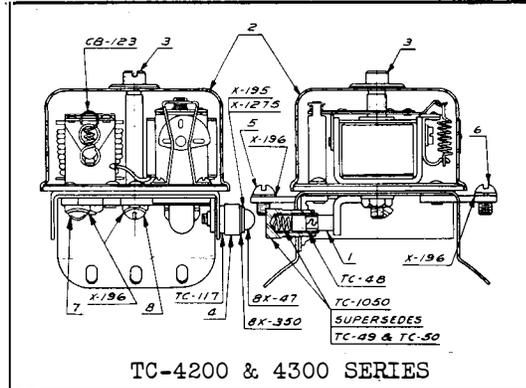
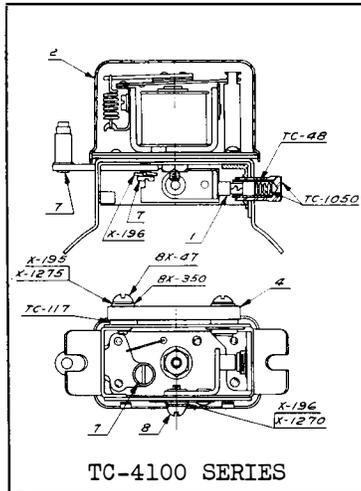


# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

## TC TWO CHARGE REGULATORS



UNIT ASSEMBLY No.	MTG.	1 FUSE	2 COVER	3 COVER HOLDING NUT	4 RESIS.	5 STARTIX TERM. SCREW	6 BATTERY TERM. SCREW	7 ARM. TERM. SCREW	8 FIELD TERM. SCREW
TC-4101A	R	X-842	CB-160		TC-51			{ 8X-312 PX-55	• 8X-311
TC-4102A	F	X-842	CB-160		TC-51			8X-312	8X-311
TC-4103A	R	X-842	CB-160		TC-51			{ TC-57 PX-55	8X-311
TC-4201A	R	X-842	TC-72	TC-79	TC-51	8X-312	8X-312	PX-55	PX-55
TC-4202A	R	X-842	TC-72	TC-79	TC-51	8X-312	8X-312	PX-55	PX-55
TC-4203A*	R	X-842	TC-72	TC-79	TC-51B	8X-312	8X-312	PX-55	PX-55
TC-4301A	R	X-842	TC-1082C	TC-1079	TC-51G		8X-312	8X-1004	8X-1004
TC-4301B	R	X-842	TC-1082C	TC-1079	TC-51G		8X-312	8X-1004	8X-1004
TC-4302A	R	X-842	TC-1082C	TC-1079	TC-51	8X-312	8X-312	8X-1004	8X-1004
TC-4302B	R	X-842	TC-1082C	TC-1079	TC-51E	8X-312	8X-312	8X-1004	8X-1004
TC-4303A*	R	X-842	TC-1082CA	TC-1079	TC-51B		8X-312	8X-1004	8X-1004
TC-4303B*	R	X-842	TC-1082CA	TC-1079	TC-51B		8X-312	8X-1004	8X-1004
TC-4303C*	R	X-842	TC-1082CA	TC-1079	TC-51		8X-312	8X-1004	8X-1004
TC-4303D*	R	X-842	TC-1082CA	TC-1079	TC-51R		8X-312	8X-1004	8X-1004
TC-4304A	F	X-842	TC-1082C	TC-1079	TC-51	8X-312	8X-312	8X-312	8X-312
TC-4305A	R	X-842	TC-1082C	TC-1079	TC-51		8X-312	8X-1004	8X-1004
TC-4306A	R	X-842	TC-1082C	TC-1079	TC-51	8X-312	8X-312	8X-1004	8X-1004
TC-4307A	F	X-842	CB-160		TC-51			8X-312	8X-311
TC-4308A	R	X-842	CB-160		TC-51			{ TC-57 8X-1004	8X-311
TC-4309A	R	X-842	CB-160		TC-51			{ 8X-312 8X-1004	8X-311
TC-4310A*	R	X-842	TC-1082CA	TC-1079	TC-51B	8X-312	8X-312	8X-1004	8X-1004
TC-4310B*	R	X-842	TC-1082CA	TC-1079	TC-51	8X-312	8X-312	8X-1004	8X-1004
TC-4311A	R	X-842	TC-1082C	TC-1079	TC-51	TC-57	TC-118	8X-1004	8X-1004
TC-4312A	R	X-842	TC-1082C	TC-1079	TC-51	TC-57	TC-118	8X-1004	8X-1004
TC-4313A	R	X-842	TC-1082C	TC-1079	TC-51		8X-312	8X-1004	8X-1004
TC-4314A	R	X-844	TC-1082C	TC-1079	TC-51	8X-312	8X-312	8X-1004	8X-1004
TC-4315A*	R	X-844	TC-1082CA	TC-1079	TC-51B	8X-312	8X-312	8X-1004	8X-1004
TC-4316A	R	X-842	TC-1082C	TC-1079	TC-51		8X-312	8X-1004	8X-1004
TC-4317A	F	X-842	TC-1082C	TC-1079	TC-51	8X-312	8X-312	8X-1004	8X-1004
TC-4318A*	F	X-842	TC-1082CA	TC-1079	TC-51		8X-312	8X-1004	8X-1004
TC-4319A	F	X-842	TC-1082C	TC-1079	TC-51	8X-312	8X-312	8X-1004	8X-1004

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

## TC TWO CHARGE REGULATORS

UNIT ASSEMBLY NO.	MTG.	1 FUSE	2 COVER	3 COVER HOLDING NUT	4 RESIS.	5 STARTIX TERM. SCREW	6 BATTERY TERM. SCREW	7 ARM. TERM. SCREW	8 FIELD TERM. SCREW
TC-4320A	R	X-844	TC-1082C	TC-1079	TC-51E	8X-312	8X-312	8X-1004	8X-1004
TC-4321A*	F	X-842	TC-1082CA	TC-1079	TC-51B		8X-312	8X-312	8X-312
TC-4322A*	R	X-842	CB-160		TC-51		8X-312	8X-1004	8X-311
TC-4323A	R	X-842	TC-1082C	TC-1079	TC-51T		8X-312	8X-1004	8X-1004

\* 12 Volt

R = Radial

F = Flat

TC-4101A superseded by TC-4309A.  
 TC-4102A superseded by TC-4307A.  
 TC-4103A superseded by TC-4308A.

TC-4201A superseded by TC-4302A.  
 TC-4202A superseded by TC-4306A.  
 TC-4203A superseded by TC-4310A.

NOTE:- Fuse retainer assembly includes TC-1050 fuse holder & spring and TC-48 insulation.

NOTE:- Circuit breaker armature spring CB-123 is used on TC-4200 & 4300 series.

NOTE:- X-196 lock washer or X-1270 Skpf. washer is used on all terminal screws.

NOTE:- Resistance mounting parts include 8X-47 screw, X-1275 Skpf. washer or X-195 lock washer, 8X-350 plain washer, TC-117 insulating washer. One of each is used on each end.

(Issued 12-14-39)

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

VAD-4109A REGULATOR PARTS LIST

VAD-4109A

Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
VAS-1055	1	Base, Insulation	8X-878	2	Screw, Mtg. Bridge Rd. Hd. #8-32x7/16
VRA-1072A	1	Base, Mounting	VRA-84	1	Spring, Armature
VRH-19	1	Bracket, Resistor Mtg., C.R. Core	8X-350	4	Washer, Plain, Armature & Brkt. Mtg. #8
VAD-3008E	1	Coil Assy., Current Regulator	VRA-46	1	Connector, Series Coil
VAD-1061	1	Armature	VRA-1002	1	Cover, Regulator
VRA-1060	1	Bracket, Air Gap Adjusting	VRH-50	1	Gasket, Cover
X-195	6	Lockwasher, Adjusting Brkt. & Bridge Mtg. #8	VAD-38	1	Lead Assy., Resistor
VRA-15	1	Nut, Adjusting, #10-48	X-1052	2	Terminal
VRA-16	1	Screw, Adjusting, #10-48x19/32	VRH-26	2	Lead, V.R. Armature & C.R. Armature
8X-888	4	Screw, Mtg., Adjusting Brkt. & Brkt. & Bridge, Fill. Hd., #8-32x5/16	12X-196	12	Lockwasher, Base Mtg. (6), Lead Connection (4), Grd. Sc. (2) #10
8X-878	2	Screw, Mtg., Bridge & Res. Brkt., Fill. Hd., #8-32x7/16	12X-199	5	Lockwasher, Coil Mtg. (3), Cover Nut (2), 1/4
VRA-17	1	Spring, Armature	12X-195	8	Lockwasher, Resistor Mtg., #8
8X-350	5	Washer, Plain, Adjusting Brkt. & Bridge Mtg. #8	12X-1014	3	Lockwasher, Terminal Screw, 5/16
VAD-3070A	1	Coil Assy., Cutout Relay	VRV-16	1	Name Plate
VAD-1043A	1	Armature	8X-1055	3	Nut, Coil Mounting, Hex. 1/4-28
VAD-1118	1	Contact & Bracket, Stationary	8X-163	2	Nut, Cover, Hex. 1/4-20
VAD-116	1	Insulation, Stat. Contact Bracket	8X-173	1	Nut, Series Connection, Hex. #10-32
VAD-117	1	Insulation, Stat. Contact Bracket	VAD-166	1	Plug, Drain, 1/8
X-195	6	Lockwasher, Contact Brkt. & Bridge Mtg., #8	TC-51AA	1	Resistance, Carbon, Marked 100
VRA-15	1	Nut, Adjusting, #10-48	VAD-50B	1	Resistance, Wire, Marked 175
VRA-16	1	Screw, Adjusting, #10-48x19/32	VAD-50C	1	Resistance, Wire, Marked 20
8X-878	4	Screw, Mtg., Bridge & Contact Brkt. Fill. Hd. #8-32x7/16	VAD-50D	1	Resistance, Wire, Marked 40
8X-888	2	Screw, Mtg., Bridge, Fill. Hd., #8-32x5/16	8X-321	3	Screw, Ground (2), Lead Connection (1), Rd. Hd. #10-32x5/16
VRA-17	1	Spring, Armature	8X-309	7	Screw, Lead Connection (1), Base Mtg., (6) Rd. Hd. #10-32x1/2
GAA-35	2	Washer, Insulating, Stat. Contact Bracket	8X-311	1	Screw, Lead Connection Rd. Hd. #10-32x3/8
8X-350	4	Washer, Plain, Contact Brkt. & Bridge Mtg., #8	X-453	2	Screw, Name Plate
VAO-3071	1	Coil Assy., Voltage Regulator	8X-305	6	Screw, Resistor Mtg., Rd. Hd. #8-32x1/4
VAD-1080A	1	Armature	8X-55	2	Screw, Resistor Mtg., Rd. Hd. #8-32x3/8
VRA-1060	1	Bracket, Air Gap Adjusting	8X-137	3	Screw, Terminal, Fill. Hd. #5/16-24x1/2
12X-195	6	Lockwasher, Armature & Brkt. Mtg. #8	GAG-138	1	Seal, Regulator
VRA-15	1	Nut, Adjusting, #10-48	8X-183A	11	Washer, Plain, Base Mtg. (6), Lead Connection (3), Grd. Sc. (2), #10
VRA-16	1	Screw, Adjusting, #10-48x19/32	SW-634	2	Washer, Plain, Cover Nut, 1/4
8X-888	4	Screw, Mtg. Bracket & Bridge, Fill. Hd. #8-32x5/16	8X-350	8	Washer, Plain, Resistor Mtg. #8
			VRA-109	2	Washer, Rubber, Cover Stud

UNIT	APPLICATION
VAD-4109A	Buda, Le Tourneau

(Issued 3-30-50)

Printed in U. S. A.

File in  
Equipment & Parts List Binder

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



# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VAT-4001A	VAT-4004AX	VAV-4001A	VAV-4002A	VAV-4002B
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-28	VRP-28	VRP-28	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-107B (20)	VRP-107B (20)	TC-51U (7)	TC-51U (7)	TC-51R (11)
Resistor - Marked ( )	1	VRP-108B (80)	VRP-108B (80)	TC-51X (38)	TC-51X (38)	TC-51M (60)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, Resistor, Bdg. Hd. #8-32x3/8	4			8X-2957	X-2957	X-2957
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Resistor Sc., Plain #8	4			8X-2971	X-2971	X-2971
Washer, Resistor Sc., Skpf. #8	4			X-1276	X-1276	X-1276
Washer, Stat. Contact, Plain #8	2	X-1503	X-1503	X-1503	X-1503	X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VAV-4002C	VAV-4401A	VAV-4402A	VAV-4403A	VAV-4404B
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VAV-2011F	VAV-2011E
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011E	VRV-2011D
Clip, Terminal	3		VRB-50			
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-28	VRP-77	VRP-28B	VRP-1002F
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-73	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-2955	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-107A (15)	VRP-107 (7)	TC-51J (15)	VRP-107A (15)	VRP-107A (15)
Resistor - Marked ( )	1	VRP-108A (60)	VRP-108 (38)	TC-51M (60)	VRP-108A (60)	VRP-108A (60)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, Resistor, Bdg. Hd. #8-32x3/8	4			8X-2957		
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32	3	8X-312	8X-321	8X-321	8X-321	8X-312
Seal Strip	1			VRP-79		
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022AS	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Resistor Screw, Plain #8	4			8X-2971		
Washer, Resistor Screw, Skpf. #8	4			X-1276		
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VAV-6001A	VAV-6001B	VAV-6002B	VBA-4101A	VBA-4101B
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VAV-2011E	VAV-2011E	VAV-2011F	VAV-2011E	VAV-2011E
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011E	VBA-2011C	VBA-2011C
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-1002R	VRP-1002R	VRP-1002J	VRP-1002F	VRP-1002F
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Rectifier	1				XA-742	XA-742
Resistor - Marked ( )	1	VRP-107A (15)	VRP-107A (15)	VRP-107A (15)	TC-51U (7)	TC-51U (7)
Resistor - Marked ( )	1	VRP-108A (60)	VRP-108A (60)	VRP-108A (60)	TC-51M (60)	TC-51M (60)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, Resistor, Bdg. Hd. #8-32x3/8	4				8X-2957	8X-2957
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B		
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022AS	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Resistor Sc., Plain #8	4				8X-2971	8X-2971
Washer, Resistor Screw, Skpf. #8	4				X-1276	X-1276
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VBA-4102A	VBA-4103A	VBA-4202A	VBA-4203A	VBA-4205A
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VAV-2011F	VAV-2011E	VAV-2011E	VAV-2011E	VAV-2011E
Armature, V. R.	1	VBA-2011D	VBA-2011C	VBA-2011C	VBA-2011C	VBA-2011C
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28B	VRP-28	VRP-1002R	VRP-1002R	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Rectifier	1	X-743	XA-742	XA-761	XA-761	XA-761
Resistor - Marked ( )	1	TC-51U (7)	TC-51U (7)	VRP-100F (80)	VRP-100F (80)	VRP-100F (80)
Resistor - Marked ( )	1	TC-51M (60)	TC-51M (60)			
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, Resistor, Bdg. Hd. #8-32	4	8X-2957	8X-2957	8X-1507 (3)	8X-1507 (3)	8X-1507 (3)
Screw, C. R. & V. R. Stat. Contact Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022AS	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Resistor Screw, Plain #8	4	8X-2971	8X-2971	8X-1464 (1)	8X-1464 (1)	8X-1464 (1)
Washer, Resistor Screw, Skpf. #8	4	X-1276	X-1276	X-1276 (3)	X-1276 (3)	X-1276 (3)
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

## CURRENT-VOLTAGE REGULATORS TYPE "VRA"

No. Used	Name of Part					VRA-4101A	VRA-4102A	VRA-4103A
	1	2	3	4	5			
1	Carbon Resistance					TC-51H	TC-51H	TC-51H
1	Carbon Resistance					TC-51J	TC-51J	TC-51J
1	Carbon Resistance					TC-51K	TC-51K	TC-51K
1	C.B. Coil Assy.					VRA-3035	VRA-3035	VRA-3035
2	Insulating Washer					GAA-35	GAA-35	GAA-35
1	Adjusting Nut					VRA-15	VRA-15	VRA-15
1	Adjusting Screw					VRA-16	VRA-16	VRA-16
1	Armature Spring					VRA-17	VRA-17	VRA-17
1	Insulation					VRA-76	VRA-76	VRA-76
1	C.B. Armature					VRA-1043	VRA-1043	VRA-1043
1	Stationary Contact Support					VRA-1073	VRA-1073	VRA-1073
6	#8 Lock Washer					X-195	X-195	X-195
4	#8 Plain Washer					8X-350	8X-350	8X-350
4	#8-32x5/16 Fill. Hd. Sc.					8X-888	8X-888	8X-888
2	#8-32x3/8 Fill. Hd. Sc.					8X-1349	8X-1349	8X-1349
2	Insulating Washer					X-1465	X-1465	X-1465
1	Cover					VRA-2	VRA-2	VRA-2
1	C.R. Coil Assy.					VRA-3070	VRA-3070D	VRA-3070
1	Adjusting Nut					VRA-15	VRA-15	VRA-15
1	Adjusting Screw					VRA-16	VRA-16	VRA-16
1	Armature Spring					VRA-17	VRA-17	VRA-17
1	Adjusting Bracket					VRA-1060	VRA-1060	VRA-1060
1	Regulator Armature					VRA-1061	VRA-1061	VRA-1061
2	#8 Plain Washer					8X-182	8X-182	8X-182
6	#8 Lock Washer					X-195	X-195	X-195
4	#8-32x5/16 Fill. Hd. Sc.					8X-888	8X-888	8X-888
2	#8-32x3/8 Fill. Hd. Sc.					8X-1349	8X-1349	8X-1349
1	Gasket					VRA-50	VRA-50	VRA-50
1	Gasket							VRA-97
1	Gasket					VRA-51	VRA-51	VRA-51
1	Insulating Tube 2 1/2					VRA-77	VRA-77	VRA-77
1	Insulation					VRA-52	VRA-52	VRA-52
1	Insulation							VRA-98
1	Lead Wire					VRA-78	VRA-78	VRA-78
1	Seal					GAG-138	GAG-138	GAG-138
1	Terminal Connector					VRA-46	VRA-46	VRA-46
1	V.R. Coil Assy.					VRA-3071	VRA-3071	VRA-3071
1	Adjusting Nut					VRA-15	VRA-15	VRA-15
1	Adjusting Screw					VRA-16	VRA-16	VRA-16
1	Armature Spring					VRA-84	VRA-84	VRA-84
1	Adjusting Bracket					VRA-1060	VRA-1060	VRA-1060
1	Regulator Armature					VRA-1080	VRA-1080	VRA-1080
2	#8 Plain Washer					8X-182	8X-182	8X-182
6	#8 Lock Washer					X-195	X-195	X-195
2	#8 Plain Washer					8X-350	8X-350	8X-350
4	#8-32x5/16 Fill. Hd. Sc.					8X-888	8X-888	8X-888
2	#8-32x3/8 Fill. Hd. Sc.					8X-1348	8X-1348	8X-1348
6	#8 Lock Washer					X-195	X-195	X-195
12	#10 Lock Washer					X-196	X-196	X-196
5	1/4 Lock Washer					X-199	X-199	X-199
4	5/16 Lock Washer					X-1014	X-1014	X-1014
6	#8 Plain Washer					8X-182	8X-182	8X-182
6	#10 Plain Washer					8X-183A	8X-183A	8X-183A
1	#10-32 Hex. Nut					8X-173	8X-173	8X-173
2	1/4-20 Hex. Nut					8X-163	8X-163	8X-163
3	1/4-28 Hex. Nut					8X-1055	8X-1055	8X-1055
4	5/16-24x1/2 Fill. Hd. Sc.					8X-137	8X-137	8X-137
6	#8-32x3/8 Rd. Hd. Sc.					8X-55	8X-55	8X-55
7	#10-32x1/2 Rd. Hd. Sc.					8X-309	8X-309	8X-309
2	#10-32x5/16 Rd. Hd. Sc.					8X-321	8X-321	8X-321
2	#10-32x3/8 Rd. Hd. Sc.					8X-311	8X-311	8X-311

( Issued 8/12/38 )



# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VBA-4206A	VBA-6001A	VBA-6003A	VBE-6001A	VBE-6003A
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VAV-2011F	VAV-2011E	VAV-2011E	VAV-2011E	VAV-2011F
Armature, V. R.	1	VBA-2011D	VBA-2011C	VBA-2011C	VRV-2011D	VRV-2011E
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28B	VRP-28	VRP-28	VRP-1002R	VRP-1002J
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Cover Sc., #10	2	12X-196	12X-196	12X-196	12X-196	X-1270
Lockwasher, Term. Sc., #10	3	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Rectifier	1	XA-761	XA-761	XA-761		
Resistor - Marked ( )	1	VRP-100F (80)	VRP-100F (80)	VRP-100F (80)	VRP-107 (7)	VRP-107 (7)
Resistor - Marked ( )	1				VRP-108D (30)	VRP-108D (30)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, Resistor, Bdg. Hd. #8-32x1/4	3	8X-1507	8X-1507	8X-1507		
Screw, C. R. & V. R. Stat. Contact Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022AS	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022AS
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Resistor Screw, Plain #8	1	8X-1464	8X-1464	8X-1464		
Washer, Resistor Screw, Skpf. #8	3	X-1276	X-1276	X-1276		
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VBE-6101A	VBE-6102A	VBE-6103A	VBE-6104A	VBE-6105A
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VAV-2011E	VAV-2011E	VAV-2011F	VAV-2011E	VAV-2011F
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011E	VRV-2011D	VRV-2011E
Clip, Terminal	3		VRB-50			
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-28	VRP-28B	VRP-28	VRP-28B
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked (7)	1	VRP-107	VRP-107	VRP-107	VRP-107	VRP-107
Resistor - Marked (30)	1	VRP-108D	VRP-108D	VRP-108D	VRP-108D	VRP-108D
Screw, Armature, #4, Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32	3	8X-312	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022AS	VBA-1022S	VBA-1022AS
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VBE-6201A	VBF-6001A	VBF-6002A	VBF-6003A	VRP-4002C
Armature, C. B.	1	CBG-1011B	CBV-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VAV-2011E	VAV-2011E	VAV-2011F	VAV-2011E	VRV-2011D
Armature, V. R.	1	VRV-2011D	VBA-2011C	VBA-2011D	VBA-2011C	VRV-2011D
Clip, Terminal Connector	3					VRB-50
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-1002R	VRP-1002R	VRP-1002J	VRP-28	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Rectifier	1		XA-761	XA-761	XA-761	
Resistor - Marked ( )	1	VRP-107 (7)	VRP-100F (80)	VRP-100F (80)	VRP-100F (80)	TC-51U (7)
Resistor - Marked ( )	1	VRP-108D (30)				TC-51X (38)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, Resistor, Bdg. Hd. #8-32	3		8X-1507	8X-1507	8X-1507	8X-2957 (4)
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32	3	8X-312	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022AS	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Resistor Screw, Plain #8	1		X-1464	X-1464	X-1464	8X-2971 (4)
Washer, Resistor Screw, Skpf. #8	3		X-1276	X-1276	X-1276	X-1276 (4)
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VRP-4002D	VRP-4004B	VRP-4004C	VRP-4004E	VRP-4004F
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D
Clip, Terminal	3	VRB-50				
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-28	VRP-28	VRP-28	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-107A (15)	VRP-107D (11)	VRP-107A (15)	VRP-107A (15)	VRP-107 (7)
Resistor - Marked ( )	1	VRP-108A (60)	VRP-108A (60)	VRP-108A (60)	VRP-108A (60)	VRP-108 (38)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32	3	8X-321	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT VOLTAGE REGULATORS  
 Type "VRB"  
 -4002A to -4004B

No. Used	Name of Part	VRB-4002A	VRB-4002C	VRB-4002D	VRB-4003A	VRB-4004B
		1 2 3 4 5				
	Superseding Regulator*	VRP-4006A	VRP-4006B	VRP-4006C		VRP-4001C
1	Carbon Resistance					TC-51L
1	Carbon Resistance	TC-51M	TC-51M	TC-51L	TC-51L	TC-51U
1	C.B. Coil Assembly	VRB-3104CS	VRB-3104CS	VRB-3104CS	CB-3104ES	VRB-3104CS
1	Armature Spring	CB-123	CB-123	CB-123	CB-123	CB-123
1	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
1	#10 Plain Washer	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173	8X-173	8X-173
1	Connector Link	VRB-41	VRB-41	VRB-41	VRB-41	VRB-41
1	Cover	VRB-1002	VRB-1002	VRB-1002	VRB-1002	VRB-1002A
1	Cover Gasket	VRB-63	VRB-63	VRB-63	VRB-63	VRB-63
1	C.R. Coil Assembly	VRB-2032AS	VRB-2032AS	VRB-2032AS	VRB-2012S	VRB-2032AS
1	Armature Spring	CB-123	CB-123	CB-123	CB-123	CB-123
1	Insulation	VRB-23	VRB-23	VRB-23	VRB-23	VRB-23
1	Insulating Washer	VRB-52	VRB-52	VRB-52	VRB-52	VRB-52
1	Regulator Armature	VRB-1011	VRB-1011	VRB-1011	VRB-1011	VRB-1011
1	Stationary Contact Support	VRB-1022A	VRB-1022A	VRB-1022A	VRB-1022A	VRB-1022A
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173	8X-173	8X-173
1	#10 Plain Washer	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	#8 Lock Washer	X-195	X-195	X-195	X-195	X-195
1	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
1	#8-32x3/16 Bdg. Hd. Screw	8X-722	8X-722	8X-722	8X-722	8X-722
1	#8-32x5/16 Bdg. Hd. Screw	8X-723	8X-723	8X-723	8X-723	8X-723
1	Insulating Washer	X-1162	X-1162	X-1162	X-1162	X-1162
1	#8 Skpf. Washer	X-1275	X-1275	X-1275	X-1275	X-1275
1	#8 Plain Washer	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4	Eyelet	IG-97	IG-97	IG-97	IG-97	VRB-36
4	Grommet	EC-41	EC-41	EC-41	EC-41	VRB-37
1	Insulating Tube 2 3/4"	TC-115D	TC-115D	TC-115D	TC-115D	TC-115D
1	Jumper	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
1	Lead Seal	X-1316	X-1316	X-1316	X-1316	X-1316
1	Resistor Bracket					VRB-51
1	V.R. Coil Assembly	VRB-3008ES	VRB-3008ES	VRB-3008ES	VRB-3008ES	VRB-3008ES
1	Armature Spring	CB-123	CB-123	CB-123	CB-123	CB-123
1	Insulation	VRB-23	VRB-23	VRB-23	VRB-23	VRB-23
1	Insulating Washer	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
1	Regulator Armature	VRB-1011	VRB-1011	VRB-1011	VRB-1011	VRB-1011
1	Stationary Contact Support	VRB-1022	VRB-1022	VRB-1022	VRB-1022	VRB-1022
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173	8X-173	8X-173
1	#8 Lock Washer	X-195	X-195	X-195	X-195	X-195
1	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
1	#8-32x3/16 Bdg. Hd. Screw	8X-722	8X-722	8X-722	8X-722	8X-722
1	#8-32x5/16 Bdg. Hd. Screw	8X-723	8X-723	8X-723	8X-723	8X-723
1	#8 Skpf. Washer	X-1275	X-1275	X-1275	X-1275	X-1275
1	#8 Plain Washer	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
6	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
4	#8 Plain Washer	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4	#8 Skpf. Washer	X-1275	X-1275	X-1275	X-1275	X-1275
6	#10-32x1/4 Rd. Hd. Screw	8X-312	8X-312	8X-312	8X-312	8X-312
2	#8-32x7/16 Bdg. Hd. Screw	8X-1496	8X-1496	8X-1496	8X-1496	8X-1496
1	#8-32x11/16 Bdg. Hd. Screw					8X-1497

(Issued 10-8-40)

\* When a complete regulator is needed use the superseding regulator as tabulated.

