

THE ELECTRIC AUTO-LITE COMPANY

TOLEDO, OHIO

PARTS LIST SPECIAL LETTER

Date July 1, 1954

Pages 2 Page No. 1

Serial No. PL-6

SUBJECT: Windshield Wiper Modification Kits

Supersedes _____

The following is a list of the windshield wiper modification kits used on the 1953 models of Chrysler, De Soto, Dodge and Plymouth cars.

Model	Wiper	Kit No.	Consists of		
D44, D46	EME-4001A EMG-4001A EWJ-4008A	STA-63	1	EWJ-43L	Gear
			1	EWJ-43R	Gear
			2	EWJ-2072	Crank Arm
			2	EWY-1116D	Pivot
			1	EMG-1109L	Link, Left
			1	EMG-1110R	Link, Right
			8	EWJ-131	Felt Washer
			2	EWY-108	Gasket
			2	EWY-109	Gasket
			1	EMG-20	Thru Bolt
			1	S-283	Instruction Sheet
D47, D48 P24	EWJ-4008A EME-4001A EMG-4001A EMG-4001 EMG-4001B	STA-64	1	EWJ-43L	Gear
			1	EWJ-43R	Gear
			2	EWJ-2072	Crank Arm
			2	EWY-1085E	Pivot
			1	EWJ-1162LA	Link
			1	EWJ-1162RA	Link
			8	EWJ-131	Felt Washer
			2	EWY-108	Gasket
			2	EWY-109	Gasket
			1	EMG-20	Thru Bolt
			1	S-283	Instruction Sheet
D47, D48	EMG-4101A	STA-65	1	EWR-43	Gear
			1	EWR-43R	Gear
			2	EMG-2072	Crank Arm
			2	EWY-1085E	Pivot
			1	EWJ-1162LA	Link
			1	EWJ-1162RA	Link
			8	EWJ-131	Felt Washer
			2	EWY-108	Gasket
			2	EWY-109	Gasket
			1	EMG-20	Thru Bolt
1	S-283	Instruction Sheet			

Model	Wiper	Kit No.	Consists of		
D44, D46	EMG-4101A	STA-66	1	EWR-43	Gear
			1	EWR-43R	Gear
			2	EMG-2072	Crank Arm
			2	EWY-1116D	Pivot
			1	EMG-1109L	Link, Left
			1	EMG-1110R	Link, Right
			8	EWJ-131	Felt Washer
			2	EWY-108	Gasket
			2	EWY-109	Gasket
			1	EMG-20	Thru Bolt
			1	S-283	Instruction Sheet
C56, C58, C60	EWJ-4008	STA-67	1	EWJ-43L	Gear
	EME-4001		1	EWJ-43R	Gear
	EMG-4001		2	EWJ-2072	Crank Arm
S16, S18	EWJ-4008A		2	EWY-1117B	Pivot
	EME-4001A		2	EWJ-1167	Link
	EMG-4001A		8	EWJ-131	Felt Washer
			2	EWY-108	Gasket
			2	EWY-109	Gasket
			1	EMG-20	Thru Bolt
			1	S-283	Instruction Sheet
C56, C58, C60	EMG-4101	STA-68	1	EWR-43	Gear
S16, S18	EMG-4101A		1	EWR-43R	Gear
			2	EMG-2072	Crank Arm
			2	EWY-1117B	Pivot
			2	EWJ-1167	Link
			8	EWJ-131	Felt Washer
			2	EWY-108	Gasket
			2	EWY-109	Gasket
			1	EMG-20	Thru Bolt
			1	S-283	Instruction Sheet

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 9-14-53)

Name of Part	No. Used	EMD-4001	EMD-4001A	EMD-4001B
Armature	1	EMD-2006	EMD-2006	EMD-2006
Bolt, Thru	2	EWJ-20	EWJ-20	EWJ-20
Bracket Assy., Comm. End	1	EWY-1084A	EWY-1084A	EWY-1084A
Eyelet	2	EMD-41	EMD-41	EMD-41
Grommet	2	EMD-40	EMD-40	EMD-40
Bracket & Switch Assy., Drive End	1	EWY-2082B	EWY-2082B	EWY-2082B
Eyelet	1	EMD-41	EMD-41	EMD-41
Grommet	1	EMD-40	EMD-40	EMD-40
Cover, Switch	1	EWY-55	EWY-55	EWY-55
Crank Arm Assy., Short	1	EWY-1071	EWY-1071	EWY-1071
Frame & Field Assy.	1	EMD-2001	EMD-2001	EMD-2001
Coil Assy. Field, Complete	1	EMD-1005	EMD-1005	EMD-1005
Insulation, Field Connection	1	EWR-23	EWR-23	EWR-23
Screw, Pole Shoe	2	8X-1521	8X-1521	8X-1521
Gasket, Switch Cover	1	EWR-51	EWR-51	EWR-51
Gear, Left Hand	1	EWR-43	EWR-43	EWR-43
Head Assy., Comm. End	1	EMD-2002A	EMD-2002A	EMD-2002A
Brush	2	EMG-12	EMG-12	EMG-12
Head Assy., Drive End	1	EWY-2003A	EWY-2003A	EWY-2003A
Key, Gear	1	EWJ-40	EWJ-40	EWJ-40
Lead Assy.	1	EWR-75D	EWR-75B	EWR-75C
Lockwasher, Thru Bolt & Gear Sc., #10	3	12X-196	12X-196	12X-196
Nut, Gear, Hex. #10-32	1	X-173	X-173	X-173
Plate, Gear	1	EWY-57	EWY-57	EWY-57
Screw, Switch Cover, Fill. Hd. #8-32x3/8	4	8X-3094	8X-3094	8X-3094
Spring, Brush	2	EFW-18	EFW-18	EFW-18
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWR-81	EWR-81	EWR-81
Washer, Arm. Thrust, D. E., 1/32" Thick	1	EWR-81A	EWR-81A	EWR-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWR-81A	EWR-81A	EWR-81A
Washer, Arm. Thrust, D. E., .023" Thick	*	EWR-81B	EWR-81B	EWR-81B
Washer, Arm. Thrust, D. E., .010" Thick	*	EWR-81F	EWR-81F	EWR-81F
Washer, Spring, Crank Arm	1	EWY-29	EWY-29	EWY-29
Washer, Spring, Armature Thrust	1	EWY-30	EWY-30	EWY-30
Washer, Thrust, Crank Arm	1	EWJ-45A	EWJ-45A	EWJ-45A

* Used as required.

UNIT	APPLICATION
EMD-4001	Dodge 6, Plymouth
EMD-4001A	Dodge 6
EMD-4001B	Plymouth

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER (Issued 9-14-53)

Name of Part	No. Used	EMD-5001	EMD-5001A	EMD-5001B
Crank Arm Assy. , Long	1	EWY-1073	EWY-1070	EWY-1073
Link, Left	1	EWY-1098L	EWY-1097L	EWY-1098L
Link, Right	1	EWY-1098R	EWY-1097R	EWY-1098R
Lockwasher, Crank Arm, 1/4	1	12X-3074	12X-3074	12X-3074
Nut, Crank Arm, Hex. 1/4-28	1	8X-1063	8X-1063	8X-1063
Retainer	1	EWD-115	EWD-115	EWD-115
Washer, Brass	1	EWJ-132	EWJ-132	EWJ-132
Washer, Felt, 15/64" Hole	2	EWJ-131	EWJ-131	EWJ-131
Washer, Felt, 23/64" Hole	2	EWY-62	EWY-62	EWY-62
Wiper Motor (See Separate List for Parts)	1	EMD-4001	EMD-4001A	EMD-4001B

UNIT	APPLICATION
EMD-5001	Dodge 6, Plymouth
EMD-5001A	Dodge 6
EMD-5001B	Plymouth

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 9-14-53)

Name of Part	No. Used	EMD-4002	EMD-4002A	EMD-4002B
Armature	1	EMD-2006	EMD-2006	EMD-2006
Bolt, Thru	2	EWJ-20	EWJ-20	EWJ-20
Bracket Assy., Comm End	1	EWY-1084A	EWY-1084A	EWY-1084A
Eyelet	2	EMD-41	EMD-41	EMD-41
Grommet	2	EMD-40	EMD-40	EMD-40
Bracket & Switch Assy., Drive End	1	EWY-2082B	EWY-2082B	EWY-2082B
Eyelet	1	EMD-41	EMD-41	EMD-41
Grommet	1	EMD-40	EMD-40	EMD-40
Cover, Switch	1	EWY-55	EWY-55	EWY-55
Crank Arm Assembly, Short	1	EMD-1046	EMD-1046	EMD-1046
Frame & Field Assembly	1	EMD-2001	EMD-2001	EMD-2001
Coil Assembly, Field, Complete	1	EMD-1005	EMD-1005	EMD-1005
Insulation, Field Connection	1	EWY-23	EWY-23	EWY-23
Screw, Pole Shoe	2	8X-1521	8X-1521	8X-1521
Gasket, Switch Cover	1	EWY-51	EWY-51	EWY-51
Gear, Left Hand	1	EWY-43	EWY-43	EWY-43
Head Assembly, Comm. End	1	EMD-2002A	EMD-2002A	EMD-2002A
Brush	2	EMG-12	EMG-12	EMG-12
Head Assembly, Drive End	1	EWY-2003A	EWY-2003A	EWY-2003A
Key, Gear	1	EWJ-40	EWJ-40	EWJ-40
Lead Assembly	1	EWY-75D	EWY-75B	EWY-75C
Lockwasher, Thru Bolt & Gear Sc., #10	3	12X-196	12X-196	12X-196
Nut, Gear, Hex. #10-32	1	X-173	X-173	X-173
Plate, Gear	1	EWY-57	EWY-57	EWY-57
Screw, Switch Cover, Fill. Hd. #8-32x3/8	4	8X-3094	8X-3094	8X-3094
Spring, Brush	2	EWY-18	EWY-18	EWY-18
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWY-81	EWY-81	EWY-81
Washer, Arm. Thrust, D. E., 1/32" Thick	1	EWY-81A	EWY-81A	EWY-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWY-81A	EWY-81A	EWY-81A
Washer, Arm. Thrust, D. E., .023" Thick	*	EWY-81B	EWY-81B	EWY-81B
Washer, Arm. Thrust, D. E., .010" Thick	*	EWY-81F	EWY-81F	EWY-81F
Washer, Spring, Crank Arm	1	EWY-29	EWY-29	EWY-29
Washer, Spring, Armature Thrust	1	EWY-30	EWY-30	EWY-30
Washer, Thrust, Crank Arm	1	EWY-45A	EWY-45A	EWY-45A

* Used as required.

UNIT	APPLICATION
EMD-4002	Dodge 6
EMD-4002A	Dodge 6
EMD-4002B	Dodge 6 (Export), Plymouth, Dodge 6

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
(Issued 9-15-53)

Name of Part	No. Used	EMD-5002	EMD-5002A	EMD-5002B	EMD-5002C
Crank Arm Assy. , Long	1	EMD-1045	EMD-1044	EMD-1045	EMD-1044
Link, Left	1	EWY-1098LA	EWY-1097LA	EWY-1098LA	EWY-1097LA
Link, Right	1	EWY-1098RA	EWY-1097RA	EWY-1098RA	EWY-1110R
Lockwasher, Crank Arm, Skpf. 1/4	1	X-1745	X-1745	X-1745	X-1745
Nut, Crank Arm, Hex. 1/4-28	1	8X-1063	8X-1063	8X-1063	8X-1063
Retainer	1	EWD-115	EWD-115	EWD-115	EWD-115
Washer, Brass	1	EWJ-132	EWJ-132	EWJ-132	EWJ-132
Washer, Felt, 3/8" Hole	2	EMD-47	EMD-47	EMD-47	EMD-47
Washer, Felt, 15/64" Hole	2	EWJ-131	EWJ-131	EWJ-131	EWJ-131
Wiper Motor (See Separate List for Parts)	1	EMD-4002	EMD-4002A	EMD-4002B	EMD-4002A

UNIT	APPLICATION
EMD-5002	Dodge 6
EMD-5002A	Dodge 6
EMD-5002B	Plymouth
EMD-5002C	Dodge 6 (Export)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 9-14-53)

Name of Part	No. Used	EMD-4003	EMD-4003A	EMD-4003B
Armature	1	EMD-2006	EMD-2006	EMD-2006
Bolt, Thru	2	EWJ-20	EWJ-20	EWJ-20
Bracket Assembly, Comm. End	1	EWY-1084B	EWY-1084B	EWY-1084B
Grommet	2	EMG-40	EMG-40	EMG-40
Bracket & Switch Assembly, Drive End	1	EWY-2082C	EWY-2082C	EWY-2082C
Grommet	1	EMG-40	EMG-40	EMG-40
Cover, Switch	1	EWY-55	EWY-55	EWY-55
Crank Arm Assembly, Short	1	EMD-1046	EMD-1046	EMD-1046
Frame & Field Assembly	1	EMD-2001	EMD-2001	EMD-2001
Coil Assembly, Field, Complete	1	EMD-1005	EMD-1005	EMD-1005
Insulation, Field Connection	1	EWR-23	EWR-23	EWR-23
Screw, Pole Shoe	2	8X-1521	8X-1521	8X-1521
Gasket, Switch Cover	1	EWR-51	EWR-51	EWR-51
Gear, Left Hand	1	EWR-43	EWR-43	EWR-43
Head Assembly, Comm. End	1	EMD-2002A	EMD-2002A	EMD-2002A
Brush	2	EMG-12	EMG-12	EMG-12
Head Assembly, Drive End	1	EWY-2003A	EWY-2003A	EWY-2003A
Key, Gear	1	EWJ-40	EWJ-40	EWJ-40
Lead Assembly	1	EWR-75D	EWR-75B	EWR-75C
Lockwasher, Thru Bolt & Gear Screw #10	3	12X-196	12X-196	12X-196
Nut, Gear, Hex. #10-32	1	X-173	X-173	X-173
Plate, Gear	1	EWY-57	EWY-57	EWY-57
Screw, Switch Cover, Fill. Hd. #8-32x3/8	4	8X-3094	8X-3094	8X-3094
Spring, Brush	2	EFW-18	EFW-18	EFW-18
Washer, Arm. Thrust, D. E. 1/64" Thick	*	EWR-81	EWR-81	EWR-81
Washer, Arm. Thrust, D. E. 1/32" Thick	1	EWR-81A	EWR-81A	EWR-81A
Washer, Arm. Thrust, D. E. 1/32" Thick	*	EWR-81A	EWR-81A	EWR-81A
Washer, Arm. Thrust, D. E. .023" Thick	*	EWR-81B	EWR-81B	EWR-81B
Washer, Arm. Thrust, D. E. .010" Thick	*	EWR-81F	EWR-81F	EWR-81F
Washer, Spring, Crank Arm	1	EWY-29	EWY-29	EWY-29
Washer, Spring, Armature Thrust	1	EWY-30	EWY-30	EWY-30
Washer, Thrust, Crank Arm	1	EWJ-45A	EWJ-45A	EWJ-45A

* Use as required.

UNIT	APPLICATION
EMD-4003	Dodge 6
EMD-4003A	Dodge 6
EMD-4003B	Dodge 6, Plymouth, DeSoto 6 (Export)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER (Issued 9-15-53)

Name of Part	No. Used	EMD-5003	EMD-5003A	EMD-5003B	EMD-5003C	EMD-5003D
Crank Arm Assy. , Long	1	EMD-1045	EMD-1044	EMD-1045	EMD-1044	EMD-1044
Link, Left	1	EWY-1098LA	EWY-1097LA	EWY-1098LA	EMD-3050L	EWY-1097LA
Link, Right	1	EWY-1098RA	EWY-1110R	EWY-1098RA	EMD-3049R	EWY-1097RA
Lockwasher, Crank Arm, Skpf. 1/4	1	X-1745	X-1745	X-1745	X-1745	X-1745
Nut, Crank Arm, Hex. 1/4-28	1	8X-1063	8X-1063	8X-1063	8X-1063	8X-1063
Retainer	1	EWD-115	EWD-115	EWD-115	EWD-115	EWD-115
Washer, Brass	1	EWJ-132	EWJ-132	EWJ-132		EWJ-132
Washer, Felt, 3/8" Hole	2	EMD-47	EMD-47	EMD-47		EMD-47
Washer, Felt, 15/64" Hole	2	EWJ-131	EWJ-131	EWJ-131		EWJ-131
Wiper Motor (See Separate List for Parts)	1	EMD-4003	EMD-4003A	EMD-4003B	EMD-4003A	EMD-4003A

UNIT	APPLICATION
EMD-5003	Dodge 6
EMD-5003A	Dodge 6, Dodge 6 (Export)
EMD-5003B	Plymouth, Dodge 6 (Canada), DeSoto 6 (Export)
EMD-5003C	Dodge 6
EMD-5003D	Dodge 6

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 12-9-52)

Name of Part	No. Used	EME-4001	EME-4001A
Arm, Crank	2	EWJ-2071	EWJ-2071
Armature	1	EME-2006	EME-2006
Bolt, Thru	2	EWJ-20	EWJ-20
Bracket & Cover Assy., Mounting	1	EWJ-1158	EWJ-1158
Eyelet	2	EWY-94	EWY-94
Grommet	2	EWY-42	EWY-42
Bracket & Switch Assy., Mounting	1	EWJ-2154	EWJ-2154
Eyelet	1	EWY-94	EWY-94
Grommet	1	EWY-42	EWY-42
Cover, Switch	1	EWJ-159	EWJ-159
Frame & Field Assy.	1	EME-2001	EME-2001
Coil Assy., Field, Complete	1	EMD-1005	EMD-1065
Insulation, Field Connection	1	EWR-23	EWR-23
Screw, Pole Shoe	2	8X-1521	8X-1521
Gasket, Cover Plate	2	EWJ-51	EWJ-51
Gear, Left Hand	1	EWJ-43L	EWJ-43L
Gear, Right Hand	1	EWJ-43R	EWJ-43R
Head Assy., Comm. End	1	EWJ-2002A	EWJ-2002A
Brush	2	EWD-12	EWD-12
Head Assy., Drive End	1	EWJ-2003A	EWJ-2003A
Grommet	1	EC-41	EC-41
Key, Gear	2	EWJ-40	EWJ-40
Lead Assy.	1	EMG-75A	EMG-75
Lockwasher, Thru Bolt, #10	2	12X-196	12X-196
Lockwasher, Cover Sc. #8	8	12X-195	12X-195
Lockwasher, Gear Screw, 1/4	2	12X-3074	12X-3074
Nut, Gear, Hex. 1/4-20	2	X-3075	X-3075
Plate, Gear	1	EWJ-155	EWJ-155
Screw, Cover, Fill. Hd. #8-32x5/16	8	8X-888	8X-888
Sleeve, Ins., Lead Connection	1	EWJ-156	EWJ-156
Spring, Brush	2	EW-18	EW-18
Tube, Insulating	1	EMG-78	EMG-78
Washer, Arm. Thrust, D.E. 1/64" Thick	*	EWJ-81	EWJ-81
Washer, Arm. Thrust, D.E. & C.E. 1/32" Thick	2	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D.E. 1/32" Thick	*	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D.E. .023" Thick	*	EWJ-81B	EWJ-81B
Washer, Gear	1	EWJ-47	EWJ-47
Washer, Spring, Crank Arm	2	EWJ-39	EWJ-39
Washer, Thrust, Crank Arm	4	EWJ-45	EWJ-45

* Used as required.

UNIT	APPLICATION
EME-4001	Chrysler (6), (8)
EME-4001A	De Soto (6), (8), Dodge (8)



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 12-9-52)

Name of Part	No. Used	EMF-4001
Arm, Crank	2	EWJ-2071
Armature	1	EMF-2006
Bolt, Thru	2	EWJ-20
Bracket & Cover Assy., Mounting	1	EWJ-1158
Eyelet	2	EWY-94
Grommet	2	EWY-42
Bracket & Switch Assy., Mounting	1	EWJ-2154
Eyelet	1	EWY-94
Grommet	1	EWY-42
Cover, Switch	1	EWJ-159
Frame & Field Assy.	1	EMF-2001
Coil Assy., Field, Complete	1	EMF-1005
Insulation, Field Connection	1	EWR-23
Screw, Pole Shoe	2	8X-1521
Gasket, Cover Plate	2	EWJ-51
Gear, Left Hand	1	EWJ-43L
Gear, Right Hand	1	EWJ-43R
Head Assy., Comm. End	1	EWJ-2002A
Brush	1	EWD-12
Head Assy., Drive End	1	EWJ-2003A
Grommet	1	EC-41
Key, Gear	2	EWJ-40
Lead Assy.	1	EMG-75A
Lockwasher, Thru Bolt, #10	2	12X-196
Lockwasher, Cover Sc., #8	8	12X-195
Lockwasher, Gear Screw, 1/4	2	12X-3074
Nut, Gear, Hex. 1/4-20	2	X-3075
Plate, Gear	1	EWJ-155
Screw, Cover, Fill. Hd. #8-32x5/16	8	8X-888
Sleeve, Ins., Lead Connection	1	EWJ-156
Spring, Brush	2	EW-18
Tube, Insulating	1	EMG-78
Washer, Arm. Thrust, D.E. 1/64" Thick	*	EWJ-81
Washer, Arm. Thrust, D.E. & C.E. 1/32" Thick	2	EWJ-81A
Washer, Arm. Thrust, D.E. 1/32" Thick	*	EWJ-81A
Washer, Arm. Thrust, D.E. .023" Thick	*	EWJ-81B
Washer, Gear	1	EWJ-47
Washer, Spring, Crank Arm	2	EWJ-39
Washer, Thrust, Crank Arm	4	EWJ-45

* Used as required

UNIT	APPLICATION
EMF-4001	Chrysler 8 (12V)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 9-15-53)

Name of Part	No. Used	EMG-4001	EMG-4001A	EMG-4001B
Arm, Crank	2	EWJ-2071	EWJ-2071	EWJ-2071
Armature	1	EMG-2006	EMG-2006	EMG-2006
Bolt, Thru	2	EWJ-20	EWJ-20	EWJ-20
Bracket & Cover Assembly, Mounting	1	EWJ-1158A	EWJ-1158A	EWJ-1158A
Eyelet	2	EMD-41	EMD-41	EMD-41
Grommet	2	EMD-40	EMD-40	EMD-40
Bracket & Switch Assembly, Mounting	1	EWJ-2154A	EWJ-2154A	EWJ-2154A
Eyelet	1	EMD-41	EMD-41	EMD-41
Grommet	1	EMD-40	EMD-40	EMD-40
Cover, Switch	1	EWJ-159	EWJ-159	EWJ-159
Frame & Field Assembly	1	EME-2001	EME-2001	EME-2001
Coil Assembly, Field, Complete	1	EMG-1005	EMG-1005	EMG-1005
Insulation, Field Coil	1	EMG-163	EMG-163	EMG-163
Coil, Field	1	EMG-1007	EMG-1007	EMG-1007
Coil, Field, Grounded	1	EMG-1008	EMG-1008	EMG-1008
Screw, Pole Shoe	2	8X-1521	8X-1521	8X-1521
Gasket, Cover Plate	2	EWJ-51	EWJ-51	EWJ-51
Gear, Left Hand	1	EWJ-43L	EWJ-43L	EWJ-43L
Gear, Right Hand	1	EWJ-43R	EWJ-43R	EWJ-43R
Head Assembly, Comm. End	1	EWJ-2002C	EWJ-2002C	EWJ-2002C
Brush	2	EMG-12	EMG-12	EMG-12
Head Assembly, Drive End	1	EWJ-2003A	EWJ-2003A	EWJ-2003A
Grommet	1	EWJ-19	EWJ-19	EWJ-19
Key, Gear	2	EWJ-40	EWJ-40	EWJ-40
Lead Assembly	1	EMG-76A	EMG-75	EMG-76B
Lockwasher, Thru Bolt, #10	2	12X-196	12X-196	12X-196
Lockwasher, Cover Screw, #8	8	12X-195	12X-195	12X-195
Lockwasher, Gear Screw, 1/4	2	12X-3074	12X-3074	12X-3074
Nut, Gear, Hex. 1/4-20	2	X-3075	X-3075	X-3075
Plate, Gear	1	EWJ-155	EWJ-155	EWJ-155
Screw, Cover, Fill. Hd. #8-32x5/16	8	8X-888	8X-888	8X-888
Sleeve, Ins., Lead Connection	1	EWJ-156	EWJ-156	EWJ-156
Spring, Brush	2	EMG-18	EMG-18	EMG-18
Tube, Insulating	1	EMG-78	EMG-78	EMG-78
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWJ-81	EWJ-81	EWJ-81
Washer, Arm. Thrust, C. E., 1/32" Thick	2	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., .023" Thick	*	EWJ-81B	EWJ-81B	EWJ-81B
Washer, Gear	1	EWJ-47	EWJ-47	EWJ-47
Washer, Spring, Crank Arm	2	EWJ-39	EWJ-39	EWJ-39
Washer, Thrust, Crank Arm	4	EWJ-45	EWJ-45	EWJ-45

* Use as required.

