

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GBY-4802 GENERATOR PARTS LIST

GBY-4802

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBY-20	2					Frame Screw
(GBY-2031)	1					Frame & Field Assy.
GAU-45	1					Field Connection Insulator
GBY-29	2					Pole Piece
GBY-38	4					Pole Piece Screw
GBY-42	1					Insulating Bushing
GBY-1005A	1					Field Coil Assy. - Comp.
GBY-1007A	1					Field Coil Assy. - Left
GBY-45	1					Control Lead Assy.
IG-821	1					Terminal
X-847	1					Terminal
GBY-1008	1					Field Coil - Right
MN-21	2					Dowel Pin
X-755	2					Terminal
8X-159	2					3/8-24 Hex. Nut
X-201	2					3/8 Lock Washer

Comm. End Plate Assembly & Parts Used With

DA-22	1					Bearing Retaining Washer
DA-60	1					Bearing Retaining Screw
LB-17	1					Felt Guard
DD-24C	1					End Cap Cover
DD-44	1					End Cap Cover Gasket
GBY-28	1					Felt Washer
GBY-30	1					Oil Wick
(GBY-2036)	1					Comm. End Plate Assy.
GBY-51	1					3rd Brush Plate Retain'g Spring
GBY-1012†	2					Brush - Main
GBY-1013†	1					Brush - Third
GBY-1014A	1					3rd Brush Plate Assy.
GBY-25	1					Brush Spring
GBY-33	1					Brush Arm
GBY-1036	1					Comm. End Plate Part Assy.
GBY-25	2					Brush Spring
GBY-34	2					Brush Arm
X-195	1					#8 Lock Washer
8X-305	1					#8-32x1/4 Rd. Hd. Screw
8X-311	1					#10-32x3/8 Rd. Hd. Screw
X-195	2					#8 Lock Washer
X-199	1					1/4 Lock Washer
8X-305	2					#8-32x1/4 Rd. Hd. Screw
X-489	1					1/4 Oiler - Press in Type
X-544	3					#10 Lock Washer
X-867	1					Ball Bearing
8X-870	3					#10-32x5/16 F111. Hd. Screw
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GEM-21	1					Armature Shaft Nut
GBY-2006F	1					Armature Assembly
SP-233	1					Drive Pulley
X-263	1					#8 Woodruff Key
X-864	1					.669 Lock Washer

Drive End Head Assembly & Parts Used With

GBY-1040	1					Drive End Head Assy.
GAB-188	2					Felt Washer
GAR-179	2					Felt Guard
GBY-27	2					Bearing Retainer
GBY-40	1					Drive End Head
8X-173	3					#10-32 Hex. Nut
X-196	3					#10 Lock Washer
8X-306	3					#10-32x1 Round Hd. Screw
X-365	1					Ball Brg. - S.A.E. #303
X-489	1					1/4 Oiler - Press in Type

Miscellaneous Parts

GBC-2039B	1					Head Band Assembly
GBY-37	1					Mounting Bracket
TC-4306A	1					Two Charge Regulator
8X-41	1					#10-32x1 1/8 F111. Hd. Sc.
X-196	4					#10 Lock Washer
8X-321	4					#10-32x5/16 Rd. Hd. Screw
X-404	2					3/32x1 Cotter Pin
X-540	2					3/8 Lock Washer
X-1488	2					3/8-24x1 3/8 Hex. Hd. Screw
X-1490	2					3/8-24 Castellated Nut
		1	2	3	4	5

(Issued 12-28-36)

† Service Brush Set GBY-2012S.

Printed in U. S. A.