TC-51L - Marked 30  
 TC-51M - Marked 60  
 TC-51U - Marked 7

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

## CURRENT VOLTAGE REGULATORS

Type "VRB"

-4004C to -4007B

No. Used	Name of Part	VRB-4004C	VRB-4005A	VRB-4006A	VRB-4007A	VRB-4007B
	1 2 3 4 5					
	Superseding Regulator*	VRP-4001E	VRP-4101A	VRW-4001A		
1	Carbon Resistance				TC-51M	TC-51L
1	Carbon Resistance	TC-51M	TC-51L	TC-51L	TC-51R	TC-51U
1	C.B. Coil Assembly	VRB-3104CS	CB-3104ES	CB-3104ES	VRB-3104CS	VRB-3104CS
1	Armature Spring	CB-123	CB-123	CB-123	CB-123	CB-123
1	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
1	#10 Plain Washer	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173	8X-173	8X-173
1	Connector Link	VRB-41	VRB-41	VRB-41	VRB-41	VRB-41
1	Cover	VRB-1002A	VRB-1002A	VRB-1002A	VRB-1002D	VRB-1002D
1	Cover Gasket	VRB-63	VRB-63	VRB-63	VRB-63	VRB-63
1	C.R. Coil Assembly	VRB-2032AS	VRB-2012S	VRB-2043S	VRB-2032S	VRB-2032S
1	Armature Spring	CB-123	CB-123	CB-123	CB-123	CB-123
1	Insulation	VRB-23	VRB-23	VRB-23	VRB-23	VRB-23
1	Insulating Washer	VRB-52	VRB-52	VRB-52	VRB-52	VRB-52
1	Regulator Armature	VRB-1011	VRB-1011	VRB-1011	VRB-1011A	VRB-1011A
1	Stationary Contact Support	VRB-1022A	VRB-1022A	VRB-1022A	VRB-1022C	VRB-1022C
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173	8X-173	8X-173
1	#10 Plain Washer	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	#8 Lock Washer	X-195	X-195	X-195	X-195	X-195
1	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
1	#8-32x3/16 Bdg. Hd. Screw	8X-722	8X-722	8X-722	8X-722	8X-722
1	#8-32x5/16 Bdg. Hd. Screw	8X-723	8X-723	8X-723	8X-723	8X-723
1	Insulating Washer	X-1162	X-1162	X-1162	X-1162	X-1162
1	#8 Skpf. Washer	X-1275	X-1275	X-1275	X-1275	X-1275
1	#8 Plain Washer	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4	Eyelet	VRB-36	VRB-36	VRB-36	IG-97	IG-97
4	Grommet	VRB-37	VRB-37	VRB-37	EC-41	EC-41
1	Insulating Tube 2 3/4"	TC-115D	TC-115D	TC-115D	TC-115D	TC-115D
1	Jumper	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
1	Lead Seal	X-1316	X-1316	X-1316	X-1316	X-1316
1	Resistor Bracket				VRB-51	VRB-51
1	V.R. Coil Assembly	VRB-3008ES	VRB-3008ES	VRB-3008ES	VRB-3008DS	VRB-3008DS
1	Armature Spring	CB-123	CB-123	CB-123	CB-123	CB-123
1	Insulation	VRB-23	VRB-23	VRB-23	VRB-23	VRB-23
1	Insulating Washer	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
1	Regulator Armature	VRB-1011	VRB-1011	VRB-1011	VRB-1011A	VRB-1011A
1	Stationary Contact Support	VRB-1022	VRB-1022	VRB-1022	VRB-1022B	VRB-1022B
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173	8X-173	8X-173
1	#8 Lock Washer	X-195	X-195	X-195	X-195	X-195
1	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
1	#8-32x3/16 Bdg. Hd. Screw	8X-722	8X-722	8X-722	8X-722	8X-722
1	#8-32x5/16 Bdg. Hd. Screw	8X-723	8X-723	8X-723	8X-723	8X-723
1	#8 Skpf. Washer	X-1275	X-1275	X-1275	X-1275	X-1275
1	#8 Plain Washer	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
6	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
4	#8 Plain Washer	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4	#8 Skpf. Washer	X-1275	X-1275	X-1275	X-1275	X-1275
6	#10-32x1/4 Rd. Hd. Screw	8X-312	8X-312	8X-312	8X-312	8X-312
2	#8-32x7/16 Bdg. Hd. Screw	8X-1496	8X-1496	8X-1496	8X-1496	8X-1496
1	#8-32x11/16 Bdg. Hd. Screw				8X-1497	8X-1497
	1 2 3 4 5					

\* When a complete regulator is needed use the superseding regulator as tabulated.

TC-51L - Marked 30  
 TC-51M - Marked 60  
 TC-51R - Marked 11  
 TC-51U - Marked 7

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

## CURRENT VOLTAGE REGULATORS

Type "VRB"  
-4008A to -4008D

No. Used	Name of Part	VRB-4008A	VRB-4008AP	VRB-4008B	VRB-4008C	VRB-4008D
	1 2 3 4 5					
	Superseding Regulator*	VRP-4006A	VRP-4006AP	VRP-4006B	VRP-4006C	VRP-4103A
1	Carbon Resistance	TC-51M	TC-51M	TC-51M	TC-51L	TC-51M
1	Carbon Resistance	TC-51R	TC-51R	TC-51R	TC-51U	TC-51R
1	C.B. Coil Assembly	VRB-3104CS	VRB-3104CS	VRB-3104CS	VRB-3104CS	VRB-3104CS
1	Armature Spring	CB-123	CB-123	CB-123	CB-123	CB-123
1	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
1	#10 Plain Washer	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173	8X-173	8X-173
1	Connector Link	VRB-41	VRB-41	VRB-41	VRB-41	VRB-41
1	Cover	VRB-1002	VRB-1002B	VRB-1002	VRB-1002	VRB-1002
1	Cover Gasket	VRB-63	VRB-63	VRB-63	VRB-63	VRB-63
1	C.R. Coil Assembly	VRB-2032AS	VRB-2032AS	VRB-2032AS	VRB-2032AS	VRB-2032AS
1	Armature Spring	CB-123	CB-123	CB-123	CB-123	CB-123
1	Insulation	VRB-23	VRB-23	VRB-23	VRB-23	VRB-23
1	Insulating Washer	VRB-52	VRB-52	VRB-52	VRB-52	VRB-52
1	Regulator Armature	VRB-1011	VRB-1011	VRB-1011	VRB-1011	VRB-1011
1	Stationary Contact Support	VRB-1022A	VRB-1022A	VRB-1022A	VRB-1022A	VRB-1022A
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173	8X-173	8X-173
1	#10 Plain Washer	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	#8 Lock Washer	X-195	X-195	X-195	X-195	X-195
1	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
1	#8-32x3/16 Bdg. Hd. Screw	8X-722	8X-722	8X-722	8X-722	8X-722
1	#8-32x5/16 Bdg. Hd. Screw	8X-723	8X-723	8X-723	8X-723	8X-723
1	Insulating Washer	X-1162	X-1162	X-1162	X-1162	X-1162
1	#8 Skpf. Washer	X-1275	X-1275	X-1275	X-1275	X-1275
1	#8 Plain Washer	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4	Eyelet	IG-97	IG-97	IG-97	IG-97	IG-97
4	Grommet	EC-41	EC-41	EC-41	EC-41	EC-41
1	Insulating Tube 2 3/4"	TC-115D	TC-115D	TC-115D	TC-115D	TC-115D
1	Jumper	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
1	Lead Seal	X-1316	X-1316	X-1316	X-1316	X-1316
1	Resistor Bracket	VRB-51	VRB-51	VRB-51	VRB-51	VRB-51
1	V.R. Coil Assembly	VRB-3008ES	VRB-3008ES	VRB-3008ES	VRB-3008ES	VRB-3008ES
1	Armature Spring	CB-123	CB-123	CB-123	CB-123	CB-123
1	Insulation	VRB-23	VRB-23	VRB-23	VRB-23	VRB-23
1	Insulating Washer	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
1	Regulator Armature	VRB-1011	VRB-1011	VRB-1011	VRB-1011	VRB-1011
1	Stationary Contact Support	VRB-1022	VRB-1022	VRB-1022	VRB-1022	VRB-1022
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173	8X-173	8X-173
1	#8 Lock Washer	X-195	X-195	X-195	X-195	X-195
1	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
1	#8-32x3/16 Bdg. Hd. Screw	8X-722	8X-722	8X-722	8X-722	8X-722
1	#8-32x5/16 Bdg. Hd. Screw	8X-723	8X-723	8X-723	8X-723	8X-723
1	#8 Skpf. Washer	X-1275	X-1275	X-1275	X-1275	X-1275
1	#8 Plain Washer	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
6	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
4	#8 Plain Washer	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4	#8 Skpf. Washer	X-1275	X-1275	X-1275	X-1275	X-1275
6	#10-32x1/4 Rd. Hd. Screw	8X-312	8X-312	8X-312	8X-312	8X-312
2	#8-32x7/16 Bdg. Hd. Screw	8X-1496	8X-1496	8X-1496	8X-1496	8X-1496
1	#8-32x11/16 Bdg. Hd. Screw	8X-1497	8X-1497	8X-1497	8X-1497	8X-1497
	1 2 3 4 5					

(Issued 10-8-40)

\* When a complete regulator is needed use the superseding regulator as tabulated.

TC-51L - Marked 30  
TC-51M - Marked 60  
TC-51R - Marked 11  
TC-51U - Marked 7

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

## CURRENT VOLTAGE REGULATORS

Type "VRB"  
-4008E to -4011B

No. Used	Name of Part	VRB-4008E	VRB-4009A	VRB-4010A	VRB-4011A	VRB-4011B
	1 2 3 4 5					
	Superseding Regulator*	VRP-4006E	VRP-4001E	VRP-4006C		
1	Carbon Resistance	TC-51M	TC-51M	TC-51L	TC-51M	TC-51L
1	Carbon Resistance	TC-51R	TC-51R	TC-51U	TC-51R	TC-51U
1	C.B. Coil Assembly	VRB-3104CS	VRB-3104CS	VRB-3104CS	VRB-3104CS	VRB-3104CS
1	Armature Spring	CB-123	CB-123	CB-123	CB-123	CB-123
1	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
1	#10 Plain Washer	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173	8X-173	8X-173
1	Connector Link	VRB-41	VRB-41	VRB-41	VRB-41	VRB-41
1	Cover	VRB-1002	VRB-1002A	VRB-1002	VRB-1002C	VRB-1002C
1	Cover Gasket	VRB-63	VRB-63	VRB-63	VRB-63	VRB-63
1	C.R. Coil Assembly	VRB-2032AS	VRB-2032AS	VRB-2032AS	VRB-2032S	VRB-2032S
1	Armature Spring	CB-123	CB-123	CB-123	CB-123	CB-123
1	Insulation	VRB-23	VRB-23	VRB-23	VRB-23	VRB-23
1	Insulating Washer	VRB-52	VRB-52	VRB-52	VRB-52	VRB-52
1	Regulator Armature	VRB-1011	VRB-1011	VRB-1011	VRB-1011A	VRB-1011A
1	Stationary Contact Support	VRB-1022A	VRB-1022A	VRB-1022A	VRB-1022C	VRB-1022C
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173	8X-173	8X-173
1	#10 Plain Washer	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	#8 Lock Washer	X-195	X-195	X-195	X-195	X-195
1	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
1	#8-32x3/16 Bdg. Hd. Screw	8X-722	8X-722	8X-722	8X-722	8X-722
1	#8-32x5/16 Bdg. Hd. Screw	8X-723	8X-723	8X-723	8X-723	8X-723
1	Insulating Washer	X-1162	X-1162	X-1162	X-1162	X-1162
1	#8 Skpf. Washer	X-1275	X-1275	X-1275	X-1275	X-1275
1	#8 Plain Washer	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4	Eyelet	IG-97	VRB-36	IG-97	VRB-36	VRB-36
4	Grommet	EC-41	VRB-37	EC-41	VRB-37	VRB-37
1	Insulating Tube 2 3/4"	TC-115D	TC-115D	TC-115D	TC-115D	TC-115D
1	Jumper	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
1	Lead Seal	X-1316	X-1316	X-1316	X-1316	X-1316
1	Resistor Bracket	VRB-51	VRB-51	VRB-51	VRB-51	VRB-51
1	V.R. Coil Assembly	VRB-3008ES	VRB-3008ES	VRB-3008ES	VRB-3008DS	VRB-3008DS
1	Armature Spring	CB-123	CB-123	CB-123	CB-123	CB-123
1	Insulation	VRB-23	VRB-23	VRB-23	VRB-23	VRB-23
1	Insulating Washer	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
1	Regulator Armature	VRB-1011	VRB-1011	VRB-1011	VRB-1011A	VRB-1011A
1	Stationary Contact Support	VRB-1022	VRB-1022	VRB-1022	VRB-1022B	VRB-1022B
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173	8X-173	8X-173
1	#8 Lock Washer	X-195	X-195	X-195	X-195	X-195
1	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
1	#8-32x3/16 Bdg. Hd. Screw	8X-722	8X-722	8X-722	8X-722	8X-722
1	#8-32x5/16 Bdg. Hd. Screw	8X-723	8X-723	8X-723	8X-723	8X-723
1	#8 Skpf. Washer	X-1275	X-1275	X-1275	X-1275	X-1275
1	#8 Plain Washer	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
6	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
4	#8 Plain Washer	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4	#8 Skpf. Washer	X-1275	X-1275	X-1275	X-1275	X-1275
6	#10-32x1/4 Rd. Hd. Screw	8X-312	8X-312	8X-312	8X-312	8X-312
2	#8-32x7/16 Bdg. Hd. Screw	8X-1496	8X-1496	8X-1496	8X-1496	8X-1496
1	#8-32x11/16 Bdg. Hd. Screw	8X-1497	8X-1497	8X-1497	8X-1497	8X-1497
	1 2 3 4 5					

\* When a complete regulator is needed use the superseding regulator as tabulated.

TC-51L - Marked 30  
TC-51M - Marked 60  
TC-51R - Marked 11  
TC-51U - Marked 7

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT VOLTAGE REGULATORS  
 Type "VRB"  
 -4012A to -4012B-1

No. Used	Name of Part	VRB-4012A	VRB-4012A-1	VRB-4012B-1
	1 2 3 4 5			
	Superseding Regulator*		VRP-4002B	VRP-4002A
1	Carbon Resistance	TC-51L	TC-51L	TC-51U
1	Carbon Resistance	TC-51U	TC-51U	TC-51X
1	C.B. Coil Assembly	VRB-3104CS	VRB-3104CS	VRB-3104CS
1	Armature Spring	CB-123	CB-123	CB-123
1	#10 Lock Washer	X-196	X-196	X-196
1	#10 Plain Washer	8X-183A	8X-183A	8X-183A
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173
1	Connector Link	VRB-41	VRB-41	VRB-41
1	Cover	VRB-1002	VRB-1002	VRB-1002
1	Cover Gasket	VRB-63	VRB-63	VRB-63
1	C.R. Coil Assembly	VRB-2032AS	VRB-2032AS	VRB-2032AS
1	Armature Spring	CB-123	CB-123	CB-123
1	Insulation	VRB-23	VRB-23	VRB-23
1	Insulating Washer	VRB-52	VRB-52	VRB-52
1	Regulator Armature	VRB-1011	VRB-1011	VRB-1011
1	Stationary Contact Support	VRB-1022A	VRB-1022A	VRB-1022A
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173
1	#10 Plain Washer	8X-183A	8X-183A	8X-183A
1	#8 Lock Washer	X-195	X-195	X-195
1	#10 Lock Washer	X-196	X-196	X-196
1	#8-32x3/16 Bdg. Hd. Screw	8X-722	8X-722	8X-722
1	#8-32x5/16 Bdg. Hd. Screw	8X-723	8X-723	8X-723
1	Insulating Washer	X-1162	X-1162	X-1162
1	#8 Skpf. Washer	X-1275	X-1275	X-1275
1	#8 Plain Washer	8X-1503	8X-1503	8X-1503
4	Eyelet	VRB-36	VRB-36	VRB-36
4	Grommet	VRB-37	VRB-37	VRB-37
1	Insulating Tube 2 3/4"	TC-115D	TC-115D	TC-115D
1	Jumper	VRB-28	VRB-28	VRB-28
1	Lead Seal	X-1316	X-1316	X-1316
1	Resistor Bracket	VRB-51	VRB-51	VRB-51
3	Terminal Plate		VRB-50	VRB-50
1	V.R. Coil Assembly	VRB-3008ES	VRB-3008ES	VRB-3008ES
1	Armature Spring	CB-123	CB-123	CB-123
1	Insulation	VRB-23	VRB-23	VRB-23
1	Insulating Washer	VRB-30	VRB-30	VRB-30
1	Regulator Armature	VRB-1011	VRB-1011	VRB-1011
1	Stationary Contact Support	VRB-1022	VRB-1022	VRB-1022
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173
1	#8 Lock Washer	X-195	X-195	X-195
1	#10 Lock Washer	X-196	X-196	X-196
1	#8-32x3/16 Bdg. Hd. Screw	8X-722	8X-722	8X-722
1	#8-32x5/16 Bdg. Hd. Screw	8X-723	8X-723	8X-723
1	#8 Skpf. Washer	X-1275	X-1275	X-1275
1	#8 Plain Washer	8X-1503	8X-1503	8X-1503
6	#10 Lock Washer	X-196	X-196	X-196
4	#8 Plain Washer	8X-1503	8X-1503	8X-1503
4	#8 Skpf. Washer	X-1275	X-1275	X-1275
6	#10-32x1/4 Rd. Hd. Screw	8X-312	8X-312	8X-312
2	#8-32x7/16 Bdg. Hd. Screw	8X-1496	8X-1496	8X-1496
1	#8-32x11/16 Bdg. Hd. Screw	8X-1497	8X-1497	8X-1497
	1 2 3 4 5			

(Issued 10-8-40)

\* When a complete regulator is needed use the superseding regulator as tabulated.

TC-51L - Marked 30  
 TC-51U - Marked 7  
 TC-51X - Marked 38



# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT-VOLTAGE REGULATORS TYPE "VRC"						VRC-4101A	VRC-4102A	VRC-4102B
No. Used	Name of Part							
	1	2	3	4	5			
1	Carbon Resistance					TC-51N	TC-51N	TC-51N
1	Carbon Resistance					TC-51P	TC-51P	TC-51P
1	Carbon Resistance					TC-51Q	TC-51Q	TC-51Q
1	C.B. Coil Assy.					VRC-3035	VRC-3035	VRC-3035
2	Insulating Washer					GAA-35	GAA-35	GAA-35
1	Adjusting Nut					VRA-15	VRA-15	VRA-15
1	Adjusting Screw					VRA-16	VRA-16	VRA-16
1	Armature Spring					VRA-17	VRA-17	VRA-17
1	Insulation					VRA-76	VRA-76	VRA-76
1	C.B. Armature					VRA-1043	VRA-1043	VRA-1043
1	Stationary Contact Support					VRA-1073	VRA-1073	VRA-1073
6	#8 Lock Washer					X-195	X-195	X-195
4	#8 Plain Washer					8X-350	8X-350	8X-350
4	#8-32x5/16 Fill. Hd. Sc.					8X-888	8X-888	8X-888
2	#8-32x3/8 Fill. Hd. Sc.					8X-1349	8X-1349	8X-1349
2	Insulating Washer					X-1465	X-1465	X-1465
1	Cover					VRA-2	VRA-2	VRA-2
1	C.R. Coil Assy.					VRA-3070C	VRA-3070C	VRA-3070C
1	Adjusting Nut					VRA-15	VRA-15	VRA-15
1	Adjusting Screw					VRA-16	VRA-16	VRA-16
1	Armature Spring					VRA-17	VRA-17	VRA-17
1	Adjusting Bracket					VRA-1060	VRA-1060	VRA-1060
1	Regulator Armature					VRA-1061	VRA-1061	VRA-1061
2	#8 Plain Washer					8X-182	8X-182	8X-182
6	#8 Lock Washer					X-195	X-195	X-195
4	#8-32x5/16 Fill. Hd. Sc.					8X-888	8X-888	8X-888
2	#8-32x3/8 Fill. Hd. Sc.					8X-1349	8X-1349	8X-1349
1	Gasket					VRA-50	VRA-50	VRA-50
1	Gasket					VRA-51	VRA-51	VRA-51
1	Insulating Tube 2 1/2"					VRA-77	VRA-77	VRA-77
1	Insulation					VRA-52	VRA-52	VRA-52
1	Lead Wire					VRA-78	VRA-78	VRA-78
1	Seal					GAG-138	GAG-138	GAG-138
1	Terminal Connector					VRA-46	VRA-46	VRA-46
1	V.R. Coil Assy.					VRC-3071	VRC-3071	VRC-3071
1	Adjusting Nut					VRA-15	VRA-15	VRA-15
1	Adjusting Screw					VRA-16	VRA-16	VRA-16
1	Armature Spring					VRA-84	VRA-84	VRA-84
1	Adjusting Bracket					VRA-1060	VRA-1060	VRA-1060
1	Regulator Armature					VRA-1080	VRA-1080	VRA-1080
2	#8 Plain Washer					8X-182	8X-182	8X-182
6	#8 Lock Washer					X-195	X-195	X-195
2	#8 Plain Washer					8X-350	8X-350	8X-350
4	#8-32x5/16 Fill. Hd. Sc.					8X-888	8X-888	8X-888
2	#8-32x3/8 Fill. Hd. Sc.					8X-1349	8X-1349	8X-1349
6	#8 Lock Washer					X-195	X-195	X-195
12	#10 Lock Washer					X-196	X-196	X-196
5	1/4 Lock Washer					X-199	X-199	X-199
4	5/16 Lock Washer					X-1014	X-1014	X-1014
6	#8 Plain Washer					8X-182	8X-182	8X-182
6	#10 Plain Washer					8X-183A	8X-183A	8X-183A
1	#10-32 Hex. Nut					8X-173	8X-173	8X-173
2	1/4-20 Hex. Nut					8X-163	8X-163	8X-163
3	1/4-28 Hex. Nut					8X-1055	8X-1055	8X-1055
3	5/16-24x1/2 Fill. Hd. Sc.					8X-137	8X-137	8X-137
6	#8-32x3/8 Rd. Hd. Sc.					8X-55	8X-55	8X-55
7	#10-32x1/2 Rd. Hd. Sc.					8X-309	8X-309	8X-309
2	#10-32x5/16 Rd. Hd. Sc.					8X-321	8X-321	8X-321
2	#10-32x3/8 Rd. Hd. Sc.					8X-311	8X-311	8X-311
	1	2	3	4	5			

( Issued 8/12/38 )

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# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

No. Used	Name of Part	VRB-4001A	VRB-4001B	VRB-4001C	VRB-4002A	VRB-4002B	VRB-4002C	VRB-4003A	VRB-4004A	VRB-4005A
		1	2	3	4	5				
1	Carbon Resistance									TC-51T
1	Carbon Resistance	TC-51M								
1	C.B. Coil Assy.	CB-3104CS								
1	Armature Spring	CB-123								
1	#10 Lock Washer	X-196								
1	#10 Plain Washer	8X-183A								
1	#10-32 Hex. Nut	8X-173								
1	Connector Link	VRB-41								
1	Cover	VRB-1002	VRB-1002	VRB-1002	VRB-1002A	VRB-1002A	VRB-1002A	VRB-1002A	VRB-1002	VRB-1002A
1	Cover Gasket	VRB-63								
1	C.R. Coil Assy.	VRB-2043S								
1	Armature Spring	CB-123								
1	Insulation	VRB-23								
1	Insulating Washer	VRB-52								
1	Regulator Armature	VRB-1011								
1	Stationary Contact Support	VRB-1022A								
1	#10-32 Hex. Nut	8X-173								
1	#10 Plain Washer	8X-183A								
1	#8 Lock Washer	X-195								
1	#10 Lock Washer	X-196								
1	#8-32x3/16 Bdg. Hd. Sc.	8X-722								
1	#8-32x5/16 Bdg. Hd. Sc.	8X-723								
1	Insulating Washer	X-1162								
1	#8 Skrf. Washer	X-1275								
1	#8 Plain Washer	8X-1503								
4	Eyelet	VRB-36	VRB-36	VRB-36	IC-97	IC-97	IC-97	VRB-36	VRB-36	IC-97
4	Grommet	VRB-37	VRB-37	VRB-37	EC-41	EC-41	EC-41	VRB-37	VRB-37	EC-41
1	Insulating Tube 2-3/4"	TC-115D								
1	Jumper	VRB-28								
1	Lead Seal	X-1316								
1	V.R. Coil Assy.	VRB-3008S								
1	Armature Spring	CB-123								
1	Insulation	VRB-23								
1	Insulating Washer	VRB-30								
1	Regulator Armature	VRB-1011								
1	Stationary Contact Support	VRB-1022								
1	#10-32 Hex. Nut	8X-173								
1	#8 Lock Washer	X-195								
1	#10 Lock Washer	X-196								
1	#8-32x3/16 Bdg. Hd. Sc.	8X-722								
1	#8-32x5/16 Bdg. Hd. Sc.	8X-723								
1	#8 Skrf. Washer	X-1275								
1	#8 Plain Washer	X-1503								
6	#10 Lock Washer	X-196								
4	#8 Plain Washer	8X-1503								
3	#8 Skrf. Washer	X-1275								
6	#10-32x1/4 Rd. Hd. Sc.	8X-312								
2	#8-32x7/16 Bdg. Hd. Sc.	8X-1496								
1	#8-32x11/16 Bdg. Hd. Sc.									8X-1497
	1 2 3 4 5									

(Issued 10-21-38)

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

No. Used	Name of Part	VRD-4001A	VRD-4001B	VRD-4002A	VRD-4002B	VRD-4003A*	VRD-4003B	VRD-4004A	VRD-4006A	VRD-4006B	VRD-4008A	VRD-4009A	VRD-4010A
		1	2	3	4	5							
1	Carbon Resistance	TC-51T											
1	C.B. Coil Assy.	VRB-3104AS	VRB-3104AS	VRB-3104AS	VRB-3104AS	VRB-3104BS	VRB-3104BS	VRB-3104AS	VRB-3104AS	VRB-3104AS	VRB-3104BS	VRB-3104AS	VRB-3104AS
1	Armature Spring	CB-123											
1	#10 Lock Washer	X-196											
1	#10 Plain Washer	8X-183A											
1	#10-32 Hex. Nut	8X-173											
1	Cover	VRD-1002	VRD-1002	VRD-1002A	VRD-1002A	VRD-1002	VRD-1002	VRD-1002B	VRD-1002	VRD-1002	VRD-1002	VRD-1002	VRD-1002
1	Cover Gasket	VRD-32											
3	Eyelet	VRB-36											
3	Grommet	VRB-37											
1	Insulating Tube - 1 1/2"	TC-115E											
1	Lead Seal	X-1316											
5	Terminal					X-999	X-999						
4	Terminal Clip	VRB-50	VRB-50									VRB-50	
1	V.R. Coil Assy.	VRB-3008FS	VRB-3008FS	VRB-3008FS	VRB-3008FS	VRB-3008FS	VRB-3008FS	VRB-3008AS	VRB-3008FS	VRB-3008FS	VRD-3030S	VRB-3008FS	VRB-3008FS
1	Armature Spring	CB-123											
1	Insulation	VRB-23											
1	Regulator Armature	VRB-1011	VRB-1011	VRB-1011	VRB-1011	VRB-1011	VRB-1011	VRB-1011A	VRB-1011	VRB-1011	VRB-1011	VRB-1011	VRB-1011
1	Stationary Contact Support	VRD-1022	VRD-1022	VRD-1022	VRD-1022	VRD-1022	VRD-1022	VRD-1022A	VRD-1022	VRD-1022	VRD-1022	VRD-1022	VRD-1022
1	#10-32 Hex. Nut	8X-173											
1	#8 Lock Washer	X-195											
1	#10 Lock Washer	X-196											
1	#8-32x3/16 Bdg. Hd. Sc.	8X-722											
1	#8-32x5/16 Bdg. Hd. Sc.	8X-723											
1	Insulating Washer	X-1162											
1	#8 Skpf. Washer	X-1275											
1	#8 Plain Washer	8X-1503											
7	#10 Lock Washer	X-196											
2	#8 Plain Washer	8X-1503											
2	5/16 Plain Washer	MU-37	MU-37			MU-37							
2	#8 Skpf. Washer	X-1275											
7	#10-32x1/4 Rd. Hd. Sc.	8X-312											
4	#10-32x5/16 Rd. Hd. Sc.	8X-321	8X-321			8X-321							
2	#8-32x7/16 Bdg. Hd. Sc.	8X-1496											
4	#10-32x5/16 Rd. Hd. Sc.									8X-1515			
1	2	3	4	5									

\* Use VRD-4003B when complete regulator is needed.