UNIT	APPLICATION
EMG-4001	Chrysler (6), (8)
EMG-4001A	De Soto (6), (8), Dodge (6), (8)
EMG-4001B	Plymouth, Dodge (6) (Canada)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER (Issued 9-15-53)

Name of Part	No. Used	EMG-5001B
Link, Left	1	EWJ-1162L
Link, Right	1	EWJ-1162R
Retainer	2	EWD-115
Washer, Brass	2	EWJ-132
Washer, Felt, 15/64" Hole	4	EWJ-131
Wiper Motor (See Separate List for Parts)	1	EMG-4001B

UNIT	APPLICATION
EMG-5001B	Plymouth, Dodge 6 (Canada)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 9-15-53)

Name of Part	No. Used	EMG-4101	EMG-4101A	EMG-4101B
Arm, Crank	2	EMG-2071	EMG-2071	EMG-2071
Armature	1	EMG-2006	EMG-2006	EMG-2006
Bolt, Thru	2	EWJ-20	EWJ-20	EWJ-20
Bracket & Cover Assembly, Mounting	1	EWJ-1158A	EWJ-1158A	EWJ-1158A
Eyelet	2	EMD-41	EMD-41	EMD-41
Grommet	2	EMD-40	EMD-40	EMD-40
Bracket & Switch Assembly, Mounting	1	EWJ-2154B	EWJ-2154B	EWJ-2154B
Eyelet	1	EMD-41	EMD-41	EMD-41
Grommet	1	EMD-40	EMD-40	EMD-40
Cover, Switch	1	EWJ-159	EWJ-159	EWJ-159
Frame & Field Assembly	1	EME-2001	EME-2001	EME-2001
Coil Assembly, Field, Complete	1	EMG-1005	EMG-1005	EMG-1005
Insulation, Field Coil	1	EMG-163	EMG-163	EMG-163
Coil, Field	1	EMG-1007	EMG-1007	EMG-1007
Coil, Field, Grounded	1	EMG-1008	EMG-1008	EMG-1008
Screw, Pole Shoe	2	8X-1521	8X-1521	8X-1521
Gasket, Cover Plate	2	EWJ-51	EWJ-51	EWJ-51
Gear, Left Hand	1	EWR-43	EWR-43	EWR-43
Gear, Right Hand	1	EWR-43R	EWR-43R	EWR-43R
Head Assembly, Comm. End	1	EMG-2002A	EMG-2002A	EMG-2002A
Brush	2	EMG-12	EMG-12	EMG-12
Head Assembly, Drive End	1	EMG-2003A	EMG-2003A	EMG-2003A
Grommet	1	EWJ-19	EWJ-19	EWJ-19
Key, Gear	2	EWJ-40	EWJ-40	EWJ-40
Lead Assembly	1	EMG-75A	EMG-75	EMG-75B
Lockwasher, Thru Bolt, #10	2	12X-196	12X-196	12X-196
Lockwasher, Cover Screw, #8	8	12X-195	12X-195	12X-195
Lockwasher, Gear Screw, 1/4	2	12X-3074	12X-3074	12X-3074
Nut, Gear, Hex. 1/4-20	2	X-3075	X-3075	X-3075
Plate, Gear	1	EWJ-155	EWJ-155	EWJ-155
Screw, Cover, Fill. Hd. #8-32x5/16	8	8X-888	8X-888	8X-888
Sleeve, Ins., Lead Connection	1	EWJ-156	EWJ-156	EWJ-156
Spring, Brush	2	EMG-18	EMG-18	EMG-18
Tube, Insulating	1	EMG-78	EMG-78	EMG-78
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWJ-81	EWJ-81	EWJ-81
Washer, Arm. Thrust, D. E. & C. E., 1/32" Thick	3	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., .023" Thick	*	EWJ-81B	EWJ-81B	EWJ-81B
Washer, Gear	1	EWJ-47	EWJ-47	EWJ-47
Washer, Spring, Crank Arm	2	EWJ-39	EWJ-39	EWJ-39
Washer, Thrust, Crank Arm	4	EWJ-45	EWJ-45	EWJ-45

* Use as required.

UNIT	APPLICATION
EMG-4101	Chrysler (6), (8)
EMG-4101A	De Soto (6), (8), Dodge (6), (8)
EMG-4101B	Plymouth

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 9-15-53)

Name of Part	No. Used	EMG-4102	EMG-4102A	EMG-4102B
Arm, Crank	2	EMG-2072	EMG-2072	EMG-2072
Armature	1	EMG-2006	EMG-2006	EMG-2006
Bolt, Thru	2	EMG-20	EMG-20	EMG-20
Bracket & Cover Assembly, Mounting	1	EWJ-1158B	EWJ-1158B	EWJ-1158B
Bracket & Switch Assembly, Mounting	1	EWJ-2154C	EWJ-2154C	EWJ-2154C
Cover, Switch	1	EWJ-159	EWJ-159	EWJ-159
Frame & Field Assembly	1	EME-2001	EME-2001	EME-2001
Coil Assembly, Field, Complete	1	EMG-1005	EMG-1005	EMG-1005
Insulation, Field Coil	1	EMG-163	EMG-163	EMG-163
Coil, Field	1	EMG-1007	EMG-1007	EMG-1007
Coil, Field, Grounded	1	EMG-1008	EMG-1008	EMG-1008
Screw, Pole Shoe	2	8X-1521	8X-1521	8X-1521
Gasket, Cover Plate	2	EWJ-51	EWJ-51	EWJ-51
Gear, Left Hand	1	EWR-43	EWR-43	EWR-43
Gear, Right Hand	1	EWR-43R	EWR-43R	EWR-43R
Grommet	3	EMG-40	EMG-40	EMG-40
Head Assembly, Comm. End	1	EMG-2002A	EMG-2002A	EMG-2002A
Brush	2	EMG-12	EMG-12	EMG-12
Head Assembly, Drive End	1	EMG-2003A	EMG-2003A	EMG-2003A
Grommet	1	EWJ-19	EWJ-19	EWJ-19
Key, Gear	2	EWJ-40	EWJ-40	EWJ-40
Lead Assembly	1	EMG-75A	EMG-75	EMG-75B
Lockwasher, Cover Screw, #8	8	12X-195	12X-195	12X-195
Lockwasher, Gear Screw, 1/4	2	12X-3074	12X-3074	12X-3074
Nut, Gear, Hex. 1/4-20	2	X-3075	X-3075	X-3075
Plate, Gear	1	EWJ-155	EWJ-155	EWJ-155
Screw, Cover, Fill. Hd. #8-32x5/16	8	8X-888	8X-888	8X-888
Sleeve, Ins., Lead Connection	1	EWJ-156	EWJ-156	EWJ-156
Spring, Brush	2	EMG-18	EMG-18	EMG-18
Tube, Insulating	1	EMG-78	EMG-78	EMG-78
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWJ-81	EWJ-81	EWJ-81
Washer, Arm. Thrust, D. E. & C. E., 1/32" Thick	3	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., .023" Thick	*	EWJ-81B	EWJ-81B	EWJ-81B
Washer, Gear	1	EWJ-47	EWJ-47	EWJ-47
Washer, Spring, Crank Arm	2	EWJ-39	EWJ-39	EWJ-39
Washer, Thrust, Crank Arm	4	EWJ-45	EWJ-45	EWJ-45

* Use as required.

UNIT	APPLICATION
EMG-4102	Chrysler (6), (8)
EMG-4102A	DeSoto (6), (8), Dodge (6), (8)
EMG-4102B	Plymouth, Chrysler (6), (8), DeSoto (6), (8), Dodge (6), (8)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER (Issued 9-15-53)

Name of Part	No. Used	EMG-5102B
Link, Left	1	EMG-1087L
Link, Right	1	EMG-1087R
Retainer	2	EWD-115
Washer, Brass	2	EWJ-132
Washer, Felt, 15/64" Hole	4	EWJ-131
Wiper Motor (See Separate List For Parts)	1	EMG-4102B

UNIT	APPLICATION
EMG-5102B	De Soto 6 (Export), Dodge 6 (Canada), Plymouth

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 9-15-53)

Name of Part	No. Used	EMG-4103	EMG-4103A	EMG-4103B
Arm, Crank	2	EMG-2072	EMG-2072	EMG-2072
Armature	1	EMG-2006	EMG-2006	EMG-2006
Bolt, Thru	2	EMG-20	EMG-20	EMG-20
Bracket & Cover Assembly, Mounting	1	EWJ-1158A	EWJ-1158A	EWJ-1158A
Eyelet	2	EMD-41	EMD-41	EMD-41
Grommet	2	EMD-40	EMD-40	EMD-40
Bracket & Switch Assembly, Mounting	1	EWJ-2154B	EWJ-2154B	EWJ-2154B
Eyelet	1	EMD-41	EMD-41	EMD-41
Grommet	1	EMD-40	EMD-40	EMD-40
Cover, Switch	1	EWJ-159	EWJ-159	EWJ-159
Frame & Field Assembly	1	EME-2001	EME-2001	EME-2001
Coil Assembly, Field, Complete	1	EMG-1005	EMG-1005	EMG-1005
Insulation, Field Coil	1	EMG-163	EMG-163	EMG-163
Coil, Field	1	EMG-1007	EMG-1007	EMG-1007
Coil, Field, Grounded	1	EMG-1008	EMG-1008	EMG-1008
Screw, Pole Shoe	2	8X-1521	8X-1521	8X-1521
Gasket, Cover Plate	2	EWJ-51	EWJ-51	EWJ-51
Gear, Left Hand	1	EWR-43	EWR-43	EWR-43
Gear, Right Hand	1	EWR-43R	ewr-43R	EWR-43R
Head Assembly, Comm. End	1	EMG-2002A	EMG-2002A	EMG-2002A
Brush	2	EMG-12	EMG-12	EMG-12
Head Assembly, Drive End	1	EMG-2003A	EMG-2003A	EMG-2003A
Grommet	1	EWJ-19	EWJ-19	EWJ-19
Key, Gear	2	EWJ-40	EWJ-40	EWJ-40
Lead Assembly	1	EMG-75A	EMG-75	EMG-75B
Lockwasher, Cover Screw, #8	8	12X-195	12X-195	12X-195
Lockwasher, Gear Screw, 1/4	2	12X-1074	12X-3074	12X-3074
Nut, Gear, Hex. 1/4-20	2	X-3075	X-3075	X-3075
Plate, Gear	1	EWJ-155	EWJ-155	EWJ-155
Screw Cover, Fill. Hd. #8-32x5/16	8	8X-888	8X-888	8X-888
Sleeve, Ins., Lead Connection	1	EWJ-156	EWJ-156	EWJ-156
Spring, Brush	2	EMG-18	EMG-18	EMG-18
Tube, Insulating	1	EMG-78	EMG-78	EMG-78
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWJ-81	EWJ-81	EWJ-81
Washer, Arm. Thrust, D. E. & C. E., 1/32" Thick	3	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., .023" Thick	*	EWJ-81B	EWJ-81B	EWJ-81B
Washer, Gear	1	EWJ-47	EWJ-47	EWJ-47
Washer, Spring, Crank Arm	2	EWJ-39	EWJ-39	EWJ-39
Washer, Thrust, Crank Arm	4	EWJ-45	EWJ-45	EWJ-45

* Use as required.

UNIT	APPLICATION
EMG-4103	Chrysler (6), (8)
EMG-4103A	De Soto (6), (8), Dodge (6), (8)
EMG-4103B	Plymouth, Dodge (6) (Canada), Chrysler (6), (8), De Soto (8), Dodge (6), (8)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER (Issued 9-15-53)

Name of Part	No. Used	EMG-5103B
Link, Left	1	EMG-1087L
Link, Right	1	EMG-1087R
Retainer	2	EWD-115
Washer, Brass	2	EWJ-132
Washer, Felt, 15/64" Hole	4	EWJ-131
Wiper Motor (See Separate List for Parts)	1	EMG-4103B

UNIT	APPLICATION
EMG-5103B	Plymouth, Dodge (6) (Canada)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 2-16-54)

Name of Part	No. Used	EMG-4104	EMG-4105
Arm, Crank	2	EMG-2072	EMG-2104
Armature	1	EMG-2006	EMG-2006
Base Plate & Switch Assy.	1	EWJ-2056	EWJ-2056
Bolt, Thru	2	EMG-20	EMG-20
Cover Assy., Switch	1	EWJ-1055	EWJ-1055
Cover	1	EWJ-55	EWJ-55
Grommet	1	SSB-43	SSB-43
Frame & Field Assy.	1	EMG-2145	EMG-2001
Coil Assy., Field, Complete	1	EMG-1005	EMG-1005
Coil, Field	1	EMG-1007	EMG-1007
Coil, Field, Grounded	1	EMG-1008	EMG-1008
Insulation, Field Coil	1	EMG-163	EMG-163
Screw, Pole Shoe	2	8X-1521	8X-1521
Gasket, Cover Plate	2	EWJ-51	EWJ-51
Gear, Left Hand	1	EWR-43	EWR-43
Gear, Right Hand	1	EWR-43R	EWR-43R
Head Assy., Comm. End	1	EMG-2002A	EMG-2002A
Brush	2	EMG-12	EMG-12
Head Assy., Drive End	1	EMG-2003A	EMG-2003A
Grommet	1	EWJ-19	EWJ-19
Key, Gear	2	EWJ-40	EWJ-40
Lead Assembly	1	EWJ-75F	EWJ-75E
Lead Assembly, 4" Long	1	EMG-21	
Lockwasher, Gear Nut, 1/4	2	12X-3074	12X-3074
Nut, Gear, Hex. 1/4-20	2	X-3075	X-3075
Plate, Cover	1	EWJ-50	EWJ-50
Plate, Gear	1	EWJ-128	EWJ-128
Plunger	1	EWJ-169	EWJ-169
Screw, Cover, Pan Hd. #8-32x3/8	8	8X-3232	8X-3232
Spring, Brush	2	EMG-18	EW-18
Tube, Insulating	1	EWJ-78	EWJ-78
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWJ-81	EWJ-81
Washer, Arm. Thrust, D. E. & C. E., 1/32" Thick	3	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., .023" Thick	*	EWJ-81B	EWJ-81B
Washer, Gear	1	EWJ-47	EWJ-47
Washer, Spring, Crank Arm	2	EWJ-39	EWJ-39
Washer, Thrust, Crank Arm	4	EWJ-45	EWJ-45

* Use as Required.

UNIT	APPLICATION
EMG-4104	Kaiser
EMG-4105	Dodge (Truck)



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 1-8-54)

Name of Part	No. Used	EMH-4001
Armature	1	EMH-2006
Bolt, Thru	2	EWJ-20
Bracket Assy., Comm. End	1	EWY-1084
Eyelet	2	EWY-94
Grommet	2	EWY-42
Bracket & Switch Assy., Drive End	1	EWY-2082
Eyelet	1	EWY-94
Grommet	1	EWY-42
Plunger	1	EWR-64
Retainer	1	EWR-63
Washer, Felt	1	EWR-62
Cover, Switch	1	EWR-55
Crank Arm Assy., Short	1	EWR-1071S
Frame & Field Assy.	1	EMH-2001
Coil Assy., Field, Complete	1	EMH-1005
Insulation, Field Coil	1	EWR-23
Screw, Pole Shoe	2	8X-1521
Gasket, Switch Cover	1	EWR-51
Gear, Left Hand	1	EWR-43
Head Assy., Comm. End	1	EMD-2002
Brush	2	EWD-12
Head Assy., Drive End	1	EWY-2003
Key, Gear	1	EWJ-40
Lead Assy.	1	EWR-75A
Lockwasher, Thru Bolt & Gear Sc., #10	3	12X-196
Nut, Gear, Hex. #10-32	1	8X-173
Plate, Gear	1	EWY-54
Screw, Switch Cover, Fill. Hd. #8-32x3/8	4	8X-3094
Spring, Brush	2	EFW-18
Washer, Arm. Thrust, D.E., 1/64" Thick	*	EWR-81
Washer, Arm. Thrust, D.E., 1/32" Thick	1	EWR-81A
Washer, Arm. Thrust, D.E., 1/32" Thick	*	EWR-81A
Washer, Arm. Thrust, D.E., .023" Thick	*	EWR-81B
Washer, Thrust, Crank Arm	1	EWJ-45

* Use As Required.

UNIT	APPLICATION
EMH-4001	Reo Motors

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
(Issued 1-8-54)

Name of Part	No. Used	EMH-5001
Crank Arm Assy. , Long	1	EWY-1072
Link Left	1	EWY-1096L
Link, Right	1	EWY-1096R
Lockwasher, Crank Arm, 1/4	1	12X-3074
Nut, Crank Arm, Hex. 1/4-20	1	8X-163
Retainer	1	EWD-115
Washer, Brass	1	EWJ-132
Washer, Felt, 15/64" Hole	4	EWJ-131
Wiper Motor (See Separate List For Parts)	1	EMH-4001

UNIT	APPLICATION
EMH-5001	Reo Motors

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTORS
(Issued 10-13-55)

Name of Part	No. Used	EMK-4001	EMK-4101	EMK-4102	EMK-4105
Arm, Crank	2	EWJ-2071	EMG-2072	EMG-2072	EMG-2104
Armature	1	EMK-2006	EMK-2006	EMK-2006	EMK-2006
Base Plate & Switch Assy.	1				EWP-2056
Bolt, Thru	2	EWJ-20	EMG-20	EMG-20	EMG-20
Bracket & Cover Assembly, Mounting	1	EWJ-1158A	EWJ-1158B	EWJ-1158A	
Eyelet	2	EMD-41		EMD-41	
Grommet	2	EMD-40		EMD-40	
Bracket & Switch Assembly, Mounting	1	EWJ-2154A	EWJ-2154C	EWJ-2154B	
Eyelet	1	EMD-41		EMD-41	
Grommet	1	EMD-40		EMD-40	
Cover, Switch	1	EWJ-159	EWJ-159	EWJ-159	
Cover Assembly, Switch	1				EWJ-1055
Cover	1				EWJ-55
Grommet	1				SSB-43
Frame & Field Assembly	1	EMF-2001B	EMF-2001B	EMF-2001B	EMF-2001C
Coil Assembly, Field, Complete	1	EMF-1005A	EMF-1005A	EMF-1005A	EMF-1005A
Coil, Field	1	EMF-1007	EMF-1007	EMF-1007	EMF-1007
Coil, Field, Grounded	1	EMF-1008	EMF-1008	EMF-1008	EMF-1008
Insulation, Field Coil	1	EMG-163	EMG-163	EMG-163	EMG-163
Screw, Pole Shoe	2	8X-1521	8X-1521	8X-1521	8X-1521
Gasket, Cover Plate	2	EWJ-51	EWJ-51	EWJ-51	EWJ-51
Gear, Left Hand	1	EWJ-43L	EWR-43	EWR-43	EWR-43
Gear, Right Hand	1	EWJ-43R	EWR-43R	EWR-43R	EWR-43R
Grommet	3		EMG-40		
Head Assembly, Comm. End	1	EWJ-2002C	EMG-2002B	EMG-2002A	EMG-2002B
Brush	2	EMG-12	EWD-12	EMG-12	EWD-12
Head Assembly, Drive End	1	EWJ-2003A	EMG-2003A	EMG-2003A	EMG-2003A
Grommet	1	EWJ-19	EWJ-19	EWJ-19	EWJ-19
Key, Gear	2	EWJ-40	EWJ-40	EWJ-40	EWJ-40
Lead Assembly	1	EMG-75A	EMG-75A	EMG-75A	EWJ-75E
Lockwasher, Gear Screw, 1/4	2	12X-3074	12X-3074	12X-3074	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196			
Nut, Gear, Hex. 1/4-20	2	X-3075	X-3075	X-3075	X-3075
Plate, Cover	1				EWJ-50
Plate, Gear	1	EWJ-155	EWJ-155	EWJ-155	EWJ-128
Plunger	1				EWJ-169
Screw, Cover, Pan Hd. #8-32x3/8	8	8X-3232	8X-3232	8X-3232	8X-3232
Sleeve, Insulating, Lead Connection	1	EWJ-156	EWJ-156	EWJ-156	
Spring, Brush	2	EMG-18	EMG-18	EMG-18	EMG-18
Tube, Insulating	1	EMG-78	EMG-78	EMG-78	EWJ-78
Washer, Arm. Thrust, D.E., 1/64" Thick	*	EWJ-81	EWJ-81	EWJ-81	EWJ-81
Washer, Arm. Thrust, C.E. & D.E., 1/32" Thick	3	EWJ-81A	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D.E., 1/32" Thick	*	EWJ-81A	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D.E., .023" Thick	*	EWJ-81B	EWJ-81B	EWJ-81B	EWJ-81B
Washer, Gear	1	EWJ-47	EWJ-47	EWJ-47	EWJ-47
Washer, Spring, Crank Arm	2	EWJ-39	EWJ-39	EWJ-39	EWJ-39
Washer, Thrust, Crank Arm	4	EWJ-45	EWJ-45	EWJ-45	EWJ-45

* Use as Required.