File in
Equipment & Parts Lists Binder

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCB-4601 GENERATOR PARTS LIST

GCB-4601

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GCB-20	2	Frame	Screw			
GCB-33	1	Mounting	Bracket			
(GCB-2001)	1	Frame & Field	Assy.			
GAA-32	1	Terminal	Post Top Ins.			
GAL-44	1	Field	Connection Ins.			
GBW-34	1	Insulating	Washer			
GBW-58	1	Terminal	Post			
GBW-66	1	Terminal	Post Bottom Ins.			
GBW-67	1	Terminal	Post Ins.			
GBY-38	4	Pole	Piece Screw			
GCB-29	2	Pole	Piece			
GCB-1005	1	Field	Coil Assy. - Comp.			
GCB-1007	1	Field	Coil Assy. - Left			
GCE-26	1	Control	Lead			
GCE-34	1	Terminal	Post			
X-847	1	Terminal				
IG-821	1	Terminal				
GCB-1008	1	Field	Coil - Right			
GCT-25	1	Insulating	Bushing			
GCT-25	1	Insulating	Bushing			
MN-21	2	Dowel	Pin			
8X-177	1	#14-24	Hex. Nut			
12X-193	1	#14	Lock Washer			
12X-196	1	#10	Lock Washer			
8X-349	1	#10	Plain Washer			
8X-361	1	1/4	Plain Washer			
8X-1377	1	#10-32	Hex. Nut			
8X-177	1	#14-24	Hex. Nut			
12X-193	1	#14	Lock Washer			
12X-196	2	#10	Lock Washer			
X-201	4	3/8	Lock Washer			
X-203	2	5/16	Lock Washer			
8X-321	1	#10-32x5/16	Rd. Hd. Screw			
X-465	4	3/8-24x3/4	Hex. Hd. Screw			
8X-1377	1	#10-32	Hex. Nut			

Comm. End Plate Assy. & Parts Used With

DA-22	1	Bearing	Retaining Washer			
DA-39	1	Flat	Oil Guard			
DA-60	1	Bearing	Retaining Screw			
DH-7	1	Felt	Washer			
GBJ-25	1	End	Cap Cover Gasket			
GBJ-32	1	Comm.	End Cap Cover			
(GCE-2047)	1	Comm.	End Plate Assy.			
GCE-1012†	2	Brush	- Main			
X-195	1	#8	Lock Washer			
8X-305	1	#8-32x1/4	Rd. Hd. Screw			
X-195	1	#8	Lock Washer			
X-199	1	1/4	Lock Washer			
X-295	1	Ball	Bearing - S.A.E. #203			
8X-305	1	#8-32x1/4	Rd. Hd. Screw			
X-489	1	1/4	Oiler - Press in Type			
X-544	3	#10	Lock Washer			
X-870	3	#10-32x5/16	Fill. Hd. Screw			
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBM-21	1	Armature	Shaft Nut			
GCB-2006F	1	Armature	Assy.			
SP-218	1	Drive	Pulley			
X-261	1	#6	Woodruff Key			
X-864	1	.669	Lock Washer			

Drive End Head Assy. & Parts Used With						
Part No.	No. Used	Name of Part				
		1	2	3	4	5
GCE-2048	1	Drive	End Head Assy.			
GAU-31	1	Felt	Washer			
GCE-48	1	Drive	End Head			
GG-6	1	Bearing	Retainer			
GK-176	1	Felt	Washer Retainer			
GT-76	1	Felt	Washer Retainer			
GT-78	1	Felt	Washer			
X-196	3	#10	Lock Washer			
X-295	1	Ball	Bearing - S.A.E. #203			
8X-311	3	#10-32x3/8	Rd. Hd. Screw			
X-489	1	1/4	Oiler - Press in Type			

Miscellaneous Parts

GCE-24C	1	Head	Band			
X-715	1	#10-32x1 1/4	Rd. Hd. Screw			
8X-794	1	#10-32	Square Nut			
		1	2	3	4	5

(Issued 11-16-38)

† Service Brush Set ~~GCB-20123~~

NOTE:- VRB-4008B Current-Voltage Regulator is used with but is not a part of this generator.