(Issued 10-21-38)

# THE ELECTRIC AUTO-LITE COMPANY

TOLEDO, OHIO

## PARTS LIST SPECIAL LETTER

Date 3-12-54

Pages 10 Page No. 1

Serial No. PL-3

**SUBJECT: VIBRATING TYPE REGULATORS**

Supersedes PL-3 Dated 9-1-49

The following is a complete list of Auto-Lite vibrating type regulators and shows, in addition to other information, those units which have been superseded for service by current production units. The part number of the superseding regulator is listed against the part number of the unit it replaces.

These sheets supersede all previous lists of superseding regulators. This applies equally to such information as has been issued by the Electric Auto-Lite Company and to lists prepared and distributed by any other source.

Regulator	Replaced By	Replaces	Volts	Pol.	Amps.	Mtg. Holes	Generators Used With	Years Used	Usage	Remarks
VAA-4001	VAA-4104		6	N		3	GFE	1941-44	Allis Chalmers	Batteryless
VAA-4002	VAA-4103		6	N		3	GFE	1943-46	Fairbanks Morse	Batteryless
VAA-4003	VAA-4102		6	N		3	GFE	1945-46	Fairmont	Batteryless
VAA-4101			6	P		3	GGM	1946	Oliver	Batteryless
VAA-4102		VAA-4003	6	N		3	GFE	1946	Fairmont, Chicago, Milwaukee St. Paul & Pacific R.R.	Batteryless
VAA-4103		VAA-4002	6	N		3	GFE	1946	Fairbanks Morse	Batteryless
VAA-4104		VAA-4001	6	N		3	GFE		Allis Chalmers - Replacement	Batteryless
VAB-4001A	Discontinued		6	P	14	3	GFF	1941	Galion	
VAB-4002A	Discontinued		6	N	14	3	GFF	1941	Indian Motorcycle	
VAC-4001A	Discontinued		12	P	30	4	GFK		Autocar	
VAC-4002A			12	N	30	4	GFK	1942	Marmon Herrington	Military
VAD-4103A	Discontinued		24	N	50	4	GFR	1942	Chrysler Corp.	Military
VAD-4104A	Discontinued		24	N	50	4	GFR	1942	Chrysler Corp.	Military
VAD-4105A	Discontinued		24	N	50	4	GFR	1942-43	Chrysler Corp., Ford	Military
VAD-4106A	Discontinued		24	N	50	4	GFR	1942-43	American Loco., Chrysler Corp., Ford, Lima Loco., Pacific Car, Pressed Steel Car	Military
VAD-4106B	Discontinued		24	N	50	4	GFR	1943	Chrysler Corp., Fisher Body, Montreal Loco., Pullman Std. Car, Utica Steel	Military
VAD-4106C	Discontinued		24	N	50	4	GFR	1943-45	American Loco., Baldwin Loco., Chrysler Corp., Fisher Body, International Harv., Federal Mach., Massey-Harris, Montreal Loco., Pressed Steel Car	Military
VAD-4109A			24	NP	50	4	GFR	1945-52	Buda, Climax, Harnischfeger, LeTourneau	
VAD-4109AT			24	NP	50	4	GFR	1951-53	Hall Scott, Harnischfeger	Military
VAE-4101A	Discontinued		12	N	25	4	GBG	1944	Chris Craft	
VAF-4101A			32	NP	7	4	GDW	1942	Gray Marine	
VAF-4102AM			32	NP	10	4	GDW	1944	National Supply	Military
VAF-4103A			32	NP	10	4	GDW	1947-53	Buda, National Supply	
VAG-4101A			12	N	19	4	Ford	1942	Ford	
VAG-4101B			12	N	25	4	Ford	1942-43	Ford	
VAH-4001A			24	NP	10	4	GDW	1942-43	Hill Diesel	Military
VAJ-4001A			12	NP	100	4	Homelite	1943	Marmon-Harrington	Military
VAK-4001	Discontinued		6	N		4	GFY	1943-47	Caterpillar	Batteryless
VAK-4002			6	N		3	GFE	1946-53	Fairmont	Batteryless
VAL-4101A	VAD-4001AM		24	N	25	4	GFZ	1943-44	Willys	
VAM-4101A	Discontinued		12	N	40	4	GGA	1943-44	Studebaker	Military
VAM-4101B	Discontinued		12	N	40	4	GGA	1944-45	Ford, Studebaker	Military
VAO-4001AM		VAL-4101A	24	N	25	4	GFZ	1944-46	Buda, LeTourneau, Sheppard, Willys	Military
VAO-4002A	VAS-4001A		24	N	10	4	GGF	1945	Willys	Not Used
VAP-4001	Discontinued		6	N		3	Onan	1944	Onan	
VAR-4001			24	NP		3	Onan	1944-45; 1950-52	Onan, U.S. Thermo Control	
VAS-4001A		VAO-4002A	24	N	10	4	GGF	1945	Ward LaFrance, Willys	

Regulator	Replaced By	Replaces	Volts	Pol.	Amps	Mtg. Holes	Generators Used With	Years Used	Usage	Remarks
VAT-4001A			12	P	40	3	GGA	1945-53	Autocar, Buda, Continental, Diamond T, Hercules & others	
VAT-4002A	VAT-4002AX	VAT-4002A	12	P	40	4	GGA	1946-48	Autocar	
VAT-4002AX			12	P	40	4	GGA	1949	Autocar	
VAT-4003A			12	N	40	3	GGA	1948-53	Hercules, Volvo	
VAT-4004AX			12	P	40	3	GGA	1950-54	Autocar	
VAT-4101AM		VRX-4004A VRX-4005A VRX-4005AX VAT-4101M	12	P	40	3	GGA	1946-53	Gray Marine	
VAT-6001A			12	NP	40-51	3	GGA	1950-52	Carrier Corp., Chrysler Corp.	
VAV-4001A			24	NP	13	3	Not AL	1946	Universal Trading Corp.	
VAV-4001A	VBA-4205A		6	P	50	4	GGJ	1945-49	Hercules, White	
VAV-4002A	VBA-4205A		6	P	50	3	GGJ	1946-51	Autocar, Checker Cab, Continental Diamond T, Hercules	
VAV-4002B	VBA-4205A		6	P	50	3	GGJ	1947-50	Checker Cab, KF, Stude. Tr.	
VAV-4002C			6	P	45	3	GGU	1948-50	Kaiser-Frazer	
VAV-4401A	VBA-4205A		6	P	50	3	GGJ	1947-49	Packard	
VAV-4401B			6	P	45	3	GGU	1949-50	Packard	
VAV-4402A	VBA-4205A		6	P	50-62	3	GGJ	1947-49	Service Generator	
VAV-4403A			6	N	50-62	3	GGJ	1947-49	Service Generator	
VAV-4404A			6	P	50-62	3	GGJ	1947-49	Chrysler Corp.	
VAV-4404B		VBA-4101B	6	P	45-55	3	GGU	1948-49	Chrysler Corp.	
VAV-4405A			6	N	50-62	3	GGJ	1948-49	Chrysler Corp.	
VAV-4405B		VBA-4104B	6	N	45-55	3	GGU		Chrysler Corp.	
VAV-6001A	VAV-6001B		6	P	45-55	3	GGU	1949-50	Chrysler Corp.	
VAV-6001B		VAV-6001A	6	P	50-62	3	GGU	1950-53	Chrysler Corp.	
VAV-6001BF			6	P	50-62	3	GGU	1953	Chrysler Corp.	
VAV-6002A	VAV-6002B		6	N	45-55	3	GGU	1950	Chrysler Corp.	
VAV-6002B		VAV-6002A	6	N	50-62	3	GGU	1951	Chrysler Corp.	
VAV-6003AT	Discontinued		6	P	40-51	3	GGW	1951-52	Valentine Welder	Military
VAV-6003AXT			6	P	40-51	3	GGW	1951-52	Valentine Welder	Military
VAV-6004AXT			6	N	40-51	3	GGW	1951-52	Buda, Towmotor, Valentine Welder	Military
VAV-6005A			6	P	50-62	3	GGU	1952-54	Ford of Canada	
VAV-6005BT			6	P	45-55	3				Military
VAV-6006AT	Discontinued		6	N	40-51	3	GGW	1953	Chrysler Corp.	
VAV-7003AT			6	P	40-51	3	GGW	1952	Valentine Welder	VAV-6003AT †
VAV-7003AXT			6	P	40-51	3	GGW	1951	Valentine Welder	VAV-6003AXT †
VAV-7004AXT			6	N	40-51	3	GGW	1951-52	Buda, Towmotor, Valentine Welder	VAV-6004AXT †
VAV-7005BT			6	P	45-55	3	GGU	1953		VAV-6005BT †
VAV-7006AT			6	N	40-51	3	GGW	1953	Chrysler Corp.	VAV-6006AT †
VAV-8003AT			6	P	40-51	3	GGW	1951-52	Chrysler Corp.	VAV-6003AT †
VAX-4001			32			4		1946-53	Wincharger	
VAX-4001A			24	N	15	4	GFR	1946	Buda	
VAY-4001A			6	NP	80	4	GGT		Service Generator	Not Used
VAZ-4001A	Discontinued		6	P		3	Ford	1948-50	Ford Tractor	
VAZ-5001A	Discontinued		6	P		3	Ford	1948-50	Ford Tractor	VAZ-4001A ‡
VBA-4001A	VBA-4205A		6	P	50	3	GGJ	1949	Diamond T, Packard, Studebaker, White, Service Generator	
VBA-4101A	VBA-4207A		6	P	50-62	3	GGJ	1949-50	Chrysler Corp.	
VBA-4101B	VAV-4404B		6	P	45-55	3	GGU	1949-50	Chrysler Corp.	
VBA-4102A	VBA-4206A		6	N	50-62	3	GGJ	1949-50	Service Generator	
VBA-4103A	VBA-4205A		6	P	50-62	3	GGJ	1949-50	Checker Cab, Diamond T, Packard, Studebaker, White, Service Gen.	
VBA-4104A	VBA-4208A		6	N	50-62	3	GGJ	1949	Chrysler Corp.	
VBA-4104B	VAV-4405B		6	N	45-55	3	GGU	1949	Chrysler Corp.	
VBA-4201A	VBE-6001A		6	P	40-51	3	GGW		Chrysler Corp.	Not Used
VBA-4202A	VBF-6001A		6	P	50-62	3	GGJ	1949-51	Chrysler Corp.	
VBA-4203A			6	P	35-45	3	GGZ	1950-54	Chrysler Corp.	
VBA-4203AF			6	P	35-45	3	GGZ	1952	Chrysler Corp.	
VBA-4204A	VBF-6002A		6	N	50-62	3	GGJ	1950-51	Chrysler Corp.	
VBA-4205A		VAV-4001A VAV-4002A VAV-4002B VAV-4401A VAV-4402A VBA-4001A VBA-4103A	6	P	50-62	3	GGJ	1950-54	Biederman, Checker Cab, Diamond T, Packard, Service Generator, Studebaker, White	
VBA-4206A		VBA-4102A	6	N	50-62	3	GGJ, GGU	1950-54	Service Generator, Willys	
VBA-4206AT			6	N	50-62	3	GGJ	1953	Willys	Military
VBA-4206B			6	N	45-55	3	GGU	1950-53	Four Wheel Drive	
VBA-4207A		VBA-4101A	6	P	50-62	3	GGJ	1950-53	Chrysler Corp, Dura	
VBA-4208A		VBA-4104A	6	N	50-62	3	GGJ		Chrysler Corp.	
VBA-6001A			6	P	45-55	3	GGU	1950-54	Brockway, Checker Cab, Duplex	
VBA-6001B			6	P	40-51	3	GEG	1953	Ross Carrier	
VBA-6002AM			6	P	35-45	3	GGZ	1951-53	Chrysler Corp.	
VBA-6003A			6	P	40-51	3	GEG	1951-54	Ross Carrier	
VBB-4001A			6	NP	60	4	GGX	1949	Ford of Canada	
VBB-4001B			6	NP	55	4	GCH	1953	Brockway	
VBC-4001UT	VBC-4002UT		24	N	25	4	GHA		Willys	Not Used
VBC-4002UT		VBC-4001UT	24	N	25	4	GHA	1950-54	Chrysler Corp., Ford of Canada, Okeefe & Merritt, Willys	Military

† Consists of this regulator with shielding parts

‡ Consists of this regulator with resilient mounting parts

# THE ELECTRIC AUTO-LITE COMPANY

TOLEDO, OHIO

## PARTS LIST SPECIAL LETTER

Date 3-12-54

Pages 10 Page No. 3

Serial No. PL-3

**SUBJECT: VIBRATING TYPE REGULATORS**

Supersedes PL-3 Dated 9-1-49

Regulator	Replaced By	Replaces	Volts	Pol.	Amps	Mtg. Holes	Generators Used With	Years Used	Usage	Remarks
VBD-4001A VBE-6001A		VBA-4201A VRP-4503B VRP-6004A	6 6	N P	45-57	3 3	GGW GGW	1950 1950-54	Joy Mfg. Chrysler Corp., Massey Harris	Batteryless
VBE-6001AF VBE-6001AT	Discontinued		6	P	45-57	3	GGW	1952-53	Chrysler Corp.	
VBE-6001AXT		6	P	45-57	3	GGW	1953-54	Chrysler Corp.		
VBE-6002AXT		6	N	45-57	3	GGW	1951-52	Chrysler Corp.	Military	
VBE-6003A		6	N	45-57	3	GGW	1951-53	Buda Co., Case, LeRo	Military	
VBE-6004AXT		6	N	45-57	3	GGW	1952-53	Chrysler Corp.	Military	
VBE-6005AT			6	N	45-57	3	GGW	1953	Hobart	Military
VBE-6101A			6	P	45-57	3	GGW	1953-54	Chrysler Corp.	Military
VBE-6102A			6	P	45-57	3	GGW	1951-54	Studebaker, Studebaker (Canada)	
VBE-6103A			6	P	45-57	3	GGW	1952-54	Packard	
VBE-6104A			6	N	45-57	3	GGW	1952-54	Buda	
VBE-6104A			6	P	45-57	3	GGW	1953-54	Hudson, Hudson (Canada)	
VBE-6105A			6	N	45-57	3	GGW	1953-54	Willys	Military
VBE-6105AT			6	N	45-57	3	GGW	1953	Willys	
VBF-6001A		VAV-4404A VBA-4202A VBA-4204A	6	P	55-72	3	GGJ	1951-54	Chrysler Corp.	
VBF-6002A			6	N	55-72	3	GGJ	1952-54	Chrysler Corp.	
VBF-6003A			6	P	55-72	3	GGJ	1953	Hercules, Hudson	
VBJ-6001AT			24	N	18	3	GHP	1953-54	Chrysler Corp.	
VBJ-6002AT			24	P	18	3	GHP	1953	Hobart	Military
VBJ-6003AT			24	N	18	3	GHP	1953-54	Continental, Massey Harris, Onan	Military
VBJ-7001AT			24	N	18	3	GHP	1953-54	Chrysler Corp.	VBJ-6001AT †
VBK-4101A			30	NP	20	4	GFR	1953	Buda	
VBM-4001UT			28	N	70	4	GHT	1954	U. S. Navy	Military
VRA-4101A			12	P	20	4	GBH	1936-37	Gray Marine, Hercules	
VRA-4102A			12	P	40	4	GBG, GDJ	1937-52	Autocar, Brockway, Crown Body, Continental, Diamond T, Ward LaFrance, White, Reo	
VRA-4103A	Discontinued		12	P	20	4	GBH		Chrysler Corp.	
VRA-4105A		12	NP	40	4	GBG	1941-46; 1951-53	Chris Craft, Hercules, Kahlenberg		
VRB-4001A	VRP-4006B		6	P	25	4	GCB			
VRB-4001B	VRP-4006B		6	P	25	4	GCB	1936	Diamond T	
VRB-4002A	VRP-4006A		6	P	30	4	GCE	1936		
VRB-4002B	Discontinued		12	P	35	4	GDD			Not Used
VRB-4002C	VRP-4006B		6	P	25	4	GCB	1936-37	Brockway, Diamond T, White	
VRB-4002D	VRP-4006C		6	P	28	4	GCO	1937	Cord, Nash, Packard	
VRB-4003A	VRP-4102A		6	P	22	4	GBW	1936-38	Indiana	
VRB-4004A	VRP-4001D		6	P	30	3	GCE	1939	Chrysler Corp.	
VRB-4004B	VRP-4001C		6	P	28	3	GCO, GDA	1936-39	Chrysler Corp.	
VRB-4004C	VRP-4001E		6	P	25	3	GCB	1936-37	Chrysler Corp.	
VRB-4004D	VRP-4001C		6	P	28	3	GDA			Not Used
VRB-4005A	VRP-4101A		6	P	22	3	GBW	1936-37	Chrysler Corp.	
VRB-4006A	VRW-4001A		6	P	12	3	GCP	1936-39	Chrysler Corp.	
VRB-4007A	VRP-4009A		6	N	30	4	GCE	1937-39	Mack, Reo	
VRB-4007B	Discontinued		6	N	28	4	GCO, GDA			
VRB-4008A	VRP-4006A		6	P	30	4	GCE	1937-41	Brockway, Buda, Continental, Diamond T, Gramm, Hercules, Studebaker, White	
VRB-4008AP	VRP-4006A		6	P	30	4	GCE	1937-39	Packard	
VRB-4008B	VRP-4006B		6	P	25	4	GCB	1937-40	Brockway, Buda, Checker Cab, Continental, Diamond T, Duplex, White	
VRB-4008C	VRP-4006C		6	P	28	4	GCO, GDA	1937-38	Cord, Packard	
VRB-4008D	VRP-4103A		6	P	20	4	GDL	1938-40	Chris Craft, Gray Marine	
VRB-4008E	VRP-4006E		6	P	32	4	GCE, GEB	1938-41	Studebaker, White	
VRB-4008F	Discontinued									Not Used
VRB-4009A	VRP-4001E		6	P	25	3	GCB	1937-44	Chrysler Corp.	
VRB-4010A	VRP-4006C		6	P	28	4	GCO	1937-39	Nash	
VRB-4011A	VRP-4005C		6	N	25	3	GCB			
VRB-4011B	VRP-4005D		6	N	28	3	GCO, GDA		Chrysler Corp.	
VRB-4012A	VRP-4004D		6	P	28	3	GCO, GDA	1939	Studebaker	
VRB-4012A-1	VRP-4004D		6	P	28	3	GCO	1939	Packard	
VRB-4012B-1	VRP-6001A		6	P	35	3	GEA	1939	Packard	
VRC-4101A			6	P	40	4	GCH	1936-51	Brockway, Continental, Diamond T, White	
VRC-4101B			6	P	50	4	GCH	1940-54	Bay City Shovel, Brockway, Continental, Diamond T, Hercules, White	
VRC-4101C			6	P	45	4	Delco	1944-45; 52	Onan	
VRC-4102A			6	P	40	4	1937-46	1937-46	Chrysler Corp.	
VRC-4102B			6	P	30	4	GDO	1939-44	Chrysler Corp.	
VRC-4103A			6	N	50	4	GCH	1943	Chrysler Corp.	