UNIT	APPLICATION
EMK-4001	Chrysler (Crown Imperial)
EMK-4101	Chrysler (Crown Imperial)
EMK-4102	Chrysler (Crown Imperial)
EMK-4105	Dodge Truck



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTORS
(Issued 9-3-54)

Name of Part	No. Used	EMP-4001	EMP-4002	EMP-4002A	EMP-4003
Armature	1	EMP-2006	EMP-2006	EMP-2006	EMP-2006
Bolt, Thru	2	EWB-20	EWB-20	EWB-20	EWB-20
Bracket Assembly, Comm. End	1	EMP-1055	EMP-1059	EMP-1059	EMP-1055
Grommet	2	EMG-40	EMG-40	EMG-40	EMG-40
Bracket & Cover Assy., Drive End	1	EMP-1066	EMP-1058	EMP-1058	EMP-1066
Grommet	1	EMG-40	EMG-40	EMG-40	EMG-40
Bracket, Lead	1	EMP-74	EMP-74	EMP-74	EMP-74
Crank Arm Assembly, Short	1	EMP-1070	EMP-1070	EMP-1070	EMU-1070
Frame & Field Assembly	1	EMP-2001	EMP-2001	EMP-2001	EMP-2001
Coil Assy., Field, Complete	1	EMP-1005	EMP-1005	EMP-1005	EMP-1005
Insulation, Field Connection	1	EWR-23	EWR-23	EWR-23	EWR-23
Screw, Pole Shoe	2	8X-1521	8X-1521	8X-1521	8X-1521
Gasket, Cover, D. E.	1	EMP-51	EMP-51	EMP-51	EMP-51
Gear, Right Hand	1	EMP-43R	EMP-43R	EMP-43R	EMP-43R
Head Assembly, Comm. End	1	EMP-2002	EMP-2002	EMP-2002	EMP-2002
Brush	2	EMG-12	EMG-12	EMG-12	EMG-12
Head Assembly, Drive End	1	EMP-2003	EMP-2003	EMP-2003	EMP-2003
Key, Gear	1	EMP-40	EMP-40	EMP-40	EMP-40
Lead Assembly	1	EMP-1075C	EMP-1075C	EMP-1075C	EMP-1075C
Lockwasher, Gear, 1/4	1	12X-3074	12X-3074	12X-3074	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196	12X-196	12X-196	12X-196
Nut, Gear, Hex. 1/4-20	1	X-3075	X-3075	X-3075	X-3075
Plate, Gear	1	EMP-54	EMP-54	EMP-54	EMP-54
Screw, Bracket & Cover Attaching, Fill Hd. #8-32x3/8	5	8X-3094	8X-3094	8X-3094	8X-3094
Sleeve, Insulating, Lead Connection	1	EWJ-156	EWJ-156	EWJ-156	EWJ-156
Spring, Brush	2	EMG-18	EMG-18	EMG-18	EMG-18
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWR-81	EWR-81	EWR-81	EWR-81
Washer, Arm. Thrust, D. E., 1/32" Thick	2	EWR-81A	EWR-81A	EWR-81A	EWR-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWR-81A	EWR-81A	EWR-81A	EWR-81A
Washer, Arm. Thrust, D. E., .023" Thick	*	EWR-81B	EWR-81B	EWR-81B	EWR-81B
Washer, Arm. Thrust, D. E., .010" Thick	*	EWR-81F	EWR-81F	EWR-81F	EWR-81F
Washer, Plain, Gear Nut, 1/32" Thick	1	EMP-34	EMP-34	EMP-34	EMP-34
Washer, Plain, Gear Nut, .065" Thick	1	VAD-176A	VAD-176A	VAD-176A	VAD-176A
Washer, Spring, Armature Thrust	1	EWY-30	EWY-30	EWY-30	EWY-30
Washer, Spring, Crank Arm	1	EWY-29	EWY-29	EWY-29	EWY-29
Washer, Thrust, Crank Arm	1	EWJ-45A	EWJ-45A	EWJ-45A	EWJ-45A
Washer, Thrust, Inner, Crank Arm	1	EMP-24	EMP-24	EMP-24	EMP-24

* Use as required.

UNIT	APPLICATION
EMP-4003	Dodge 6 (Canada), Plymouth

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER

Name of Part	No.	EMP-5001	EMP-5002	EMP-5002A	EMP-5003
	Used				
Crank Arm Assembly, Long	1	EMD-1044	EMD-1045	EMD-1045	EMU-1045
Link, Left	1	EMD-1052L	EMP-1061L	EMP-1061L	EMU-1052L
Link, Right	1	EMD-1051R	EMP-1060R	EMP-1060R	EWY-1098RA
Lockwasher, Crank Arm, 1/4	1	12X-3074	X-1745	X-1745	X-1745
Nut, Crank Arm, Hex. 1/4-28	1	8X-1063	8X-1063	8X-1063	8X-1063
Retainer	1	EWD-115	EWD-115	EWD-115	EWD-115
Washer, Brass	1	EWJ-132	EWJ-132	EWJ-132	EWJ-132
Washer, Felt, 15/64" Hole	2	EWJ-131	EWJ-131	EWJ-131	EWJ-131
Washer, Felt, 3/8" Hole	2	EMD-47	EMD-47	EMD-47	EMD-47
Wiper Motor (See separate list for parts)	1	EMP-4001	EMP-4002	EMP-4002A	EMP-4003

UNIT	APPLICATION
EMP-5003	Dodge 6 (Canada), Plymouth

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 6-20-55)

Name of Part	No. Used	EMP-4004
Armature	1	EMZ-2006
Bolt, Thru	2	EWO-20
Bracket Assembly, Comm. End	1	EMP-1097
Eyelet	2	EPB-57
Grommet	2	EPB-40
Bracket, Lead	1	EMP-74
Bracket & Switch	1	EMP-1096
Grommet	1	EMG-40
Crank Arm Assembly, Short	1	EMP-1048
Frame & Field Assembly	1	EMP-2001
Coil Assembly, Field, Complete	1	EMP-1005
Insulation, Field Connection	1	EWR-23
Screw, Pole Shoe	2	8X-1521
Gasket, Cover, D. E.	1	EMP-51
Gear, Right Hand	1	EMP-43R
Head Assembly, Comm. End	1	EMZ-2002
Brush	2	EMZ-12
Head Assembly, Drive End	1	EMP-2003
Key, Gear	1	EMP-40
Lead	1	EPB-70
Lead Assembly	1	EMP-1075C
Lockwasher, Gear Nut, 1/4	1	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196
Nut, Gear, Hex. 1/4-20	1	X-3075
Plate, Switch Contact	1	EMP-54
Screw, Bracket & Cover, Fill. Hd. #8-32x3/8	5	8X-3094
Spring, Brush	2	EMG-18
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWR-81
Washer, Arm. Thrust, D. E., 1/32" Thick	1	EWR-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWR-81A
Washer, Arm. Thrust, D. E., .023" Thick	*	EWR-81B
Washer, Arm. Thrust, D. E., .010" Thick	*	EWR-81F
Washer, Plain, C. E. Bracket	2	SW-635
Washer, Plain, Gear Nut, 1/32" Thick	1	EMP-34
Washer, Plain, Gear Nut, 1/4	1	X-361
Washer, Plain, Thru Bolt, #10	2	8X-349
Washer, Spring, Armature Thrust	1	EWY-30
Washer, Spring, Crank Arm	1	EWY-29
Washer, Thrust, Crank Arm	1	EWJ-45A
Washer, Thrust, Inner, Crank Arm	1	EMP-24

* Use as required.

UNIT	APPLICATION
EMP-4004	International Harvester

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
ASSEMBLY
(Issued 6-20-55)

Name of Part	No. Used	EMP-5004
Crank Arm Assembly, Long	1	EMP-1109
Link, Left	1	EMP-1107
Link, Right	1	EMP-1108
Lockwasher, Crank Arm, Skpf. 1/4	1	X-1745
Nut, Crank Arm, Hex. 1/4-28	1	8X-1063
Retainer	1	EWD-115
Washer, Brass	1	EWJ-132
Washer, Felt, 3/8" Hole	2	EMD-47
Washer, Felt, 15/64" Hole	2	EWJ-131
Wiper Motor (See Separate List For Parts)	1	EMP-4004

UNIT	APPLICATION
EMP-5004	International Harvester

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 6-20-55)

Name of Part	No. Used	EMP-4101
Armature	1	EMZ-2006
Bolt, Thru	2	EWB-20
Bracket, Lead	1	EPB-77
Contact Assembly, Switch	1	EMU-2047
Crank Arm Assembly, Short	1	EMP-1052
Frame & Field Assembly	1	EMP-2001
Coil Assembly, Field, Complete	1	EMP-1005
Insulation, Field Connection	1	EWR-23
Screw, Pole Shoe	2	8X-1521
Gasket, Cover, D. E.	1	EMZ-49
Gear, Right Hand	1	EMP-43R
Head Assembly, Comm. End	1	EMZ-2002
Brush	2	EMZ-12
Head Assembly, Drive End	1	EMZ-2003
Key, Gear	1	EMP-40
Lead Assembly	1	EMP-1077
Lockwasher, Gear Nut, 1/4	1	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196
Nut, Gear, Hex. 1/4-20	1	X-3075
Plate, Switch Contact	1	EMP-54
Screw, Lock, Armature Adjusting, 1/4-20	1	EMZ-77
Screw, Switch Contact, Fill. Hd. #8-32x3/8	5	8X-3094
Sleeve, Insulating, Lead Connection	1	EWJ-156
Spring, Brush	2	EMV-18
Washer, Plain, Gear Nut, .078" Thick	1	EMP-25
Washer, Plain, Gear Nut, 1/32" Thick	1	EMP-34
Washer, Spring, Crank Arm	1	EWY-29
Washer, Thrust, Crank Arm	1	EWJ-45A
Washer, Thrust, Inner, Crank Arm	1	EMP-24

UNIT	APPLICATION
EMP-4101	Dodge Truck

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
ASSEMBLY
(Issued 6-20-55)

Name of Part	No. Used	EMP-5101
Bracket Assembly, Mounting	1	EMP-1065
Grommet	3	EMZ-40
Crank Arm Assembly, Long	1	EMP-1053
Link, Left	1	EMP-1063
Link, Right	1	EMP-62
Lockwasher, Crank Arm, Skpf. 1/4	1	X-1745
Nut, Crank Arm, Hex. 1/4-28	1	8X-1063
Retainer	1	EWD-115
Screw, Bracket, Rd. Hd. 1/4-20x3/8	3	23X-3261
Washer, Felt, 3/8" Hole	2	EMD-47
Washer, Felt, 15/64" Hole	1	EW-97
Washer, Steel, 15/32" Hole	3	EMZ-53
Washer, Steel, 9/32" Hole	3	EMZ-54
Wiper Motor (See Separate List for Parts)	1	EMP-4101

UNIT	APPLICATION
EMP-5101	Dodge Truck

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
EMS-4001
(Issued 5-17-54)

Name of Part	No. Used	EMS-4001
Arm, Crank	2	EMG-2072
Armature	1	EMS-2006
Bolt, Thru	2	EMG-20
Bracket & Cover Assembly, Mounting	1	EWJ-1158B
Bracket & Switch Assembly, Mounting	1	EWJ-2154C
Cover, Switch	1	EWJ-159
Frame & Field Assembly	1	EMS-2001
Coil Assembly, Field, Complete	1	EMS-1005
Coil, Field	1	EMS-1007
Coil, Field, Grounded	1	EMS-1008
Insulation, Field Coil	1	EWJ-163
Screw, Pole Shoe	2	8X-1521
Gasket, Cover Plate	2	EWJ-51
Gear, Left Hand	1	EWR-43
Gear, Right Hand	1	EWR-43R
Grommet	3	EMG-40
Head Assembly, Comm. End	1	EMG-2002A
Brush	2	EMG-12
Head Assembly, Drive End	1	EMG-2003A
Grommet	1	EWJ-19
Key, Gear	2	EWJ-40
Lead Assembly	1	EMG-75A
Lockwasher, Gear Screw, 1/4	2	12X-3074
Nut, Gear, Hex. 1/4-20	2	X-3075
Plate, Gear	1	EMS-155
Screw, Cover, Pan Hd. #8-32x3/8	8	8X-3232
Sleeve, Insulation, Lead Connection	1	EWJ-156
Spring, Brush	2	EMG-18
Tube, Insulating	1	EMG-78
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWJ-81
Washer, Arm. Thrust, C. E. & D. E., 1/32" Thick	3	EWJ-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWJ-81A
Washer, Arm. Thrust, D. E., .023" Thick	*	EWJ-81B
Washer, Gear	1	EWJ-47
Washer, Spring, Crank Arm	2	EWJ-39
Washer, Thrust, Crank Arm	4	EWJ-45

* Use as Required.

UNIT	APPLICATION
EMS-4001	Chrysler

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 10-25-54)

Name of Part	No. Used	EMU-4001	EMU-4101
Armature	1	EMU-2006	EMU-2006A
Bolt, Thru	2	EWB-20	EWB-20
Bracket Assembly, Comm. End	1	EMP-1055	
Grommet	2	EMG-40	
Bracket & Cover Assembly, Drive End	1	EMP-1066	EMU-2047
Grommet	1	EMG-40	
Bracket, Lead	1	EMU-74	EMU-77
Crank Arm Assembly, Short	1	EMU-1070	EMU-1051
Frame & Field Assembly	1	EMU-2001	EMU-2001A
Coil Assembly, Field, Complete	1	EMU-1005	EMU-1005
Insulation, Field Connection	1	EWR-23	EWR-23
Screw, Pole Shoe	2	8X-1521	8X-1521
Gasket, Cover, D. E.	1	EMP-51	EMZ-49
Gear, Right Hand	1	EMP-43R	EMP-43R
Head Assembly, Comm. End (Die Cast)	1	EMU-2002	EMU-2002A
Brush (Die Cast C. E. Head)	2	EMG-12	EMG-12
Head Assy., Comm. End (Pressed Steel)	1		EMZ-2002A
Brush (Pressed Steel C. E. Head)	2		EMZ-12
Head Assembly, Drive End	1	EMP-2003	EMZ-2003
Key, Gear	1	EMP-40	EMP-40
Lead Assembly	1	EMU-1075	EMU-1075
Lockwasher, Gear, 1/4	1	12X-3074	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196	12X-196
Nut, Gear, Hex. 1/4-20	1	X-3075	X-3075
Nylon Disc	1		EMZ-74
Plate, Gear	1	EMP-54	EMP-54
Screw, Bracket & Cover Attaching, Fill. Hd. #8-32x3/8	5	8X-3094	8X-3094
Screw, Lock, Armature Adjusting, 1/4-20	1		EMZ-57
Spring, Brush	2	EWf-18	EWf-18
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWR-81	
Washer, Arm. Thrust, D. E., 1/32" Thick	2	EWR-81A	
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWR-81A	
Washer, Arm. Thrust, D. E., .023" Thick	*	EWR-81B	
Washer, Arm. Thrust, D. E., .010" Thick	*	EWR-81F	
Washer, Plain, Gear Nut, 1/32" Thick	1	EMP-34	EMP-34
Washer, Plain, Gear Nut, .065" Thick	1	VAD-176A	VAD-176A
Washer, Spring, Armature Thrust	1	EWY-30	
Washer, Spring, Crank Arm	1	EWY-29	EWY-29
Washer, Thrust, Crank Arm	1	EWJ-45A	EWJ-45A
Washer, Thrust, Inner, Crank Arm	1	EMP-24	EMP-24

* Use as required.

UNIT	APPLICATION
EMU-4001	Dodge 6 (Canada), Plymouth
EMU-4101	Dodge (6 & 8) Plymouth (6 & 8)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

**WINDSHIELD WIPER
ASSEMBLY
(Issued 10-25-54)**

Name of Part	No. Used	EMU-5001	EMU-5101
Bracket Assembly	1		EMZ-1058
Grommet	3		EMZ-40
Crank Arm Assembly, Long	1	EMU-1045	EMU-1060
Link, Left	1	EMU-1052L	EMU-1071L
Link, Right	1	EWY-1098RA	EMU-1071R
Lockwasher, Crank Arm, Skpf. 1/4	1	X-1745	X-1745
Nut, Crank Arm, Hex. 1/4-28	1	8X-1063	8X-1063
Retainer	1	EWD-115	EMZ-63
Screw, Bracket, Rd. Hd. 1/4-20	3		23X-3261
Washer, Brass	1	EWJ-132	EMU-72
Washer, Felt, 15/64" Hole	2	EWJ-131	
Washer, Felt, 3/8" Hole	2	EMD-47	EMD-47 (4)
Washer, Steel, 15/32" Hole	3		EMZ-53
Washer, Steel, 9/32" Hole	3		EMZ-54
Wiper Motor (See Separate List for Parts)	1	EMU-4001	EMU-4101

UNIT	APPLICATION
EMU-5001	Dodge 6 (Canada), Plymouth
EMU-5101	Dodge (6 & 8), Plymouth (6 & 8)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 10-25-54)

Name of Part	No. Used	EMZ-4001
Armature	1	EMZ-2006
Bolt, Thru	2	EWB-20
Cam & Gear Plate	1	EMZ-55
Cover, Switch	1	EMZ-59
Crank Arm Assembly, Short	1	EMZ-1051
Frame & Field Assembly	1	EMZ-2001
Coil Assembly, Field, Complete	1	EMZ-1005
Screw, Pole Shoe	2	8X-1521
Gasket, Cover, D. E.	1	EMZ-49
Gear, Right Hand	1	EMP-43R
Head Assembly, Comm. End (Die Cast)	1	EMP-2002A
Brush (Die Cast C. E. Head)	2	EMG-12
Head Assembly, Comm. End (Pressed Steel)	1	EMZ-2002
Brush (Pressed Steel C. E. Head)	2	EMZ-12
Head Assembly, Drive End	1	EMZ-2003
Key, Gear	1	EMP-40
Lead Assembly	1	EMZ-1075
Lockwasher, Gear, 1/4	1	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196
Nut, Gear, Hex. 1/4-20	1	X-3075
Nylon Disc	1	EMZ-74
Plate & Switch Assembly	1	EMZ-2047
Screw, Lock, Armature Adjusting, 1/4-20	1	EMZ-57
Screw, Switch Cover, Fill. Hd. #8-32x3/8	5	8X-3094
Sleeve, Ins., Lead Connection	2	EWJ-156
Spring, Brush	2	EMV-18
Washer, Plain, Gear Nut, 17/64"	1	HA-142
Washer, Spring, Crank Arm	1	EWY-29
Washer, Thrust, Crank Arm	1	EWJ-45A
Washer, Thrust, Inner, Crank Arm	1	EMP-24

UNIT	APPLICATION
EMZ-4001	Chrysler (8), DeSoto (8), Dodge (8), Plymouth (6 & 8)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

**WINDSHIELD WIPER
ASSEMBLY
(Issued 10-25-54)**

Name of Part	No. Used	EMZ-5001	EMZ-5001A
Bracket Assembly	1	EMZ-1058	EMZ-1058
Grommet	3	EMZ-40	EMZ-40
Bushing, Eccentric	2	EMZ-67	EMZ-67
Crank Arm Assembly, Long	1	EMZ-1060	EMZ-1060
Link, Left	1	EMZ-1070L	EMZ-1071L
Link, Right	1	EMZ-1070R	EMZ-1071R
Lockwasher, Crank Arm, Skpf. 1/4	1	X-1745	X-1745
Nut, Crank Arm, Hex. 1/4-28	1	8X-1063	8X-1063
Retainer	1	EMZ-63	EMZ-63
Screw, Bracket, Rd. Hd. 1/4-20x3/8	3	23X-3261	23X-3261
Spring, Eccentric	2	EMZ-66	EMZ-66
Trip, Spring	2	EMZ-64	EMZ-64
Washer, Link Retainer	2	EMZ-65	EMZ-65
Washer, Spring	2	EMZ-72	EMZ-72
Washer, Steel, 15/32" Hole	3	EMZ-53	EMZ-53
Washer, Steel, 9/32" Hole	3	EMZ-54	EMZ-54
Wiper Motor (See Separate List for Parts)	1	EMZ-4001	EMZ-4001

UNIT	APPLICATION
EMZ-5001	Chrysler (8), DeSoto (8)
EMZ-5001A	Dodge (8), Plymouth (6 & 8)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 10-11-55)

Name of Part	No. Used	EPB-4001
Armature	1	EPB-2006
Bolt, Thru	2	EWB-20
Bracket, Lead Assembly	1	EPB-77
Cover Assembly, Drive End	1	EPB-2047
Frame & Field Assembly	1	EMP-2001
Coil Assembly, Field, Complete	1	EMP-1005
Insulation, Field Connection	1	EWR-23
Screw, Pole Shoe	2	8X-1521
Gasket, Cover, D. E.	1	EMZ-49
Gear, Right Hand	1	EMP-43R
Gear Shaft & Plate	1	EPB-1051
Head Assembly, Comm. End	1	EMZ-2002
Brush	2	EMZ-12
Head Assembly, Drive End	1	EPB-2003
Key, Gear	1	EMP-40
Lead	1	EPB-70
Lead Assembly	1	EPB-1075
Lockwasher, Gear, 1/4	1	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196
Nut, Gear, Hex. 1/4-20	1	X-3075
Nylon Disc	1	EMZ-74
Plate, Gear	1	EMP-54
Screw, D. E. Cover, Fill. Hd. #8-32x3/8	5	8X-3094
Screw, Lock, Armature Adjusting, 1/4-20	1	EMZ-57
Spring, Brush	2	EMV-18
Washer, Plain, Gear Nut, 1/32" Hole	1	EMP-34
Washer, Plain, Gear Nut, .078" Hole	1	EMP-25
Washer, Spring, Gear Shaft	1	EWY-29
Washer, Thrust, Inner, Gear Shaft	1	EMP-24
Washer, Thrust, Gear Shaft	1	EWJ-45A

UNIT	APPLICATION
EPB-4001	Studebaker, Studebaker Tr.

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
ASSEMBLY
(Issued 10-11-55)

Name of Part	No.		EPB-5001A
	Used	EPB-5001	
Bracket Assembly, Mounting	1	EPB-1058	EPB-1059
Eyelet	3	EPB-57	(4)EPB-57
Grommet	3	EPB-40	(4)EPB-40
Lockwasher, Bracket Screw, 1/4	3	12X-199	12X-199
Screw, Bracket, Rd. Hd. 1/4-20x1/2	3	8X-1002	8X-1002
Strap, Ground	1		EPB-50
Wiper Motor	1	‡EPB-4001	‡EPB-4001

‡ See separate list for parts.

UNIT	APPLICATION
EPB-5001	Studebaker
EPB-5001A	Studebaker Tr.