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File in
Equipment & Parts List Book

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCB-4802,A,B GENERATOR PARTS LIST

GCB-4802,A,B

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GCB-20A	2					Frame Screw
(GCB-2030)	1					Frame & Field Assy.
GAA-32	1					Terminal Post Top Ins.
GAL-44	1					Field Connection Ins.
GBW-34	1					Insulating Washer
GBW-58	1					Terminal Post
GBW-66	1					Terminal Post Bottom Ins.
GBW-67	1					Terminal Post Bottom Ins.
GBY-38A	4					Pole Piece Screw
GCB-29	2					Pole Piece
GCB-1005A	1					Field Coil Assy. - Comp.
GCB-1007A	1					Field Coil Assy.-Left
GCE-26	1					Control Lead
GCE-34	1					Terminal Post
X-847	1					Terminal
IG-821	1					Terminal
GCB-1008	1					Field Coil - Right
GDD-25	1					Insulating Bushing
GDD-26	1					Insulating Bushing
MN-21	2					Dowel Pin
8X-177	1					#14-24 Hex. Nut
12X-193	1					#14 Lock Washer
12X-196	1					#10 Lock Washer
8X-349	1					#10 Plain Washer
8X-361	1					1/4 Plain Washer
8X-1377	1					#10-32 Hex. Nut
8X-177	1					#14-24 Hex. Nut
12X-193	1					#14 Lock Washer
12X-196	2					#10 Lock Washer
12X-203	2					5/16 Lock Washer
8X-321	1					#10-32x5/16 Rd. Hd. Screw
8X-1377	1					#10-32 Hex. Nut

Comm. End Plate Assy. & Parts Used With

DA-22	1	Bearing Retaining Washer
DA-39	1	Flat Oil Guard
DA-60	1	Bearing Retaining Screw
DE-7	1	Felt Washer
GBJ-25	1	End Cap Cover Gasket
GBJ-32A	1	Comm. End Cap Cover
(GCE-2002)	1	Comm. End Plate Assy.
GCE-53	2	Brush Spring
GCE-54	2	Brush Arm
GCE-1012‡	2	Brush - Main
X-195	1	#8 Lock Washer
8X-305	1	#8-32x1/4 Rd. Hd. Sc.
X-195	1	#8 Lock Washer
X-199	1	1/4 Lock Washer
X-295	1	Ball Bearing - S.A.E. #203
8X-305	1	#8-32x1/4 Rd. Hd. Screw
X-489	1	1/4 Oiler - Press in Type
12X-544	3	#10 Lock Washer
8X-870	3	#10-32x5/16 Fill. Hd. Screw
		1 2 3 4 5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBM-21	1					Armature Shaft Nut
GCB-2006F	1					Armature Assy.
*	1					Drive Pulley
X-261	1					#6 Woodruff Key
X-864	1					.669 Lock Washer

Drive End Head Assy. & Parts Used With						
GCE-1003	1					Drive End Head Assy.
GAU-31	1					Felt Washer
GCE-3	1					Drive End Head
GG-6	1					Bearing Retainer
GK-176	1					Felt Washer Retainer
GT-76	1					Felt Washer Retainer
GT-78	1					Felt Washer
X-196	3					#10 Lock Washer
X-295	1					Ball Bearing - S.A.E. #203
8X-311	3					#10-32x3/8 Rd. Hd. Screw
X-489	1					1/4 Oiler - Press in Type

Miscellaneous Parts

GCE-24	1	Head Band
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw
8X-794	1	#10-32 Square Nut
		1 2 3 4 5

(Issued 11-16-38)

Assy. No.	Drive Pulley
GCB-4802	None
GCB-4802A	SP-232
GCB-4802B	SP-231

NOTE:- VRB-4009A Current-Voltage Regulator is used with but is not a part of this generator.

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

‡ Service Brush Set GCE-2012S.