† Consists of this regulator with shielding parts

Regulator	Replaced By	Replaces	Volts	Pol.	Mtg. Amps	Holes	Generators Used With	Years Used	Usage	Remarks
VRD-4001A	VRR-4005A		6	P	2	2	GCJ	1937	Packard	
VRD-4001B	VRR-4005A		6	P	2	2	GCJ	1938-39	Packard	
VRD-4002A	VRR-4003A		6	P	3	3	GCJ	1937-38	Chrysler Corp.	
VRD-4002B	VRR-4003A		6	P	3	3	GCJ, GDF	1938-39	Chrysler Corp.	
VRD-4003A	VRR-4001B		6	P	2	2	GCJ	1937	Hudson	
VRD-4003B	VRR-4001B		6	P	2	2	GCJ	1937	Hudson	
VRD-4004A	VRR-4004A		6	N	2	2	GCJ	1937-39	Mack, Reo, Willys	
VRD-4005A	VRR-4005A		6	P	2	2	GCJ	1938	Packard	
VRD-4006A	VRR-4002B		6	P	2	2	GCJ	1938	Studebaker	
VRD-4006B	VRR-4002B		6	P	2	2	GDF	1938-39	Studebaker	
VRD-4007A	VRR-4003A		6	P	3	3	GCJ			
VRD-4008A	VRR-4001B		6	P	2	2	GDF, GDS	1938-39	Hudson, Terraplane	Not Used
VRD-4008B	VRR-4001A		6	P	2	2	GDS, GEC	1940	Hudson	
VRD-4009A	VRR-4005A		6	P	2	2	GDF	1938-39	Hupmobile	
VRD-4010A	VRR-4002B		6	P	2	2	GDS	1939	Nash	
VRE-4001A	VRS-4006A		12	P	15	3	GCR	1937-38	Chrysler Corp.	
VRE-4001B	VRS-4006B		12	P	12	3	GCK	1937-38	Chrysler Corp.	
VRE-4001C	VRS-4006C		12	P	17	3	GCW	1937-38	Chrysler Corp.	
VRE-4002A	VRS-4005A		12	P	15	4	GCR, GDM	1937-39	Peter Pirsch, Schacht	
VRE-4002B	VRS-4005B		12	P	17	4	GCD, GCW, GDD, GDR	1937-40	Diamond T, Kermath, Mack Jr., Peter Pirsch, Reo	
VRE-4002C	VRS-4005C		12	P	20	4	GCD	1938-39	Buda, Climax, Moreland, White	
VRE-4002D	VRS-4005D		12	P	12	4	GCK	1939	Climax	
VRE-4003A	VRS-4007A-1		12	P	15	3	GCR, GDP	1939	Studebaker, Studebaker Truck, Volvo	
VRE-4003A-1	VRS-4007A-1		12	P	15	3	GCR	1939	Packard	
VRE-4004A	VRS-4001A		12	P	15	3	GDP	1939-40	Chrysler Corp.	
VRE-4005A	VRS-4005A		12	P	15	4	GCR	1939	Nash	
VRF-4001A	VRT-4001A		12	P	2	2	GCT	1937	Hudson, Terraplane	
VRF-4003A	VRT-4001A		12	P	2	2	GCT	1938-39	Hudson, Terraplane	
VRF-4004A	VRT-4002A-1		12	P	2	2	GCT	1938-39	Hill Diesel	
VRF-4005A	VRT-4002A-1		12	P	2	2	GCT	1938-39	Studebaker	
VRF-4006A	VRT-4002A-1		12	P	2	2	GCT	1938-39	Hupmobile	
VRF-4007A	VRT-4002A-1		12	P	2	2	GCT	1939	Nash	
VRG-4101A			12	P	33	4	GCY	1937-41	Chrysler Corp.	
VRG-4102A	Discontinued		12	P	33	4	GCY			
VRG-4102B	VRG-4102C		12	P	26	4	GEH	1942-52	Four Wheel Drive, Hercules, Sterling	
VRG-4102C		VRG-4102B	12	P	26	4	GEH	1945	Four Wheel Drive	Waterproof
VRG-4102D			12	P	26	4	GEH	1946-53	Ahren Fox, Four Wheel Drive, Diamond T, Manitoewoc	
VRG-4103A			12	N	20	4	GCY	1938-45	Continental, Kermath, Universal	
VRG-4103B			12	N	26	4	GEH	1942-54	Ahrens Fox, Available, Harnischfeger	
VRG-4103C			12	N	35	4	GDM	1942-43	Studebaker	Military
VRG-4103D			12	N	26	4	GEH	1945	Biederman	Waterproof
VRG-4104A			12	P	40	4	GCY	1942	Superior Coach	
VRG-4105A			12	N	20	4	GCY	1942-45	Continental, Kermath	Military
VRG-4105B			12	N	26	4	GEH		Dept. of Munitions	Military
VRG-4106A	Discontinued		12	P	26	4	GEH	1942-45	Dept. of Munitions	Military
VRH-4101A			12	NP	55	4	GDJ	1940-53	Climax, Crown Body, Diamond T, Waukesha, White	
VRH-4101B			12	NP	50	4	GDJ, Ford	1941-44;	Ford (Canada)	
VRH-4101C			12	NP	50	4	Ford	1953-54	Willys	
VRH-4102A			12	NP	55	4	GDJ	1943-45	Ford (Canada)	
								1939-54	Brockway, Continental, Diamond T, Duplex, Hercules, Ward LaFrance, Wisconsin, and others	
VRH-4102B			12	NP	55	4	GDJ	1946-54	Biederman, Diamond T, Four Wheel Drive, Peter Pirsch	Waterproof
VRH-4103A	VRH-4104F-1		12	P	55	4	GDJ	1940	Chrysler Corp.	Military
VRH-4103A-1	VRH-4104F-1		12	NP	55	4	GDJ	1940	Chrysler Corp.	Military
VRH-4104A-1			12	NP	55	4	GDJ	1940-50	Chrysler, Climax, Hall Scott, Studebaker, Willys	
VRH-4104B-1			12	NP	55	4	GDJ	1944	Common Wealth of Australia, Willys	Military
VRH-4104C-1			12	NP	55	4	GDJ	1943-44	Hall Scott	Military
VRH-4104D-1			12	NP	55	4	GDJ	1944-47	Chrysler Corp, Superior Coach	Waterproof
VRH-4104E-1			12	NP	55	4	GDJ	1944-45	U. S. Navy, Willys	Waterproof
VRH-4104F-1		VRH-4103A VRH-4103A-1	12	NP	55	4	GDJ	1945-54	Biederman, ACF Brill, Hall Scott, Kenworth	Waterproof
VRH-4105A			12	NP	50	4	GFM	1941-42	Rock Island Arsenal	Military
VRH-4106A			12	NP	55	4	GDJ	1942-45	Continental, White	Military
VRH-4106B			12	NP	50	4	GDJ	1943-44	Ford (Canada)	Military
VRH-4107A-1M			12	NP	55	4	GDJ	1945;50	Willys	Waterproof
VRH-4107B-1M			12	NP	55	4	GDJ	1945	Chrysler Corp. (Canada)	Waterproof
VRH-4107B-1T			12	NP	55	4		1951-53	Chrysler Corp., Continental	Military
VRH-7107B-1T			12	NP	4	4			Chrysler Corp.	Military
VRJ-4001A	VRP-4006F		6	P	40	4	GDT	1939-41	Diamond T, Lima Loco.	
VRJ-4002A	VRP-4009C		6	N	40	4	GDT	1939	Seagraves	
VRK-4001A	VRV-4001A		24	P	10	3	GDW	1938-39	Chrysler Corp.	
VRO-4001A	VRX-4001A		12	P	30	4	GDM	1939-40	Oshkosh	
VRP-4001A	VRP-4503A		6	P	35	3	GDZ	1940-48	Chrysler Corp.	
VRP-4001AX	VRP-4503AX		6	P	35	3	GDZ	1941-51	Chrysler Corp, Hobart	
VRP-4001B			6	P	32	3	GEB	1940-48	Chrysler Corp.	
VRP-4001C		VRB-4004B VRB-4004D	6	P	28	3	GCO, GDA	1940	Chrysler Corp.	

# THE ELECTRIC AUTO-LITE COMPANY

TOLEDO, OHIO

## PARTS LIST SPECIAL LETTER

Date 3-12-54

Pages 10 Page No. 5

Serial No. PL-3

**SUBJECT: VIBRATING TYPE REGULATORS**

Supersedes PL-3 Dated 9-1-49

Regulator	Replaced By	Replaces	Volts	Poi.	Amps	Mtg. Holes	Generators Used With	Years Used	Usage	Remarks
VRP-4001D		VRB-4004A	6	P	30	3	GCE		Chrysler Corp.	
VRP-4001E		VRB-4004C	6	P	25	3	GCB		Chrysler Corp.	
VRP-4001F		VRB-4009A	6	P	40	3	GEG	1941-47	Chrysler Corp.	
VRP-4001G			6	P	40	3	GFP	1942	Chrysler Corp.	
VRP-4002A		VRP-4002C	6	P	35	3	GEA	1940	Packard	
VRP-4002B	VRP-4004D		6	P	28	3	GCO		Packard	
VRP-4002C	VRP-4002A		6	P	35	3	GDZ, GEA	1941-47	Climax, Packard	
VRP-4002D			6	P	35	3	GEB	1941-47	Packard	
VRP-4003A		VRP-4202A-1	6	P	35	3	GEA	1940	Packard	
VRP-4003B	VRP-8001A		6	P	35	3	GEA		Packard	With Tell-Tale
VRP-4004A	VRP-8001A		6	P	35	3	GDZ, GEA	1940-42	Nash, Studebaker, Wisconsin	Not Used
VRP-4004B			6	P	30	3	GCE	1939;50-53	Harnischfeger, Studebaker	
VRP-4004C		VRP-4004C-1	6	P	32	3	GEB	1940-54	Autocar, Brockway, Buda, Continental, Diamond T, Harnischfeger, Hercules, Service Generator, Studebaker and others	
VRP-4004C-1	VRP-4004C		6	P	32	3	GEB	1941	Nash	
VRP-4004CX			6	P	32	3	GEB	1944-46	Kahlenberg	
VRP-4004D		VRB-4012A, -1	6	P	28	3	GDA	1941-46	Continental, International, Studebaker	
VRP-4004E		VRP-4002B	6	P	40	3	GEG	1940-54	Autocar, Continental, Diamond T, Ford (Canada), Hercules, Service Generator, and others	
VRP-4004F		VRP-4004F-1 VRP-4004F-2	6	P	35	3	GDZ, GES	1941-50	Buda, Continental, Diamond T, Frazer, International, Kaiser, Nash, Studebaker, Exchange Gen., and others	
VRP-4004F-1	VRP-4004F		6	P	35	3	GDZ	1941-46	Nash	
VRP-4004F-2	VRP-4004F		6	P	35	3	GDZ	1946-50	Crosley, Frazer, Kaiser	
VRP-4004F-3		VRP-6101A	6	P	35	3	GDZ	1954	Hudson	
VRP-4004FX			6	P	35	3	GDZ	1943-54	Clark, Continental, Hercules	
VRP-4004G			6	P	25	3	GEW	1941-53	Autocar, American Bantam, Buda, Harnischfeger	
VRP-4004H			6	P	30	3	GES		Exchange Generator	
VRP-4004J			6	P	40	3	GFP		Service Generator	
VRP-4004K			6	P	25	3	GEB	1946-54	Bay City	
VRP-4004L			6	P	20	3	GEG	1954	Gray Marine, Kermath, Owens Yacht	
VRP-4004P			6	P	40	3	GGW, GHK	1954	Buda, Diamond T	
VRP-4004P-1			6	P	40	3	GDZ	1954	Hudson	
VRP-4005A			6	N	35	3	GDZ	1940-48	Chrysler Corp.	
VRP-4005B			6	N	32	3	GEB	1940-48	Chrysler Corp.	
VRP-4005C		VRB-4011A	6	N	25	3	GCB		Chrysler Corp.	
VRP-4005D		VRB-4011B	6	N	28	3	GCO, GDA		Chrysler Corp.	
VRP-4005E			6	N	40	3	GEG	1941-48	Chrysler Corp.	
VRP-4006A		VRB-4002A VRB-4008A VRB-4008AP VRP-4006AP	6	P	30	4	GCE	1940-46	Brockway, Continental, Diamond T, Studebaker, White, and others	
VRP-4006AP	VRP-4006A		6	P	30	4	GCE		Replacement	
VRP-4006B		VRB-4001A VRB-4001B VRB-4002C VRB-4008B	6	P	25	4	GCB		Brockway, Checker Cab, Diamond T, White	
VRP-4006C		VRB-4002D VRB-4008C VRB-4010A	6	P	28	4	GCO, GDA		Replacement	
VRP-4006D			6	P	30	4	GEG	1941	Modern Improvement Co.	
VRP-4006E		VRB-4008E	6	P	32	4	GCE, GEB	1940-49	Brockway, Diamond T, F. W. D., Galion, Pirsch, Service Gen., Studebaker, and others	
VRP-4006F		VRJ-4001A	6	P	40	4	GDT, GEG	1940-50	Brockway, Checker Cab, Diamond T, Duplex, F. W. D., Hercules, Sterling and others	
VRP-4006G			6	P	25	4	GDA, GEW	1940-48	American Batam, Checker Cab, Continental, Lathrop	
VRP-4006H			6	P	35	4	GDZ	1944-46	Continental	
VRP-4006J			6	P	40	4	GEG		White	
VRP-4006K			6	P	20	4	GDL		Gray Marine	
VRP-4006L			6	P	20	4	GEG		Caterpillar	
VRP-4007A			6	N	32	3	GEB	1940-45	Chrysler Corp., Service Gen.	
VRP-4007B	VRP-4502A		6	N	40	3	GEG		Service Generator	
VRP-4007C	VRP-6003A		5	N	35	3	GDZ, GES	1941-46	Case, Hobart, Exchange Gen., Volvo	
VRP-4007C-1	VRP-6003A		6	N	35	3	GDZ	1942	U. S. Motors, Wisconsin	
VRP-4007C-2			6	N	35	3	GDZ	1944-50	Volvo, Willys	
VRP-4007D			6	N	30	3	GES		Exchange Generator	

Regulator	Replaced By	Replaces	Volts	Pol.	Amps	Mtg. Holes	Generators Used With	Years Used	Usage	Remarks
VRP-4007E		VRP-4107A	6	N	20	3	GEG		Gray Marine	
VRP-4008A			6	P	40	3	GEG	1940-46	Hudson	With Tell-Tale
VRP-4008B			6	P	35	3	GEA	1940-42	Hudson	With Tell-Tale
VRP-4008C			6	P	32	3	GEB	1940	Hudson	With Tell-Tale
VRP-4008D			6	P	35	3	GEB	1940	Hudson	With Tell-Tale
VRP-4009A	Discontinued	VRB-4007A	6	N	30	4	GCE		Reo	
VRP-4009B			6	N	28	4	GCO, GDA		Replacement	
VRP-4009C		VRJ-4002A	6	N	40	4	GDT, GEG	1940-53	Seagraves, Willys	
VRP-4009D			6	N	25	4	GDA	1941	Willys	
VRP-4009E			6	N	20	4	GDL		Chris Craft	
VRP-4009F			6	N	20	4	GEG		Caterpillar, Chris Craft	
VRP-4010A			6	P	32	4	GEB	1941-46	White	With Tell-Tale
VRP-4011			6	P	40	3			Service	
VRP-4101A		VRB-4005A	6	P	22	3	GBW		Replacement - Chrysler Corp.	
VRP-4102A		VRB-4003A	6	P	22	4	GBW	1940-47	Climax, General Electric, Hercules Moreland	
VRP-4102AX		VRB-4008D	6	P	22	4	GBW	1943-44	General Electric	
VRP-4103A			6	P	20	4	GDL	1940	Gray Marine	
VRP-4103B			6	P	20	4	GEG	1944	Caterpillar	
VRP-4104A			6	N	20	4	GDL	1940-50	Chris Craft	
VRP-4104B			6	N	20	4	GEG	1940-49	Caterpillar, Chris Craft	
VRP-4104B-1	Discontinued		6	N	20	4	GEG		Caterpillar	Not Used
VRP-4105A			6	P	20	3	GEG	1940-54	Easthope, Gray, Kermath, Owens Yacht, Vivian Diesel	
VRP-4105AM			6	P	20	3	GEG	1946-52	Gray Marine	
VRP-4106A			6	P	20	3	GEJ	1941-42	Climax	
VRP-4106B			6	P	22	3	GDZ	1943-45	U. S. Fire Protection, Reo	
VRP-4107A	VRP-4007E		6	N	20	3	GEG	1948-49;53	Gray Marine	
VRP-4201A-1	VRP-6001A		6	P	35	3	GEA	1940	Packard	
VRP-4202A-1	VRP-4003A		6	P	35	3	GEA	1940	Packard	
VRP-4301AM			6	P	35	3	GDZ	1944-47	Chrysler Corp.	
VRP-4302AM			6	P	17	3	GDZ	1946-51;54	Chrysler Corp.	
VRP-4302BM			6	P	17	3	GDZ	1947-51	Easthope, Packard Marine	
VRP-4303AM			6	P	32	3	GEB	1949	Ross Carrier	
VRP-4303AXM			6	P	32	3	GEB	1946;50;53	Kahlenberg	
VRP-4303BM			6	P	25	3	GEB	1949	Bay City Shovel	
VRP-4303CM			6	P	20	3	GEG	1954	Gray Marine	
VRP-4303DM			6	P	17	3	GDZ	1954	Chrysler Corp.	
VRP-4303EM			6	P	17	3	GDZ	1954	Easthope, Packard Marine	
VRP-4304AM			6	N	17	3	GDZ	1948-49	Packard Marine	
VRP-4401A	VRP-4503A		6	P	35	3	GDZ	1946	Chrysler Corp.	
VRP-4401AX	VRP-4503AX		6	P	35	3	GDZ	1946-47	Chrysler Corp.	
VRP-4401B	VRP-4404A		6	P	40	3	GEG	1947-49	Chrysler Corp.	
VRP-4401C			6	P	40	3	GEG	1947-49	Chrysler Corp.	
VRP-4401D			6	P	32	3	GEB	1948-49	Chrysler Corp.	
VRP-4402A	VRP-6001A		6	P	35	3	GDZ, GEA	1947-49	Packard	
VRP-4402B	VRP-4501C		6	P	40	3	GEG	1947-49	Packard	
VRP-4402C	VRP-4402C-1		6	P	40	3	GGW	1949-51	Packard	
VRP-4402C-1		VRP-4402C	6	P	40	3	GGW	1954	Packard	
VRP-4403A		VRP-6006A	6	N	40	3	GEG		Chrysler Corp.	
VRP-4404A		VRP-4401B	6	P	40	3	GEG		Chrysler Corp.	
VRP-4405A			6	P	32	3	GEB	1950-51	Chrysler Corp.	
VRP-4501A	VRP-4503A		6	P	35-45	3	GDZ	1948-49	Chrysler Corp.	
VRP-4501AX	VRP-4503AX		6	P	35-45	3	GDZ	1948-49	Chrysler Corp.	
VRP-4501C		VRP-4402B	6	P	40-51	3	GEG		Service Generator	
VRP-4502A		VRP-4007B	6	N	40-51	3	GEG		Service Generator	
VRP-4503A		VRP-4001A	6	P	35-45	3	GDZ	1948-51	Chrysler Corp.	
		VRP-4401A								
		VRP-4501A								
VRP-4503AX		VRP-4001AX	6	P	35-45	3	GDZ	1949	Chrysler Corp.	
		VRP-4401AX								
		VRP-4501AX								
VRP-4503B	VBE-6001A		6	P	40-51	3	GGW	1949-50	Chrysler Corp.	
VRP-4503BX			6	P	40-51	3	GGW	1949-54	Chrysler Corp.	
VRP-4503C			6	P	35-45	3	GGZ	1949	Chrysler Corp.	
VRP-6001A		VRB-4012B-1	6	P	35	3	GDZ	1950-54	Continental, Diamond T, Frazer, Kaiser, Nash, Studebaker, Wisconsin and others	
		VRP-4003B								
		VRP-4004A								
		VRP-4201A-1								
		VRP-4402A								
VRP-6001AT			6	P	35	3	GDZ	1952-54	Crosley	
VRP-6001B			6	P	40	3	GGW	1950-54	Buda, Continental, Diamond T, Duplex, and others	
VRP-6001BT			6	P	40	3	GDZ	1953	Hercules	Military With Tell-Tale
VRP-6002A			6	P	35	3	GDZ	1950	Hudson	
VRP-6003A		VRP-4007C	6	N	35	3	GDZ	1950-53	Towmotor, Willys, and others	
		VRP-4007C-1								
VRP-6003AT			6	N	35	3	GDZ	1951-54	Hercules, Towmotor, Willys	
VRP-6003BT			6	N	35	3	GDZ	1951-54	Case, Continental, Towmotor	
VRP-6004A	VBE-6001A		6	P	40-51	3	GGW	1950-51	Chrysler Corp.	
VRP-6004B			6	P	25-35	3	GHB	1951-54	Chrysler Corp., Massey Harris (Canada)	
VRP-6005A			6	P	40	3	GDZ	1951-54	Nash (Canada), Studebaker	
VRP-6005BX			6	P	35	3	GDZ	1953-54	Hobart	
VRP-6006A	VRP-4402C-1		6	P	40	3	GGW		Packard	
VRP-6007A			6	N	40	3	GGW	1952-53	Onan	
VRP-6101A	VRP-4004F-3		6	P	35	3	GDZ	1950-52	Hudson, Hudson (Canada)	

# THE ELECTRIC AUTO-LITE COMPANY

TOLEDO, OHIO

## PARTS LIST SPECIAL LETTER

Date 3-12-54

Pages 10 Page No. 7

Serial No. PL-3

**SUBJECT: VIBRATING TYPE REGULATORS**

Supersedes PL-3 Dated 9-1-49

Regulator	Replaced By	Replaces	Volts	Pol.	Amps.	Mtg. Holes	Generators Used With	Years Used	Usage	Remarks
VRP-6101B			6	P	40	3	GDZ	1952-53	Hudson	
VRP-8003A			6	N	35	3	GDZ	1954	Hercules, Hough	VRP-6003A †
VRP-8003BT			6	N	35	3	GDZ	1952	Case	VRP-6003BT †
VRR-4001A		VRD-4008B	6	P		2	GDS, GEC	1940-49	Hudson	With Tell-Tale
VRR-4001B		VRD-4003A VRD-4003B VRD-4008A	6	P		2	GCJ, GDF, GDS		Replacement	
VRR-4002A			6	P		2	GCJ, GDF, GDS, GER		Replacement, Exchange Generator	
VRR-4002B		VRD-4006A VRD-4006B VRD-4010A	6	P		2	GCJ, GDF, GDS		Replacement	
VRR-4003A		VRD-4002A VRD-4002B VRD-4007A	6	P		3	GCJ, GDF	1940-44	Chrysler Corp., Replacement	
VRR-4004A		VRD-4004A	6	N		2	GCJ	1940-42	Willys	
VRR-4004B			6	N		2	GER		Exchange Generator	
VRR-4005A		VRD-4001A VRD-4001B VRD-4005A VRD-4009A	6	P		2	GCJ, GDF	1940	Hupmobile, Replacement	
VRR-4006A			6	P		2	Not AL	1942	U. S. Thermo Control	With Tell-Tale
VRR-4007A	VRR-4008AX		6	N		2	Not AL	1943-44	U. S. Thermo Control	With Tell-Tale
VRR-4008A			6	P		3	Ford	1947-48	Ford Tractor	
VRR-4008AX		VRR-4008A	6	P		3	Ford	1949	Ford Tractor	
VRR-4008AX-1			6	P		3	GGW	1950;53	Joy Mfg.	
VRR-4101A			6	N		3	GHD	1951-53	Towmotor	
VRR-4101AT			6	N		3	GHD		Case	
VRR-4102A			6	P		3	GHD	1951-54	Cockshutt, Massey Harris, Tractomotive, Wisconsin, and others	
VRR-4102AT	VRR-4103A		6	P		3	GHD	1951-52	Case, Replacement	
VRR-4102B			6	P		3	GHD	1952-53	Cockshutt	
VRR-4103A		VRR-4102B	6	P		3	GHD	1953-54	Cockshutt	
VRR-4104A			6	N		3	GHD	1953-54	Towmotor, Willys	
VRR-5008	VRR-5008AX		6	P		3	Ford	1947-48	Ford Tractor	VRR-4008A †
VRR-5008AX		VRR-5008	6	P		3	Ford	1949	Ford Tractor	VRR-4008AX †
VRS-4001A		VRE-4004A	12	P	15	3	GDP	1940	Chrysler Corp.	
VRS-4001B			12	P	18	3	GEF	1940-46	Chrysler Corp.	
VRS-4001C		VRU-4003A	12	P	12	3	GFS	1942-45	Chrysler Corp.	
VRS-4002A		VRS-4004A	12	P	15	3	GDP	1940	Packard	
VRS-4003A	VRS-4002A		12	P	15	3	GDP	1940	Packard	With Tell-Tale
VRS-4004A	VRS-4004F		12	P	15	3	GDP, GFJ	1940-46	Autocar, Maniwoc, Studebaker	
VRS-4004B			12	P	17	3	GEH	1940-51	Autocar, Climax, Continental, Hercules, Kermath, Lathrop, Oshkosh, Ward LaFrance	
VRS-4004C			12	P	17	3	GEZ	1941-53	Available, Bay City, Climax	
VRS-4004D			12	P	18	3	GEF	1941-44	Kenworth, Wisconsin	
VRS-4004E			12	P	10	3	GEF	1941-51	Atlas, Continental, Lister Black - Stone, Kermath, U. S. Motors, Wisconsin	
VRS-4004F		VRS-4004B	12	P	18	3	GEF, GEH, GGA	1942-53	Buda, Continental, Nordberg, Wisconsin	
VRS-4004G			12	P	12	3	GEF, GEG, GGG	1945-53	Atlas, Kermath	
VRS-4004H			12	P	20	3	GGO	1948	Diamond T	
VRS-4005A		VRE-4002A VRE-4005A	12	P	15	4	GCR, GDM	1940-53	Biederman, Chris Craft, Davey, Hercules, Pirsch, Schacht	
VRS-4005B		VRE-4002B	12	P	17	4	GCW, GDD, GDR	1940-45	Climax, Diamond T, Kermath, Pirsch, Reo	
VRS-4005C		VRE-4002C	12	P	20	4	GCD, GGO	1940-48	Buda, Diamond T, Federal, Hahn, Hercules, Pirsch, Sterling, and others	
VRS-4005D		VRE-4002D	12	P	12	4	GCK	1940-53	Climax, Sheppard	
VRS-4005E			12	P	10	4	GCW	1940-41	Hill Diesel	
VRS-4006A		VRE-4001A	12	P	15	4	GCR		Replacement - Chrysler Corp.	
VRS-4006B		VRE-4001B	12	P	12	3	GCK		Replacement - Chrysler Corp.	
VRS-4006C		VRE-4001C	12	P	17	3	GCW	1940-42	Chrysler Corp.	
VRS-4007A	VRS-4007A-1		12	P	15	3	GDP		Replacement	
VRS-4007A-1		VRE-4003A VRE-4003A-1 VRS-4007A	12	P	15	3	GCR, GDP		Replacement	
VRS-4007B			12	P	10	3	GEH	1940-54	Gray, Kermath, Lathrop	
VRS-4007C			12	P	15	3	GFU	1942-51	Franklin Engine, Kalamazoo, Nordberg	
VRS-4007D			12	P	20	3	GGO	1948-50	Autocar	