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 9-26-55)

Name of Part	No. Used	EPF-4001	EPF-4001A
Armature	1	EPF-2006	EPF-2006
Bolt, Thru	2	EWB-20	EWB-20
Cam	1	EPF-55	EPF-55
Cover, Switch	1	EMZ-59	EMZ-59
Crank Arm Assy., Short	1	EMZ-1051	EMZ-1051
Frame & Field Assembly	1	EPF-2001	EPF-2001
Coil Assembly, Field, Complete	1	EPF-1005	EPF-1005
Screw, Pole Shoe	2	8X-1521	8X-1521
Gasket, Cover, D. E.	1	EMZ-49	EMZ-49
Gear, Right Hand	1	EMP-43R	EMP-43R
Head Assembly, Comm. End	1	EPF-2002	EPF-2002
Brush	2	EPF-12	EPF-12
Head Assembly, Drive End	1	EMZ-2003	EMZ-2003
Key, Gear	1	EMP-40	EMP-40
Lead Assembly	1	EMZ-1075	EMZ-1075
Lockwasher, Gear, 1/4	1	12X-3074	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196	12X-196
Nut, Gear, Hex. 1/4-20	1	X-3075	X-3075
Plate & Switch Assembly	1	EMZ-2047	EMZ-2047
Plate, Gear	1	EPF-25	EPF-25
Screw, Lock, Armature Adjusting, 1/4-20	1	EMZ-77	EMZ-77
Screw, Switch Cover, Fill. Hd. #8-32x3/8	5	8X-3094	8X-3094
Sleeve, Insulating, Lead Connection	2	EWJ-156	EWJ-156
Spring, Brush	2	EMV-18	EMV-18
Washer, Plain, Gear Nut, .032" Thick	1	HA-142	HA-142
Washer, Spring, Crank Arm	1	EWY-29	EWY-29
Washer, Thrust, Crank Arm	1	EWJ-45A	EWJ-45A
Washer, Thrust, Inner, Crank Arm	1	EMP-24	EMP-24

UNIT	APPLICATION
EPF-4001	Imperial, Chrysler, De Soto, Plymouth
EPF-4001A	Dodge

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
ASSEMBLY
(Issued 9-26-55)

Name of Part	No. Used	EPF-5001	EPF-5001A	EPF-5001B	EPF-5001C
Bracket Assembly, Mounting	1	EMZ-1058	EMZ-1058	EMZ-1058	EMZ-1058
Grommet	3	EMZ-40	EMZ-40	EMZ-40	EMZ-40
Crank Arm Assembly, Long	1	EMZ-1060	EMZ-1076	EMZ-1076	EPF-1060
Eccentric Bushing	2	EMZ-67	EMZ-67	EMZ-67	EPF-67
Eccentric Spring	2	EMZ-66	EMZ-66	EMZ-66	EMZ-66
Link, Left	1	EMZ-1070L	EMZ-1098L	EMZ-1098L	EPF-1070L
Link, Right	1	EMZ-1070R	EMZ-1071R	EMZ-1071R	EPF-1070R
Lockwasher, Crank Arm, Skpf. 1/4	1	X-1745	X-1745	X-1745	X-1745
Nut, Crank Arm, Hex. 1/4-28	1	8X-1063	8X-1063	8X-1063	8X-1063
Retainer	1	EMZ-32	EMZ-32	EMZ-32	EMZ-32
Screw, Mounting Bracket, Rd. Hd. 1/4-20x3/8	3	23X-3261	23X-3261	23X-3261	23X-3261
Spring Trip	2	EMZ-64	EMZ-64	EMZ-64	EPF-64
Spring Washer	2	EMZ-72	EMZ-72	EMZ-72	EMZ-72
Washer, Link Retainer	2	EMZ-65	EMZ-65	EMZ-65	EMZ-65
Washer, Steel, 15/32" Hole	3	EMZ-53	EMZ-53	EMZ-53	EMZ-53
Washer, Steel, 9/32" Hole	3	EMZ-54	EMZ-54	EMZ-54	EMZ-54
Wiper Motor (See Separate List For Parts)	1	EPF-4001	EPF-4001	EPF-4001A	EPF-4001

UNIT	APPLICATION
EPF-5001	Imperial
EPF-5001A	Plymouth
EPF-5001B	Dodge
EPF-5001C	Imperial, Chrysler, De Soto

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 10-11-55)

Name of Part	No. Used	EPF-4101	EPF-4102
Armature	1	EPF-2006	EPF-2006A
Bolt, Thru	2	EWB-20	EWO-20
Bracket Assembly, Comm. End	1		EMP-1097
Eyelet	2		EPB-57
Grommet	2		EPB-40
Bracket & Switch	1		EPF-1096
Grommet	1		EMG-40
Bracket, Lead	1	EPB-77	EMP-74
Crank Arm Assembly, Short	1	EMP-1052	EMP-1048
Frame & Field Assembly	1	EPS-2001	EPS-2001
Coil Assembly, Field, Complete	1	EPS-1005	EPS-1005
Insulation, Field Connection	1	EWR-23	EWR-23
Screw, Pole Shoe	2	8X-1521	8X-1521
Gasket, Cover, D. E.	1	EMZ-49	EMP-51
Gear, Right Hand	1	EMP-43R	EMP-43R
Head Assembly, Comm. End	1	EPF-2002	EPF-2002
Brush	2	EPF-12	EPF-12
Head Assembly, Drive End	1	EMZ-2003	EMP-2003A
Key, Gear	1	EMP-40	EMP-40
Lead	1		EPB-70
Lead Assembly	1	EMP-1077	EMP-1085
Lockwasher, Gear, 1/4	1	12X-3074	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196	12X-196
Nut, Gear, Hex. 1/4-20	1	X-3075	X-3075
Nylon Disc	1	EMZ-74	
Plate, Switch Contact	1	EMP-54	EMP-54
Screw, D. E. Cover, Fill. Hd. #8-32x3/8	5	8X-3094	8X-3094
Screw, Lock, Armature Adjusting, 1/4-20	1	EMZ-57	
Sleeve, Insulating, Lead Connection	1	EWJ-156	
Spring, Brush	2	EMV-18	EMV-18
Switch Contact Assembly	1	EMU-2047	
Washer, Arm. Thrust, D. E., 1/64" Thick	*		EWR-81
Washer, Arm. Thrust, D. E., 1/32" Thick	1		EWR-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*		EWR-81A
Washer, Arm. Thrust, D. E., .023" Thick	*		EWR-81B
Washer, Arm. Thrust, D. E., .010" Thick	*		EWR-81F
Washer, Plain, D. E. Bracket	2		SW-635
Washer, Plain, Gear Nut, 1/32" Thick	1	EMP-34	EMP-34
Washer, Plain, Gear Nut, .065" Thick	1	VAD-176A	
Washer, Plain, Gear Nut, .078" Thick	1		EMP-25
Washer, Plain, Thru Bolt, #10	2		8X-349
Washer, Spring, Armature Thrust	1		EWY-30
Washer, Spring, Crank Arm	1	EWY-29	EWY-29
Washer, Thrust, Crank Arm	1	EWJ-45A	EWJ-45A
Washer, Thrust, Inner, Crank Arm	1	EMP-24	EMP-24

* Use as Required.

UNIT	APPLICATION
EPF-4101	Dodge Truck
EPF-4102	International Harvester

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
ASSEMBLY
(Issued 10-11-55)

Name of Part	No.		EPF-5102
	Used	EPF-5101	
Bracket Assy., Mounting	1	EMP-2065	
Grommet	3	EMZ-40	
Crank Arm Assembly, Long	1	EMP-1053	EMP-1109
Link, Left	1	EMP-1063	EMP-1107
Link, Right	1	EMP-62	EMP-1108
Lockwasher, Crank Arm, Skpf. 1/4	1	X-1745	X-1745
Nut, Crank Arm, Hex. 1/4-28	1	8X-1063	8X-1063
Retainer	1	EWD-115	EWD-115
Screw, Bracket, Rd. Hd. 1/4-20x3/8	3	23X-3261	
Washer, Brass	1		EWJ-132
Washer, Felt, 3/8" Hole	2	EMD-47	EMD-47
Washer, Felt, 15/64" Hole	1	EW-97	(2)EWJ-131
Washer, Steel, 15/32" Hole	3	EMZ-53	
Washer, Steel, 9/32" Hole	3	EMZ-54	
Wiper Motor	1	‡EPF-4101	‡EPF-4102

‡ See separate list for parts.

UNIT	APPLICATION
EPF-5101	Dodge Truck
EPF-5102	International Harvester

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 9-26-55)

Name of Part	No. Used	EPH-4101	EPH-4101A
Armature	1	EPH-2006	EPH-2006
Bolt, Thru	2	EWB-20	EWB-20
Bracket, Lead	1	EMU-77	EMU-77
Crank Arm Assy., Short	1	EMU-1051	EMU-1051
Frame & Field Assy.	1	EPH-2001	EPH-2001
Coil Assy., Field, Complete	1	EPH-1005	EPH-1005
Screw, Pole Shoe	2	8X-1521	8X-1521
Gasket, Cover, D. E.	1	EMZ-49	EMZ-49
Gear, Right Hand	1	EMP-43R	EMP-43R
Head Assy., Comm. End	1	EPH-2002	EPH-2002
Brush	2	EPF-12	EPF-12
Head Assy., Drive End	1	EMZ-2003	EMZ-2003
Key, Gear	1	EMP-40	EMP-40
Lead Assy.	1	EMU-1075	EMU-1075
Lockwasher, Gear Nut, 1/4	1	12X-3074	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196	12X-196
Nut, Gear, Hex. 1/4-20	1	X-3075	X-3075
Plate, Switch Contact	1	EMP-54	EMP-54
Screw, Lock, Armature Adjusting, 1/4-20	1	EMZ-77	EMZ-77
Screw, Switch Contact, Fill. Hd. #8-32x3/8	5	8X-3094	8X-3094
Spring, Brush	2	EWF-18	EWF-18
Switch Contact Assy.	1	EMU-2047	EMU-2047
Washer, Plain, Gear Nut, 1/32" Thick	1	EMP-34	EMP-34
Washer, Plain, Gear Nut, .065" Thick	1	VAD-176A	VAD-176A
Washer, Spring, Crank Arm	1	EWY-29	EWY-29
Washer, Thrust, Crank Arm	1	EWJ-45A	EWJ-45A
Washer, Thrust, Inner, Crank Arm	1	EMP-24	EMP-24

UNIT	APPLICATION
EPH-4101	Plymouth
EPH-4101A	Dodge

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
ASSEMBLY
(Issued 9-26-55)

Name of Part	No. Used	EPH-5101	EPH-5101A
Bracket Assy., Mounting	1	EMZ-1058	EMZ-1058
Grommet	3	EMZ-40	EMZ-40
Crank Arm Assy., Long	1	EMU-1060	EMU-1060
Link, Left	1	EMU-1078L	EMU-1078L
Link, Right	1	EMU-1071R	EMU-1071R
Lockwasher, Crank Arm, Skpf. 1/4	1	X-1745	X-1745
Nut, Crank Arm, Hex. 1/4-28	1	8X-1063	8X-1063
Retainer	1	EMZ-32	EMZ-32
Screw, Bracket, Rd. Hd. 1/4-20x3/8	3	23X-3261	23X-3261
Washer, Brass	1	EMU-72	EMU-72
Washer, Felt, 3/8" Hole	4	EMD-47	EMD-47
Washer, Steel, 15/32" Hole	3	EMZ-53	EMZ-53
Washer, Steel, 9/32" Hole	3	EMZ-54	EMZ-54
Wiper Motor (See Separate List for Parts)	1	EPH-4101	EPH-4101A

UNIT	APPLICATION
EPH-5101	Plymouth
EPH-5101A	Dodge

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 2-1-56)

Name of Part	No. Used	EPS-4001
Armature	1	EPS-2006
Bolt, Thru	2	EWB-20
Bracket, Lead	1	EPB-77
Cover Assy., Drive End	1	EPS-2047
Frame & Field Assy.	1	EPS-2001
Coil Assy., Field, Complete	1	EPS-1005
Insulation, Field Connection	1	EWR-23
Screw, Pole Shoe	2	8X-1521
Gasket, Cover, D.E.	1	EMZ-49
Gear, Right Hand	1	EMP-43R
Gear Shaft & Plate	1	EPB-1051
Head Assy., Comm. End.	1	EPF-2002
Brush	2	EPF-12
Head Assy., Drive End	1	EPB-2003
Key, Gear	1	EMP-40
Lead	1	EPB-70
Lead Assembly	1	EPB-1075
Lockwasher, Gear 1/4	1	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196
Nut, Gear, Hex. 1/4-20	1	X-3075
Nylon Disc	1	EMZ-74
Plate, Gear	1	EPS-12
Screw, Cover, Fill Hd. #8-32 x 3/8	5	8X-3094
Screw, Lock, Armature Adjusting, 1/4-20	1	EMZ-57
Spring, Brush	2	EMV-18
Washer, Plain, Gear Nut, 1/32" Thick	1	EMP-34
Washer, Plain, Gear Nut, .078" Thick	1	EMP-25
Washer, Spring, Crank Arm	1	EWY-29
Washer, Thrust, Crank Arm	1	EWJ-45A
Washer, Thrust, Inner, Crank Arm	1	EMP-24

UNIT	APPLICATION
EPS-4001	Studebaker, Studebaker Truck

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
ASSEMBLY
(Issued 2-1-56)

Name of Part	No. Used	EPS-5001	EPS-5001A
Bracket Assembly, Mounting	1	EPB-1058	EPB-1059
Eyelet	3	EPB-57 (4)	EPB-57
Grommet	3	EPB-40 (4)	EPB-40
Lockwasher, Bracket Screw, 1/4	3	12X-199	12X-199
Screw, Bracket, Rd. Hd. 1/4-20x1/2	3	8X-1002	8X-1002
Strap, Ground	1		EPB-50
Wiper Motor	1	‡ EPS-4001	‡ EPS-4001

‡ See separate list for parts.

UNIT	APPLICATION
EPS-5001	Studebaker
EPS-5001A	Studebaker Truck

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 10-4-56)

Name of Part	No. Used	EPV - 4001	EPV - 4001A	EPV - 4001B
Armature	1	EPV - 2006	EPV - 2006	EPV - 2006
Bolt, Thru	2	EWB - 20	EWB - 20	EWB - 20
Bracket, Lead	1	EPV - 114	EPV - 114	EPV - 114
Crank Arm Assy., Short	1	EPV - 1051	EPV - 1118	EPV - 1118
Frame & Field Assy.	1	EPV - 2001	EPV - 2001	EPV - 2001
Coil Assy., Field, Complete	1	EPV - 1005	EPV - 1005	EPV - 1005
Screw, Pole Shoe	2	8X - 1521	8X - 1521	8X - 1521
Gasket, Cover, D. E.	1	EPV - 49	EPV - 49	EPV - 49
Gear, Right Hand	1	EPV - 43RA	EPV - 43RA	EPV - 43RA
Head Assy., Comm. End	1	EPV - 2002	EPV - 2002	EPV - 2002
Brush	2	EPF - 12	EPF - 12	EPF - 12
Head Assy., Drive End	1	EPV - 2003	EPV - 2003	EPV - 2003
Insulator, Terminal	1	XA - 867	XA - 867	XA - 867
Insulator, Terminal, 90°	1	XA - 868	XA - 868	XA - 868
Lead Assy.	1	EPV - 1115	EPV - 1115A	EPV - 1115B
Terminal	4	XA - 864	XA - 864	XA - 864
Lockwasher, Gear Nut, 1/4	1	12X - 3074	12X - 3074	12X - 3074
Lockwasher, Thru Bolt, #10	2	12X - 196	12X - 196	12X - 196
Nut, Gear, Hex. 1/4 - 20	1	X - 3075	X - 3075	X - 3075
Nylon Disc	1	EPV - 78	EPV - 78	EPV - 78
Plate & Switch Assy.	1	EPV - 1113	EPV - 1113	EPV - 1113
Screw, Lock, Armature Adjusting, 5/16 - 24x7/16	1	XA - 863	XA - 863	XA - 863
Screw, Switch Cover, Fill. Hd. #8 - 32x3/8	5	8X - 3094	8X - 3094	8X - 3094
Sleeve, Ins., Lead Connection	3	EWJ - 156	EWJ - 156	EWJ - 156
Spring, Brush	2	EMV - 18	EMV - 18	EMV - 18
Washer, Plain, Gear Nut, 1/4" Thick	1	SW - 634	SW - 634	SW - 634
Washer, Spring, Crank Arm	1	EPV - 34	EPV - 34	EPV - 34
Washer, Thrust, Crank Arm	1	EPV - 26	EPV - 26	EPV - 26
Washer, Thrust, Inner, Crank Arm	1	EPV - 25	EPV - 25	EPV - 25

UNIT	APPLICATION
EPV - 4001	Imperial
EPV - 4001A	Chrysler, DeSoto, Dodge, Plymouth
EPV - 4001B	Dodge

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
ASSEMBLY
(Issued 10-4-56)

Name of Part	No. Used	EPV-5001	EPV-5001A	EPV-5001B
Bracket, Mounting	1	EPV-65	EPV-75	EPV-75
Crank Arm Assy., Long	1	EPV-1060	EPV-1117	EPV-1117
Eccentric Bushing	2	EPV-72	EPV-72	EPV-72
Eccentric Spring	2	EMZ-66	EMZ-66	EMZ-66
Grommet, 3/10" Hole	4	EPV-50	EPV-50	EPV-50
Grommet, 15/32" Hole	3	EMZ-40	EMZ-40	EMZ-40
Ground Strap	1	EPV-54	EPV-53	EPV-53
Link, Left	1	EPV-1070L	EPV-1071L	EPV-1071L
Link, Right	1	EPV-1070R	EPV-1071R	EPV-1071R
Lockwasher, Crank Arm, Skpf. 1/4	1	X-3316	X-3316	X-3316
Nut, Crank Arm, Hex. 1/4-28	1	8X-1063	8X-1063	8X-1063
Retainer	1	EMZ-32	EMZ-32	EMZ-32
Screw, Bracket, Rd. Hd. 1/4-20x3/8	3	23X-3261	23X-3261	23X-3261
Spring Trip	2	EPV-64	EPV-64	EPV-64
Spring Washer	2	EPV-94	EPV-94	EPV-94
Washer, Link Retainer	2	EPV-95	EPV-95	EPV-95
Washer, Steel, 15/32" Hole	3	EMZ-53	EMZ-53	EMZ-53
Washer, Steel, 9/32" Hole	3	EMZ-54	EMZ-54	EMZ-54
Wiper Motor	1	‡ EPV-4001	‡ EPV-4001A	‡ EPV-4001B

‡ See separate list for parts.

UNIT	APPLICATION
EPV-5001	Imperial
EPV-5001A	Chrysler, DeSoto, Dodge, Plymouth
EPV-5001B	Dodge

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 10-4-56)

Name of Part	No. Used	EPW - 4001	EPW - 4001A
Armature	1	EPW - 2006	EPW - 2006
Bolt, Thru	2	EWB - 20	EWB - 20
Bracket, Lead	1	EMU - 77	EMU - 77
Crank Arm Assy., Short	1	EPW - 1076	EPW - 1076
Frame & Field Assy.	1	EPW - 2001	EPW - 2001
Coil Assy., Field, Complete	1	EPW - 1005	EPW - 1005
Insulation, Field Connection	1	EWB - 64	EWB - 64
Screw, Pole Shoe	2	8X - 1521	8X - 1521
Gasket, Cover, D. E.	1	EMZ - 49	EMZ - 49
Gear, Right Hand	1	EMP - 43R	EMP - 43R
Head Assy., Comm. End	1	EPW - 2002	EPW - 2002
Brush (1" Lead)	1	EPF - 12	EPF - 12
Brush (1 1/4" Lead)	1	EPW - 12	EPW - 12
Head Assy., Drive End	1	EMZ - 2003	EMZ - 2003
Key, Gear	1	EMP - 40	EMP - 40
Lead Assy.	1	EPW - 1075	EPW - 1075A
Terminal	2	XA - 864	XA - 864
Lockwasher, Gear, 1/4	1	12X - 3074	12X - 3074
Lockwasher, Thru Bolt, #10	2	12X - 196	12X - 196
Nut, Gear, Hex. 1/4 - 20	1	X - 3075	X - 3075
Nylon Disc.	1	EMZ - 74	EMZ - 74
Plate, Switch Contact	1	EMP - 54	EMP - 54
Screw, Switch Contact, Fill. Hd. #8 - 32x3/8	5	8X - 3094	8X - 3094
Screw, Lock, Armature Adjusting, 1/4 - 20	1	EMZ - 57	EMZ - 57
Spring, Brush	2	EWF - 18	EWF - 18
Switch Contact Assy.	1	EMU - 2047	EMU - 2047
Washer, Plain, Gear Nut, 1/32" Thick	1	EMP - 34	EMP - 34
Washer, Plain, Gear Nut, .065" Thick	1	VAD - 176A	VAD - 176A
Washer, Spring, Crank Arm	1	EWY - 29	EWY - 29
Washer, Thrust, Crank Arm	1	EWJ - 45A	EWJ - 45A
Washer, Thrust, Inner, Crank Arm	1	EMP - 24	EMP - 24

UNIT	APPLICATION
EPW - 4001	DeSoto, Dodge, Plymouth
EPW - 4001A	Dodge

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
ASSEMBLY
(Issued 10- 4- 56)

Name of Part	No. Used	EPW - 5001	EPW - 5001A
Bracket, Mounting	1	EPW - 42	EPW - 42
Crank Arm Assy., Long	1	EPW - 1060	EPW - 1060
Grommet, 15/32" Hole	3	EMZ - 40	EMZ - 40
Grommet, 3/10" Hole	4	EPV - 50	EPV - 50
Ground Strap	1	EPW - 53	EPW - 53
Insulator, Terminal	2	XA - 869	XA - 869
Link, Left	1	EPW - 1070L	EPW - 1070L
Link, Right	1	EPW - 1070R	EPW - 1070R
Lockwasher, Crank Arm, Skpf. 1/4	1	X - 1745	X - 1745
Nut, Crank Arm, Hex. 1/4 - 28	1	8X - 1063	8X - 1063
Retainer	1	EMZ - 32	EMZ - 32
Screw, Bracket, Rd. Hd. 1/4 - 20x3/8	3	23X - 3261	23X - 3261
Washer, Brass	1	EMU - 72	EMU - 72
Washer, Felt, 3/8" Hole	4	EMD - 47	EMD - 47
Washer, Steel, 15/32" Hole	3	EMZ - 53	EMZ - 53
Washer, Steel, 9/32" Hole	3	EMZ - 54	EMZ - 54
Wiper Motor	1	‡ EPW - 4001	‡ EPW - 4001A

‡ See separate list for parts.

