31	1	Washer, Ins., Term. Stud, Outer	12X-1014	2	Lockwasher, 5/16
MAB-85	1	Bushing, Ins., Term. Stud	8X-173	1	Nut, Hex., #10-32
MAK-80	1	Washer, Ins., Term. Stud, Inner	8X-321	2	Screw, Switch Mtg., Rd. Hd. #10-32x5/16
MAX-67	1	Insulation, Field Connection, D.E.	X-1270	2	Washer, Switch Mtg., Sc., Skpf. #10
MAY-12D†	2	Brush	<u>Miscellaneous Parts</u>		
MAY-13 †	2	Brush, Grounded	MAC-1058B	1	Head Assy., Drive End
MAY-33	1	Connector	MAB-49A	1	BEARING, ABSORBENT BRONZE
MAY-34	1	Stud, Terminal	MAW-24	1	Band, Cover
MAY-3005BS	1	FIELD COIL PACKAGE	X-489	1	Oiler
MAX-64	2	Connector, Field Coil	8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
MAY-1007F	1	Coil, Field, U.L.	8X-794	1	Nut, Cover Band, Square #10-32
MAY-1008A	1	Coil, Field, L.R.	† BRUSH SET, SERVICE MAY-2012BS.		
MAY-1009A	1	Coil, Field, L.L.			
MAY-1010	1	Coil, Field, U.R.			
MN-21	2	Pin, Dowel			
MU-37	1	Washer, Plain, Term. Stud, 5/16			
8X-61	2	Screw, Brush Ground Flat Hd. #10-32x7/16			
12X-1014	2	Lockwasher, Term. Stud, 5/16			
8X-1376	2	Nut, Term. Stud, Hex., 5/16-24			
12X-199	2	Lockwasher, Thru Bolt, 1/4			
<u>Comm. End Head Assembly & Parts Used With</u>					
MAX-2002CS	1	Head Assy., Comm. End			
MAD-110	1	Felt			
MZ-19	4	Spring, Brush			
X-390	1	Oiler			
<u>Armature Assembly & Parts Used With</u>					
MAK-61	1	Washer, Thrust, Comm. End			
MAY-2184	1	ARMATURE ASSY.			
MAB-35	1	Spacer, Bearing Thrust			
MU-54	2	Washer, Thrust, 1/32" Thick			
X-264	1	Key, Woodruff, #9			

UNIT	APPLICATION
MAY-4301	Lewis Sheppard

(Issued 3-6-50)

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