† Consists of this regulator with resilient mounting parts

Regulator	Replaced By	Replaces	Volts	Pol.	Amps.	Mtg. Holes	Generators Used With	Years Used	Usage	Remarks
VRS-4008A VRS-4009A VRS-4010A			12 12 12	N N N	15 18 18	4 4 3	GCR, GDM GEH GEF	1941-51 1940-44 1942-54	Biederman, Chris Craft Carrier Corp., Onan Advance, American Mfg., Detroit Wax Paper, Kohler, Onan, Wisconsin	
VRS-4010B VRS-4010C VRS-4012A VRS-4013A VRS-4014A			12 12 12 12 12	N N P P N	15 12 12 18 15	3 3 4 4 3	GFU GEF GCK GEF GFU	1946 1950-54 1942 1944 1947-49	Franklin Mtr. Buda, Hercules, Hoffars, Towmotor Sheppard Climax Franklin Engine	
VRS-4015AX VRS-4102AM VRS-4102BM VRS-4102CM	VRS-6003AM		12 12 12 12	P P P P	20 18 12 18	3 3 3 3	GGO GEF GEF, GGG GEF, GEH	1949 1944-50 1944-52 1945-52	Autocar Chrysler Corp. Chrysler Corp. Esco, Gray, Kohlenberg, Ward LaFrance	
VRS-4102DM VRS-4102EM VRS-4102FM VRS-4102FMT VRS-4103AM	VRS-4102FMT	VRS-4102FM	12 12 12 12 12	P P P P N	10 12 17 17 12	3 3 3 3 3	GGG GEF GEZ GEZ GEF	1946 1948-49 1949 1949 1949	Chrysler Corp. Packard Marine Bay City Shovel Replacement Packard Marine	
VRS-4103BM VRS-4201A  VRS-4201AX	VRS-4201AX	VRS-4201A	12 12  12	N P  P	10 12  12	3 3  3	GEH GEF  GEF	1950;53 1946-49  1949-54	Gray Marine Buda, Cockshutt, Continental, Massey Harris Buda, Cockshutt, Continental, Massey Harris, Sheppard	
VRS-5001 VRS-5004C VRS-5010C VRS-5102FM VRS-5102FMT	VRS-5004C  Discontinued	VRS-5001	12 12 12 12 12	P P N P P	17 17 12 17 17	3 3 3 3 3	GEZ GEZ  GEZ GEZ	1948 1948-52 1950-54 1949 1949	Bay City Shovel Bay City Shovel Buda, Hercules, Towmotor Bay City Shovel Bay City Shovel	VRS-4004C † VRS-4004C † VRS-4010C † VRS-4102FM † VRS-4102FMT †
VRS-5201 VRS-5201A  VRS-5201AX	VRS-5201AX VRS-5201AX	VRS-5201 VRS-5201A	12 12  12	P P  P	12 12  12	3 3  3	GEF GEF  GEF	1948-48 1948-49  1949-54	Buda, Continental, Massey Harris Buda, Cockshutt, Continental, Massey Harris Buda, Cockshutt, Continental, Massey Harris, Sheppard	VRS-4201A † VRS-4201A †  VRS-4201AX †
VRS-6001AM VRS-6002AT VRS-6003AM VRS-6004AM VRS-6005AXT VRS-6006AXT VRT-4001A		VRS-4102BM	12 12 12 12 12 12 12	P P P N P P P	18 12 12 12 12 12 12	3 3 3 3 3 3 3	GHF  GEF, GGG GEF, GGG GEF GEF GCT	1951-53 1952 1953 1952 1953-54 1953 1940-41	Chrysler Corp. Chrysler Corp. Chrysler Corp. Chrysler Corp. Sheppard Nordberg Hudson	Military      With Tell-Tale
VRT-4002A VRT-4002A-1	VRT-4002A-1	VRF-4001A VRF-4003A	12 12	P P		2 2	GCT GCT		Replacement Hercules, Hill Diesel	
VRT-4003A-1		VRF-4004A VRF-4005A VRF-4006A VRF-4007A VRT-4002A	12	P		2	GCT	1941	Hill Diesel	
VRT-4004A VRT-4005A VRT-4102A VRT-4103A			12 12 12 12	P P P P		2 2 3	GCT GEY GHH GHH	1941-46; 1949-50 1941-46 1942-45 1951-53 1954	Hill Diesel Climax, Witte U. S. Thermo Control Buda, Cockshutt, Continental Cockshutt Cockshutt, Continental, Massey - Harris	
VRT-4104A VRU-4001A VRU-4002A VRU-4003A VRU-4004A VRU-4004AX VRU-4101AM VRU-4102AM VRU-5004 VRU-5004A VRU-5004AX	VRS-4001C VRU-4004AX  Discontinued VRU-5004AX VRU-5004AX	VRU-4004A    VRU-5004 VRU-5004A	12 12 12 12 12 12 12 12 12 12 12	N P P N N P P P N N N	8 8 8 8 8 8 8 8 8 8 8	3 3 3 3 3 3 3 3 3 3 3	GHH GCK GCK GFS GGC GGC GGC GCK GGC GGC GGC	1940-44 1940-47 1940-44 1946-49 1948-50 1943 1944 1946-49 1948 1948-50	Case Atlas Diesel, U. S. Motors Chrysler Corp. Chrysler Corp. Hercules, Volvo Hercules, Volvo Hill Diesel Chrysler Corp. Volvo Hercules, Volvo Hercules, Volvo	VRU-4004A † VRU-4004A † VRU-4004AX †
VRU-6001AM VRU-6001BM VRV-4001A VRV-4001B VRV-4002A		VRK-4001A	12 12 24 24 24	P P P P P	8 6 10 5 10	3 3 3 3 4	GHW GHX GDW GDZ, GFL GDW	1953-54 1954 1939-41 1954 1941-51	Chrysler Corp. Chrysler Corp. Chrysler Corp. Chrysler Corp. Buda, Harnischfeger, Hill, Northwest, U. S. Motors	
VRV-4003A VRV-4003B VRV-4003C			24 24 24	P P P	10 10 5	3 3 3	GDW, GGF GGF, GHG GFL	1941-53 1947-53 1954	Buda, Continental, Lathrop, Northwest, Wisconsin Buda, Continental, Harnischfeger Buda, Motor Generator, Sheppard, U. S. Motors	
VRV-4004A VRV-4101A VRV-4102A			24 24 24	P P P	5 5 5	3 3 3	GFL GFL GFL	1945-48 1941-45 1943-53	Venn-Severin Chrysler Corp. Buda, Detroit Wax Paper, Hobart, Motor Generator, Sheppard, U. S. Motors	

† Consists of this regulator with resilient mounting parts

# THE ELECTRIC AUTO-LITE COMPANY

TOLEDO, OHIO

## PARTS LIST SPECIAL LETTER

Date 3-12-54

Pages 10 Page No. 9

Serial No. PL-3

**SUBJECT: VIBRATING TYPE REGULATORS**

Supersedes PL-3 Dated 9-1-49

Regulator	Replaced By	Replaces	Volts	Pol.	Amps.	Mtg. Holes	Generators Used With	Years Used	Usage	Remarks
VRV-4103A			24	N	5	3	GFL	1945-53	Continental, Detroit Wax Paper, Hobart, Nordberg	Not Used
VRV-4201A	VRV-4201AM		24	P	5	3	GFL		National Supply	
VRV-4201AM		VRV-4201A	24	P	5	3	GFL	1944-48	National Supply, Sterling	
VRV-4202AM			24	P	5	3	GFL	1944	Chrysler Corp., U.S. Motors	
VRV-4203AT			24	P	5	3	GFL	1951-53	Buda, Continental, Davey, Fermont, Hercules, Hill Diesel, Sheppard	
VRV-4203BT			24	P	10	3	GDW	1951-53	Buda	VRV-4003B †
VRV-4204AT			24	N	5	3		1953	Buda, Davey Compressor	
VRV-5003B			24	P	10	3	GGF	1949-53	Buda	
VRV-5203AT			24	P	10	3		1951-53	Buda, Continental, Davey, Fermont, Hercules, Hill Diesel, Sheppard	VRV-4203AT †
VRV-5203BT			24	P	10	3		1951-53	Buda	VRV-4203BT †
VRV-5204AT			24	N	5	3		1953	Davey	
VRV-6001A			24	P	5	3	GFL	1951-52	Hill Diesel	VRV-4204AT †
VRV-6002A			24	P	10	3	GHG	1953-54	Continental	
VRV-6002AT			24	P	10	3	GHG	1952-54	Continental, Fermont, Nordberg, Onan	
VRV-6002BT			24	P	5	3	GFL	1954	Aerojet	Military
VRV-6003A			24	N	10	3	GHG	1952-53	Willys	
VRV-6003B			24	N	5	3	GFL	1954	Detroit Wax Paper	
VRV-7001A			24	P	5	3		1951-52	Hill Diesel	VRV-6001A †
VRV-7002AT			24	P	10	3		1951-52	Continental	
VRV-4001A		VRB-4006A	6	P	12	3	GCP	1940-44	Chrysler Corp.	VRV-6002AT †
VRV-4001BX			6	P	17	3	GDZ	1948-53	Cockshutt, Massey Harris	
VRW-4002A			6	P	14	4	GBW	1940-47;52	Continental, Waite	
VRW-4003A			6	N	16	3	GEJ	1940-41;48	Buda, Indian Motorcycle	
VRW-4003BX	VRW-6001AX		6	N	14	3	GGE	1946-52	Case, Continental, Hercules, Hough, Volvo	
VRW-4003BXT	VRW-6001AXT		6	N	14	3	GGE	1951-53	Buda, Continental, Hercules, Onan	
VRW-4004A			6	P	16	4	CEB	1940-53	Foote, Hercules, Galion	
VRW-4005A	VRW-6002A		6	P	16	3	GEJ	1942-53	Continental	
VRW-4005B	VRW-6002BX		5	P	14	3	GGP	1946-49	Cockshutt, Continental, Federal Machine, Massey Harris	
VRW-4005BX	VRW-6002BX		5	P	14	3	GGE, GGP		Cockshutt, Continental, Federal Machine, Massey Harris	
VRW-4005C			5	P	17	3	GDZ	1950	Continental, Hercules	
VRW-4005DXT	VRW-6002DXT		6	P	17	3	GDZ	1951	Hercules	
VRW-4101AM	VRW-6003AM		6	P	14	3	GGE	1944-52	Chrysler Corp.	
VRW-4102AM	VRW-6004AM		5	N	14	3	GGE	1948-49	Chrysler Corp.	
VRW-5003BX	VRW-8001AX		6	N	14	3	GGE	1946-52	Case, Continental, Hercules, Volvo	VRW-4003BX †
VRW-5003BXT	VRW-8001AXT		6	N	14	3	GGE	1951-53	Buda, Continental, Hercules, Onan	VRW-4003BXT †
VRW-5005B	VRW-8002BX		6	P	14	3	GGP	1942-49	Cockshutt, Continental, Federal Machine, Massey Harris	VRW-4005B †
VRW-5005BX	VRW-8002BX		6	P	14	3	GGE, GGP	1949-53	Cockshutt, Continental, Federal Machine, Massey Harris	VRW-4005BX †
VRW-5005C			6	P	17	3	GDZ	1950	Continental, Hercules, Hobart, Massey Harris	VRW-4005C †
VRW-5005DXT	VRW-8002DXT		6	P	17	3	GDZ	1951	Hercules	VRW-4005DXT †
VRW-6001AX		VRW-4003BX	6	N	14	3	GGE	1952-53	Hercules	
VRW-6001AXT		VRW-4003BXT	6	N	14	3	GGE	1952-53	Buda, Continental, Hercules, Onan	
VRW-6001B			6	N	16	3	GEJ	1954	Indian, Volvo	
VRW-6002A		VRW-4005A	6	P	16	3	GEJ	1952	Continental	
VRW-6002B			6	P	14	3	GGE	1954	Automatic Trans., Continental	
VRW-6002BX		VRW-4005B	6	P	14	3	GGE, GGP	1954	Continental	
VRW-6002BXT		VRW-4005BX	6	P	14	3	GGE		Continental	
VRW-6002C			6	P	17	3	GDZ	1952	Continental	
VRW-6002DXT		VRW-4005DXT	6	P	17	3	GDZ	1953	Hercules	
VRW-6003AM		VRW-4101AM	6	P	14	3	GGE	1953	Chrysler Corp.	
VRW-6003BM			6	P	12	3	GHR	1953	Chrysler Corp.	
VRW-6004AM		VRW-4102AM	6	N	14	3	GGE	1952	Chrysler Corp.	
VRW-6004BM			6	N	12	3	GHR	1953	Chrysler Corp.	
VRW-6005AXT			6	N	17	3	GDZ	1952	Hercules	
VRW-6006AM			6	P	16	3	GHU	1953	Chrysler Corp.	
VRW-7005AXT			6	N	17	3	GDZ	1952	Hercules	
VRW-8001AX		VRW-5003BX	6	N	14	3	GGE	1952-53	Hercules	VRW-6005AXT †
VRW-8001AXT		VRW-5003BXT	6	N	14	3	GGE	1952-53	Buda, Continental, Hercules, Onan	VRW-6001AXT †
VRW-8002B			6	P	14	3	GGE	1954	Continental	VRW-6002B †
VRW-8002BX		VRW-5005B	6	P	14	3	GGE		Continental	VRW-6002BX †
VRW-8002BXT		VRW-5005BX	6	P	14	3	GGE		Continental	VRW-6002BXT †

† Consists of this regulator with shielding parts

‡ Consists of this regulator with resilient mounting parts

Regulator	Replaced By	Replaces	Volts	Pol.	Amps.	Mtg. Holes	Generators Used With	Years Used	Usage	Remarks
VRW-8002C VRW-8002DXT VRX-4001A		VRW-5005DXT VRO-4001A	6 6 12	P P P	17 17 30	3 3 4	GDZ GDZ GDM	1940-53	Continental Continental Autocar, Biederman, Buda, Climax, Duplex, Federal, Harnischfeger. and others	VRW-6002C † VRW-6002DXT †
VRX-4001B VRX-4001BX VRX-4002A	VRX-4001BX	VRX-4001B	12 12 12	P P N	30 30 30	4 4 4	GDM, GGA GDM, GGA GDM	1944-46 1940-44;52	Autocar Autocar Carrier Corp., Climax, Harnischfeger, Marmon - Herrington, Onan	
VRX-4002B VRX-4003A			12 12	N P	26 35	4 3	GEH GDM, GGA	1945 1948-53	Hall-Scott Autocar, Duplex, Hercules, Maxim, Oshkosh	
VRX-4003AX			12	P	35	3	GDM, GGA	1949	Autocar, Duplex, Hercules, Maxim, Oshkosh	
VRX-4003B VRX-4003BX	VRX-4003BX	VRX-4003B	12 12	P P	26 26	3 3	GEH GEH	1945-46	Autocar, Continental, Ward LaFrance Autocar, Continental, Ward LaFrance	
VRX-4003C VRX-4003CX VRX-4003D	VRX-4003CX	VRX-4003C	12 12	P P	30 26	3 3	GGA GEH	1945-49 1949 1945-54	Autocar, Crown Body Autocar Buda, Continental, Hall-Scott, Harnischfeger, Hercules	
VRX-4003DT VRX-4004A	VRX-6002BT VAT-4004AX		12 12	P P	26 30	3 4	GEH GGA	1951-52 1946	Harnischfeger, Hercules Autocar	
VRX-4005A VRX-4005AX VRX-4006A VRX-4401A VRX-5003CX	VAT-4004AX VAT-4004AX		12 12 12 12 12	P P P N P	30 30 20 35 30	3 3 3 3 3	GGA GGA GGO GGS GGA	1948 1950 1946 1949	Autocar Autocar Autocar Franklin Engine Autocar	VRX-4003CX †
VRX-6001A VRX-6002AT VRX-6002BT VRX-6003A VRX-6004A	VRX-4003DT		12 12 12 12 12	P P P P N	23-35 35 26 25-38 26	3 3 3 3 3	GHC GGA GEH GHM GEH	1950-51 1951-52 1954 1952-53 1952	Chrysler Corp. Duplex, Hercules Harnischfeger, Hercules Chrysler Corp. Onan	
VRX-6004AT VRY-4101A VRY-4201A	VRY-4202A		12 6 6	N P P	26 25 25	3 4 4	GEH GEB GEW	1953 1940-45;50	Hercules Autocar, Chrysler Corp, Diamond T, Federal, Ford, Studebaker Truck	Military Not Used Military
VRY-4201B VRY-4201C			6 6	P P	32 25	4 4	GEB GEW	1941 1944-52	Diamond T Autocar, Biederman, Diamond T, Federal, Kenworth, Oshkosh, Studebaker, White	Military Military
VRY-4201D VRY-4202A VRY-4203A	Discontinued		6	P	32	4	GEB			Not Used
VRY-4203B		VRY-4101A	6 6	P N	25 40	4 4	GEB, GEW GEG	1941-42 1941-46	Chrysler Corp. Ford, F. W. D., Reo, Studebaker, Willys	Military Military
VRY-4203C VRY-4203D VRY-4203E VRY-4203F VRY-4203G	VRY-4203F VRY-4203G	VRX-4203C VRY-4203E	6 6 6 6 6	N N N N N	40 40 40 40 40	4 4 4 4 4	GEG GEG GEG GEG GEG	1944 1944 1944 1944-45 1944-46	Chrysler Corp. Reo, Studebaker Ford, Willys Chrysler Corp. Ford, General Electric, Reo, Studebaker, Willys	Military Military Military Military Military
VRY-4204A VRY-4301AU VRY-4302AU VRZ-4101A	Discontinued		6 6 6 12	N N N P	40 40 40 15	4 4 4 4	Ford GEG GEG GEX	1945 1949-50	Ford Willys Continental, Willys Ward LaFrance	Military Military Military Military

† Consists of this regulator with resilient mounting parts

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT-VOLTAGE REGULATORS  
 Type "VRG"  
 -4101A to -4103A

No. Used	Name of Part	VRG-4101A	VRG-4102A	VRG-4103A		
		1	2	3	4	5
1	Carbon Resistance (Marked .65)	TC-51H	TC-51H	TC-51H		
1	Carbon Resistance (Marked 15)	TC-51J	TC-51J	TC-51J		
1	Carbon Resistance (Marked 135)	TC-51K	TC-51K	TC-51K		
1	C.B. Coil Assembly	VRA-3035	VRA-3035	VRA-3035		
2	Insulating Washer	GAA-35	GAA-35	GAA-35		
1	Adjusting Nut	VRA-15	VRA-15	VRA-15		
1	Adjusting Screw	VRA-16	VRA-16	VRA-16		
1	Armature Spring	VRA-17	VRA-17	VRA-17		
1	Insulation	VRA-76	VRA-76	VRA-76		
1	C.B. Armature	VRA-1043	VRA-1043	VRA-1043		
1	Stationary Contact Support	VRA-1073	VRA-1073	VRA-1073		
6	#8 Lock Washer	X-195	X-195	X-195		
4	#8 Plain Washer	8X-350	8X-350	8X-350		
2	#8-32x7/16 Fill. Hd. Screw	8X-878	8X-878	8X-878		
4	#8-32x5/16 Fill. Hd. Screw	8X-888	8X-888	8X-888		
2	Insulating Washer	X-146F	X-1465	X-1465		
1	Cover	VRA-2	VRA-2	VRA-2		
1	C.R. Coil Assembly	VRG-3070	VRG-3070	VRG-3070B		
1	Adjusting Nut	VRA-15	VRA-15	VRA-15		
1	Adjusting Screw	VRA-16	VRA-16	VRA-16		
1	Armature Spring	VRA-84	VRA-84	VRA-84		
1	Adjusting Bracket	VRA-1060	VRA-1060	VRA-1060		
1	Regulator Armature	VRA-1061	VRA-1061	VRA-1061A		
2	#8 Plain Washer	8X-182	8X-182	8X-182		
6	#8 Lock Washer	X-195	X-195	X-195		
2	#8 Plain Washer	8X-350	8X-350	8X-350		
2	#8-32x7/16 Fill. Hd. Screw	8X-878	8X-878	8X-878		
4	#8-32x5/16 Fill. Hd. Screw	8X-888	8X-888	8X-888		
1	Gasket	VRA-50	VRA-50	VRA-50		
1	Gasket	VRA-51	VRA-51	VRA-51		
1	Insulating Tube (2 1/2" Long)	VRA-77	VRA-77	VRA-77		
1	Insulation	VRA-52	VRA-52	VRA-52		
1	Lead Wire	VRA-78	VRA-78	VRA-78		
1	Seal	GAG-138	GAG-138	GAG-138		
1	Terminal Connector	VRA-46	VRA-46	VRA-46		
1	V.R. Coil Assembly	VRA-3071	VRA-3071	VRA-3071A		
1	Adjusting Nut	VRA-15	VRA-15	VRA-15		
1	Adjusting Screw	VRA-16	VRA-16	VRA-16		
1	Armature Spring	VRA-84	VRA-84	VRA-84		
1	Adjusting Bracket	VRA-1060	VRA-1060	VRA-1060		
1	Regulator Armature	VRA-1080	VRA-1080	VRA-1080A		
2	#8 Plain Washer	8X-182	8X-182	8X-182		
6	#8 Lock Washer	X-195	X-195	X-195		
2	#8 Plain Washer	8X-350	8X-350	8X-350		
2	#8-32x7/16 Fill. Hd. Screw	8X-878	8X-878	8X-878		
4	#8-32x5/16 Fill. Hd. Screw	8X-888	8X-888	8X-888		
6	#8 Lock Washer	X-195	X-195	X-195		
12	#10 Lock Washer	X-196	X-196	X-196		
5	1/4 Lock Washer	12X-199	X-199	X-199		
3	5/16 Lock Washer	12X-1014	X-1014	X-1014		
6	#8 Plain Washer	8X-182	8X-182	8X-182		
6	#10 Plain Washer	8X-183A	8X-183A	8X-183A		
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173		
2	1/4-20 Hex. Nut	8X-163	8X-163	8X-163		
3	1/4-28 Hex. Nut	8X-1055	8X-1055	8X-1055		
3	5/16-24x1/2 Fill. Hd. Screw	8X-137	8X-137	8X-137		
6	#8-32x3/8 Rd. Hd. Screw	8X-55	8X-55	8X-55		
7	#10-32x1/2 Rd. Hd. Screw	8X-309	8X-309	8X-309		
2	#10-32x5/16 Rd. Hd. Screw	8X-321	8X-321	8X-321		
2	#10-32x3/8 Rd. Hd. Screw	8X-311	8X-311	8X-311		
	1 2 3 4 5					

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Equipment & Parts Lists Binder



# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT VOLTAGE REGULATORS  
 Type "VRH"  
 -4101A to -4104A-1

No. Used	Name of Part	VRH-4101A	VRH-4102A	VRH-4103A	VRH-4103A-1	VRH-4104A-1
		1 2 3 4 5				
1	Carbon Resistance (Marked 1)	TC-51A	TC-51A	TC-51A	TC-51A	TC-51A
1	Carbon Resistance (Marked 15)	TC-51J	TC-51J	TC-51J	TC-51J	TC-51J
1	Carbon Resistance (Marked 30)	TC-51L	TC-51L	TC-51L	TC-51L	TC-51L
1	Carbon Resistance (Marked 80)	TC-51N	TC-51N	TC-51N	TC-51N	TC-51N
1	C.B. Coil Assembly	VRH-3035	VRH-3035	VRH-3035	VRH-3035	VRH-3035
2	Insulating Washer	GAA-35	GAA-35	GAA-35	GAA-35	GAA-35
1	Adjusting Nut	VRA-15	VRA-15	VRA-15	VRA-15	VRA-15
1	Adjusting Screw	VRA-16	VRA-16	VRA-16	VRA-16	VRA-16
1	Armature Spring	VRA-17	VRA-17	VRA-17	VRA-17	VRA-17
1	Stationary Contact Support	VRA-1073	VRA-1073	VRA-1073	VRA-1073	VRA-1073
1	Insulation	VRH-23	VRH-23	VRH-23	VRH-23	VRH-23
1	C.B. Armature	VRH-1043	VRH-1043	VRH-1043	VRH-1043	VRH-1043
6	#8 Lock Washer	X-195	X-195	X-195	X-195	X-195
4	#8 Plain Washer	8X-350	8X-350	8X-350	8X-350	8X-350
2	#8-32x7/16 Fill. Hd. Screw	8X-878	8X-878	8X-878	8X-878	8X-878
3	#8-32x5/16 Fill. Hd. Screw	8X-888	8X-888	8X-888	8X-888	8X-888
1	#8-32x3/8 Fill. Hd. Screw	8X-1349	8X-1349	8X-1349	8X-1349	8X-1349
2	Insulating Washer	X-1465	X-1465	X-1465	X-1465	X-1465
1	Condenser				IGW-3138	IGW-3138
1	Cover	VRA-2	VRA-2	VRA-2	VRA-2	VRA-2
1	C.R. Coil Assembly	VRH-3008	VRH-3008A	VRH-3008	VRH-3008	VRH-3008A
1	Adjusting Nut	VRA-15	VRA-15	VRA-15	VRA-15	VRA-15
1	Adjusting Screw	VRA-16	VRA-16	VRA-16	VRA-16	VRA-16
1	Armature Spring	VRA-17	VRA-17	VRA-17	VRA-17	VRA-17
1	Adjusting Bracket	VRA-1060	VRA-1060	VRA-1060	VRA-1060	VRA-1060
1	Regulator Armature	VRH-1061	VRH-1061A	VRH-1061	VRH-1061	VRH-1061A
2	#8 Plain Washer	8X-182	8X-182	8X-182	8X-182	8X-182
6	#8 Lock Washer	X-195	X-195	X-195	X-195	X-195
2	#8-32x7/16 Fill. Hd. Screw	8X-878	8X-878	8X-878	8X-878	8X-878
3	#8-32x5/16 Fill. Hd. Screw	8X-888	8X-888	8X-888	8X-888	8X-888
1	#8-32x3/8 Fill. Hd. Screw	8X-1349	8X-1349	8X-1349	8X-1349	8X-1349
1	Gasket	VRA-50	VRA-50	VRA-50	VRA-50	VRA-50
1	Gasket	VRA-51	VRA-51	VRA-51	VRA-51	VRA-51
1	Insulating Tube 2 1/2"	VRA-77	VRA-77	VRA-77	VRA-77	VRA-77
1	Insulation	VRA-52	VRA-52	VRA-52	VRA-52	VRA-52
1	Lead	VRH-26	VRH-26	VRH-26	VRH-26	VRH-26
1	Lead Wire	VRA-78	VRA-78	VRA-78	VRA-78	VRA-78
1	Resistor Bracket	VRH-19	VRH-19	VRH-19	VRH-19	VRH-19
1	Seal	GAG-138	GAG-138	GAG-138	GAG-138	GAG-138
1	Terminal Connector	VRA-46	VRA-46	VRA-46	VRA-46	VRA-46
1	V.R. Coil Assembly	VRH-3071	VRH-3071A	VRH-3071	VRH-3071	VRH-3071A
1	Adjusting Nut	VRA-15	VRA-15	VRA-15	VRA-15	VRA-15
1	Adjusting Screw	VRA-16	VRA-16	VRA-16	VRA-16	VRA-16
1	Armature Spring	VRA-84	VRA-84	VRA-84	VRA-84	VRA-84
1	Adjusting Bracket	VRA-1060	VRA-1060	VRA-1060	VRA-1060	VRA-1060
1	Regulator Armature	VRH-1080	VRH-1080A	VRH-1080	VRH-1080	VRH-1080A
2	#8 Plain Washer	8X-182	8X-182	8X-182	8X-182	8X-182
6	#8 Lock Washer	X-195	X-195	X-195	X-195	X-195
2	#8 Plain Washer	8X-350	8X-350	8X-350	8X-350	8X-350
2	#8-32x7/16 Fill. Hd. Screw	8X-878	8X-878	8X-878	8X-878	8X-878
4	#8-32x5/16 Fill. Hd. Screw	8X-888	8X-888	8X-888	8X-888	8X-888
8	#8 Lock Washer	X-195	X-195	X-195	X-195	X-195
12	#10 Lock Washer	X-196	X-196	X-196	X-196	X-196
5	1/4 Lock Washer	X-199	X-199	X-199	X-199	X-199
3	5/16 Lock Washer	X-1014	X-1014	X-1014	X-1014	X-1014
8	#8 Plain Washer	8X-182	8X-182	8X-182	8X-182	8X-182
6	#10 Plain Washer	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	#10-32 Hex. Nut	8X-173	8X-173	8X-173	8X-173	8X-173
2	1/4-20 Hex. Nut	8X-163	8X-163	8X-163	8X-163	8X-163
3	1/4-28 Hex. Nut	8X-1055	8X-1055	8X-1055	8X-1055	8X-1055
3	5/16-24x1/2 Fill. Hd. Screw	8X-137	8X-137	8X-137	8X-137	8X-137
8	#8-32x3/8 Rd. Hd. Screw	8X-55	8X-55	8X-55	8X-55	8X-55
7	#10-32x1/2 Rd. Hd. Screw	8X-309	8X-309	8X-309	8X-309	8X-309
3	#10-32x5/16 Rd. Hd. Screw	8X-321	8X-321	8X-321	8X-321	8X-321
2	#10-32x3/8 Rd. Hd. Screw	8X-311	8X-311	8X-311	8X-311	8X-311