UNIT	APPLICATION
EPW - 5001	DeSoto, Dodge, Plymouth
EPW - 5001A	Dodge

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER

Name of Part	No.				
	Used	EW-4001	EW-4002	EW-4101	EW-4102
Armature	1	EW-2006A	EW-2006A	EW-2006A	EW-2006A
Bolt, Thru	2	EW-20	EW-20	EW-20	EW-20
Comm. End Head Assy.	1	EW-2002	EW-2002	EW-2002	EW-2002
Brush	2	EW-12	EW-12	EW-12	EW-12
Cover Plate	1	EW-50	EW-50	EW-207	EW-207
Cover, Switch	1	EW-1114	EW-1114	EW-1114	EW-1114
Crank Arm	1	EW-2110	EW-2143	EW-2185	EW-2186
Drive End Head Assy.	1	EW-2003	EW-2003	EW-2003A	EW-2003A
Gasket, Switch Cover	1	EW-121	EW-121	EW-189	EW-189
Lead	1	EW-120	EW-120	EW-120	EW-120
Lockwasher, Relay Mtg. Sc., #8	1	12X-195	12X-195	12X-195	12X-195
Lockwasher, Term. Blk. Sc., #10	2	12X-196	12X-196	12X-196	12X-196
Relay	1	EW-3055	EW-3055	EW-3055	EW-3055
Terminal Block	1	EW-1118	EW-1118	EW-1118	EW-1118
Screw, Contact Adj., Bdg. Hd. #8-32x5/16	1	8X-723	8X-723	8X-723	8X-723
Screw, Relay Mtg., Bdg. Hd. #8-32x3/16	1	8X-722	8X-722	8X-722	8X-722
Screw, Term. Blk., Rd. Hd. #10-32x3/8	2	8X-311	8X-311	8X-311	8X-311
Washer, Contact Sc., Skpf. #8	1	X-1275	X-1275	X-1275	X-1275
Frame & Field Assy.	1	EW-2001	EW-2130	EW-2001	EW-2130
Field Coil Assy., Complete	1	EW-1005	EW-1005	EW-1005	EW-1005
Field Coil Assy., Left	1	EW-1007	EW-1007	EW-1007	EW-1007
Lead	1	EW-49	EW-49	EW-49	EW-49
Field Coil, Right	1	EW-1008	EW-1008	EW-1008	EW-1008
Grommet	4	EW-41		EW-41	
Insulation, Field Connection	1	EW-157	EW-157	EW-157	EW-157
Tube, Insulating	1	EW-174	EW-174	EW-174	EW-174
Gasket, Cover Plate	1	EW-51	EW-51	EW-208	EW-208
Gear	1	EW-43	EW-43	EW-43	EW-43
Grommet	1	EW-119	EW-119	EW-119	EW-119
Grommet	1	EW-122	EW-122	EW-122	EW-122
Key, Gear	1	EW-40	EW-40	EW-40	EW-40
Lockwasher, #10	11	12X-196	12X-196	12X-196	12X-196
Lockwasher, Sw. Cover Sc., #8	3	12X-195	12X-195	12X-195	12X-195
Nut, Gear Hex. #10-32	1	X-173	X-173	X-173	X-173
Screw, Cover Plate, Fill. Hd. #10-32x5/16	5	8X-870	8X-870	8X-870	8X-870
Screw, Sw. Cover, Rd. Hd. #8-32x1/4	3	8X-305	8X-305	8X-305	8X-305
Screw, Term. Rd. Hd. #10-32x1/4	3	8X-312	8X-312	8X-312	8X-312
Spring, Brush	2	EW-18	EW-18	EW-18	EW-18

(Issued 7-13-48)

File in
Equipment & Parts List Binder

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER

Name of Part	No. Used	EW-5001	EW-5003	EW-5101	EW-5103
Link, Assembly	1	EW-1206	EW-1190	EW-1206	EW-1190
Link	1	EW-161A		EW-161A	
Link	1	EW-206		EW-206	
Lockwasher, #10	1	12X-196		12X-196	
Pin, Cotter, 1/16x1/2	1		8X-1531		8X-1531
Screw, Link, Hex. Hd. #10-32x3/8	1	8X-1523		8X-1523	
Washer, Plain, #10	1	8X-351		8X-351	
Link, Pivot	1	EW-100		EW-100	
Motor Assy. (See separate list for parts.)	1	EW-4001	EW-4002	EW-4101	EW-4102
Motor Connecting Link	1		EW-1132		EW-1132
Pin, Cotter, 1/16x1/2	2		8X-1531		8X-1531
Nut, Hex. #10-32 Cap	2	X-1030A	X-1030A	X-1030A	X-1030A
Nut, Pivot Arm	2	EW-81	EW-152	EW-81	EW-152
Pivot Support Assy., Left	1	EW-1089B	EW-2196	EW-1089B	EW-2196
Pivot Support Assy., Right	1	EW-2209	EW-2195	EW-2209	EW-2195
Spacer	2		EW-145		EW-145
Spring Assy.	3	EW-1095	EW-1095A(2)	EW-1095	EW-1095A(2)
Spring, Assy.	1		EW-1133		EW-1133
Switch Assy.	1		XA-535		XA-535
Washer, Brass	2	EW-159		EW-159	
Washer, Felt	4	EW-97	EW-97	EW-97	EW-97
Washer, Fibre	2	EW-160		EW-160	
Washer, Rubber	2		EW-141		EW-141
Wiper Arm Assy., Left	1	EW-2106LB	EW-2136L	EW-2106LB	EW-2136L
Spring	1	EW-103	EW-103	EW-103	EW-103
Wiper Arm Assy., Right	1	EW-2106RB	EW-2136R	EW-2106RB	EW-2136R
Spring	1	EW-103	EW-103	EW-103	EW-103
*Wiper Blade	2	XA-536	XA-537	XA-536	XA-537

* Not subject to standard discounts.

(Issued 7-19-48)

File in
Equipment & Parts List Binder

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER

Name of Part	No.		EWB-4001	EWB-4002
	Used			
Armature	1		EWB-2006	EWB-2006
Bolt, Thru	2		EWB-20	EWB-20 -
Bushing, Ins., Term. Stud	1		EWB-46	EWB-46
Comm. End Head Assy.	1		EWB-2002	EWB-2002
Brush	1		EWB-12	EWB-12
Cover Plate	1		EWB-1050	EWB-50A
Cover, Switch	1		EWB-1037	EWB-1037
Crank Arm	1		EWB-2041	EWB-2055
Crank Arm & Cam	1		EWB-2041A	EWB-2055A
Drive End Head Assy.	1		EWB-1003	EWB-1003
Grommet	1		EC-41	EC-41
Oil Seal	1		EWB-34	EWB-34
Pin, Dowel	1		IGF-98	IGF-98
Frame & Field Assy.	1		(EWB-2001)	(EWB-2060)
Bushing, Ins., Term. Stud	2		EWB-45	EWB-45
Field Coil Assy., Complete	1		EWB-1005	EWB-1005
Field Coil Assy., Left	1		EWB-1007	EWB-1007
Stud, Terminal	1		EWB-43	EWB-43
Field Coil Assy., Right	1		EWB-1008	EWB-1008
Lead Assy.	1		EWB-1043	EWB-1043
Stud, Terminal	1		EWB-43	EWB-43
Insulation, Field Connection	1		EWB-64	EWB-64
Insulation, Term. Stud	1		EWB-44	EWB-44
Lockwasher, Term. Stud, #10	2		12X-196	12X-196
Nut, Term. Stud, Hex. #10-32	2		8X-144	8X-144
Screw, Pole Shoe	2		8X-1521	8X-1521
Washer, Ins., Term. Stud	2		GBW-34	GBW-34
Washer, Plain, Term. Stud, #10	2		8X-349	8X-349
Gasket, Cover Plate	1		EWB-51	EWB-51
Gasket, Switch Cover	1		EWB-38	EWB-38
Gear	2		EW-43	EW-43
Grommet, Mtg. Stud	1		EW-41	
Insulation, Term. Stud	2		EWB-44	EWB-44
Key, Gear	2		EW-40	EW-40
Link †	2		EW-228	EW-1236
Lockwasher, #10	16		12X-196	12X-196
Lockwasher, Cover Sc., #8	4		12X-195	12X-195
Nut, Cover Plate Sc., Hex. #10-32	6		8X-144	8X-144
Nut, Gear	2		X-173	X-173
Pivot Support Assy. †	2		EW-1216	EW-1235
Pivot Support Cap †	2			EW-234
Relay Assy.	1		EWB-3055	EWB-3055
Bracket, Contact	1		EW-1070	EW-1070
Lockwasher, Relay Mtg. Sc. #8	1		X-195	X-195
Relay	1		EW-3055	EW-3055
Screw, Relay Mtg., Bdg. Hd.#8-32	1		8X-722	8X-722
Stud, Terminal	2		EWB-43	EWB-43
Resistor	1			EWB-1057
Screw, Contact Lock, Bdg. Hd.#8-32	1		8X-723	8X-723
Screw, Cover Plate, Fill. Hd.#10-32	6		8X-870	8X-870
Screw, Sw. Cover, Rd. Hd. #8-32	4		8X-305	8X-305
Spring Assy. †	4			EW-1095A
Spring, Brush	2		EW-18	EW-18
Stud, Adjusting	1		EW-125	EW-125
Stud, Mounting	1		EWB-65	EWB-56
Washer, Contact Sc., Plain #8	1		8X-350	8X-350
Washer, Mtg. Stud, Plain	1		8X-1576	X-1270

(Continued on Reversed Side)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER

Name of Part	No.		
	Used	EWB-4001	EWB-4002
Washer, Term. Stud, Plain #10	2	8X-183A	8X-183A
Wiper Arm Assy., Left †	1	EW-2231L	EW-2233L
Spring †	1	EW-103	EW-103
Wiper Arm Assy., Right †	1	EW-2231R	EW-2233R
Spring †	1	EW-103	EW-103

† These parts are used with but are not a part of these windshield wipers.

"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."

(Issued 7-21-48)

File in
Equipment & Parts List Binder

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER

Name of Part	No. Used	EWD-4001	EWD-4002
Armature	1	EWH-2006	EWH-2006
Bolt, Thru	2	EWD-20	EWD-20
Clamp, Wiring Harness	1	EWD-76	EWD-76
Comm. End Head Assy.	1	EWD-2002	EWD-2002
Brush	2	EWD-12	EWD-12
Cover Plate	1	EWD-50	EWD-50
Crank Arm	1	EWD-2030	EWD-2071
Crank Arm & Cam	1	EWD-2030A	EWD-2071A
Drive End Head Assy.	1	EWH-1003S	EWH-1003S
Grommet	1	EC-41	EC-41
Pin, Dowel	1	IGF-98	IGF-98
Frame & Field Assy.	1	(EWD-2001)	(EWD-2001A)
Field Coil Assy., Complete	1	EWD-1005	EWD-1005
Field Coil Assy., Left	1	EWD-1007	EWD-1007
Lead	1	EWD-41	EWD-41
Field Coil, Right	1	EWD-1008	EWD-1008
Grommet, Mtg.	1	EC-41	EC-41
Insulation, Field Connection	1	EWB-64	EWB-64
Rivet, Field Ground	1	X-1560	X-1560
Screw, Pole Shoe	2	8X-1521	8X-1521
Stud, Mtg.	1	EWB-65	EWB-56
Terminal, Field Ground	1	EWD-63	EWD-63
Washer, Mtg. Stud	1	EW-156	EW-156
Washer, Mtg. Stud	1	8X-1576	X-1274
Gasket, Cover Plate	1	EWD-51	EWD-51
Gear	2	EW-43	EW-43
Key, Gear	2	EW-40	EW-40
Lead, Resistor, Black	1	EWD-69	EWD-69
Lockwasher, #10	10	12X-196	12X-196
Lockwasher, Clamp Sc., #8	2	12X-195	12X-195
Nut, Gear, Hex. #10-32	2	X-173	X-173
Resistor - Marked 3.5	1	EWD-61	EWD-61
Screw, Cover Plate, Fill. Hd. #10-32x5/16	6	8X-870	8X-870
Screw, Clamp, Rd. Hd.#8-32x5/16	2	8X-304	8X-304
Screw, Res. Mtg., Rd. Hd. #8-32x9/16	2	8X-47	8X-47
Screw, Sw. Adj., Rd. Hd.#8-32x1/4	1	8X-305	8X-305
Spring, Brush	2	EW-18	EW-18
Switch, Parking	1	EWD-2055	EWD-2055
Terminal, Resistor Lead	2	EWD-58	EWD-58
Tube, Ins., Res. Mtg.	2	EWD-46	EWD-46
Washer, Ins., Res. Mtg.	2	MU-26	MU-26
Washer, Ins., Res. Mtg.	2	X-1162	X-1162
Washer, Res. & Sw. Adj. Sc. Plain#8	3	8X-350	8X-350
Washer, Rd. & Sw. Adj. Sc. Skpf.#8	3	X-1275	X-1275
Washer, Spring, Gear	2	EWH-25	EWH-25
Washer, Thrust, Crank Arm	4	EWH-26	EWH-26
Wiring Harness	1	EWD-1048	EWD-1077

(Issued 7-26-48)

"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."

File in
Equipment & Parts List Binder

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER

Name of Part	No. Used	EWD-5001	EWD-5002	EWD-5003
Link, L.H.	1	EWD-100	EWD-109	EWD-100
Link, R.H.	1	EWD-100	EWD-108	EWD-100
Motor Assy. (See separate list for parts.)	1	EWD-4001	EWD-4002	EWD-4001
Nut, Wiper Arm Mtg., Hex. 1/4-28	2	X-1583	X-1583	X-1583
Pivot Support Assy.	2	EWD-1090	EWD-1113	EWD-1090
Pivot Support Cap	2		EWD-111	
Retainer	4		EWD-115	
Washer, Felt	4		EW-97	
Wiper Arm Assy., Left	1	EWD-2106L	EWD-2233L	EWD-2106LA
Spring	1	EW-103	EW-103	EW-103
Wiper Arm Assy., Right	1	EWD-2106R	EWD-2233R	EWD-2106RA
Spring	1	EW-103	EW-103	EW-103

(Issued 7-26-48)

File in
Equipment & Parts List Binder

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER

Name of Part	No. Used	EWH-4001	EWH-4002
Armature	1	EWH-2006	EWH-2006
Bolt, Thru	2	EWD-20	EWD-20
Clamp, Wiring Harness	1	EWD-76	EWD-76
Comm. End Head Assy.	1	EWD-2002	EWD-2002
Brush	2	EWD-12	EWD-12
Cover Plate	1	EWD-50	EWD-50
Crank Arm	1	EWD-2030	EWD-2071
Crank Arm & Cam	1	EWD-2030A	EWD-2071A
Drive End Head Assy.	1	EWH-1003S	EWH-1003S
Grommet	1	EC-41	EC-41
Pin, Dowel	1	IGF-98	IGF-98
Frame & Field Assy.	1	(EWD-2001)	(EWD-2001A)
Field Coil Assy., Complete	1	EWD-1005	EWD-1005
Field Coil Assy., Left	1	EWD-1007	EWD-1007
Lead	1	EWD-41	EWD-41
Field Coil, Right	1	EWD-1008	EWD-1008
Grommet, Mtg.	1	EC-41	
Insulation, Field Connection	1	EWB-64	EWB-64
Rivet, Field Ground	1	X-1560	X-1560
Screw, Pole Shoe	2	8X-1521	8X-1521
Stud, Mtg.	1	EWB-65	EWB-56
Terminal, Field Ground	1	EWD-63	EWD-63
Washer, Mtg. Stud	1	EW-156	
Washer, Mtg. Stud	1	8X-1576	X-1274
Gasket, Cover Plate	1	EWD-51	EWD-51
Gear	2	EW-43	EW-43
Key, Gear	2	EW-40	EW-40
Lead, Resistor, Black	1	EWD-69	EWD-69
Lockwasher, #10	10	12X-196	12X-196
Lockwasher, Clamp Sc., #8	2	12X-195	12X-195
Nut, Gear, Hex. #10-32	2	X-173	X-173
Resistor - Marked 3.5	1	EWD-61	EWD-61
Screw, Cover Plate, Fill Hd. #10-32x5/16	6	8X-870	8X-870
Screw, Clamp, Rd. Hd. #8-32x5/16	2	8X-304	8X-304
Screw, Res. Mtg., Rd. Hd. #8-32x9/16	2	8X-47	8X-47
Screw, Sw. Adj., Rd., Hd. #8-32x1/4	1	8X-305	8X-305
Spring, Brush	2	EW-18	EW-18
Switch, Parking	1	EWD-2055	EWD-2055
Terminal, Resistor Lead	2	EWD-58	EWD-58
Tube, Ins., Res. Mtg.	2	EWD-46	EWD-46
Washer, Ins., Res. Mtg.	2	MU-26	MU-26
Washer, Ins., Res. Mtg.	2	X-1162	X-1162
Washer, Res. & Sw. Adj. Sc., Plain#8	3	8X-350	8X-350
Washer, Res. & Sw. Adj. Sc., Skpf.#8	3	X-1275	X-1275
Washer, Spring, Gear	2	EWB-25	EWB-25
Washer, Thrust, Crank Arm	4	EWB-26	EWB-26
Wiring Harness	1	EWD-1048	EWD-1116

(Issued 7-26-48)

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File in
Equipment & Parts List Binder

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER

Name of Part	No.			
	Used	EW-5001	EW-5003	EW-5004
Link, L.H.	1	EWD-100	EWD-100	EWD-109
Link, R.H.	1	EWD-100	EWD-100	EWD-108
Motor Assy. (See separate list for parts.)	1	EW-4001	EW-4001	EW-4002
Nut, Wiper Arm Mtg., Hex. 1/4-28	2	X-1583	X-1583	
Pivot Support Assy.	2	EWD-1090	EWD-1090	EWD-1113
Pivot Support Cap	2			EWD-111
Retainer	4			EWD-115
Wiper Arm Assy., Left	1	EWD-2106L	EWD-2106LA	EWD-2233L
Spring	1	EW-103	EW-103	EW-103
Wiper Arm Assy., Right	1	EWD-2106R	EWD-2106RA	EWD-2233R
Spring	1	EW-103	EW-103	EW-103

(Issued 7-26-48)

File in
Equipment & Parts List Binder

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 5-18-54)

Name of Part	No.				
	Used	EWJ-4001	EWJ-4001A	EWJ-4002	EWJ-4003
Arm, Crank	2	EWJ-2071	EWJ-2071	EWJ-2076	EWJ-2071
Armature	1	EWJ-2006	EWJ-2006	EWJ-2006	EWJ-2006
Base Plate & Switch Assembly	1	EWJ-2056	EWJ-2056	EWJ-2056	EWJ-2056
Bolt, Thru	2	EWJ-20	EWJ-20	EWJ-20	EWJ-20
Cover Assembly, Switch	1	EWJ-1055	EWJ-1055	EWJ-1055	EWJ-1055
Cover	1	EWJ-55	EWJ-55	EWJ-55	EWJ-55
Grommet	1	SSB-43	SSB-43	SSB-43	SSB-43
Frame & Field Assembly	1	EWJ-2001	EWJ-2001	EWJ-2001	EWJ-2001
Coil Assy., Field, Complete	1	EWJ-1005	EWJ-1005	EWJ-1005	EWJ-1005
Insulation, Field Coil	1	EWJ-163	EWJ-163	EWJ-163	EWJ-163
Coil, Field	1	EWJ-1007	EWJ-1007	EWJ-1007	EWJ-1007
Coil, Field, Grounded	1	EWJ-1008	EWJ-1008	EWJ-1008	EWJ-1008
Screw, Pole Shoe	2	8X-1521	8X-1521	8X-1521	8X-1521
Gasket, Cover Plate	2	EWJ-51	EWJ-51	EWJ-51	EWJ-51
Gear, Left Hand	1	EWJ-43L	EWJ-43L	EWJ-43L	EWJ-43L
Gear, Right Hand	1	EWJ-43R	EWJ-43R	EWJ-43R	EWJ-43R
Head Assembly, Comm. End	1	EWJ-2002	EWJ-2002	EWJ-2002	EWJ-2002
Brush	2	EWD-12	EWD-12	EWD-12	EWD-12
Head Assembly, Drive End	1	EWJ-2003	EWJ-2003	EWJ-2003	EWJ-2003
Grommet	1	EWJ-19	EWJ-19	EWJ-19	EWJ-19
Key, Gear	2	EWJ-40	EWJ-40	EWJ-40	EWJ-40
Lead Assembly	1	EWJ-75	EWJ-75C	EWJ-75A	EWJ-75
Lockwasher, Cover Screw, #8	8	12X-195	12X-195	12X-195	12X-195
Lockwasher, Gear Screw, 1/4	2	12X-3074	12X-3074	12X-3074	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196	12X-196	12X-196	12X-196
Nut, Gear, Hex. 1/4-20	2	X-3075	X-3075	X-3075	X-3075
Plate, Cover	1	EWJ-50	EWJ-50	EWJ-50	EWJ-50
Plate, Gear	1	EWJ-54	EWJ-54	EWJ-41	EWJ-128
Plunger	1	EWJ-64	EWJ-64	EWJ-64	EWJ-64
Screw, Cover, Fill. Hd. #8-32x5/16	8	8X-888	8X-888	8X-888	8X-888
Spring, Brush	2	EW-18	EW-18	EW-18	EW-18
Tube, Insulating	1	EWJ-78	EWJ-78	EWJ-78	EWJ-78
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWJ-81	EWJ-81	EWJ-81	EWJ-81
Washer, Arm. Thrust, C. E. & D. E., 1/32" Thick	3	EWJ-81A	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWJ-81A	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., .023" Thick	*	EWJ-81B	EWJ-81B	EWJ-81B	EWJ-81B
Washer, Gear	1	EWJ-47	EWJ-47	EWJ-47	EWJ-47
Washer, Spring, Crank Arm	2	EWJ-39	EWJ-39	EWJ-39	EWJ-39
Washer, Thrust, Crank Arm	4	EWJ-45	EWJ-45	EWJ-45	EWJ-45

* Use as Required.

UNIT	APPLICATION
EWJ-4001	Chrysler, DeSoto, Dodge
EWJ-4001A	Chrysler
EWJ-4002	Dodge (Truck)
EWJ-4003	Chrysler, DeSoto, Dodge

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 5-18-54)

Name of Part	No. Used	EWJ-4004	EWJ-4005	EWJ-4006	EWJ-4007
Arm, Crank	2	EWJ-2071	EWJ-2071	EWJ-2143	EWJ-2071
Armature	1	EWJ-2006	EWJ-2006	EWJ-2006	EWJ-2006
Base Plate & Switch Assembly	1	EWJ-2056	EWJ-2056	EWJ-2056	EWJ-2056
Bolt, Thru	2	EWJ-20	EWJ-20	EWJ-20	EWJ-20
Cover Assembly, Switch	1	EWJ-1055	EWJ-1055	EWJ-1055	EWJ-1055
Cover	1	EWJ-55	EWJ-55	EWJ-55	EWJ-55
Grommet	1	SSB-43	SSB-43	SSB-43	SSB-43
Frame & Field Assembly	1	EWJ-2001	EWJ-2001	EWJ-2001	EWJ-2145
Coil Assy., Field, Complete	1	EWJ-1005	EWJ-1005	EWJ-1005	EWJ-1005
Insulation, Field Coil	1	EWJ-163	EWJ-163	EWJ-163	EWJ-163
Coil, Field	1	EWJ-1007	EWJ-1007	EWJ-1007	EWJ-1007
Coil, Field, Grounded	1	EWJ-1008	EWJ-1008	EWJ-1008	EWJ-1008
Screw, Pole Shoe	2	8X-1521	8X-1521	8X-1521	8X-1521
Gasket, Cover Plate	2	EWJ-51	EWJ-51	EWJ-51	EWJ-51
Gear, Left Hand	1	EWJ-43L	EWJ-43L	EWJ-43L	EWJ-43L
Gear, Right Hand	1	EWJ-43R	EWJ-43R	EWJ-43R	EWJ-43R
Head Assembly, Comm. End	1	EWJ-2002	EWJ-2002	EWJ-2002	EWJ-2002A
Brush	2	EWD-12	EWD-12	EWD-12	EWD-12
Head Assembly, Drive End	1	EWJ-2003	EWJ-2003	EWJ-2003	EWJ-2003A
Grommet	1	EWJ-19	EWJ-19	EWJ-19	EWJ-19
Key, Gear	2	EWJ-40	EWJ-40	EWJ-40	EWJ-40
Lead Assembly	1	EWJ-75B	EWJ-75	EWJ-75A	EWJ-75
Lockwasher, Cover Screw, #8	8	12X-195	12X-195	12X-195	12X-195
Lockwasher, Gear Screw, 1/4	2	12X-3074	12X-3074	12X-3074	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196	12X-196	12X-196	12X-196
Nut, Gear, Hex. 1/4-20	2	X-3075	X-3075	X-3075	X-3075
Plate, Cover	1	EWJ-50	EWJ-50	EWJ-50	EWJ-50
Plate, Gear	1	EWJ-128	EWJ-136	EWJ-41	EWJ-54
Plunger	1	EWJ-64	EWJ-64	EWJ-64	EWJ-64
Screw, Cover, Fill. Hd. #8-32x5/16	8	8X-888	8X-888	8X-888	8X-888
Spring, Brush	2	EW-18	EW-18	EW-18	EW-18
Tube, Insulating	1	EWJ-78	EWJ-78	EWJ-78	EWJ-78
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWJ-81	EWJ-81	EWJ-81	EWJ-81
Washer, Arm. Thrust, C. E. & D. E., 1/32" Thick	3	EWJ-81A	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWJ-81A	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., .023" Thick	*	EWJ-81B	EWJ-81B	EWJ-81B	EWJ-81B
Washer, Gear	1	EWJ-47	EWJ-47	EWJ-47	EWJ-47
Washer, Spring, Crank Arm	2	EWJ-39	EWJ-39	EWJ-39	EWJ-39
Washer, Thrust, Crank Arm	4	EWJ-45	EWJ-45	EWJ-45	EWJ-45

* Use as required.