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File in
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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCB-4803A,B GENERATOR PARTS LIST

GCB-4803A,B

PRELIMINARY

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GCB-20	2	Frame Screw				
(GCB-2047)	1	Frame & Field Assembly				
GAA-32	1	Terminal Post Top Ins.				
GAL-44	1	Field Connection Ins.				
GAL-148	1	Aligning Dowel				
GBW-34	1	Insulating Washer				
GBW-66	1	Terminal Post Bottom Ins.				
GBW-67	1	Terminal Post Bottom Ins.				
GBY-38	4	Pole Piece Screw				
GCB-29	2	Pole Piece				
GCB-1005A	1	FIELD COIL ASSY.- Comp.				
GBW-58	1	Terminal Post				
GCB-1007A	1	Field Coil Assy.-Left				
GCE-26	1	Control Lead				
GCE-34	1	Terminal Post				
X-847	1	Terminal				
IG-821	1	Terminal				
GCB-1008	1	Field Coil - Right				
GCT-25	1	Insulating Bushing				
GCY-25	1	Insulating Bushing				
MN-21	2	Dowel Pin				
8X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	1	#10 Lock Washer				
8X-349	1	#10 Plain Washer				
8X-361	1	1/4 Plain Washer				
8X-1377	1	#10-32 Hex. Nut				
8X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	2	#10 Lock Washer				
X-203	2	5/16 Lock Washer				
8X-321	1	#10-32x5/16 Rd. Hd. Screw				
8X-1377	1	#10-32 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

DA-39	2	Flat Oil Guard				
DA-132	1	Felt Washer				
DH-7	1	Felt Washer				
GAR-83A	1	Comm. End Cap Cover				
GBJ-25	1	End Cap Cover Gasket				
GCE-2047A	1	Comm. End Plate Assembly				
GCE-53	2	Brush Spring				
GCE-54	2	Brush Arm				
GCE-1012†	2	Brush - Main				
X-195	1	#8 Lock Washer				
8X-305	1	#8-32x1/4 Rd. Hd. Screw				
GJ-320	1	Armature Shaft Nut				
X-195	1	#8 Lock Washer				
X-295	1	BALL BEARING - S.A.E. #203				
8X-305	1	#8-32x1/4 Rd. Hd. Screw				
X-489	1	1/4 Oiler - Press in Type				
X-544	3	#10 Lock Washer				
8X-870	3	#10-32x5/16 Fill. Hd. Screw				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GEM-21	1	Armature Shaft Nut				
GCB-2048F	1	ARMATURE ASSEMBLY				
*	1	Drive Pulley				
X-260	1	#5 Woodruff Key				
X-864	1	.669 Lock Washer				

Drive End Head Assembly & Parts Used With

GCE-2048	1	Drive End Head Assembly				
GAU-31	1	Felt Washer				
GCE-48	1	Drive End Head				
GG-6	1	Bearing Retainer				
GK-176	1	Felt Washer Retainer				
GT-76	1	Felt Washer Retainer				
GT-78	1	Felt Washer				
X-196	3	#10 Lock Washer				
X-295	1	BALL BRG.- S.A.E. #203				
8X-311	3	#10-32x3/8 Rd. Hd. Screw				
X-489	1	1/4 Oiler - Press in Type				

Miscellaneous Parts

GCE-24C	1	Head Band				
X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 7-2-41)

Assembly No.	Drive Pulley
GCB-4803A	SP-236
GCB-4803B	SP-240

† SERVICE BRUSH SET GCE-2012S.