(Issued 10-7-40)



# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT VOLTAGE REGULATORS  
TYPE "VRP"  
-4001A to -4001E

		VRP-4001A	VRP-4001B	VRP-4001C	VRP-4001D	VRP-4001E
No.	Name of Part					
Used	1 2 3 4 5					
1	Carbon Resistance - CR	TC-51U	TC-51J	TC-51U	TC-51R	TC-51R
1	Carbon Resistance - VR	TC-51X	TC-51M	TC-51L	TC-51M	TC-51M
1	C.B. Coil Assembly	CBG-3018S	CBG-3018S	CBG-3018S	CBG-3018S	CBG-3018S
1	Armature Spring - 13 Turns	VRP-35	VRP-35	VRP-35	VRP-35	VRP-35
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	C.B. Stationary Contact	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
2	C.B. Stat. Contact Sc. #8-32x1/4	X-702	X-702	X-702	X-702	X-702
1	Cover	VRP-1002	VRP-1002	VRP-1002	VRP-1002	VRP-1002
1	Cover Gasket	VRP-50	VRP-50	VRP-50	VRP-50	VRP-50
2	Cover Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
2	Cover Screw - #10-32x1/4	8X-312	8X-312	8X-312	8X-312	8X-312
1	C.R. Coil Assembly	VRP-3060S	VRP-3060S	VRP-3060S	VRP-3060S	VRP-3060S
1	Armature Spring - 13 Turns	VRP-35	VRP-35	VRP-35	VRP-35	VRP-35
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
3	Eyelet	VRB-36	VRB-36	VRB-36	VRB-36	VRB-36
3	Grommet - Rubber	VRB-37	VRB-37	VRB-37	VRB-37	VRB-37
1	Ground Terminal	VRP-58	VRP-58	VRP-58	VRP-58	VRP-58
1	Ground Terminal Rivet	X-1268	X-1268	X-1268	X-1268	X-1268
1	Insulating Tube	TC-115D	TC-115D	TC-115D	TC-115D	TC-115D
1	Jumper	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
1	Lead Seal	X-1316	X-1316	X-1316	X-1316	X-1316
2	Resistor Bracket	VRP-36	VRP-36	VRP-36	VRP-36	VRP-36
4	Resistor Lock Washer - #8	X-1275	X-1275	X-1275	X-1275	X-1275
4	Resistor Plain Washer - #8	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4	Resistor Screw - #8-32x7/16	8X-1496	8X-1496	8X-1496	8X-1496	8X-1496
1	Series Coil Connector	VRS-4	VRS-4	VRS-4	VRS-4	VRS-4
1	V.R. Coil Assembly	VRP-3008S	VRP-3008S	VRP-3008S	VRP-3008S	VRP-3008S
1	Armature Spring - 14 Turns	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
	1 2 3 4 5					

(Issued 10-3-40)

TC-51J - Marked 15  
TC-51L - Marked 30  
TC-51M - Marked 60  
TC-51R - Marked 11  
TC-51U - Marked 7  
TC-51X - Marked 38

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT VOLTAGE REGULATORS  
 TYPE "VRP"  
 -4001F to -4002D

VRP-4001F

VRP-4002A

VRP-4002B

VRP-4002C

VRP-4002D

No. Used	Name of Part					VRP-4001F	VRP-4002A	VRP-4002B	VRP-4002C	VRP-4002D
	1	2	3	4	5					
1						TC-51J	TC-51U	TC-51U	TC-51U	TC-51J
1						TC-51M	TC-51X	TC-51L	TC-51X	TC-51M
1						CBG-3018S	CBG-3018S	CBG-3018S	CBG-3018S	CBG-3018S
1						VRP-35	VRP-35	VRP-35	VRP-35	VRP-35
1						8X-173	8X-173	8X-173	8X-173	8X-173
1						IGB-55	IGB-55	IGB-55	IGB-55	IGB-55
1						12X-196	12X-196	12X-196	12X-196	12X-196
1						8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1						VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
2						X-702	X-702	X-702	X-702	X-702
1						VRP-1002	VRP-1002A	VRP-1002A	VRP-1002E	VRP-1002A
1						VRP-50	VRP-50	VRP-50	VRP-50	VRP-50
2						12X-196	12X-196	12X-196	12X-196	12X-196
2						8X-312	8X-312	8X-312	8X-312	8X-312
1						VRP-3060S	VRP-3060S	VRP-3060S	VRP-3060S	VRP-3060S
1						VRP-35	VRP-35	VRP-35	VRP-35	VRP-35
1						8X-173	8X-173	8X-173	8X-173	8X-173
1						IGB-55	IGB-55	IGB-55	IGB-55	IGB-55
1						12X-196	12X-196	12X-196	12X-196	12X-196
3						VRB-36	VRB-36	VRB-36	VRB-36	VRB-36
3						VRB-37	VRB-37	VRB-37	VRB-37	VRB-37
1						VRP-58	VRP-58	VRP-58	VRP-58	VRP-58
1						X-1268	X-1268	X-1268	X-1268	X-1268
1						TC-115D	TC-115D	TC-115D	TC-115D	TC-115D
1						VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
1						X-1316	X-1316	X-1316	X-1316	X-1316
2						VRP-36	VRP-36	VRP-36	VRP-36	VRP-36
4						X-1275	X-1275	X-1275	X-1275	X-1275
4						8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4						8X-1496	8X-1496	8X-1496	8X-1496	8X-1496
1						VRS-4	VRS-4	VRS-4	VRS-4	VRS-4
4							X-196	X-196	X-196	X-196
4							VRB-50	VRB-50	VRB-50	VRB-50
4							8X-321	8X-321	8X-321	8X-321
1						VRP-3008S	VRP-3008S	VRP-3008S	VRP-3008S	VRP-3008S
1						VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
1						8X-173	8X-173	8X-173	8X-173	8X-173
1						12X-196	12X-196	12X-196	12X-196	12X-196
1						8X-183A	8X-183A	8X-183A	8X-183A	8X-183A

1 2 3 4 5

TC-51J - Marked 15  
 TC-51L - Marked 30  
 TC-51M - Marked 60  
 TC-51U - Marked 7  
 TC-51X - Marked 38

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT VOLTAGE REGULATORS  
TYPE " VRP"  
-4003A to -4004C

No. Used	Name of Part	VRP-4003A	VRP-4003B	VRP-4004A	VRP-4004B	VRP-4004C
		1	2	3	4	5
1	Carbon Resistance - CR	TC-51U	TC-51U	TC-51U	TC-51R	TC-51J
1	Carbon Resistance - VR	TC-51X	TC-51X	TC-51X	TC-51M	TC-51M
1	C.B. Coil Assembly	CBG-3018AS	CBG-3018AS	CBG-3018S	CBG-3018S	CBG-3018S
1	Armature Spring - 13 Turns	VRP-35	VRP-35	VRP-35	VRP-35	VRP-35
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	C.B. Stationary Contact	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
2	C.B. Stat. Contact Sc. #8-32x1/4	X-702	X-702	X-702	X-702	X-702
1	Cover	VRP-1002A	VRP-1002A	VRP-1002A	VRP-1002A	VRP-1002A
1	Cover Gasket	VRP-50	VRP-50	VRP-50	VRP-50	VRP-50
2	Cover Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
2	Cover Screw - #10-32x1/4	8X-312	8X-312	8X-312	8X-312	8X-312
1	C.R. Coil Assembly	VRP-3060S	VRP-3060S	VRP-3060S	VRP-3060S	VRP-3060S
1	Armature Spring - 13 Turns	VRP-35	VRP-35	VRP-35	VRP-35	VRP-35
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
3	Eyelet	VRB-36	VRB-36	VRB-36	VRB-36	VRB-36
3	Grommet - Rubber	VRB-37	VRB-37	VRB-37	VRB-37	VRB-37
1	Ground Terminal	VRP-58	VRP-58	VRP-58	VRP-58	VRP-58
1	Ground Terminal Rivet	X-1268	X-1268	X-1268	X-1268	X-1268
1	Insulating Tube	TC-115F	TC-115F	TC-115D	TC-115D	TC-115D
1	Jumper	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
1	Lead Seal	X-1316	X-1316	X-1316	X-1316	X-1316
2	Resistor Bracket	VRP-36	VRP-36	VRP-36	VRP-36	VRP-36
4	Resistor Lock Washer - #8	X-1275	X-1275	X-1275	X-1275	X-1275
4	Resistor Plain Washer - #8	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4	Resistor Screw - #8-32x7/16	8X-1496	8X-1496	8X-1496	8X-1496	8X-1496
1	Series Coil Connector	VRS-4	VRS-4	VRS-4	VRS-4	VRS-4
4	Terminal Lock Washer - #10	X-196	X-196	X-196	X-196	X-196
4	Terminal Plate	VRB-50	VRB-50			
4	Terminal Screw - #10-32	8X-321	8X-321	8X-312	8X-312	8X-312
1	V.R. Coil Assembly	VRP-3008S	VRP-3008S	VRP-3008S	VRP-3008S	VRP-3008S
1	Armature Spring - 14 Turns	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A

(Issued 10-3-40)

TC-51J - Marked 15  
TC-51M - Marked 30  
TC-51R - Marked 11  
TC-51U - Marked 7  
TC-51X - Marked 38

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT VOLTAGE REGULATORS  
TYPE "VRP"  
-4004D to -4004H

VRP-4004D

VRP-4004E

VRP-4004F

VRP-4004G

VRP-4004H

No. Used	Name of Part	VRP-4004D	VRP-4004E	VRP-4004F	VRP-4004G	VRP-4004H
1	Carbon Resistance - CR	TC-51U	TC-51J	TC-51U	TC-51U	TC-51U
1	Carbon Resistance - VR	TC-51L	TC-51M	TC-51X	TC-51X	TC-51X
1	C.B. Coil Assembly	CBG-3018S	CBG-3018S	CBG-3018S	CBG-3018S	CBG-3018S
1	Armature Spring - 13 Turns	VRP-35	VRP-35	VRP-35	VRP-35	VRP-35
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	C.B. Stationary Contact	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
2	C.B. Stat. Contact Sc. #8-32x1/4	X-702	X-702	X-702	X-702	X-702
1	Cover	VRP-1002A	VRP-1002A	VRP-1002A	VRP-1002A	VRP-1002A
1	Cover Gasket	VRP-50	VRP-50	VRP-50	VRP-50	VRP-50
2	Cover Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
2	Cover Screw - #10-32x1/4	8X-312	8X-312	8X-312	8X-312	8X-312
1	C.R. Coil Assembly	VRP-3060S	VRP-3060S	VRP-3060S	VRP-3060S	VRP-3060S
1	Armature Spring - 13 Turns	VRP-35	VRP-35	VRP-35	VRP-35	VRP-35
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
3	Eyelet	VRB-36	VRB-36	VRB-36	VRB-36	VRB-36
3	Grommet - Rubber	VRB-37	VRB-37	VRB-37	VRB-37	VRB-37
1	Ground Terminal	VRP-58	VRP-58	VRP-58	VRP-58	VRP-58
1	Ground Terminal Rivet	X-1268	X-1268	X-1268	X-1268	X-1268
1	Insulating Tube	TC-115D	TC-115D	TC-115D	TC-115D	TC-115D
1	Jumper	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
1	Lead Seal	X-1316	X-1316	X-1316	X-1316	X-1316
2	Resistor Bracket	VRP-36	VRP-36	VRP-36	VRP-36	VRP-36
4	Resistor Lock Washer - #8	X-1275	X-1275	X-1275	X-1275	X-1275
4	Resistor Plain Washer - #8	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4	Resistor Screw - #8-32x7/16	8X-1496	8X-1496	8X-1496	8X-1496	8X-1496
1	Series Coil Connector	VRS-4	VRS-4	VRS-4	VRS-4	VRS-4
4	Terminal Lock Washer - #10	X-196	X-196	X-196	X-196	X-196
4	Terminal Screw - #10-32	8X-312	8X-312	8X-312	8X-312	8X-312
1	V.R. Coil Assembly	VRP-3008S	VRP-3008S	VRP-3008S	VRP-3008S	VRP-3008S
1	Armature Spring - 14 Turns	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A

TC-51J - Marked 15  
 TC-51L - Marked 30  
 TC-51M - Marked 60  
 TC-51U - Marked 7  
 TC-51X - Marked 38

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VRP-4004F-1	VRP-4004F-2	VRP-4004FX	VRP-4004G	VRP-4004K
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-28	VRP-28	VRP-28	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-107 (7)				
Resistor - Marked ( )	1	VRP-108 (38)	VRP-108 (38)	VRP-108 (38)	VRP-108 (38)	VRP-108C (15)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VRP-4004P	VRP-4006E	VRP-4006F	VRP-4006H	VRP-4006J
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-28	VRP-28	VRP-28	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-107 (7)	VRP-107A (15)	VRP-107A (15)	VRP-107 (7)	VRP-107 (7)
Resistor - Marked ( )	1	VRP-108 (38)	VRP-108A (60)	VRP-108A (60)	VRP-108 (38)	VRP-108 (38)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT VOLTAGE REGULATORS  
TYPE "VRP"  
-4005A to -4005E

		VRP-4005A	VRP-4005B	VRP-4005C	VRP-4005D	VRP-4005E
No.	Name of Part					
Used	1 2 3 4 5					
1	Carbon Resistance - CR	TC-51U	TC-51J	TC-51R	TC-51U	TC-51J
1	Carbon Resistance - VR	TC-51X	TC-51M	TC-51M	TC-51L	TC-51M
1	C.B. Coil Assembly	CBG-3018S	CBG-3018S	CBG-3018S	CBG-3018S	CBG-3018S
1	Armature Spring - 13 Turns	VRP-35	VRP-35	VRP-35	VRP-35	VRP-35
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	C.B. Stationary Contact	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
2	C.B. Stat. Contact Sc. #8-32x1/4	X-702	X-702	X-702	X-702	X-702
1	Cover	VRP-1002B	VRP-1002B	VRP-1002B	VRP-1002B	VRP-1002B
1	Cover Gasket	VRP-50	VRP-50	VRP-50	VRP-50	VRP-50
2	Cover Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
2	Cover Screw - #10-32x1/4	8X-312	8X-312	8X-312	8X-312	8X-312
1	C.R. Coil Assembly	VRP-3060BS	VRP-3060BS	VRP-3060BS	VRP-3060BS	VRP-3060BS
1	Armature Spring - 13 Turns	VRP-35	VRP-35	VRP-35	VRP-35	VRP-35
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
4	Eyelet	VRB-36	VRB-36	VRB-36	VRB-36	VRB-36
4	Grommet - Rubber	VRB-37	VRB-37	VRB-37	VRB-37	VRB-37
1	Ground Terminal	VRP-58	VRP-58	VRP-58	VRP-58	VRP-58
1	Ground Terminal Rivet	X-1268	X-1268	X-1268	X-1268	X-1268
1	Insulating Tube	TC-115D	TC-115D	TC-115D	TC-115D	TC-115D
1	Jumper	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
1	Lead Seal	X-1316	X-1316	X-1316	X-1316	X-1316
2	Resistor Bracket	VRP-36	VRP-36	VRP-36	VRP-36	VRP-36
4	Resistor Lock Washer - #8	X-1275	X-1275	X-1275	X-1275	X-1275
4	Resistor Plain Washer - #8	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4	Resistor Screw - #8-32x7/16	8X-1496	8X-1496	8X-1496	8X-1496	8X-1496
1	Series Coil Connector	VRS-4	VRS-4	VRS-4	VRS-4	VRS-4
1	V.R. Coil Assembly	VRP-3008AS	VRP-3008AS	VRP-3008AS	VRP-3008AS	VRP-3008AS
1	Armature Spring - 14 Turns	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	2 3 4 5					

(Issued 10-3-40)

TC-51J - Marked 15  
TC-51L - Marked 30  
TC-51M - Marked 60  
TC-51R - Marked 11  
TC-51U - Marked 7  
TC-51X - Marked 38

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT VOLTAGE REGULATORS  
 TYPE "VRP"  
 -4006A to -4006D

VRP-4006A                  VRP-4006AP                  VRP-4006B                  VRP-4006C                  VRP-4006D

No. Used	Name of Part					VRP-4006A	VRP-4006AP	VRP-4006B	VRP-4006C	VRP-4006D
	1	2	3	4	5					
1	Carbon Resistance - CR					TC-51R	TC-51R	TC-51R	TC-51U	TC-51R
1	Carbon Resistance - VR					TC-51M	TC-51M	TC-51M	TC-51L	TC-51M
1	C.B. Coil Assembly					CBG-3018S	CBG-3018S	CBG-3018S	CBG-3018S	CBG-3018S
1	Armature Spring - 13 Turns					VRP-35	VRP-35	VRP-35	VRP-35	VRP-35
1	Hex. Nut - #10-32					8X-173	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer					IGB-55	IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10					12X-196	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10					8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	C.B. Stationary Contact					VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
2	C.B. Stat. Contact Sc. #8-32x1/4					X-702	X-702	X-702	X-702	X-702
1	Cover					VRP-1002A	VRP-1002C	VRP-1002A	VRP-1002A	VRP-1002A
1	Cover Gasket					VRP-50	VRP-50	VRP-50	VRP-50	VRP-50
2	Cover Lock Washer - #10					12X-196	12X-196	12X-196	12X-196	12X-196
2	Cover Screw - #10-32x1/4					8X-312	8X-312	8X-312	8X-312	8X-312
1	C.R. Coil Assembly					VRP-3060S	VRP-3060S	VRP-3060S	VRP-3060S	VRP-3060S
1	Armature Spring - 13 Turns					VRP-35	VRP-35	VRP-35	VRP-35	VRP-35
1	Hex. Nut - #10-32					8X-173	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer					IGB-55	IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10					12X-196	12X-196	12X-196	12X-196	12X-196
4	Eyelet					IG-97	IG-97	IG-97	IG-97	IG-97
4	Grommet - Rubber					EC-41	EC-41	EC-41	EC-41	EC-41
1	Ground Terminal					VRB-53	VRB-53	VRB-53	VRB-53	VRB-53
1	Ground Terminal Rivet					X-1268	X-1268	X-1268	X-1268	X-1268
1	Insulating Tube					TC-115D	TC-115D	TC-115D	TC-115D	TC-115D
1	Jumper					VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
1	Lead Seal					X-1316	X-1316	X-1316	X-1316	X-1316
2	Resistor Bracket					VRP-36	VRP-36	VRP-36	VRP-36	VRP-36
4	Resistor Lock Washer - #8					X-1275	X-1275	X-1275	X-1275	X-1275
4	Resistor Plain Washer - #8					8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4	Resistor Screw - #8-32x7/16					8X-1496	8X-1496	8X-1496	8X-1496	8X-1496
1	Series Coil Connector					VRS-4	VRS-4	VRS-4	VRS-4	VRS-4
4	Terminal Lock Washer - #10					X-196	X-196	X-196	X-196	X-196
4	Terminal Screw - #10-32					8X-312	8X-312	8X-312	8X-312	8X-312
1	V.R. Coil Assembly					VRP-3008S	VRP-3008S	VRP-3008S	VRP-3008S	VRP-3008S
1	Armature Spring - 14 Turns					VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
1	Hex. Nut - #10-32					8X-173	8X-173	8X-173	8X-173	8X-173
1	Lock Washer - #10					12X-196	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10					8X-183A	8X-183A	8X-183A	8X-183A	8X-183A

TC-51L - Marked 30  
 TC-51M - Marked 60  
 TC-51R - Marked 11  
 TC-51U - Marked 7

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VRP-4007C-2	VRP-4009C	VRP-4105A	VRP-4105AM	VRP-4302AM
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011E	VRV-2011E	VRV-2011D	VRV-2011D	VRV-2011D
Armature, V. R.	1	VRV-2011E	VRV-2011E	VRV-2011D	VRV-2011D	VRV-2011D
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28B	VRP-28B	VRP-28	VRP-68	VRP-68
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-2955	X-2955
Lockwasher, Term. & Cover Screw #10	6	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-107 (7)	VRP-107A (15)	TC-51L (30)	TC-51L(30)	TC-51J (15)
Resistor - Marked ( )	1	VRP-108 (38)	VRP-108A (60)	TC-51M (60)	TC-51M (60)	TC-51X (38)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	X-19	X-19
Screw, Resistor, Bdg. Hd. #8-32x3/8	4			8X-2957	8X-2973	8X-2973
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	4	8X-312	8X-312	8X-312	X-19	X-19
Seal Strip	1				VRP-79	VRP-79
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022AS	VBA-1022AS	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Resistor Screw, Plain #8	4			8X-2971	8X-2972	8X-2972
Washer, Resistor Screw, Skpf. #8	4			X-1276	X-1276	X-1276
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VRP-4302BM	VRP-4303DM	VRP-4304AM	VRP-4401C	VRP-4402A
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011D	VRV-2011E	VRV-2011D	VRV-2011D
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011E	VRV-2011D	VRV-2011D
Clip, Terminal	3					VRB-50
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-68	VRP-68	VRP-68D	VRP-28	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-2955	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	6	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	TC-51J (15)	VRP-107A (15)	VRP-107A (15)	VRP-107D (11)	VRP-107 (7)
Resistor - Marked ( )	1	TC-51X (38)	VRP-108 (38)	VRP-108 (38)	VRP-108 (38)	VRP-108 (38)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	X-19	X-19	X-19	8X-312	8X-312
Screw, Resistor, Bdg. Hd. #8-32x3/8	4	8X-2973				
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32	4	X-19	X-19	X-19	8X-312	8X-321
Seal Strip	1	VRP-79				
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022AS	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Resistor Screw, Plain #8	4	8X-2972				
Washer, Resistor Screw, Skpf. #8	4	X-1276				
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT-VOLTAGE REGULATORS  
TYPE "VRP"  
-4105A to -4202A-1

VRP-4105A

VRP-4201A-1

VRP-4202A-1

No. Used	Name of Part							
	1	2	3	4	5			
1					Carbon Resistance - CR	TC-51L	TC-51U	TC-51U
1					Carbon Resistance - VR	TC-51M	TC-51X	TC-51X
1					C.B. Coil Assembly	CBG-3018S	CBG-3018S	CBG-3018AS
1					Armature Spring - 13 Turns	VRP-35	VRP-35	VRP-35
1					Hex. Nut - #10-32	8X-173	8X-173	8X-173
1					Insulating Washer	IGB-55	IGB-55	IGB-55
1					Lock Washer - #10	12X-196	12X-196	12X-196
1					Plain Washer - #10	8X-183A	8X-183A	8X-183A
1					C.B. Stationary Contact	VRP-1034	VRP-1034	VRP-1034
2					C.B. Stat. Contact Sc. #8-32x1/4	X-702	X-702	X-702
1					Cover	VRP-1002A	VRP-1002A	VRP-1002A
1					Cover Gasket	VRP-50	VRP-50	VRP-50
2					Cover Lock Washer - #10	12X-196	12X-196	12X-196
2					Cover Screw - #10-32x1/4	8X-312	8X-312	8X-312
1					C.R. Coil Assembly	VRP-3060CS	VRP-3060S	VRP-3060S
1					Armature Spring	CB-123	VRP-35	VRP-35
1					Hex. Nut - #10-32	8X-173	8X-173	8X-173
1					Insulating Washer	IGB-55	IGB-55	IGB-55
1					Lock Washer - #10	12X-196	12X-196	12X-196
4					Eyelet	VRB-36	VRB-36	VRB-36
4					Grommet - Rubber	VRB-37	VRB-37	VRB-37
1					Ground Terminal	VRP-58	VRP-58	VRP-58
1					Ground Terminal Rivet	X-1268	X-1268	X-1268
1					Insulating Tube	TC-115D	TC-115D	TC-115F
1					Jumper	VRB-28	VRB-28	VRB-28
1					Lead Seal	X-1316	X-1316	X-1316
2					Resistor Bracket	VRP-36	VRP-36	VRP-36
4					Resistor Lock Washer - #8	X-1275	X-1275	X-1275
4					Resistor Plain Washer - #8	8X-1503	8X-1503	8X-1503
4					Resistor Screw - #8-32x7/16	8X-1496	8X-1496	8X-1496
1					Series Coil Connector	VRS-4	VRS-4	VRS-4
4					Terminal Lock Washer - #10	X-196	X-196	X-196
4					Terminal Plate	VRB-50	VRB-50	VRB-50
4					Terminal Screw - #10-32	8X-312	8X-321	8X-321
1					V.R. Coil Assembly	VRP-3008S	VRP-3008BS	VRP-3008BS
1					Armature Spring - 14 Turns	VRP-56	VRP-56	VRP-56
1					Hex. Nut - #10-32	8X-173	8X-173	8X-173
1					Lock Washer - #10	12X-196	12X-196	12X-196
1					Plain Washer - #10	8X-183A	8X-183A	8X-183A

1 2 3 4 5

( Issued 10-3-40)

TC-51L - Marked 30  
TC-51M - Marked 60  
TC-51U - Marked 7  
TC-51X - Marked 38



# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VRP-4402B	VRP-4402C	VRP-4501A	VRP-4501AX	VRP-4503A
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011D	VAV-2011E	VAV-2011E	VAV-2011E
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D
Clip, Terminal	3	VRB-50	VRB-50			
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-28	VRP-77	VRP-77	VRP-1002F
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-73	VRP-73	VRP-50A
Lead Seal	1	X-1316	X-1316	X-2955	X-2955	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-107A (15)	VRP-107 (7)	TC-51U (7)	TC-51U (7)	VRP-107 (7)
Resistor - Marked ( )	1	VRP-108A (60)	VRP-108 (38)	TC-51X (38)	TC-51X (38)	VRP-108 (38)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, Resistor, Bdg. Hd. #8-32x3/8	4			8X-2957	8X-2957	
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32	3	8X-321	8X-321	8X-312	8X-312	8X-312
Seal Strip	1			VRP-79	VRP-79	
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Resistor Screw, Plain #8	4			8X-2971	8X-2971	
Washer, Resistor Screw, Skpf. #8	4			X-1276	X-1276	
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VRP-4503AX	VRP-4503B	VRP-4503BX	VRP-6001A	VRP-6001B
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VAV-2011E	VAV-2011E	VAV-2011E	VRV-2011D	VRV-2011D
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-1002F	VRP-1002F	VRP-1002F	VRP-28	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked (7)	1	VRP-107	VRP-107	VRP-107	VRP-100	VRP-100
Resistor - Marked (38)	1	VRP-108	VRP-108	VRP-108	VRP-100A	VRP-100A
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VRP-6002A	VRP-6003A	VRP-6004A	VRP-6004B	VRP-6005A
Armature, C. B.	1	CBG-1014	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011E	VAV-2011E	VAV-2011E	VRV-2011D
Armature, V. R.	1	VRV-2011D	VRV-2011E	VRV-2011D	VRV-2011D	VRV-2011D
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-28B	VRP-1002R	VRP-1002R	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196 (6)	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked (7)	1	VRP-107	VRP-100	VRP-107	VRP-107	VRP-107
Resistor - Marked (38)	1	VRP-108	VRP-100A	VRP-108	VRP-108	VRP-108
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312 (4)	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022AS	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-7-55)