UNIT	APPLICATION
EWJ-4004	Kaiser-Frazer
EWJ-4005	Volvo (Taxi)(Export)
EWJ-4006	Dodge (Truck), DeSoto (Truck) (Export), Fargo (Truck)(Canada)
EWJ-4007	DeSoto, Dodge

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 5-18-54)

Name of Part	No.				
	Used	EWJ-4007A	EWJ-4008	EWJ-4008A	EWJ-4009
Arm, Crank	2	EWJ-2071	EWJ-2071	EWJ-2071	EWJ-2071
Armature	1	EWJ-2006	EWJ-2006	EWJ-2006	EWJ-2006
Base Plate & Switch Assembly	1	EWJ-2056			EWJ-2056
Bolt, Thru	2	EWJ-20	EWJ-20	EWJ-20	EWJ-20
Bracket & Cover Assy., Mounting	1		EWJ-1158	EWJ-1158	
Eyelet	2		EWY-94	EWY-94	
Grommet	2		EWY-42	EWY-42	
Bracket & Switch Assy., Mounting	1		EWJ-2154	EWJ-2154	
Eyelet	1		EWY-94	EWY-94	
Grommet	1		EWY-42	EWY-42	
Cover, Switch	1		EWJ-159	EWJ-159	
Cover Assembly, Switch	1	EWJ-1055			EWJ-1055
Cover	1	EWJ-55			EWJ-55
Grommet	1	SSB-43			SSB-43
Frame & Field Assembly	1	EWJ-2145	EWJ-2001A	EWJ-2001A	EWJ-2145
Coil Assy., Field, Complete	1	EWJ-1005	EWJ-1005	EWJ-1005	EWJ-1005
Insulation, Field Coil	1	EWJ-163	EWJ-163	EWJ-163	EWJ-163
Coil, Field	1	EWJ-1007	EWJ-1007	EWJ-1007	EWJ-1007
Coil, Field, Grounded	1	EWJ-1008	EWJ-1008	EWJ-1008	EWJ-1008
Screw, Pole Shoe	2	8X-1521	8X-1521	8X-1521	8X-1521
Gasket, Cover Plate	2	EWJ-51	EWJ-51	EWJ-51	EWJ-51
Gear, Left Hand	1	EWJ-43L	EWJ-43L	EWJ-43L	EWJ-43L
Gear, Right Hand	1	EWJ-43R	EWJ-43R	EWJ-43R	EWJ-43R
Head Assembly, Comm. End	1	EWJ-2002A	EWJ-2002A	EWJ-2002A	EWJ-2002A
Brush	2	EWD-12	EWD-12	EWD-12	EWD-12
Head Assembly, Drive End	1	EWJ-2003A	EWJ-2003A	EWJ-2003A	EWJ-2003A
Grommet	1	EWJ-19	EWJ-19	EWJ-19	EWJ-19
Key, Gear	2	EWJ-40	EWJ-40	EWJ-40	EWJ-40
Lead Assembly	1	EWJ-75C	EMG-75A	EMG-75	EWJ-75B
Lockwasher, Cover Screw, #8	8	12X-195	12X-195	12X-195	12X-195
Lockwasher, Gear Screw, 1/4	2	12X-3074	12X-3074	12X-3074	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196	12X-196	12X-196	12X-196
Nut, Gear, Hex. 1/4-20	2	X-3075	X-3075	X-3075	X-3075
Plate, Cover	1	EWJ-50			EWJ-50
Plate, Gear	1	EWJ-54	EWJ-155	EWJ-155	EWJ-128
Plunger	1	EWJ-64			EWJ-64
Screw, Cover, Fill. Hd. #8-32x5/16	8	8X-888	8X-888	8X-888	8X-888
Sleeve, Insulating, Lead Connection	1		EWJ-156	EWJ-156	
Spring, Brush	2	EW-18	EW-18	EW-18	EW-18
Tube, Insulating	1	EWJ-78	EMG-78	EMG-78	EWJ-78
Washer, Arm. Thrust, D.E., 1/64" Thick	*	EWJ-81	EWJ-81	EWJ-81	EWJ-81
Washer, Arm. Thrust, C.E. & D.E., 1/32" Thick	3	EWJ-81A	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D.E., 1/32" Thick	*	EWJ-81A	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D.E., .023" Thick	*	EWJ-81B	EWJ-81B	EWJ-81B	EWJ-81B
Washer, Gear	1	EWJ-47	EWJ-47	EWJ-47	EWJ-47
Washer, Spring, Crank Arm	2	EWJ-39	EWJ-39	EWJ-39	EWJ-39
Washer, Thrust, Crank Arm	4	EWJ-45	EWJ-45	EWJ-45	EWJ-45

* Use as required.

UNIT	APPLICATION
EWJ-4007A	Chrysler
EWJ-4008	Chrysler
EWJ-4008A	Dodge
EWJ-4009	Kaiser-Frazer

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 5-18-54)

Name of Part	No. Used	EWJ-4010	EWJ-4011	EWJ-4012
Arm, Crank	2	EWJ-2071	EWJ-2143	EWJ-2071
Armature	1	EWJ-2006	EWJ-2006	EWJ-2006
Base Plate & Switch Assembly	1	EWJ-2056	EWJ-2056	EWJ-2056
Bolt, Thru	2	EWJ-20	EWJ-20	EWJ-20
Cover Assembly, Switch	1	EWJ-1055	EWJ-1055	EWJ-1055
Cover	1	EWJ-55	EWJ-55	EWJ-55
Grommet	1	SSB-43	SSB-43	SSB-43
Frame & Field Assembly	1	EWJ-2145	EWJ-2145	EWJ-2145
Coil Assy., Field, Complete	1	EWJ-1005	EWJ-1005	EWJ-1005
Insulation, Field Coil	1	EWJ-163	EWJ-163	EWJ-163
Coil, Field	1	EWJ-1007	EWJ-1007	EWJ-1007
Coil, Field, Grounded	1	EWJ-1008	EWJ-1008	EWJ-1008
Screw, Pole Shoe	2	8X-1521	8X-1521	8X-1521
Gasket, Cover Plate	2	EWJ-51	EWJ-51	EWJ-51
Gear, Left Hand	1	EWJ-43L	EWJ-43L	EWJ-43L
Gear, Right Hand	1	EWJ-43R	EWJ-43R	EWJ-43R
Head Assembly, Comm. End	1	EWJ-2002A	EWJ-2002A	EWJ-2002A
Brush	2	EWD-12	EWD-12	EWD-12
Head Assembly, Drive End	1	EWJ-2003A	EWJ-2003A	EWJ-2003A
Grommet	1	EWJ-19	EWJ-19	EWJ-19
Key, Gear	2	EWJ-40	EWJ-40	EWJ-40
Lead Assembly	1	EWJ-75	EWJ-75A	EWJ-1075G
Lockwasher, Cover Screw, #8	8	12X-195	12X-195	12X-195
Lockwasher, Gear Screw, 1/4	2	12X-3074	12X-3074	12X-3074
Lockwasher, Thru Bolt, #10	2	12X-196	12X-196	12X-196
Nut, Gear, Hex. 1/4-20	2	X-3075	X-3075	X-3075
Plate, Cover	1	EWJ-50	EWJ-50	EWJ-50
Plate, Gear	1	EWJ-136	EWJ-41	EWJ-128
Plunger	1	EWJ-64	EWJ-64	EWJ-64
Screw, Cover, Fill. Hd. #8-32x5/16	8	8X-888	8X-888	8X-888
Spring, Brush	2	EW-18	EW-18	EW-18
Tube, Insulating	1	EWJ-78	EWJ-78	EWJ-78
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWJ-81	EWJ-81	EWJ-81
Washer, Arm. Thrust, C. E. & D. E. 1/32" Thick	3	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust, D. E., .023" Thick	*	EWJ-81B	EWJ-81B	EWJ-81B
Washer, Gear	1	EWJ-47	EWJ-47	EWJ-47
Washer, Spring, Crank Arm	2	EWJ-39	EWJ-39	EWJ-39
Washer, Thrust, Crank Arm	4	EWJ-45	EWJ-45	EWJ-45

* Use as required.

UNIT	APPLICATION
EWJ-4010	Volvo (Taxi)(Export)
EWJ-4011	Dodge (Truck), DeSoto (Truck) (Canada), Fargo (Truck)(Canada)
EWJ-4012	Kaiser

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
(Issued 5-18-54)

Name of Part	No. Used	EWJ-5004	EWJ-5009	EWJ-5012
Bracket Assembly, Mounting	1	EWJ-1133	EWJ-1133	EWJ-1133
Grommet	4	EWJ-42	EWJ-42	EWJ-42
Stud, Mounting	4	EWJ-23	EWJ-23	EWJ-23
Washer, Plain, Bracket Mounting Stud	3	SW-634A	SW-634A	SW-634A
Windshield Wiper Motor (See Separate List for Parts)	1	EWJ-4004	EWJ-4009	EWJ-4012

UNIT	APPLICATION
EWJ-5004	Kaiser-Frazer
EWJ-5009	Kaiser
EWJ-5012	Kaiser

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER

Name of Part	No. Used	EWK-4001	EWK-4002	EWK-4101	EWK-4102
Armature	1	EWK-2006	EWK-2006	EWK-2006	EWK-2006
Bolt, Thru	2	EW-20	EW-20	EW-20	EW-20
Cover Plate	1	EWK-50	EWK-50A	EWK-50B	EWK-50C
Crank Arm	1	EWK-2071	EWK-2072	EWK-2071	EWK-2072
Frame & Field Assy.	1	(EWK-2001)	(EWK-2001)	(EWK-2001)	(EWK-2001)
Coil Assy., Field, Complete	1	EWK-1005	EWK-1005	EWK-1005	EWK-1005
Coil Assy., Field, Left	1	EWK-1007	EWK-1007	EWK-1007	EWK-1007
Lead	1	EWD-41B	EWD-41B	EWD-41B	EWD-41B
Coil, Field, Right	1	EWK-1008	EWK-1008	EWK-1008	EWK-1008
Insulation, Field Connection	1	EWB-64	EWB-64	EWB-64	EWB-64
Rivet, Field, Grd. Term.	1	19X-1474	19X-1474	19X-1474	19X-1474
Screw, Pole Shoe	2	19X-1521	19X-1521	19X-1521	19X-1521
Terminal, Field Ground	1	EWD-63	EWD-63	EWD-63	EWD-63
Gasket, Cover Plate	1	EW-208	EW-208	EW-208	EW-208
Gear	1	EWK-43	EWK-43	EWK-43	EWK-43
Head Assy., Comm. End	1	EW-2002	EW-2002	EW-2002	EW-2002
Brush	2	EW-12	EW-12	EW-12	EW-12
Head Assy., Drive End	1	EWK-2003	EWK-2003A	EWK-2003C	EWK-2003C
Clamp, Lead	1	EWK-14	EWK-14	EWK-14	EWK-14
Head, Drive End	1	EWK-1003	EWK-1003	EWK-1003A	EWK-1003A
Insulation, Resistor	1	EWK-68	EWK-68	EWK-68	EWK-68
Insulating Tube, Res. Mtg. Screw	2	EWD-46	EWD-46	EWD-46	EWD-46
Lead Assy.	1	EWK-1048	EWK-1048A	EWK-1048A	EWK-1048A
Lead, Resistor (Black)	1	EWD-69A	EWD-69A	EWD-69A	EWD-69A
Lockwasher, Clamp Sc., #10	1	12X-196	12X-196	12X-196	12X-196
Resistor (Marked 2)	1	EWD-61B	EWD-61B	EWD-61B	EWD-61B
Screw, Clamp, Rd. Hd. #10-32x5/16	1	19X-321	19X-321	19X-321	19X-321
Screw, Res. Mtg., Rd. Hd. #8-32x11/16	2	19X-1494	19X-1494	19X-1494	19X-1494
Screw, Switch Adj., Rd. Hd. #8-32x1/4	1	19X-305	19X-305	19X-305	19X-305
Switch, Parking	1	EWK-2055	EWK-2055	EWK-2057	EWK-2057
Terminal, Res. Lead	2	EWD-58	EWD-58	EWD-58	EWD-58
Washer, Ins., Res. Mtg. Sc.	4	X-1162	X-1162	X-1162	X-1162
Washer, Plain, Res. Mtg. & Switch Adj. Sc.#8	3	19X-350	19X-350	19X-350	19X-350
Washer, Res. Mtg. & Switch Adj. Sc., Skpf. #8	3	X-1275	X-1275	X-1275	X-1275
Key, Gear	1	EW-40	EW-40	EW-40	EW-40
Lockwasher, Thru Bolt, Cover Sc., Gear Sc., #10	8	12X-196	12X-196	12X-196	12X-196
Nut, Gear, Hex. #10-32	1	X-173	X-173	X-173	X-173
Screw, Cover, Fill. Hd. #10-32x5/16	5	19X-870	19X-870	19X-870	19X-870
Spring, Brush	2	EW-18	EW-18	EW-18	EW-18
Washer, Arm. Thrust	*	EWJ-81	EWJ-81	EWJ-81	EWJ-81
Washer, Arm. Thrust	*	EWJ-81A	EWJ-81A	EWJ-81A	EWJ-81A
Washer, Arm. Thrust	*	EWJ-81B	EWJ-81B	EWJ-81B	EWJ-81B
Washer, Thrust, Crank Arm	2	EWK-26	EWK-26	EWK-26	EWK-26

UNIT	APPLICATION
EWK-4001 EWK-4002 EWK-4101 EWK-4102	Dodge (Truck)

(Issued 4-4-49)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 4-10-51)

Name of Part	No. Used	EWR-4001	EWR-4001A
Armature	1	EWR-2006	EWR-2006
Bolt, Thru	2	EWJ-20	EWJ-20
Bracket Assy., Comm. End	1	EWR-1084	EWR-1084
Grommet	1	EWR-42	EWR-42
Bracket & Switch Assy., Drive End	1	EWR-2082	EWR-2082
Grommet	1	EWR-42	EWR-42
Plunger	1	EWR-64	EWR-64
Retainer	1	EWR-63	EWR-63
Washer, Felt	1	EWR-62	EWR-62
Crank Arm Assy., Short	1	EWR-1071	EWR-1071
Frame & Field Assy.	1	(EWR-2001)	(EWR-2001)
Coil Assy., Field, Complete	1	EWR-1005	EWR-1005
Insulation, Field Connection	1	EWR-23	EWR-23
Screw, Pole Shoe	2	8X-1521	8X-1521
Gasket, Switch Cover	1	EWR-51	EWR-51
Gear, Left Hand	1	EWR-43	EWR-43
Head Assy., Comm. End	1	EWR-2002	EWR-2002
Brush	2	EWD-12	EWD-12
Head Assy., Drive End	1	EWR-2003	EWR-2003
Pin, Dowel	1	IGF-98	IGF-98
Key, Gear	1	EWJ-40	EWJ-40
Lead Assy.	1	EWR-75	EWR-75A
Lockwasher, Thru Bolt & Gear Sc., #10	3	12X-196	12X-196
Nut, Gear, Hex. #10-32	1	X-173	X-173
Plate, Gear	1	EWR-54	EWR-54
Screw, Switch Cover, Fill. Hd. #8-32x5/16	4	8X-3094	8X-3094
Spring, Brush	2	EW-18	EW-18
Switch Cover	1	EWR-55	EWR-55
Washer, Arm. Thrust, D. E.	*	EWR-81	EWR-81
Washer, Arm. Thrust, D. E.	1	EWR-81A	EWR-81A
Washer, Arm. Thrust, D. E.	*	EWR-81A	EWR-81A
Washer, Arm. Thrust, D. E.	*	EWR-81B	EWR-81B
Washer, Thrust, Crank Arm	1	EWJ-45	EWJ-45

* Use as required.

UNIT	APPLICATION
EWR-4001	Dodge
EWR-4001A	Dodge (Canada), Plymouth

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER

(Issued 4-10-51)

Name of Part	No.	EWR-5001A	EWR-5001B	EWR-5001C	EWR-5001D	EWR-5001E
	Used					
Crank Arm Assy., Long	1	EWR-1072	EWR-1072	EWR-1072	EWR-1072	EWR-1072
Link, Left	1	EWR-1096L	EWR-1097L	EWR-1098L	EWR-1099L	EWR-1100L
Link, Right	1	EWR-1096R	EWR-1097R	EWR-1098R	EWR-1099R	EWR-1100R
Lockwasher, Crank Arm, 1/4	1	12X-3074	12X-3074	12X-3074	12X-3074	12X-3074
Nut, Crank Arm, Hex. 1/4-20	1	8X-163	8X-163	8X-163	8X-163	8X-163
Retainer	1	EWD-115	EWD-115	EWD-115	EWD-115	EWD-115
Washer	1	EWJ-132	EWJ-132	EWJ-132	EWJ-132	EWJ-132
Washer, Felt	4	EWJ-131	EWJ-131	EWJ-131	EWJ-131	EWJ-131
Wiper Motor (See Separate List For Parts)	1	EWR-4001A	EWR-4001A	EWR-4001	EWR-4001	EWR-4001

UNIT	APPLICATION
EWR-5001A	Dodge (Canada), Plymouth
EWR-5001B	Plymouth
EWR-5001C	Dodge
EWR-5001D	Dodge
EWR-5001E	Dodge (Roadster)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
MOTOR
(Issued 9-13-54)

Name of Part	No. Used	EWY-4001	EWY-4001A	EWY-4002
Armature	1	EWY-2006	EWY-2006	EWY-2006
Bolt, Thru	2	EWJ-20	EWJ-20	EWJ-20
Bracket Assy., Comm. End	1	EWR-1084	EWR-1084	EWY-1084
Eyelet	1	EWY-94	EWY-94	EWY-94 (2)
Grommet	1	EWY-42	EWY-42	EWY-42 (2)
Bracket & Switch Assy., Drive End	1	EWR-2082	EWR-2082	EWY-2082
Eyelet	1	EWY-94	EWY-94	EWY-94
Grommet	1	EWY-42	EWY-42	EWY-42
Plunger	1	EWR-64	EWR-64	EWR-64
Retainer	1	EWR-63	EWR-63	EWR-63
Washer, Felt Cover, Switch	1	EWR-62	EWR-62	EWR-62
Cover, Switch	1	EWR-55	EWR-55	EWR-55
Crank Arm Assy., Short	1	EWR-1071S	EWR-1071S	EWR-1071S
Frame & Field Assy.	1	EWY-2001	EWY-2001	EWY-2001
Coil Assy., Field, Complete	1	EWY-1005	EWY-1005	EWY-1005
Insulation, Field Connection	1	EWR-23	EWR-23	EWR-23
Screw, Pole Shoe	2	8X-1521	8X-1521	8X-1521
Gasket, Switch Cover	1	EWR-51	EWR-51	EWR-51
Gear, Left Hand	1	EWR-43	EWR-43	EWR-43
Head Assy., Comm. End	1	EWY-2002	EWY-2002	EMD-2002
Brush	2	EWD-12	EWD-12	EWD-12
Head Assy., Drive End	1	EWY-2003	EWY-2003	EWY-2003
Key, Gear	1	EWJ-40	EWJ-40	EWJ-40
Lead Assy.	1	EWR-75	EWR-75A	EWR-75A
Lockwasher, Thru Bolt & Gear Sc., #10	3	12X-196	12X-196	12X-196
Nut, Gear, Hex. #10-32	1	8X-173	8X-173	8X-173
Plate, Gear	1	EWR-54	EWR-54	EWY-54
Screw, Switch Cover, Fill. Hd. #8-32x5/16	4	8X-3094	8X-3094	8X-3094
Spring, Brush	2	EFW-18	EFW-18	EFW-18
Washer, Arm. Thrust, D. E., 1/64" Thick	*	EWR-81	EWR-81	EWR-81
Washer, Arm. Thrust, D. E., 1/32" Thick	1	EWR-81A	EWR-81A	EWR-81A
Washer, Arm. Thrust, D. E., 1/32" Thick	*	EWR-81A	EWR-81A	EWR-81A
Washer, Arm. Thrust, D. E., .023" Thick	*	EWR-81B	EWR-81B	EWR-81B
Washer, Thrust, Crank Arm	1	EWJ-45	EWJ-45	EWJ-45

* Use as required.