NOTE:- VRP-4006B CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

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

UNIT	APPLICATION
GCB-4803A,B	Brockway

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1

2

3

4

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCB-4804 GENERATOR PARTS LIST

GCB-4804

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
GCB-20	2	Frame Screw					
(GCB-2049)	1	Frame & Field Assembly					
GAA-32	1	Terminal Post Top Ins.					
GAL-44	1	Field Connection Ins.					
GBW-34	1	Insulating Washer					
GBW-58	1	Terminal Post					
GBW-66	1	Terminal Post Bottom Ins.					
GBW-67	1	Terminal Post Bottom Ins.					
GBY-38	4	Pole Piece Screw					
GCB-29	2	Pole Piece					
GCB-1005A	1	FIELD COIL ASSY.-COMP.					
GCB-1007A	1	Field Coil Assy.-Left					
GCE-26	1	Control Lead					
GCE-34	1	Terminal Post					
X-847	1	Terminal					
IG-821	1	Terminal					
GCB-1008	1	Field Coil - Right					
GCE-60S	1	Mounting Bracket					
GCT-25	1	Insulating Bushing					
GCT-25	1	Insulating Bushing					
MN-21	2	Dowel Pin					
8X-113	2	5/16-24x5/8 Hex. Hd. Sc.					
8X-177	1	#14-24 Hex. Nut					
X-193	1	#14 Lock Washer					
X-196	1	#10 Lock Washer					
8X-349	1	#10 Plain Washer					
8X-361	1	1/4 Plain Washer					
X-1014	2	5/16 Lock Washer					
8X-1377	1	#10-32 Hex. Nut					
8X-177	1	#14-24 Hex. Nut					
X-193	1	#14 Lock Washer					
X-196	2	#10 Lock Washer					
X-203	2	5/16 Lock Washer					
8X-321	1	#10-32x5/16 Rd. Hd. Screw					
8X-1377	1	#10-32 Hex. Nut					

Comm. End Plate Assembly & Parts Used With

DA-39	2	Flat Oil Guard					
DA-132	1	Felt Washer					
DH-7	1	Felt Washer					
GAR-83	1	Comm. End Cap Cover					
GBJ-25	1	End Cap Cover Gasket					
GCE-55	1	Air Deflector					
GCE-2050	1	Comm. End Plate Assembly					
GCE-53	2	Brush Spring					
GCE-54	2	Brush Arm					
GCE-1012†	2	Brush - Main					
X-195	1	#8 Lock Washer					
8X-305	1	#8-32x1/4 Rd. Hd. Screw					
8X-62	6	#10-32x3/8 Flat Hd. Screw					
X-195	1	#8 Lock Washer					
X-295	1	BALL BEARING - S.A.E. #203					
8X-305	1	#8-32x1/4 Rd. Hd. Screw					
X-489	1	1/4 Oiler - Press in Type					
			1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
DA-70	1	Armature Shaft Nut					
GBM-21	1	Armature Shaft Nut					
GCB-2050F	1	ARMATURE ASSEMBLY					
SP-230	1	Ventilating Fan					
X-160	1	7/16-20 Hex. Nut					
X-205	1	7/16 Lock Washer					
X-258	1	#3 Woodruff Key					
X-261	1	#6 Woodruff Key					
X-864	1	.669 Lock Washer					

Drive End Head Assembly & Parts Used With

GCE-2048	1	Drive End Head Assembly					
GAU-31	1	Felt Washer					
GCE-48	1	Drive End Head					
GG-6	1	Bearing Retainer					
GK-176	1	Felt Washer Retainer					
GT-76	1	Felt Washer Retainer					
GT-78	1	Felt Washer					
X-196	3	#10 Lock Washer					
X-295	1	BALL BEARING - S.A.E.#203					
8X-311	3	#10-32x3/8 Rd. Hd. Screw					
X-489	1	1/4 Oiler - Press in Type					

Miscellaneous Parts

GCE-24C	1	Head Band					
X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
8X-794	1	#10-32 Square Nut					
			1	2	3	4	5

(Issued 5-10-39)

NOTE:- VRB-4008B CURRENT VOLTAGE REGULATOR is used with but is not a part of this generator.

† SERVICE BRUSH SET GCE-2012S.