Name of Part	No. Used	VRP-6005BX	VRP-6007A	VRP-6008A	VRP-6101A	VRP-6101B
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011E	VAV-2011E	VRV-2011D	VRV-2011D
Armature, V. R.	1	VRV-2011D	VRV-2011E	VRV-2011D	VRV-2011D	VRV-2011D
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-28B	VRP-28	VRP-28	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-107 (7)	VRP-107 (7)	VRP-107 (7)	VRP-107 (7)	VRP-107 (7)
Resistor - Marked ( )	1	VRP-108 (38)	VRP-108C (15)	VRP-108 (38)	VRP-108 (38)	VRP-108 (38)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022AS	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-10-55)

Name of Part	No. Used	VRR-4001A	VRR-4008AX	VRR-4101A	VRR-4102A	VRR-4102B
Armature, C. B.	1	CBG-1014	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011E	VRV-2011D	VRV-2011D
Clip, Terminal	3		VRB-50	VRB-50	VRB-50	VRB-50
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRR-1002	VRR-1054B	VRR-63	VRR-63	VRR-63
Gasket, Cover	1	HRJ-50	VRR-50A	VRR-50A	VRR-50A	VRR-50A
Grounding Strap	1			VRR-57	VRR-57	VRR-57
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196 (6)	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	TC-51L (30)	VRP-108H (20)	VRP-108C (15)	VRP-108C (15)	VRP-108C (15)
Screw, Armature, #4 Self Tapping	4	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, Resistor, Bdg. Hd. #8-32x3/8	2	X-2957				
Screw, V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	1	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32	3	8X-312 (4)	8X-321	8X-321	8X-321	8X-321
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, V. R. Armature	1	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, V. R. Armature	1	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	1	VBA-1022S	VBA-1022S	VBA-1022AS	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	1	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	2	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	2	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Resistor Screw, Plain #8	2	8X-2971				
Washer, Resistor Screw, Skpf. #8	2	X-1276				
Washer, V. R. Stat. Contact, Plain #8	1	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, V. R. Stat. Contact, Skpf. #8	1	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-10-55)

Name of Part	No. Used	VRR-4103A	VRR-4104A
Armature, C. B.	1	CBG-1011B	CBG-1011B
Armature, V. R.	1	VRR-2011	VRR-2011A
Clip, Terminal	3	VRB-50	VRB-50
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034
Cover, Regulator	1	VRR-63	VRR-63
Gasket, Cover	1	VRR-50A	VRR-50A
Insulation, V. R. Stat.			
Contact	1	VRR-23	VRR-23
Lead Seal	1	X-1316	X-1316
Lockwasher, Term. & Cover			
Screw, #10	5	12X-196	12X-196
Plate, Shock Resisting,			
C. B. Armature	1	VAV-7	VAV-7
Resistor - Marked (15)	1	VRP-108C	VRP-108C
Screw, Armature, #4			
Self Tapping	4	X-1721	X-1721
Screw, C. B. Stat. Contact,			
Fill. Hd. #8-32x1/4	2	X-702	X-702
Screw, Cover, Rd. Hd.			
#10-32x1/4	2	8X-312	8X-312
Screw, V. R. Stat. Contact,			
Bdg. Hd. #8-32x5/16	1	8X-723	8X-723
Screw, Terminal, Rd. Hd.			
#10-32x5/16	3	8X-321	8X-321
Spacer, C. B. Armature	1	VRB-9B	VRB-9B
Spacer, V. R. Armature	1	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123
Spring, V. R. Armature	1	VRP-56	VRP-56
Stat. Contact, V. R.	1	VRR-1022	VRR-1022A
Washer, Ins., V. R. Stat.			
Contact	1	VRB-30	VRB-30
Washer, Plain .025" Thick	2	VRP-64	VRP-64
Washer, Plain .015" Thick	2	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C
Washer, Stat. Contact,			
Plain #8	1	8X-1503	8X-1503
Washer, Stat. Contact,			
Skpf. #8	1	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-10-55)

Name of Part	No. Used	VRS-4004C	VRS-4004F	VRS-4004G	VRS-4005D	VRS-4007B
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-28	VRP-28	VRP-28	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-107C (30)	VRP-107C (30)	VRP-107C (30)		
Resistor - Marked ( )	1	VRP-108B (80)	VRP-108A (60)	VRP-108A (60)	VRP-108A (60)	VRP-108A (60)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-10-55)

Name of Part	No. Used	VRS-4007C	VRS-4010A	VRS-4010C	VRS-4102BM	VRS-4102CM
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011E	VRV-2011E	VRV-2011D	VRV-2011D
Armature, V. R.	1	VRV-2011D	VRV-2011E	VRV-2011E	VRV-2011D	VRV-2011D
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-28B	VRP-28B	VRP-68	VRP-68
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-2955	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196 (6)	12X-196 (6)
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1		VRP-107C (30)	VRP-107C (30)	TC-51L (30)	VRP-107C (30)
Resistor - Marked ( )	1	VRP-108D (30)	VRP-108A (60)	VRP-108D (30)	TC-51M (60)	VRP-108A (60)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	X-19	X-19
Screw, Resistor, Bdg. Hd. #8-32x3/8	4				X-2973	
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312	8X-312	8X-312	X-19 (4)	X-19 (4)
Seal Strip	1				VRP-79	
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022AS	VBA-1022AS	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Resistor Screw, Plain #8	4				X-2972	
Washer, Resistor Screw, Skpf. #8	4				X-1276	
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT VOLTAGE REGULATOR  
 Type "VRS"  
 -4005E to -4007A

		VRS-4005E	VRS-4006A	VRS-4006B	VRS-4006C	VRS-4007A
No	Name of Part					
Used	1 2 3 4 5					
1	Carbon Resistance - VR	TC-51N	TC-51M	TC-51M	TC-51M	TC-51M
1	C.B. Coil Assembly	CBH-3001S	CBH-3001S	CBH-3001S	CBH-3001S	CBH-3001S
1	Armature Spring - 13 Turns	VRP-35	VRP-35	VRP-35	VRP-35	VRP-35
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	C.B. Stationary Contact	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
2	C.B. Stat. Contact Sc. #8-32x1/4	X-702	X-702	X-702	X-702	X-702
1	Cover	VRS-1002A	VRS-1002	VRS-1002	VRS-1002	VRS-1002A
1	Cover Gasket	VRP-50	VRP-50	VRP-50	VRP-50	VRP-50
2	Cover Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
2	Cover Screw - #10-32x1/4	8X-312	8X-312	8X-312	8X-312	8X-312
1	C.R. Coil Assembly	VRS-1003AS	VRS-1003AS	VRS-1003AS	VRS-1003AS	VRS-1003AS
1	Armature Spring - 11 Turns	CB-123	CB-123	CB-123	CB-123	CB-123
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
4	Eyelet	IG-97	VRB-36	VRB-36	VRB-36	VRB-36
4	Grommet - Rubber	EC-41	VRB-37	VRB-37	VRB-37	VRB-37
1	Ground Terminal	VRB-53	VRP-58	VRP-58	VRP-58	VRP-58
1	Ground Terminal Rivet	X-1268	X-1268	X-1268	X-1268	X-1268
1	Insulating Tube	TC-115D	TC-115D	TC-115D	TC-115D	TC-115D
1	Jumper	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
1	Lead Seal	X-1316	X-1316	X-1316	X-1316	X-1316
2	Resistor Bracket	VRP-36	VRP-36	VRP-36	VRP-36	VRP-36
4	Resistor Lock Washer - #8	X-1275	X-1275	X-1275	X-1275	X-1275
4	Resistor Plain Washer - #8	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
4	Resistor Screw - #8-32x7/16	X-1496	X-1496	X-1496	X-1496	X-1496
1	Series Coil Connector	VRS-4	VRS-4	VRS-4	VRS-4	VRS-4
4	Terminal Lock Washer - #10	X-196				X-196
4	Terminal Screw - #10-32	8X-312				8X-312
1	V.R. Coil Assembly	VRS-3008S	VRS-3008S	VRS-3008S	VRS-3008S	VRS-3008S
1	Armature Spring - 14 Turns	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173	8X-173
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
1	2 3 4 5					

(Issued 10-7-40)

TC-51M - Marked 60  
 TC-51N - Marked 80

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT VOLTAGE REGULATORS  
 Type "VRS"  
 -4007A-1 to -4009A

VRS-4007A-1

VRS-4007B

VRS-4008A

VRS-4009A

Nc. Used	Name of Part					VRS-4007A-1	VRS-4007B	VRS-4008A	VRS-4009A
	1	2	3	4	5				
1	Carbon Resistance (Marked 30)								TC-51L
1	Carbon Resistance (Marked 60)					TC-51M	TC-51M	TC-51M	TC-51M
1	C.B. Coil Assembly					CBH-3001S	CBH-3001S	CBH-3001S	CBH-3001S
1	Armature Spring - 13 Turns					VRP-35	VRP-35	VRP-35	VRP-35
1	Hex. Nut - #10-32					8X-173	8X-173	8X-173	8X-173
1	Insulating Washer					IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10					12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10					8X-183A	8X-183A	8X-183A	8X-183A
1	C.B. Stationary Contact					VRP-1034	VRP-1034	VRP-1034	VRP-1034
2	C.B. Stat. Contact Sc. #8-32x1/4					X-702	X-702	X-702	X-702
1	Cover					VRS-1002A	VRS-1002A	VRS-1002B	VRS-1002B
1	Cover Gasket					VRP-50	VRP-50	VRP-50	VRP-50
2	Cover Lock Washer - #10					12X-196	12X-196	12X-196	12X-196
2	Cover Screw - #10-32x1/4					8X-312	8X-312	8X-312	8X-312
1	C.R. Coil Assembly					VRS-1003AS	VRS-1003AS	VRS-1003BS	VRS-1003CS
1	Armature Spring - 11 Turns					CB-123	CB-123	CB-123	CB-123
1	Hex. Nut - #10-32					8X-173	8X-173	8X-173	8X-173
1	Insulating Washer					IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10					12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10					8X-183A	8X-183A	8X-183A	8X-183A
4	Eyelet					VRB-36	VRB-36	IG-97	IG-97
4	Grommet - Rubber					VRB-37	VRB-37	EC-41	EC-41
1	Ground Terminal					VRP-58	VRP-58	VRB-53	VRB-53
1	Ground Terminal Rivet					X-1268	X-1268	X-1268	X-1268
1	Insulating Tube					TC-115D	TC-115D	TC-115D	TC-115D
1	Jumper					VRB-28	VRB-28	VRB-28	VRB-28
1	Lead Seal					X-1316	X-1316	X-1316	X-1316
2	Resistor Bracket					VRP-36	VRP-36	VRP-36	VRP-36
4	Resistor Lock Washer - #8					X-1275	X-1275	X-1275	X-1275
4	Resistor Plain Washer - #8					8X-1503	8X-1503	8X-1503	8X-1503
4	Resistor Screw - #8-32x7/16					X-1496	X-1496	X-1496	X-1496
1	Series Coil Connector					VRS-4	VRS-4	VRS-4	VRS-4
4	Terminal Lock Washer - #10					X-196	X-196	X-196	X-196
4	Terminal Plate					VRP-50			
4	Terminal Screw - #10-32					8X-321	8X-312	8X-312	8X-312
1	V.R. Coil Assembly					VRS-3008S	VRS-3008S	VRS-3008AS	VRS-3008AS
1	Armature Spring - 14 Turns					VRP-56	VRP-56	VRP-56	VRP-56
1	Hex. Nut - #10-32					8X-173	8X-173	8X-173	8X-173
1	Lock Washer - #10					12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10					8X-183A	8X-183A	8X-183A	8X-183A

1 2 3 4 5

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-10-55)

Name of Part	No. Used	VRS-4201AX	VRS-6001AM	VRS-6003AM
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011D	VRV-2011D
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011D
Connector	1	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-1002L	VRP-1002L
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	6	12X-196 (5)	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-107C (30)		VRP-107C (30)
Resistor - Marked ( )	1	VRP-108A (60)	VRP-108B (80)	VRP-108A (60)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	X-19	X-19
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	4	8X-312 (3)	X-19	X-19
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-10-55)

Name of Part	No. Used	VRT -4102A	VRT -4103A	VRT -4104A
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B
Armature, V. R.	1	VRV-2011D	VRR-2011	VRR-2011A
Clip, Terminal	3	VRB-50	VRB-50	VRB-50
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRR-63	VRR-63	VRR-63
Gasket, Cover	1	VRR-50A	VRR-50A	VRR-50A
Insulation, V. R. Stat. Contact	1		VRR-23	VRR-23
Lead Seal	1	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7
Resistor - Marked (20)	1	VRP-108H	VRP-108H	VRP-108H
Screw, Armature, #4 Self Tapping	4	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312
Screw, V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	1	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x5/16	3	8X-321	8X-321	8X-321
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B
Spacer, V. R. Armature	1	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123
Spring, V. R. Armature	1	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	1	VBA-1022S		
Stat. Contact, V. R.	1		VRR-1022	VRR-1022A
Washer, Ins., V. R. Stat. Contact	1	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	2	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	2	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C
Washer, V. R. Stat. Contact, Plain #8	1	8X-1503	8X-1503	8X-1503
Washer, V. R. Stat. Contact, Skpf. #8	1	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

VOLTAGE REGULATORS  
 Type "VRT"  
 -4001A to -4003A-1

No. Used	Name of Part	VRT-4001A	VRT-4002A	VRT-4002A-1	VRT-4003A-1
		1	2	3	4
1	Carbon Resistance (Marked 30)	TC-51L	TC-51L	TC-51L	TC-51L
1	C.B. Coil Assembly	CBH-3001AS	CBH-3001S	CBH-3001S	CBH-3001S
1	Armature Spring - 13 Turns	VRP-35	VRP-35	VRP-35	VRP-35
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55	IGB-55	IGB-55
1	#10 Lock Washer	12X-196	12X-196	12X-196	12X-196
1	#10 Plain Washer	8X-183A	8X-183A	8X-183A	8X-183A
1	C.B. Stationary Contact	VRP-1034	VRP-1034	VRP-1034	VRP-1034
1	C.B. Stat. Contact Sc. #8-32x1/4	X-702	X-702	X-702	X-702
1	Cover	VRT-1002	VRT-1002A	VRT-1002A	VRT-1002A
1	Cover Gasket	VRR-50	VRR-50	VRR-50	VRR-50
2	Cover Lock Washer - #10	12X-196	12X-196	12X-196	12X-196
2	Cover Screw - #10-32x1/4	8X-312	8X-312	8X-312	8X-312
2	Eyelet	VRB-36	VRB-36	VRB-36	VRB-36
2	Grommet - Rubber	VRB-37	VRB-37	VRB-37	VRB-37
1	Ground Terminal	VRD-28	VRD-28	VRD-28	VRD-28
1	Ground Terminal Rivet	X-1268	X-1268	X-1268	X-1268
1	Insulating Tube	TC-115H	TC-115G	TC-115G	TC-115G
1	Lead Seal	X-1316	X-1316	X-1316	X-1316
2	Mounting Washer	MU-37	MU-37	MU-37	MU-37
1	Resistor Bracket	VRR-36	VRR-36	VRR-36	VRR-36
2	Resistor Lock Washer - #8	X-1275	X-1275	X-1275	X-1275
2	Resistor Plain Washer - #8	8X-1503	8X-1503	8X-1503	8X-1503
2	Resistor Screw - #8-32x7/16	8X-1496	8X-1496	8X-1496	8X-1496
4	Terminal Lock Washer	X-196	X-196	X-196	X-196
4	Terminal Plate			VRB-50	VRB-50
4	Terminal Screw - #10-32	8X-1515	8X-312	8X-321	8X-321
1	V.R. Coil Assembly	VRT-3008S	VRT-3008AS	VRT-3008AS	VRT-3008AS
1	Armature Spring - 14 Turns	VRP-56	VRP-56	VRP-56	VRP-56
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	8X-183A
1	2	3	4	5	

(Issued 10-7-40)



# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT VOLTAGE REGULATORS  
 Type "VRU"  
 -4001A to - 4002A

No. Used	Name of Part		
		VRU-4001A	VRU-4002A
	1 2 3 4 5		
1	Carbon Resistor (Marked 20)	TC-51T	TC-51T
1	Carbon Resistor (Marked 30)	TC-51L	TC-51L
1	C.B. Coil Assembly	CBH-3001S	CBH-3001S
1	Armature Spring - 13 Turns	VRP-35	VRP-35
1	Hex. Nut - #10-32	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55
1	#10 Lock Washer	12X-196	12X-196
1	#10 Plain Washer	8X-183A	8X-183A
1	C. B. Stationary Contact	VRP-1034	VRP-1034
2	CB Stat. Contact Screw #8-32x1/4	X-702	X-702
1	Cover	VRS-1002A	VRS-1002
1	Cover Gasket	VRP-50	VRP-50
2	Cover Lock Washer - #10	12X-196	12X-196
2	Cover Screw - #10-32x1/4	8X-312	8X-312
1	C.R. Coil Assembly	VRU-1003S	VRU-1003S
1	Armature Spring - 11 Turns	CB-123	CB-123
1	Hex. Nut - #10-32	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55
1	#10 Lock Washer	12X-196	12X-196
3	Eyelet	VRB-36	VRB-36
3	Grommet - Rubber	VRB-37	VRB-37
1	Ground Terminal	VRP-58	VRP-58
1	Ground Terminal Rivet	X-1268	X-1268
1	Insulating Tube - 2 3/4" Long	TC-115D	TC-115D
1	Jumper	VRB-28	VRB-28
1	Lead Seal	X-1316	X-1316
2	Resistor Bracket	VRP-36	VRP-36
4	Resistor Lock Washer - #8	X-1275	X-1275
4	Resistor Plain Washer - #8	8X-1503	8X-1503
4	Resistor Screw - #8-32x7/16	8X-1496	8X-1496
1	Series Coil Connector	VRS-4	VRS-4
3	Terminal Lock Washer - #10	X-196	
3	Terminal Screw - #10-32	8X-312	
1	V.R. Coil Assembly	VRS-3008S	VRS-3008S
1	Armature Spring - 14 Turns	VRP-56	VRP-56
1	Hex. Nut - #10-32	8X-173	8X-173
1	#10 Lock Washer	12X-196	12X-196
1	#10 Plain Washer	8X-183A	8X-183A
	1 2 3 4 5		

(Issued 10-7-40)



# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-18-55)

Name of Part	No. Used	VRU-4004AX	VRU-6001AM	VRU-6002AM	VRU-6002BM	VRV-4002A
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011E	VRV-2011D	VRV-2011E	VRV-2011E	VRV-2011D
Armature, V. R.	1	VRV-2011E	VRV-2011D	VRV-2011E	VRV-2011E	VRV-2011D
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28B	VRP-1002L	VRP-1002M	VRP-1002M	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	6	12X-196 (5)	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-107B (20)	VRP-107F (38)	VRP-107F (38)	VRP-107F (38)	VRP-107E(200)
Resistor - Marked ( )	1	VRP-108 (38)	VRP-108F(135)	VRP-108F(135)	VRP-108F(135)	VRP-108E(200)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	X-19	X-19	X-19	8X-312
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	4	8X-312 (3)	X-19	X-19	X-19	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins., Pkg.	2	VBA-1022AS	VBA-1022S	VBA-1022AS	VBA-1022AS	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-18-55)

Name of Part	No. Used	VRV-4003A	VRV-4003B	VRV-4102A	VRV-4103A	VRV-6003A
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011E	VRV-2011E
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011E	VRV-2011E
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-28	VRP-28	VRP-28B	VRP-28B
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-107E(200)	VRP-107E(200)	TC-51V (200)	TC-51V (200)	VRP-107E(200)
Resistor - Marked ( )	1	VRP-108E(200)	VRP-108G(100)	TC-51V (200)	TC-51V (200)	VRP-108E(200)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, Resistor, Bdg. Hd. #8-32x3/8	4			8X-2957	8X-2957	
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022AS	VBA-1022AS
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Resistor Screw, Plain #8	4			8X-2971	8X-2971	
Washer, Resistor Screw, Skpf. #8	4			X-1276	X-1276	
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT-VOLTAGE REGULATOR  
Type "VRV"

VRV-400LA

No. Used	Name of Part	
	1 2 3 4 5	
1	Carbon Resistor	TC-51V
1	Carbon Resistor - VR	TC-51D
1	CB Coil Assembly	CBJ-3001S
1	Armature Spring - 13 Turns	VRP-35
1	Hex. Nut - #10-32	8X-173
1	Insulating Washer	IGB-55
1	#10 Lock Washer	12X-196
1	CB Stationary Contact	VRP-1034
2	CB Stat. Contact Screw #8-32x1/4	X-702
1	Cover	VRV-1002
1	Cover Gasket	VRP-50
2	Cover Lock Washer - #10	12X-196
2	Cover Screw - #10-32x1/4	8X-312
1	CR Coil Assembly	VRS-1003AS
1	Armature Spring - 13 Turns	VRP-35
1	Hex. Nut - #10-32	8X-173
1	Insulating Washer	IGB-55
1	#10 Lock Washer	12X-196
1	#10 Plain Washer	8X-183A
3	Eyelet	VRB-36
3	Grommet - Rubber	VRB-37
1	Ground Terminal	VRB-53
1	Ground Terminal Rivet	X-1268
1	Insulating Tube - 2 3/4" Long	TC-115D
1	Jumper	VRB-28
1	Lead Seal	X-1316
2	Resistor Bracket	VRP-36
4	Resistor Lock Washer - #8	X-1275
4	Resistor Plain Washer - #8	8X-1503
4	Resistor Screw - #8-32x7/16	8X-1496
1	Series Coil Connector	VRS-4
1	VR Coil Assembly	VRV-3008S
1	Armature Spring - 14 Turns	VRP-56
1	Hex. Nut - #10-32	8X-173
1	#10 Lock Washer	12X-196
1	#10 Plain Washer	8X-183A
	1 2 3 4 5	

(Issued 9-15-39)



# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

## CURRENT VOLTAGE REGULATORS

Type "VRW"  
-4001A to -4004A

No. Used	Name of Part	VRW-4001A	VRW-4002A	VRW-4003A	VRW-4004A
		1	2	3	4
	1 2 3 4 5				
1	Carbon Resistance (Marked 60)				TC-51M
1	Carbon Resistance (Marked 30)	TC-51L	TC-51L	TC-51L	TC-51L
1	C.B. Coil Assembly	CBL-3001S	CBL-3001S	CBL-3001S	CBL-3001S
1	Armature Spring - 13 Turns	VRP-35	VRP-35	VRP-35	VRP-35
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	8X-183A
1	C.B. Stationary Contact	VRP-1034	VRP-1034	VRP-1034	VRP-1034
2	C.B. Stat. Contact Sc. #8-32x1/4	X-702	X-702	X-702	X-702
1	Cover	VRP-1002	VRP-1002A	VRP-1002D	VRP-1002A
1	Cover Gasket	VRP-50	VRP-50	VRP-50	VRP-50
2	Cover Lock Washer - #10	12X-196	12X-196	12X-196	12X-196
2	Cover Screw - #10-32x1/4	8X-312	8X-312	8X-312	8X-312
1	C.R. Coil Assembly	VRS-1003AS	VRS-1003AS	VRS-1003BS	VRS-1003S
1	Armature Spring - 11 Turns	CB-123	CB-123	CB-123	CB-123
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55	IGB-55	IGB-55
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	
4	Eyelet	VRB-36	IG-97	VRB-36	IG-97
4	Grommet - Rubber	VRB-37	EC-41	VRB-37	EC-41
1	Ground Terminal	VRP-58	VRB-53	VRP-58	VRB-53
1	Ground Terminal Rivet	X-1268	X-1268	X-1268	X-1268
1	Insulating Tube - 2 3/4" Long	TC-115D	TC-115D	TC-115D	TC-115D
1	Juniper	VRB-28	VRB-28	VRB-28	VRB-28
1	Lead Seal	X-1316	X-1316	X-1316	X-1316
2	Resistor Bracket	VRP-36	VRP-36	VRP-36	VRP-36
4	Resistor Lock Washer - #8	X-1275	X-1275	X-1275	X-1275
4	Resistor Plain Washer - #8	8X-1503	8X-1503	8X-1503	8X-1503
4	Resistor Screw - #8-32x7/16	8X-1496	8X-1496	8X-1496	8X-1496
1	Series Coil Connector	VRS-4	VRS-4	VRS-4	VRS-4
3	Terminal Lock Washer - #10		X-196	X-196	X-196
3	Terminal Screw - #10-32		8X-312	8X-312	8X-312
1	V.R. Coil Assembly	VRP-3008S	VRP-3008S	VRP-3008AS	VRP-3008S
1	Armature Spring - 14 Turns	VRP-56	VRP-56	VRP-56	VRP-56
1	Hex. Nut - #10-32	8X-173	8X-173	8X-173	8X-173
1	Lock Washer - #10	12X-196	12X-196	12X-196	12X-196
1	Plain Washer - #10	8X-183A	8X-183A	8X-183A	8X-183A
	1 2 3 4 5				

(Issued 10-7-40)



# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-18-55)

Name of Part	No. Used	VRW-4001BX	VRW-4003BX	VRW-4004A	VRW-4005A	VRW-4005BX
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011E	VRV-2011D	VRV-2011D	VRV-2011D
Armature, V. R.	1	VRV-2011D	VRV-2011E	VRV-2011D	VRV-2011D	VRV-2011D
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-28B	VRP-28	VRP-28	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-108D (30)	TC-51L (30)	VRP-107C (30)	TC-51L (30)	TC-51L (30)
Resistor - Marked ( )	1			VRP-108A (60)		
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, Resistor, Bdg. Hd. #8-32x3/8	2		8X-2957		8X-2957	8X-2957
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022AS	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-60C
Washer, Resistor Screw, Plain #8	2		8X-2971		8X-2971	8X-2971
Washer, Resistor Screw, Skpf. #8	2		X-1276		X-1276	X-1276
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-18-55)