UNIT	APPLICATION
EWY-4001	Dodge
EWY-4001A	Dodge (Can.), Plymouth
EWY-4002	Reo Truck

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

WINDSHIELD WIPER
(Issued 9-13-54)

Name of Part	No. Used	EWY-5001A	EWY-5001B	EWY-5001D	EWY-5002A
Crank Arm Assy., Long	1	EWR-1072S	EWR-1072S	EWR-1072S	EWY-1072
Link, Left	1	EWR-1096L	EWR-1097L	EWR-1099L	EWY-1096L
Link, Right	1	EWR-1096R	EWR-1097R	EWR-1099R	EWY-1096R
Lockwasher, Crank Arm, 1/4	1	12X-3074	12X-3074	12X-3074	12X-3074
Nut, Crank Arm, Hex. 1/4-20	1	8X-163	8X-163	8X-163	8X-163
Retainer	1	EWD-115	EWD-115	EWD-115	EWD-115
Washer	1	EWJ-132	EWJ-132	EWJ-132	EWJ-132
Washer, Felt	4	EWJ-131	EWJ-131	EWJ-131	EWJ-131
Wiper Motor (See Separate List For Parts)	1	EWY-4001A	EWY-4001A	EWY-4001	EWY-4002

UNIT	APPLICATION
EWY-5001A	Dodge (Can.), Plymouth
EWY-5001B	Dodge (Can.), Plymouth
EWY-5001D	Dodge
EWY-5002A	Reo Truck

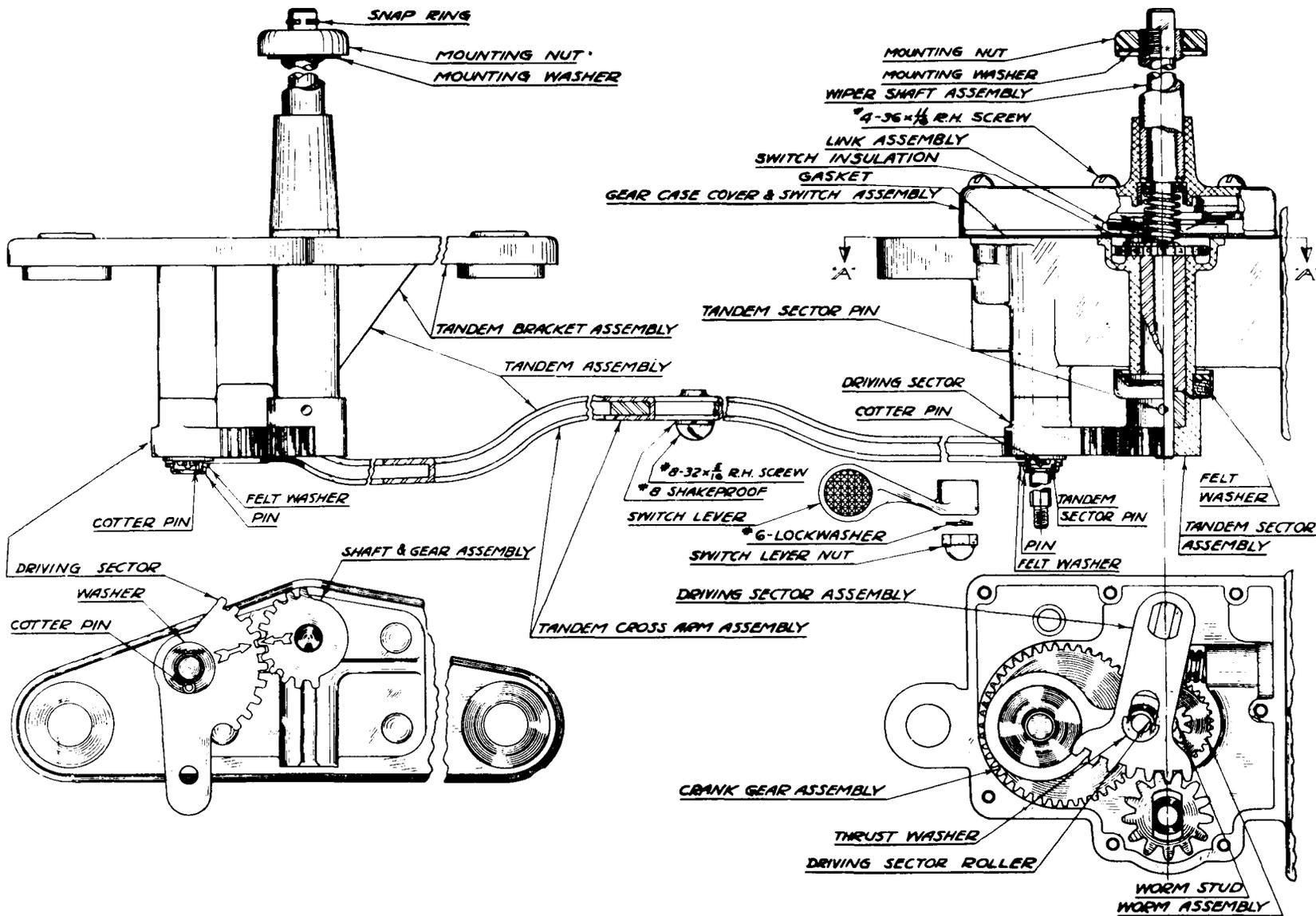
ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

No. Used	<u>MOTOR & PARTS</u>					Spec. Assty. 1230 #28207	Spec. Assty. 1249 #28297
	1	2	3	4	5		
1	Motor Assembly					28170	28296
1	Armature Assembly					27707	27707
1	Base Assembly					28250	28325
1	Felt Retain'g Washer					27660	27660
1	Felt Washer					27733	27733
1	Brush Holder Assembly					28124	28124
2	Brush					40172	40172
2	Brush Holder					27679	27679
2	Brush Holder Spring Support					26750	26750
1	Spring					27549	27549
1	Cover					27706	27706
2	Gronmet					18396	18396
1	Frame & Field Assembly					28166	28166
1	Terminal Assembly					27673	27673
2	#6-32 Nut					26770	26770
1	Switch Shaft Assembly					28007	28295
4	#6-32x1 1/4 Rd. Hd. Sc.					10156020	10156020
2	#6-32x5/16 Rd. Hd. Sc.					17156005	17156005
4	#6 Skpf. Washer					23060	23060
<u>POWER TRANSMISSION (These parts are included in Motor Assy.)</u>							
1	Crank Gear Assembly					28006	28293
1	Driving Sector Assembly					27998	27998
1	Driving Sector Roller					27589	27589
1	Felt Washer					27696	27696
1	Gasket					27651	27651
1	Gear Case Cover & Switch					28298	28298
1	Link Assembly					28071	28071
1	Switch Insulation					28280	28280
1	Tandem Sector Assembly					28169	28169
1	Tandem Sector Pin					27969	27969
1	Thrust Washer					27337	27337
1	Thrust Washer					27714	27714
1	Wiper Shaft Assembly					28172	28172
1	Worm Assembly					27675	28291
1	Worm Stud					27329	28282
7	#4-36x11/16 Rd. Hd. Sc.					17154911	17154911
<u>WIPER ARM PARTS*</u>							
2	Blade					28182	28182
2	Split Rivet					27727	27727
2	Wiper Arm Assembly					28198	28198
1	Spring					28197	28197
1	Spring					28199	28199
<u>MOUNTING PARTS</u>							
2	Bracket					28206	28206
2	Bushing					26864	26864
2	Mounting Nut					28180	28180
2	Mounting Washer					28177	28177
2	Rubber Pad					26865	26865
1	Switch Lever					28148	28148
1	Switch Lever Nut					28110	28110
1	Terminal					27416	27416
1	#6 Lock Washer					10L56	10L56
<u>TANDEM PARTS</u>							
1	Tandem Assembly					28212	28212
1	Tandem Bracket Assembly					28209	28209
1	Cotter Pin					25C0406	25C0406
1	Driving Sector					28154	28154
1	Shaft & Gear Assy.					28147	28147
1	Snap Ring					28210	28210
1	Washer					28185	28185
1	Tandem Cross Arm Assy.					28208	28208
2	Cotter Pin					25C0406	25C0406
1	Driving Sector					28153	28153
2	Felt Washer					28174	28174
2	Pin					28204	28204
2	#8-32x5/16 Rd. Hd. Sc.					17158005	17158005
2	#8 Skpf. Washer					40035	40035

* These parts are included in Tandem Assembly.

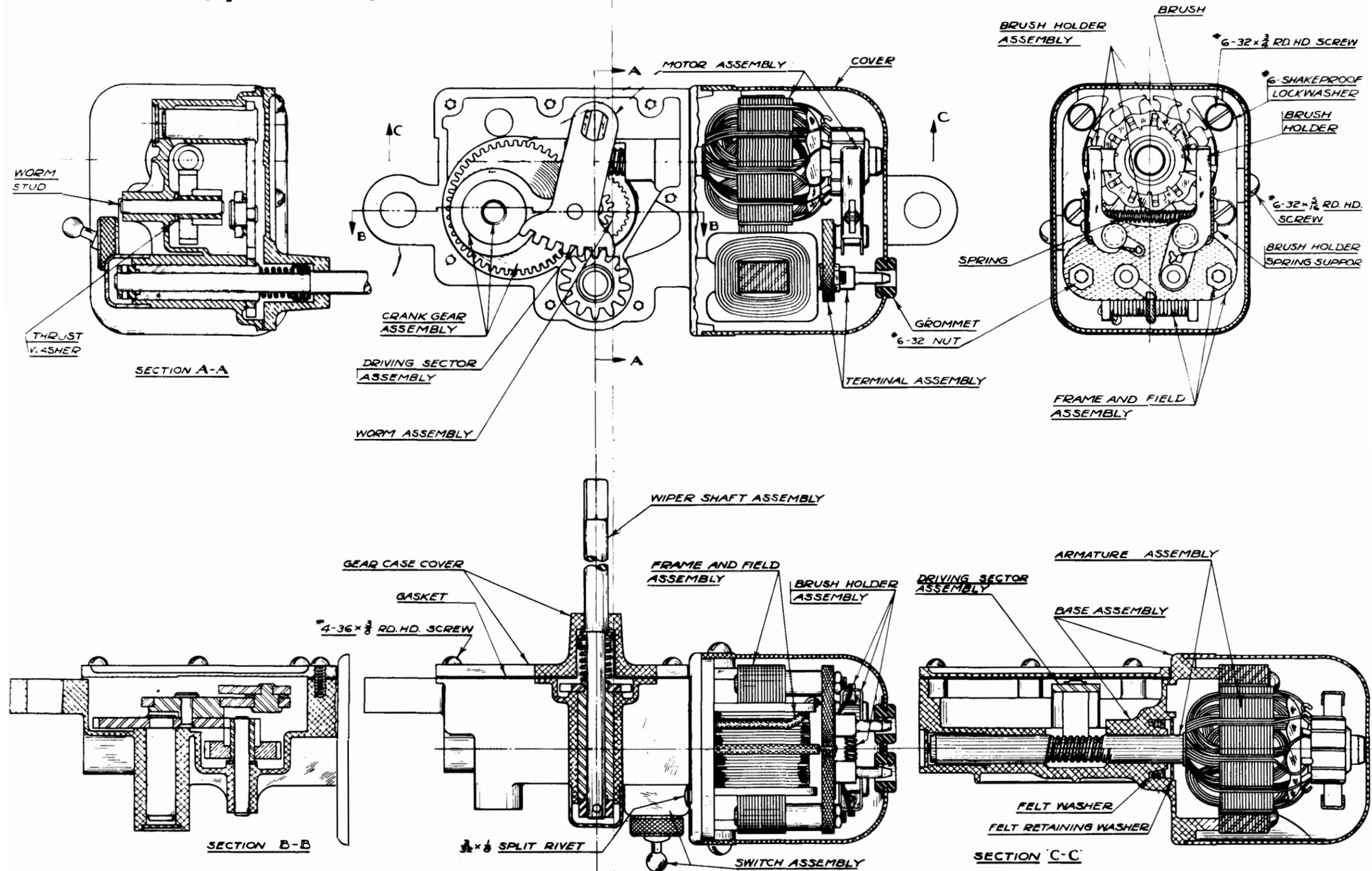
(Issued 4-24-35)
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File in
Equipment & Parts Lists Binder



VIEW 'A-A'

OWEN-DYNETO WINDSHIELD WIPERS SPEC. 1167 TO 1291 INC.

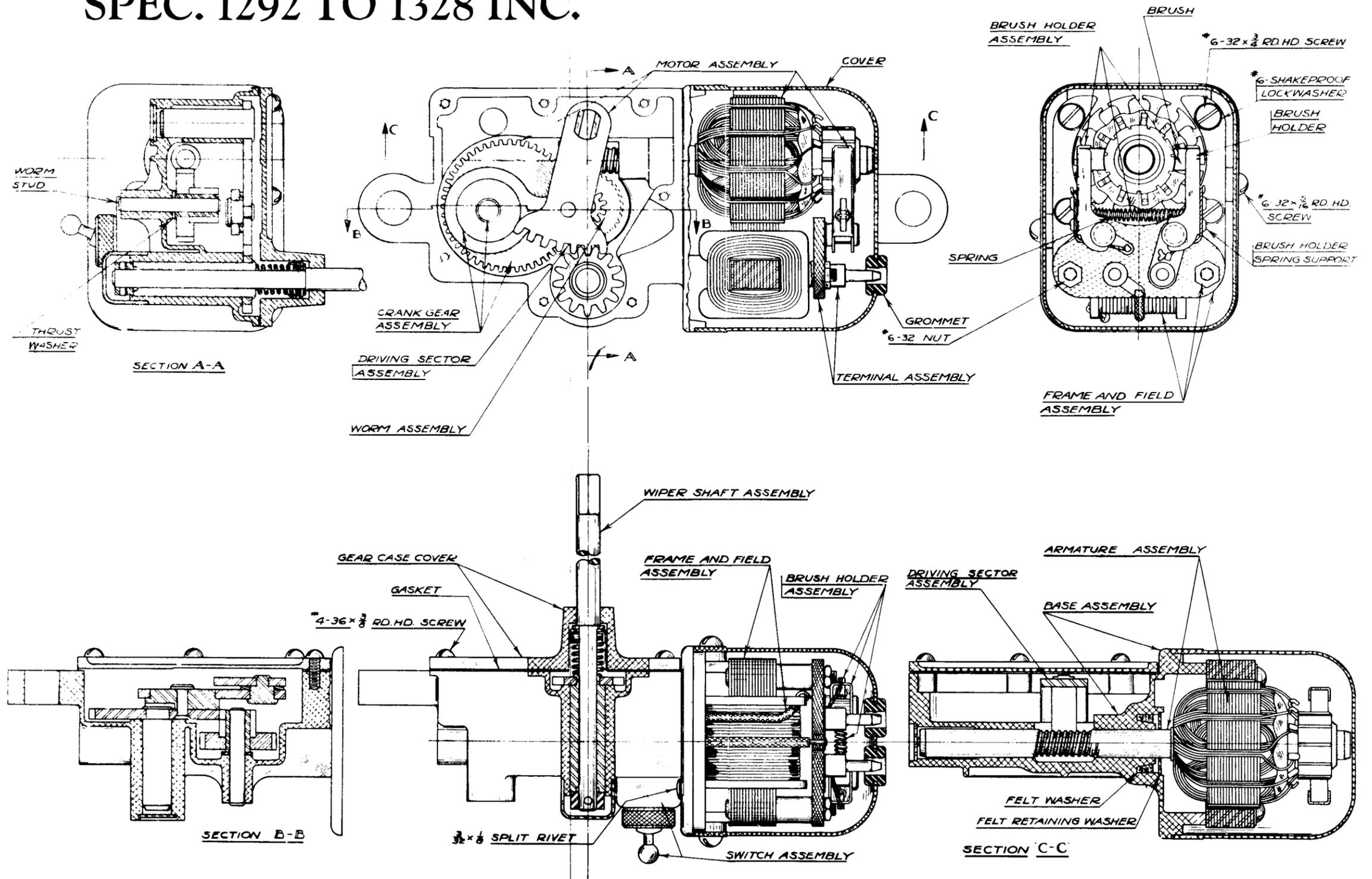


ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

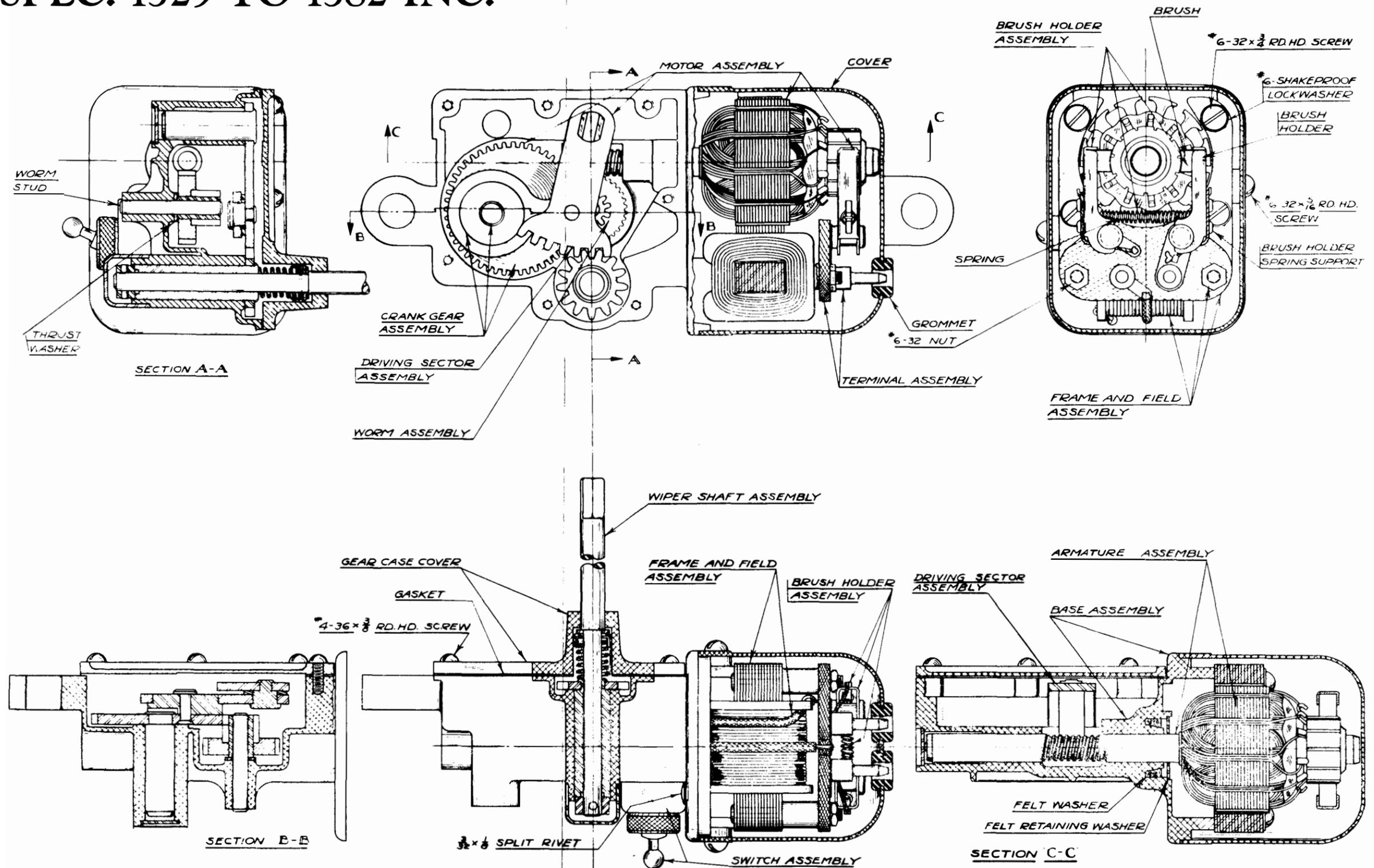
MOTOR & PARTS		Spec. 1167 Assy. #27905	Spec. 1196 Assy. #27901	Spec. 1200 Assy. #27895	Spec. 1210 Assy. #27978	Spec. 1217 Assy. #28277	Spec. 1218 Assy. #28081	Spec. 1219 Assy. #28086	Spec. 1220 Assy. #28094	Spec. 1221 Assy. #28101	Spec. 1228 Assy. #28013	Spec. 1229 Assy. #28136	Spec. 1239 Assy. #28267	Spec. 1253 Assy. #28306	Spec. 1266 Assy. #28347	Spec. 1265 Assy. #28362	Spec. 1291 Assy. #28377
No. Used	Name of Part																
1	Motor Assembly	27904	27900	27894	27977	28276	28080	28085	28093	28100	28131	27904	28266	28305	28346	28361	28376
1	Armature Assembly	27671	27671	27671	27671	28091	27671	27671	28091	27671	27671	27671	28091	27671	27671	28091	27671
1	Base Assembly	28239	28239	28239	28239	28239	28239	28239	28239	28239	28390	28239	28239	28239	28239	28239	28239
1	Felt Retain'g Washer	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660
1	Felt Washer	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733
1	Brush Holder Assembly	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124
2	Brush	28534	28534	28534	28534	28534	82534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534
2	Brush Holder	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679
2	Brush Holder Spring Support	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750
1	Spring	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549
1	Cover	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678
2	Grommet	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396
1	Frame & Field Assembly	27672	27672	27672	27672	28092	27672	27672	28092	27672	27672	27672	28092	27672	27672	28092	27672
1	Terminal Assembly	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673
2	#6-32 Nut	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770
1	Switch Assembly	28359	28359	28359	28359	28359	28359	28359	28359	28359	27780	28359	28359	28359	28359	28359	28359
2	3/32x1/8 Split Rivet	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019
4	#6-32x3/4 Rd. Hd. Screw	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012
2	#6-32x5/16 Rd. Hd. Screw	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	17156005	10156005	10156005
4	#6 Skpf. Washer	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060
POWER TRANSMISSION (These parts are included in Motor Assy.)																	
1	Crank Gear Assembly	27976	27976	27976	27976	27976	27878	27976	27976	27878	27976	27976	27878	27976	27976	27878	27976
1	Driving Sector Assy.	28108	28108	28108	27676	27676	28268	27676	27676	27879	28108	28108	27879	28108	28108	28268	27676
1	Gasket	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651
1	Gear Case Cover	28320	28321	28321	28320	28320	28322	28320	28320	28321	28323	28320	28321	28320	28320	28322	28320
1	Thrust Washer	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337
1	Wiper Shaft Assembly	27903	27674	27893	27903	27903	28077	27903	27903	28099	28128	27903	28099	28304	27893	28077	28374
1	Worm Assembly	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675
1	Worm Stud	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329
7	#4-36x3/8 Rd. Hd. Screw	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	17154906	10154906	10154906
WIPER ARM PARTS																	
1	Blade	27983	27265	27265	27983	27983	27983	27983	27983	27265	27265	27684	27265	28341	27983	27983	27983
1	Split Rivet	27727	27727	27727	27727	27727	27727	27727	27727	27727	27727	27727	27727	27727	27727	27727	27727
1	Wiper Arm Assembly	28314	28314	27861	28314	28314	28332	28314	28314	28334	28134	28281	28334	28314	28314	28332	28314
1	Adjusting Lever Assy.																
1	Adjusting Lever Screw																17858008
1	Adjusting Screw																26637
1	Adjusting Screw Nut																26635
1	Spring	28301	28301	28301	28301	28301	28301	28301	28301	28301		28301	28301	28301	28301	28301	28301
1	Wiper Rod																26746
MOUNTING PARTS																	
1	Bracket	27664	27828	27828	27664	27664	28401*	27664	27664	27828	27828		27828		27664	28401*	27664
2	Bushing	26864	26864	26864	26864	26864	26864	26864	26864	26864		26864	26864	26864	26864	26864	26864
2	Clamp																26122
1	Lead Assembly																27908
2	Terminal																27416
1	Manual Control Arm																26833
1	#6-32x1/4 Sq. Hd. Screw																26621
4	Mounting Nut	11N1600		11N1600	11N1600	11N1600											
4	Mounting Washer	11W604															
2	Rubber Pad	26865	26865	26865	26865	26865	26865	26865	26865	26865		26865	26865	26865	26865	26865	26865
6	Spacer 1/4 Long		27896	27896													27896
2	Spacer 3/4 Long																28133
2	Terminal	27416	27416		27416	27416	27416	27416	27416	27416		27416	27416	27416	27416	27416	27416
4	#10-32x1 Rd. Hd. Screw	11160016	11160016	11160016	11160016	11160016	11160016	11160016	11160016	11160016	11160016		11160016		11160016	11160016	11160016
2	#10-32x1 1/8 Rd. Hd. Screw		11160018														
2	#10-32x1 7/8 Rd. Hd. Screw			11160030													
2	#10-32x2 1/2 Rd. Hd. Screw														11160040		
2	#10-32x2 3/4 Rd. Hd. Screw										11160044	11160044					
2	#5x3/8 Rd. Hd. Wood Screw			26165							26165						
2	#12x2 Rd. Hd. Wood Screw													28364			
4	#10 Skpf. Washer	20688	20688	20688	20688	20688	20688	20688	20688	20688	20688	20688	20688	20688	20688	20688	20688

* Was 28141

OWEN-DYNETO WINDSHIELD WIPERS SPEC. 1292 TO 1328 INC.



OWEN-DYNETO WINDSHIELD WIPERS SPEC. 1329 TO 1382 INC.

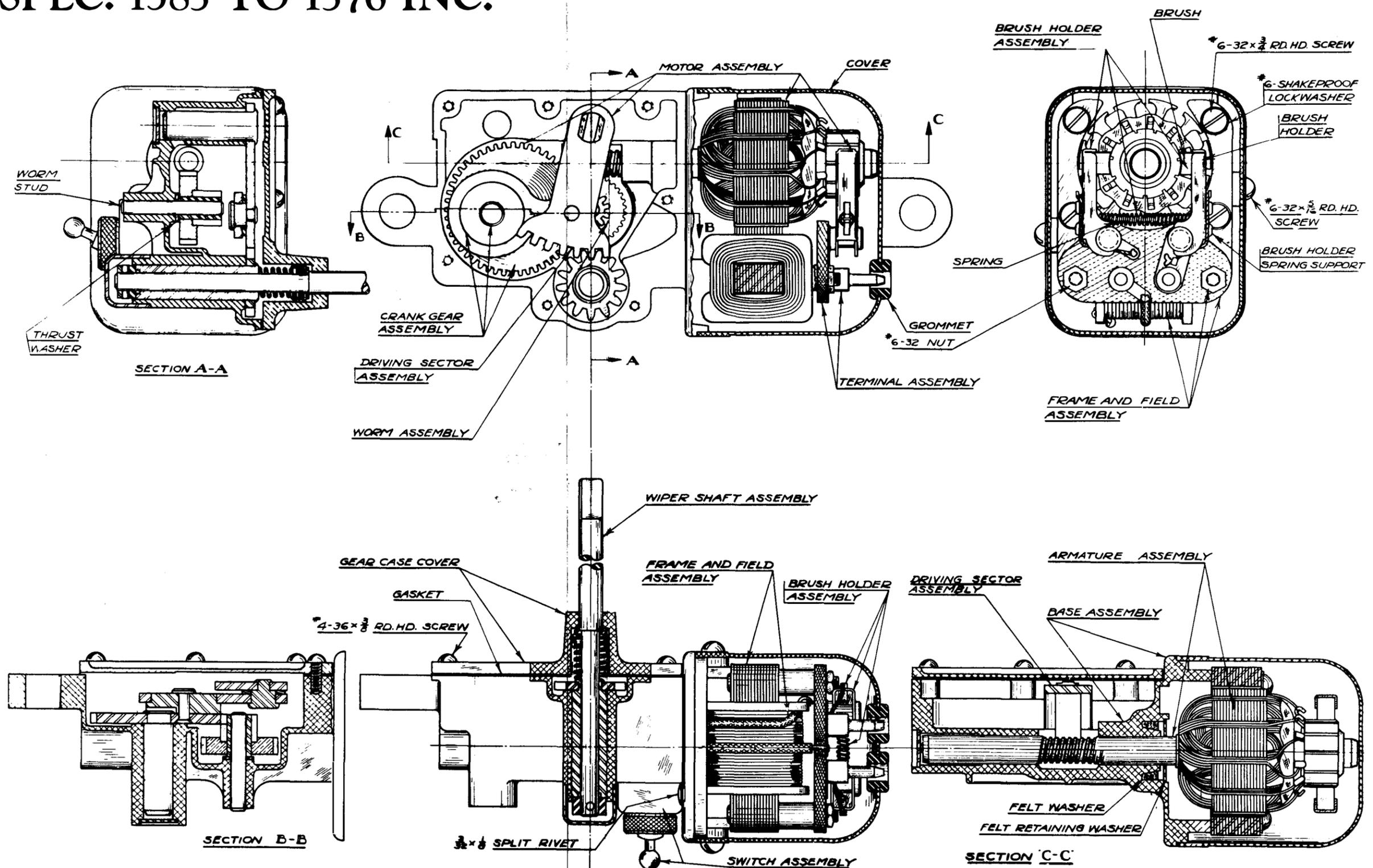


ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MOTOR & PARTS		Spec. 1329 Assy. #28467	Spec. 1334 Assy. #28478	Spec. 1340 Assy. #28474	Spec. 1341 Assy. #28472	Spec. 1342 Assy. #28463	Spec. 1343 Assy. #28466	Spec. 1356 Assy. #28515	Spec. 1360 Assy. #28552	Spec. 1361 Assy. #28553	Spec. 1362 Assy. #28557	Spec. 1365 Assy. #28548	Spec. 1373 Assy. #28592	Spec. 1374 Assy. #28600	Spec. 1377 Assy. #28604	Spec. 1378 Assy. #28607	Spec. 1382 Assy. #28623
No.	Name of Part																
1	Motor Assembly	28466	28477	28473	28428	28482	28493	28080	28493	28484	28482	28544	28591	28544	28603		28104
1	Armature Assembly	28091	28091	27671	27671	27671	27671	27671	27671	28091	27671	27671	27671	27671	28091		28091
1	Base Assembly	28239	28239	28239	28239	28239	28239	28239	28239	28239	28239	28755	28239	28755	28239		28239
1	Felt Retain'g Washer	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660		27660
1	Felt Washer	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733		27733
1	Brush Holder Assembly	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124		28124
2	Brush	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534		28534
2	Brush Holder	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679		27679
2	Br. Hldr. Sp. Support	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750		26750
1	Spring	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549		27549
1	Cover	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678	28717	27678	28717	27678		27678
2	Grommet	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396		18396
1	Frame & Field Assy.	28092	28092	27672	27672	27672	27672	27672	28092	27672	27672	27672	27672	27672	28092		28092
1	Terminal Assembly	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673		27673
2	#6-32 Nut	28528	28528	26770	26770	26770	26770	26770	26770	28528	26770	26770	26770	26770	28528		28528
1	Switch Assembly	28359	28359	28359	28359	28359	28359	28359	28359	28359	28359	28684	28359	28684	28359		28359
1	Switch Insulation	13165	13165	13165	13165	13165	13165	13165	13165	13165	13165	28627	13165	28627	13165		13165
2	3/32 Split Rivet	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019		20019
4	#6-32x3/4 Rd. Hd. Sc.	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012		10156012
2	#6-32x5/16 Rd.Hd.Sc.	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005		10156005
4	#6 Skpf. Washer	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060		23060
POWER TRANSMISSION (These parts are included in Motor Assy.)																	
1	Crank Gear Assy.	27976	27878	27878	27976	27878	27878	27878	27878	27878	27878	27878	27976	27878	27976		27976
1	Driving Sector Assy.	27676	28268	28268	27676	27879	28268	28268	28268	28268	27879	28268	28108	28268	28108		28108
1	Gasket	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651		27651
1	Gear Case Cover	28321	28411	28411	28322	28497	28491	28322	28491	28491	28497	28552	28594	28552	28594		28321
1	Thrust Washer	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337		27337
1	Wiper Shaft Assy.	28469	28304	28304	28431	28099	28490	28077	28490	28490	28099	28348	28593	28348	28593		27893
1	Worm Assembly	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675		27675
1	Worm Stud	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329		27329
7	#4-36x3/8 Rd.Hd.Sc.	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906		17154906
WIPER ARM PARTS																	
1	Blade	28468	27265	27265	27684		27265	27684	27265	27265	27265	28605	27684	28605	27684		27684
1	Split Rivet	27727	27727	27727	27727		27727	27727	27727	27727	27727	27727	27727	27727	27727		27727
1	Wiper Arm Assembly	28453	28281	28261	28453		28488	28281	28488	28488	28484	28546	28385	28599	28385		28334
1	Spring	28301	28301	28301	28301		28301	28301	28301	28301	28301	28301	28301	28301	28301		28301
MOUNTING PARTS																	
1	Bracket	27664			28427			28516									27828
6	Bushing	26864	26864	26864	26864		26864	26864	26864	26864	26864	26864	26864	26864	26864		26864
1	Manual Control Arm	26833															
1	#6-32x1/4 Sq. Hd. Sc.	26621															
4	Mounting Nut	11N1600			11N1600												11N1600
2	Mounting Washer	11W604	11W604	11W604	11W604		11W604		11W604								
2	Rubber Pad	26865	26865	26865	26865		26865	26865	26865	26865	26865	26865		26865			26865
2	Spacer 3/8" Long	28470															
4	Spacer		28615	28615				27888		27888	27888	27896					
2	Terminal	27416	27416	27416	27416		27416	27416	27416	27416	27416	28553	27416	27416	28553		27416
2	#10-32x3/8 Rd. Hd. Sc.	11160022															
2	#10x2 Rd. Hd. Wood Sc.		28369	28369	28369		28369		28369	28369	28369						
2	#10-32x1 Rd. Hd. Sc.	11160016			11160016			11160016				11160016	11160016	11160016	11160016		11160016
1	3/8x24 Hex. Nut		28481	28481			28481						28481		28481		
4	#10 Skpf. Washer	20688			20688			20688				20688	20688	20688	20688		20688
1	Tube Nut							28481	28481	28498							

(Issued 4-17-40)

OWEN-DYNETO WINDSHIELD WIPERS SPEC. 1385 TO 1576 INC.

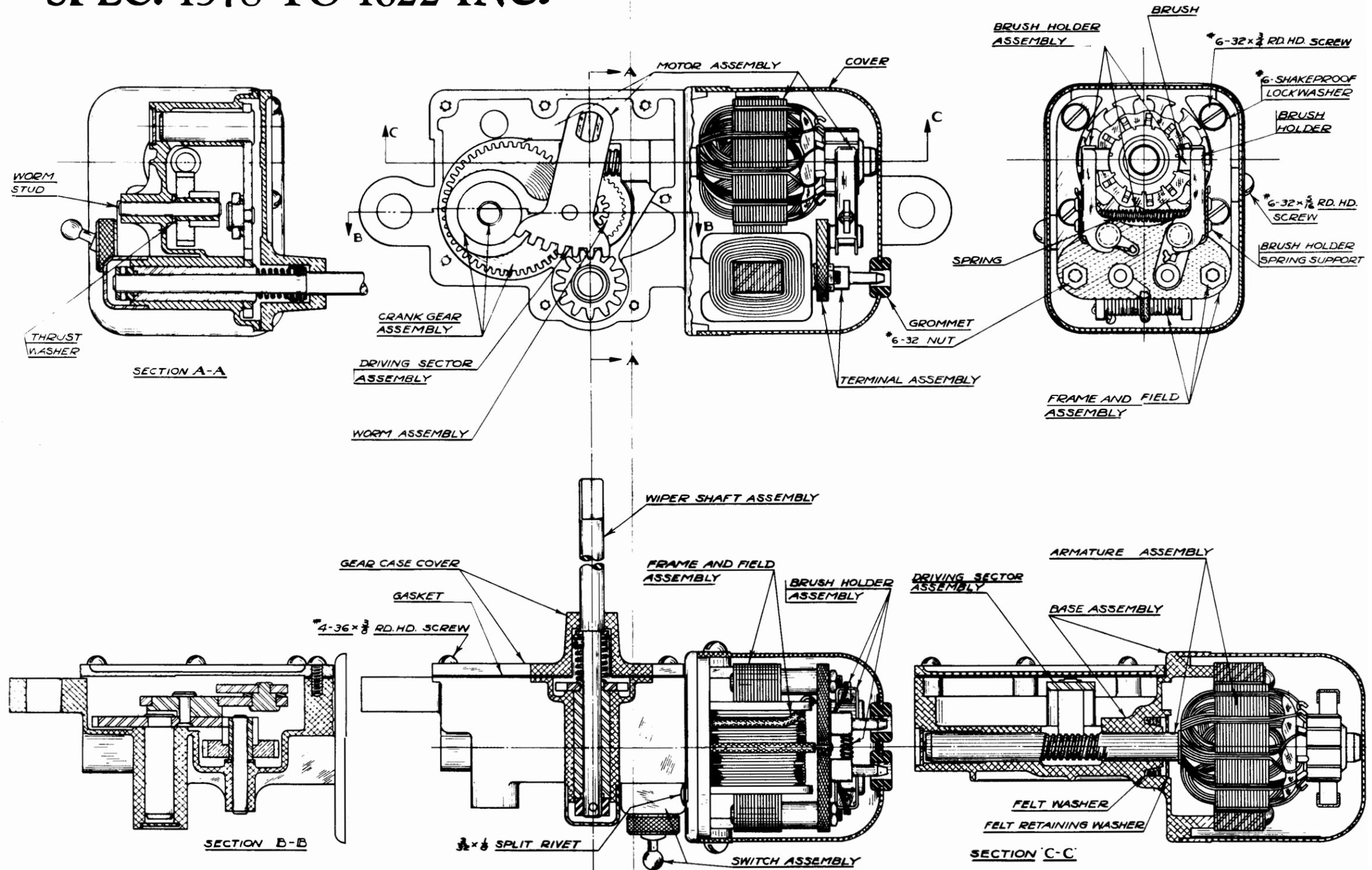


ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MOTOR & PARTS		Spec. 1535 Assy. #28629	Spec. 1506 Assy. #28682	Spec. 1509 Assy. #28691	Spec. 1510 Assy. #28692	Spec. 1511 Assy. #28697	Spec. 1512 Assy. #28696	Spec. 1514 Assy. #28702	Spec. 1523 Assy. #28719	Spec. 1534 Assy. #28745	Spec. 1536 Assy. #28750	Spec. 1539 Assy. #28758	Spec. 1553 Assy. #28771	Spec. 1557 Assy. #28782	Spec. 1559 Assy. #28786	Spec. 1575 Assy. #28826	Spec. 1576 Assy. #28831
No. Used	Name of Parts																
1	Motor Assembly	27904	28681	28689	28690	28695	28694	28617	28718	28746	28749	28752	28770	28783	28785	28825	28830
1	Armature Assembly	27671	27671	27671	28091	28091	27671	23091	27671	27671	27671	27671	28091	27671	27671	27671	28091
1	Base Assembly	28239	28239	28239	28239	28239	28239	28239	28239	28239	28239	28239	28239	28755	28239	28329	28329
1	Felt Retain'g Washer	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660
1	Felt Washer	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733
1	Br. Holder Assembly	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124
2	Brush	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534
2	Brush Holder	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679
2	Support	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750
1	Spring	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549
1	Cover	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678	27678
2	Grommet	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396
1	Frame & Field Assy.	27672	27672	27672	28092	28092	27672	28092	27672	27672	27672	27672	28092	27672	27672	27672	28092
1	Terminal Assembly	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673
2	#6-32 Nut	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770
1	Switch Assembly	28359	28359	28359	28359	28359	28359	28359	28359	28359	28359	28359	28359	28684	28359	28359	28359
1	Switch Insulation	13165	28627	28627	28627	28627	28627	28627	28627	28627	28627	28627	28627	28627	28627	28627	28627
2	3/32 Split Rivet	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019	20019	20020	20019	20019	20019
4	#6-32x3/4 Rd.Hd.Sc.	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012
2	#6-32x5/16 Rd.Hd.Sc.	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005
4	#6 Skpf. Washer	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060
POWER TRANSMISSION (These parts are included in Motor Assy.)																	
1	Crank Gear Assy.	27976	27976	27976	27976	27976	27976	27976	27976	27878	27878	27976	27878	27878	27976	28827	28827
1	Driving Sector Assy.	28108	27676	27676	27676	27676	27676	27676	28108	28268	28268	28108	28268	28268	28108	28268	28268
1	Gasket	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651
1	Gear Case Cover	28320	28321	28320	28320	28321	28321	28619	28322	28322	28322	28321	28322	28552	28321	28829	28829
1	Thrust Washer	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337
1	Wiper Shaft Assy.	27903	28469	28701	28701	28693	28693	28616	28374	28519	28519	28747	28519	28784	28789	28490	28490
1	Worm Assembly	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675
1	Worm Stud	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329
7	#4-36x3/8 Rd.Hd.Sc.	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906
WIPER ARM PARTS																	
1	Blade	27265	28468	27983	27983	28468	28468	27684	27684	27983	27983	27983	27983	28659	28430	27983	27983
1	Split Rivet	27727	27727	27727	27727	27727	27727	27727	27727	27727	27727	27727	27727	27727	27727	27727	27727
1	Wiper Arm Assembly	28281	28453	28314	28314	28453	28453	28332	28332	28281	28334	28332	28332	28599	28460	28281	28281
1	Spring	28301	28301	28301	28301	28301	28301	28301	28301	28301	28301	28301	28301	28301	28301	28301	28301
MOUNTING PARTS																	
1	Bracket	27664	27664	27664	27664	27664	27664	27664	27664	27664	27664	27664	27664	27664	27664	27664	27664
6	Bushing	26864	26864	26864	26864	26864	26864	26864	26864	26864	26864	26864	26864	26864	26864	28796	28796
1	Manual Control Arm		26833			26833	26833								26833		
1	#6-32x1/4 Sq. Hd. Sc.		26621			26621	26621								26621		
4	Mounting Nut	11N1600	11N1600	11N1600	11N1600	11N1600	11N1600	30N1600	11N1600	11N1600		17N1600	17N1600		17N1600		
2	Mounting Washer	11W604	17W604	17W604	17W604	17W604	17W604	17W604									
2	Rubber Pad	26865	26865	26865	26865	26865	26865	26865	26865	26865	26865	26865	26865	26865	26865	28795	28795
2	Spacer		28470			28470	28470	28327				28615			28615		
2	Terminal	27416	27416	27416	27416	27416	27416	27416	27416	27416	27416	27416	27416	28553	27416	27416	27416
2	#10-32x1 Rd. Hd. Sc.	11160016	11160016	11160016	11160016				11160016	11160016				17160016	17160016		
4	#10-32x1 1/2 Rd.Hd.Sc.			11160024	11160024	11160024	11160024					17160024			17160024		
2	#10-32x1 3/8 Rd. Hd. Sc.		11160022														
2	#10-32x2 3/4 Rd. Hd. Sc.							20160044									
2	#10-32x2 1/2 Rd. Hd. Sc.								11160040								
4	#10 Skpf. Washer	20688	20688	20688	20688	20688	20688	20688	20688	20688		20688	20688	20688	20688		
1	3/8x24 Hex. Nut							28481			28481	20688	20688	20688	20688	28481	28481

(Issued 4-22-40)

OWEN-DYNETO WINDSHIELD WIPERS SPEC. 1578 TO 1622 INC.



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

No. Used	Name of Part	Spec. 1578	Spec. 1580	Spec. 1584	Spec. 1594	Spec. 1596	Spec. 1598	Spec. 1599	Spec. 1605	Spec. 1606	Spec. 1610	Spec. 1614	Spec. 1615	Spec. 1616	Spec. 1617	Spec. 1621	Spec. 1622
		Assy. #28834	Assy. #28837	Assy. #28844	Assy. #28882	Assy. #28888	Assy. #28892	Assy. #28893	Assy. #28912	Assy. #28919	Assy. #28922	Assy. #28935	Assy. #28936	Assy. #28938	Assy. #28942	Assy. #28950	Assy. #28952
MOTOR & PARTS																	
1	Motor Assembly	28783	28835	28845	28881	28887	28891	28783	28911	28914	28923	28931	28937	28939	28941	28951	28951
1	Armature Assembly	27671	28091	28091	27671	28091	27671	27671	27671	27671	27671	27671	27671	28091	27671	27671	27671
1	Base Assembly	28755	28239	28239	28239	28239	28239	28755	28239	28239	28239	28239	28239	28239	28239	28239	28239
1	Felt Retain g Washer	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660	27660
1	Felt Washer	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733	27733
1	Brush Holder Assembly	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124	28124
2	Brush	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534	28534
2	Brush Holder	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679	27679
2	Support	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750	26750
1	Spring	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549	27549
1	Cover	28717	28717	27678	27678	27678	27678	28717	27678	27678	27678	27678	27678	27678	27678	27678	27678
2	Grommet	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396	18396
1	Frame & Field Assembly	27672	28092	28092	27672	28092	27672	27672	27672	27672	26762	27672	28092	27672	27672	27672	27672
1	Terminal Assy.	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673	27673
2	#6-32 Nut	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770	26770
1	Switch Assembly	28684	28684	28359	28359	28359	28359	28684	28359	28359	28359	28359	28359	28359	28359	28359	28359
1	Switch Insulation	28627	28627	28627	28627	28627	28627	28627	28627	28627	28627	28627	28627	28627	28627	28627	28627
2	3/32 Split Rivet	20020	20020	20020	20020	20020	20020	20020	20020	20020	20020	20020	20020	20020	20020	20020	20020
4	#6-32x3/4 Rd. Hd. Screw	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012	10156012
2	#6-32x5/16 Rd. Hd. Screw	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005	10156005
4	#6 Skpf. Washer	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060	23060
POWER TRANSMISSION (These parts are included in Motor Assy.)																	
1	Crank Gear Assy.	27878	27878	28827	27976	27976	28827	27878	28827	27976	27976	27976	27976	27976	27878	27976	27976
1	Driving Sector Assy.	28268	28268	28268	28108	27676	28268	28268	28268	28108	28108	27676	27676	27676	28268	28108	28108
1	Gasket	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651	27651
1	Gear Case Cover	28552	28552	28859	28885	28321	28859	28552	28320	28321	28322	28321	28321	28321	28321	28321	28321
1	Thrust Washer	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337	27337
1	Wiper Shaft Assy.	28784	28784	28940	28348	28872	28490	28784	28853	28593	28519	28904	28940	28940	28940	28949	28949
1	Worm Assembly	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675	27675
1	Worm Stud	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329	27329
7	#4-36x3/8 Rd. Hd. Screw	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906	10154906
WIPER ARM PARTS																	
1	Blade	28659	28659	27983	27684	27983	27983		27265	27983	28924	27983	27983	27983	27983	27684	27983
1	Split Rivet	27727	27727	27727	27727	27727	27727		27727	27727	27727	27727	27727	27727	27727	27727	27727
1	Wiper Arm Assembly	28546	28599	28281	28385	28281	28281		28281	28281	28385	28281	28281	28281	28281	28334	28453
1	Spring	28301	28301	28301	28301	28301	28301		28301	28301	28301	28301	28301	28301	28301	28301	28301
MOUNTING PARTS																	
1	Bracket			28878	27664	27664	28878		27664	27664	27664	27664	27664	27664	27664	27828	27828
6	Bushing	26864	26864	26864	26864	26864	26864	26864	26864	26864	26864	26864	26864	26864	26864	26864	26864
2	Clamp															26122	26122
1	Lead Assembly																
2	Terminal															27416	27416
1	Manual Control Arm					26833						26833	26833	26833	26833		
1	#6-32x1/4 Sq. Hd. Screw					26621						26621	26621	26621	26621		
4	Mounting Nut			17N1600	17N1600	17N1600	17N1600		17N1600	20N1600	20N1600						
2	Mounting Washer	17W604															
2	Rubber Pad	26865	26865	26865		26865	26865	26865	26865	26865	26865	26865	26865	26865	26865	26865	26865
1	Spacer			28846		28846											
2	Spacer			28847	28849	28470	28847				28849	28470	28470	28470	28470		
2	Terminal	28553	28553	27416	27416	27416	27416	28553	27416	27416	27416	27416	27416	27416	27416		
2	#5x3/8 Rd. Hd. Wood Screw															26165	26165
2	#10-32x1 Rd. Hd. Screw	17160016	17160016	17160016				17160016	17160016	17160016	17160016	17160016	17160016	17160016	17160016	20160016	20160016
2	#10-32x1 1/8 Rd. Hd. Screw				17160018												
2	#10-32x1 3/8 Rd. Hd. Screw																
2	#10-32x1 1/2 Rd. Hd. Screw					17160024						17160024	17160024	17160024	17160024		
4	#10 Skpf. Washer	20688	20688	20688	20688	20688	20688	20688	20688	20688	20688	20688	20688	20688	20688	20688	20688
1	3/8x24 Hex. Nut			28481	28481		28481										