Name of Part	No. Used	VRW-4005C	VRW-4101AM	VRW-6001AX	VRW-6002B	VRW-6002BX
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011D	VRV-2011E	VRV-2011D	VRV-2011D
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011E	VRV-2011D	VRV-2011D
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-68	VRP-28B	VRP-28	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-2955	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196 (6)	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked (30)	1	TC-51L	TC-51L	VRP-108D	VRP-108D	VRP-108D
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	X-19	8X-312	8X-312	8X-312
Screw, Resistor, Bdg. Hd. #8-32x3/8	2	8X-2957	X-2973			
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312	X19 (4)	8X-312	8X-312	8X-312
Seal Strip	1		VRP-79			
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022AS	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Resistor Screw, Plain #8	2	8X-2971	8X-2972			
Washer, Resistor Screw, Skpf. #8	2	X-1276	X-1276			
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-18-55)

Name of Part	No. Used	VRW-6003AM	VRW-6003BM	VRW-6004BM	VRW-6006AM	VRW-6007AM
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011D	VRV-2011E	VRV-2011D	VRV-2011E
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011E	VRV-2011D	VRV-2011E
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-1002L	VRP-1002L	VRP-1002M	VRP-1002L	VRP-1002M
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	6	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-108D (30)	VRP-108D (30)	VRP-108D (30)	VRP-108A (60)	VRP-108A (60)
Resistor - Marked ( )	1					VRP-107C (30)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	X-19	X-19	X-19	X-19	X-19
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	4	X-19	X-19	X-19	X-19	X-19
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022AS	VBA-1022S	VBA-1022AS
Washer, Ins. , Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-18-55)

Name of Part	No. Used	VRX-4001A	VRX-4001BX	VRX-4003A	VRX-4003CX	VRX-4003D
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D
Armature, V. R.	1	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D	VRV-2011D
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28	VRP-28	VRP-28	VRP-28	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-107B (20)	VRP-107B (20)	VRP-107B (20)	VRP-107C (30)	VRP-107C (30)
Resistor - Marked ( )	1	VRP-108B (80)				
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312	8X-312
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32x1/4	3	8X-312	8X-312	8X-312	8X-312	8X-312
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins., Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275	X-1275

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CURRENT VOLTAGE REGULATORS  
Type "VRX"  
-4001A to -4002A

No. Used	Name of Part	VRX-4001A	VRX-4002A
	1 2 3 4 5		
1	Carbon Resistor (Marked 20)	TC-51T	TC-51T
1	Carbon Resistor (Marked 80)	TC-51N	TC-51N
1	C.B. Coil Assembly	CBM-3018S	CBM-3018S
1	Armature Spring - 13 Turns	VRP-35	VRP-35
1	Hex. Nut - #10-32	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55
1	#10 Lock Washer	12X-196	12X-196
1	#10 Plain Washer	8X-183A	8X-183A
1	C. B. Stationary Contact	VRP-1034	VRP-1034
2	C.B. Stat. Contact Screw #8-32x 1/4	X-702	X-702
1	Cover	VRS-1002A	VRS-1002B
1	Cover Gasket	VRP-50	VRP-50
2	Cover Lock Washer - #10	12X-196	12X-196
2	Cover Screw - #10-32x1/4	8X-312	8X-312
1	C.R. Coil Assembly	VRP-3060FS	VRP-3060ES
1	Armature Spring - 11 Turns	CB-123	CB-123
1	Hex. Nut - #10-32	8X-173	8X-173
1	Insulating Washer	IGB-55	IGB-55
1	#10 Lock Washer	12X-196	12X-196
4	Eyelet	IG-97	IG-97
4	Grommet - Rubber	EC-41	EC-41
1	Ground Terminal	VRB-53	VRB-53
1	Ground Terminal Rivet	X-1268	X-1268
1	Insulating Tube - 2 3/4" Long	TC-115D	TC-115D
1	Jumper	VRB-28	VRB-28
1	Lead Seal	X-1316	X-1316
2	Resistor Bracket	VRP-36	VRP-36
4	Resistor Lock Washer - #8	X-1275	X-1275
4	Resistor Plain Washer - #8	8X-1503	8X-1503
4	Resistor Screw - #8-32x7/16	8X-1496	8X-1496
1	Series Coil Connector	VRS-4	VRS-4
1	V. R. Coil Assembly	VRS-3008S	VRS-3008AS
1	Armature Spring - 14 Turns	VRP-56	VRP-56
1	Hex. Nut - #10-32	8X-173	8X-173
1	#10 Lock Washer	12X-196	12X-196
1	#10 Plain Washer	8X-183A	8X-183A
	1 2 3 4 5		

(Issued 10-7-40)



# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

REGULATORS  
(Issued 3-18-55)

Name of Part	No. Used	VRX-4401A	VRX-6003A	VRX-6003B	VRX-6007A
Armature, C. B.	1	CBG-1011B	CBG-1011B	CBG-1011B	CBG-1011B
Armature, C. R.	1	VRV-2011E	VAV-2011E	VAV-2011E	VAV-2011E
Armature, V. R.	1	VRV-2011E	VRV-2011G	VRV-2011G	VRV-2011G
Clip, Terminal	3				VRB-50
Connector	1	VRB-28	VRB-28	VRB-28	VRB-28
Contact, Stationary, C. B.	1	VRP-1034	VRP-1034	VRP-1034	VRP-1034
Cover, Regulator	1	VRP-28B	VRP-1002R	VRP-1002R	VRP-28
Gasket, Cover	1	VRP-50A	VRP-50A	VRP-50A	VRP-50A
Lead Seal	1	X-1316	X-1316	X-1316	X-1316
Lockwasher, Term. & Cover Screw, #10	5	12X-196	12X-196	12X-196	12X-196
Plate, Shock Resisting, C. B. Armature	1	VAV-7	VAV-7	VAV-7	VAV-7
Resistor - Marked ( )	1	VRP-107B (20)	VRP-107F (38)	VRP-107F (38)	VRP-107F (38)
Resistor - Marked ( )	1	VRP-108A (60)	VRP-108F (135)	VRP-108F (135)	VRP-108B (80)
Screw, Armature, #4 Self Tapping	6	X-1721	X-1721	X-1721	X-1721
Screw, C. B. Stat. Contact, Fill. Hd. #8-32x1/4	2	X-702	X-702	X-702	X-702
Screw, Cover, Rd. Hd. #10-32x1/4	2	8X-312	8X-312	8X-312	8X-312
Screw, C. R. & V. R. Stat. Contact, Bdg. Hd. #8-32x5/16	2	8X-723	8X-723	8X-723	8X-723
Screw, Terminal, Rd. Hd. #10-32	3	8X-312	8X-312	8X-312	8X-321
Spacer, C. B. Armature	1	VRB-9B	VRB-9B	VRB-9B	VRB-9B
Spacer, C. R. & V. R. Armature	2	VRP-63	VRP-63	VRP-63	VRP-63
Spring, C. B. Armature	1	CB-123	CB-123	CB-123	CB-123
Spring, C. R. & V. R. Armature	2	VRP-56	VRP-56	VRP-56	VRP-56
Stat. Contact & Ins. Pkg.	2	VBA-1022S	VBA-1022S	VBA-1022S	VBA-1022S
Washer, Ins. , Stat. Contact	2	VRB-30	VRB-30	VRB-30	VRB-30
Washer, Plain .025" Thick	4	VRP-64	VRP-64	VRP-64	VRP-64
Washer, Plain .015" Thick	4	VRP-64A	VRP-64A	VRP-64A	VRP-64A
Washer, Plain .042" Thick	2	VRP-64C	VRP-64C	VRP-64C	VRP-64C
Washer, Stat. Contact, Plain #8	2	8X-1503	8X-1503	8X-1503	8X-1503
Washer, Stat. Contact, Skpf. #8	2	X-1275	X-1275	X-1275	X-1275



# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

Current-Voltage Regulator  
Type VRY  
4101A to -4203A

Name of Part	No. Used	VERY-4101A	VERY-4201A,B	VERY-4201C,D	VERY-4202A	VERY-4203A
1 2 3 4 5						
Base, Insulation	1	VRA-1055	VRA-1055	VRA-1055	VRA-1055	VRA-1055
Base, Mounting	1	VRA-1072	VRA-1072A	VRA-1072A	VRA-1072A	VRA-1072A
Bracket, Resistor Mounting	1	VRA-67	VRA-67	VRA-67	VRA-67	VRA-67
Coil Assembly, Current Regulator	1	VRY-3070A	VRY-3070B	VRY-3070B	VRY-3070B	VRY-3070D
Armature	1	VRY-1061	VRY-1061A	VRY-1061A	VRY-1061A	VRY-1061B
Bracket, Air Gap Adjusting	1	VRA-1060	VRA-1060	VRA-1060	VRA-1060	VRA-1060
Nut, Adjusting	1	VRA-15	VRA-15	VRA-15	VRA-15	VRA-15
Screw, Adjusting	1	VRA-16	VRA-16	VRA-16	VRA-16	VRA-16
Screw, Mtg., Bracket & Bridge	4	8X-888	8X-888	8X-888	8X-888	8X-888
Screw, Mtg., Bridge	2	8X-878	8X-878	8X-878	8X-878	8X-878
Spring, Armature	1	VRA-17	VRA-84	VRA-84	VRA-84	VRA-84
Lockwasher, Bracket & Bridge	6	X-195	X-195	X-195	X-195	X-195
Washer, Plain, Bracket & Bridge	4	8X-350	8X-350	8X-350	8X-350	8X-350
Coil Assembly, Cutout Relay	1	VRC-3035	VRY-3035	VRY-3035	VRY-3035	VRY-3035
Armature	1	VRA-1043	VRY-1043	VRY-1043	VRY-1043	VRY-1043
Contact & Bracket, Stationary	1	VRH-1073	VRH-1073	VRH-1073	VRH-1073	VRH-1073
Insulation, Stat. Bracket	1	VRA-76	VRA-76	VRA-76	VRA-76	VRA-76
Nut, Adjusting	1	VRA-15	VRA-15	VRA-15	VRA-15	VRA-15
Screw, Adjusting	1	VRA-16	VRA-16	VRA-16	VRA-16	VRA-16
Screw, Mtg., Bridge	2	8X-878	8X-878	8X-878	8X-878	8X-878
Screw, Mtg., Bracket & Bridge	4	8X-888	8X-888	8X-888	8X-888	8X-888
Spring, Armature	1	VRA-17	VRA-17	VRA-17	VRA-17	VRA-17
Washer, Ins. Contact Bracket	2	GAA-35	GAA-35	GAA-35	GAA-35	GAA-35
Washer, Ins. Contact Bracket	2	X-1465	X-1465	X-1465	X-1465	X-1465
Lockwasher, Bracket & Bridge	6	X-195	X-195	X-195	X-195	X-195
Washer, Plain, Bracket & Bridge	4	8X-350	8X-350	8X-350	8X-350	8X-350
Coil Assembly, Voltage Regulator	1	VRY-3071	VRY-3071A	VRY-3071A	VRY-3071A	VRY-3071B
Armature	1	VRY-1080	VRY-1080A	VRY-1080A	VRY-1080A	VRY-1080B
Bracket, Air Gap Adjusting	1	VRA-1060	VRA-1060	VRA-1060	VRA-1060	VRA-1060
Nut, Adjusting	1	VRA-15	VRA-15	VRA-15	VRA-15	VRA-15
Screw, Adjusting	1	VRA-16	VRA-16	VRA-16	VRA-16	VRA-16
Screw, Mtg., Bracket & Bridge	4	8X-888	8X-888	8X-888	8X-888	8X-888
Screw, Mtg., Bridge	2	8X-878	8X-878	8X-878	8X-878	8X-878
Spring, Armature	1	VRA-84	VRA-84	VRA-84	VRA-84	VRA-84
Lockwasher, Bracket & Bridge	6	X-195	X-195	X-195	X-195	X-195
Washer, Plain, Bracket & Bridge	4	8X-350	8X-350	8X-350	8X-350	8X-350
Connector, Series Coil	1	VRA-46	VRA-46	VRA-46	VRA-46	VRA-46
Cover, Regulator	1	VRA-2	VRA-1002	VRA-1002	VRA-1002	VRA-1002
Gasket, Cover	1	VRA-50	VRA-50	VRH-50	VRA-50	VRA-50
Gasket, Terminal	1	VRA-51	VRA-51		VRA-51	VRA-51
Insulation, Armature Lead	1	VRA-77				
Insulation, Terminal	1	VRA-52	VRA-52		VRA-52	VRA-52
Lead, Armature	1	VRA-78				
Lead, Regulator Armature to Base	2	VRH-26 (1)	VRH-26	VRH-26	VRH-26	VRH-26
Name Plate	1	VRB-16C	VRB-16	VRB-16	VRB-16C	VRB-16
Nut, Coil Mounting	3	8X-1055	8X-1055	8X-1055	8X-1055	8X-1055
Nut, Cover Holding	2	8X-163	8X-163	8X-163	8X-163	8X-163
Nut, Series Connection	1	8X-173	8X-173	8X-173	8X-173	8X-173
Plug, Drain	1		VAD-166	VAD-166	VAD-166	VAD-166
Resistance, Carbon	1	TC-51P	TC-51U	TC-51U	TC-51U	TC-51U
Resistance, Carbon (Marked 80)	2	TC-51N	TC-51N	TC-51N	TC-51N	TC-51N
Screw, Base Mtg.	6	8X-309	8X-309	8X-309	8X-309	8X-309
Screw, Ground	1	8X-321	8X-321	8X-321	8X-321	8X-321
Screw, Lead Connection	1	8X-309	8X-309	8X-309	8X-309	8X-309
Screw, Lead Connection	1	8X-321	8X-321	8X-321	8X-321	8X-321
Screw, Lead Connection	1	8X-321	8X-311	8X-311	8X-311	8X-311
Screw, Name Plate Attaching	2	X-453	X-453	X-453	X-453	X-453
Screw, Resistor Attaching	6	8X-55	8X-55	8X-55	8X-55	8X-55
Screw, Terminal	3	8X-137	8X-137	8X-173	8X-173	8X-173 (2)
Seal	1	GAG-138	GAG-138	GAG-138	GAG-138	GAG-138
Washer, Lock, Base Mtg.	6	X-196	12X-196	12X-196	X-196	X-196
Washer, Lock, Lead Connection	4	X-196	X-196	X-196	X-196	X-196
Washer, Lock, Coil Mtg.	3	X-535	X-535	X-535	X-535	X-535
Washer, Lock, Cover Holding	2	12X-199	12X-199	12X-199	12X-199	12X-199
Washer, Lock, Ground Screw	1	12X-196	12X-196	12X-196	X-196	12X-196
Washer, Lock, Resistor Mtg.	6	X-195	X-195	X-195	X-195	X-195
Washer, Lock, Terminal Screw	3	12X-1014	12X-1014	12X-1014	12X-1014	12X-1014 (2)
Washer, Plain, Base Mtg.	6	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
Washer, Plain, Lead Connection	4		8X-183A	8X-183A	8X-183A	8X-183A
Washer, Plain, Cover Holding	4		8X-361	8X-361	8X-361	8X-361
Washer, Plain, Ground Sc.	1		8X-183A	8X-183A	8X-183A	8X-183A
Washer, Plain, Resistor Mtg.	6	8X-182	8X-350	8X-350	8X-350	8X-350
Washer, Rubber, Cover Attaching	2		VRA-109	VRA-109	VRA-109	VRA-109

(issued 9-11-46)

Printed in U. S. A.

File in  
Equipment & Parts List Binder

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

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

Current-Voltage Regulator  
Type VRY  
-4203B to -4203F

Name of Part	No. Used	VRY-4203B	VRY-4203C	VRY-4203D	VRY-4203E	VRY-4203F
1 2 3 4 5						
Base, Insulation	1	VRA-1055	VRA-1055	VRA-1055	VRA-1055	VRA-1055
Base, Mounting	1	VRA-1072A	VRA-1072A	VRA-1072A	VRA-1072A	VRA-1072A
Bracket, Resistor Mounting	1	VRA-67	VRA-67	VRA-67	VRA-67	VRA-67
Coil Assembly, Current Regulator	1	VRY-3070D	VRY-3070D	VRY-3070D	VRY-3070D	VRY-3070D
Armature	1	VRY-1061B	VRY-1061B	VRY-1061B	VRY-1061B	VRY-1061B
Bracket, Air Gap Adjusting	1	VRA-1060	VRA-1060	VRA-1060	VRA-1060	VRA-1060
Nut, Adjusting	1	VRA-15	VRA-15	VRA-15	VRA-15	VRA-15
Screw, Adjusting	1	VRA-16	VRA-16	VRA-16	VRA-16	VRA-16
Screw, Mtg., Bracket & Bridge	4	8X-888	8X-888	8X-888	8X-888	8X-888
Screw, Mtg., Bridge	2	8X-878	8X-878	8X-878	8X-878	8X-878
Spring, Armature	1	VRA-84	VRA-84	VRA-84	VRA-84	VRA-84
Lockwasher, Bracket & Bridge	6	X-195	X-195	X-195	X-195	X-195
Washer, Plain, Bracket & Bridge	4	8X-350	8X-350	8X-350	8X-350	8X-350
Coil Assembly, Cutout Relay	1	VRY-3035	VRY-3035	VRY-3035	VRY-3035	VRY-3035
Armature	1	VRY-1043	VRY-1043	VRY-1043	VRY-1043	VRY-1043
Contact & Bracket, Stationary	1	VRH-1073	VRH-1073	VRH-1073	VRH-1073	VRH-1073
Insulation, Stat. Bracket	1	VRA-76	VRA-76	VRA-76	VRA-76	VRA-76
Nut, Adjusting	1	VRA-15	VRA-15	VRA-15	VRA-15	VRA-15
Screw, Adjusting	1	VRA-16	VRA-16	VRA-16	VRA-16	VRA-16
Screw, Mtg., Bridge	2	8X-878	8X-878	8X-878	8X-878	8X-878
Screw, Mtg., Bracket & Bridge	4	8X-888	8X-888	8X-888	8X-888	8X-888
Spring, Armature	1	VRA-17	VRA-17	VRA-17	VRA-17	VRA-17
Washer, Ins. Contact Bracket	2	GAA-35	GAA-35	GAA-35	GAA-35	GAA-35
Washer, Ins. Contact Bracket	2	X-1465	X-1465	X-1465	X-1465	X-1465
Lockwasher, Bracket & Bridge	6	X-195	X-195	X-195	X-195	X-195
Washer, Plain, Bracket & Bridge	4	8X-350	8X-350	8X-350	8X-350	8X-350
Coil Assembly, Voltage Regulator	1	VRY-3071B	VRY-3071B	VRY-3071B	VRY-3071B	VRY-3071B
Armature	1	VRY-1080B	VRY-1080B	VRY-1080B	VRY-1080B	VRY-1080B
Bracket, Air Gap Adjusting	1	VRA-1060	VRA-1060	VRA-1060	VRA-1060	VRA-1060
Nut, Adjusting	1	VRA-15	VRA-15	VRA-15	VRA-15	VRA-15
Screw, Adjusting	1	VRA-16	VRA-16	VRA-16	VRA-16	VRA-16
Screw, Mtg. Bracket & Bridge	4	8X-888	8X-888	8X-888	8X-888	8X-888
Screw, Mtg. Bridge	2	8X-878	8X-878	8X-878	8X-878	8X-878
Spring, Armature	1	VRA-84	VRA-84	VRA-84	VRA-84	VRA-84
Lockwasher, Bracket & Bridge	6	X-195	X-195	X-195	X-195	X-195
Washer, Plain, Bracket & Bridge	4	8X-350	8X-350	8X-350	8X-350	8X-350
Connector, Series Coil	1	VRA-46	VRA-46	VRA-46	VRA-46	VRA-46
Cover, Regulator	1	VRA-1002	VRA-1002	VRA-1002	VRA-1002	VRA-1002
Gasket, Cover	1	VRA-50	VRA-50	VRH-50	VRH-50	VRH-50
Gasket, Terminal	1	VRA-51	VRA-51			
Insulation, Terminal	1	VRA-52	VRA-52			
Lead, Regulator Armature to Base	2	VRH-26	VRH-26	VRH-26	VRH-26	VRH-26
Name Plate	1	VRB-16	VRB-16	VRB-16	VRB-16	VRB-16
Nut, Coil Mounting	3	8X-1055	8X-1055	8X-1055	8X-1055	8X-1055
Nut, Cover Holding	2	8X-163	8X-163	8X-163	8X-163	8X-163
Nut, Series Connection	1	8X-173	8X-173	8X-173	8X-173	8X-173
Plug, Drain	1	VAD-166	VAD-166	VAD-166	VAD-166	VAD-166
Resistance, Carbon (Marked 7)	1	TC-51U	TC-51U	TC-51U	TC-51U	TC-51U
Resistance, Carbon (Marked 80)	2	TC-51N	TC-51N	TC-51N	TC-51N	TC-51N
Screw, Base Mtg.	6	8X-309	8X-309	8X-309	8X-309	8X-309
Screw, Ground	1	8X-311		8X-321	8X-311	
Screw, Ground	1	8X-309			8X-309	
Screw, Lead Connection	1	8X-309	8X-309	8X-309	8X-309	8X-309
Screw, Lead Connection	1	8X-321	8X-321	8X-321	8X-321	8X-321
Screw, Name Plate Attaching	2	X-453	X-453	X-453	X-453	X-453
Screw, Resistor Attaching	6	8X-55	8X-55	8X-55	8X-55	8X-55
Screw, Terminal	3	8X-137		8X-137 (2)	8X-137	
Seal	1	GAG-138	GAG-138	GAG-138	GAG-138	GAG-138
Washer, Lock, Base Mtg.	6	X-196	X-196	X-196	X-196	X-196
Washer, Lock, Lead Connection	4	X-196	X-196	X-196	X-196	X-196
Washer, Lock Coil Mtg.	3	X-535	X-535	X-535	X-535	X-535
Washer, Lock, Cover Holding	2	12X-199	12X-199	12X-199	12X-199	12X-199
Washer, Lock, Ground Screw	1			12X-196		
Washer, Lock, Resistor Mtg.	6	X-195	X-195	X-195	X-195	X-195
Washer, Lock, Term. Screw	3	12X-1014		12X-1014 (2)	12X-1014	
Washer, Plain, Base Mtg.	6	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
Washer, Plain, Lead Connection	4	8X-183A	8X-183A	8X-183A	8X-183A	8X-183A
Washer, Plain, Cover Holding	4	8X-361	8X-361	8X-361	8X-361	8X-361
Washer, Plain, Ground Screw	1			8X-183A		
Washer, Plain, Resistor Mtg.	6	8X-350	8X-350	8X-350	8X-350	8X-350
Washer, Rubber, Cover Attaching	2	VRA-109	VRA-109	VRA-109	VRA-109	VRA-109

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

# ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

Current-Voltage Regulator  
Type VRY-4203G

Name of Part	No.					Part No.
	1	2	3	4	5	
Base, Insulation					1	VRA-1055
Base, Mounting					1	VRA-1072A
Bracket, Resistor Mounting					1	VRA-67
Coil Assembly, Current Regulator					1	VRY-3070D
Armature					1	VRY-1061B
Bracket, Air Gap Adjusting					1	VRA-1060
Nut, Adjusting					1	VRA-15
Screw, Adjusting					1	VRA-16
Screw, Mtg. Bracket & Bridge					4	8X-888
Screw, Mtg. Bridge					2	8X-878
Spring, Armature					1	VRA-84
Lockwasher, Bracket & Bridge					6	X-195
Washer, Plain, Bracket & Bridge					4	8X-350
Coil Assembly, Cutout Relay					1	VRY-3035
Armature					1	VRY-1043
Contact & Bracket Stationary					1	VRH-1073
Insulation, Stat. Bracket					1	VRA-76
Nut, Adjusting					1	VRA-15
Screw, Adjusting					1	VRA-16
Screw, Mtg. Bridge					2	8X-878
Screw, Mtg. Bracket & Bridge					4	8X-888
Spring, Armature					1	VRA-17
Washer, Ins., Contact Bracket					2	GAA-35
Washer, Ins., Contact Bracket					2	X-1465
Lockwasher, Bracket & Bridge					6	X-195
Washer Plain, Bracket & Bridge					4	8X-350
Coil Assembly, Voltage Regulator					1	VRY-3071B
Armature					1	VRY-1080B
Bracket, Air Gap Adjusting					1	VRA-1060
Nut, Adjusting					1	VRA-15
Screw, Adjusting					1	VRA-16
Screw, Mtg., Bracket & Bridge					4	8X-888
Screw, Mtg. Bridge					2	8X-878
Spring, Armature					1	VRA-84
Lockwasher, Bracket & Bridge					6	X-195
Washer, Plain, Bracket & Bridge					4	8X-350
Connector, Series Coil					1	VRA-46
Cover, Regulator					1	VRA-1002
Gasket, Cover					1	VRH-50
Lead, Regulator Armature to Base					2	VRH-26
Name Plate					1	VRB-16
Nut Coil Mounting					3	8X-1055
Nut, Cover Holding					2	8X-163
Nut, Series Connection					1	8X-173
Plug, Drain					1	VAD-166
Resistance, Carbon (Marked 7)					1	TC-51U
Resistance, Carbon (Marked 80)					2	TC-51N
Screw, Base Mtg.					6	8X-309
Screw, Ground					1	8X-309
Screw, Ground					1	8X-311
Screw, Lead Connection					1	8X-309
Screw, Lead Connection					1	8X-321
Screw, Name Plate Attaching					2	X-453
Screw, Resistor Attaching					6	8X-55
Screw, Terminal					3	8X-137
Seal					1	GAG-138
Washer, Lock, Base Mtg.					6	X-196
Washer, Lock, Lead Connection					4	X-196
Washer, Lock, Coil Mtg.					3	X-535
Washer, Lock, Cover Holding					2	12X-199
Washer, Lock, Ground Screw					2	12X-196
Washer, Lock, Resistor Mtg.					6	X-195
Washer, Lock, Term. Screw					3	12X-1014
Washer, Plain, Base Mtg.					6	8X-183A
Washer, Plain, Lead Connection					4	8X-183A
Washer, Plain, Cover Holding					4	8X-361
Washer, Plain, Ground Screw					2	8X-183A
Washer, Plain, Resistor Mtg.					6	8X-350
Washer, Rubber, Cover Attaching					1	VRA-109

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