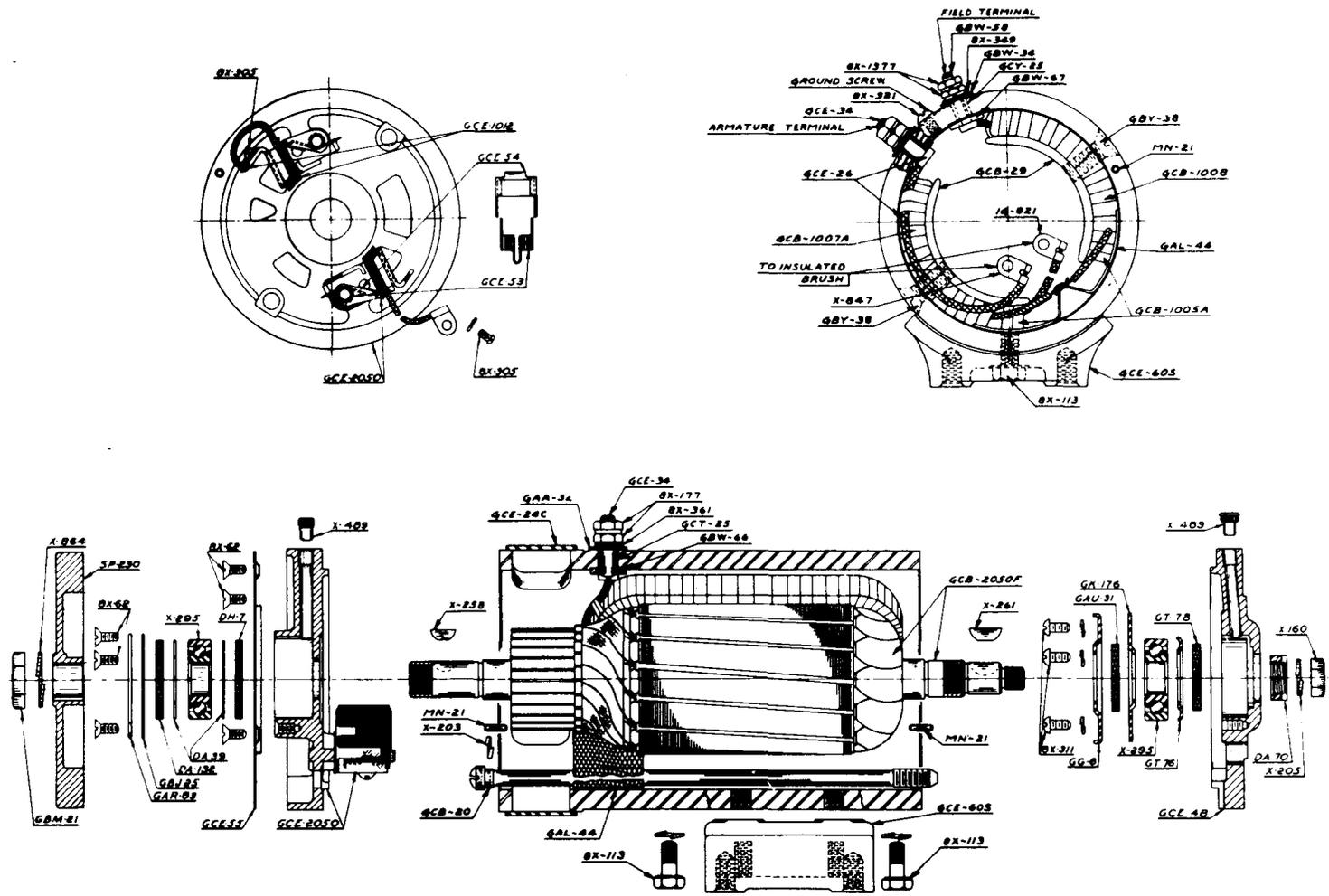
UNIT	APPLICATION
GCB-4804	Brockway

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GCB-4804 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCB-4805 GENERATOR PARTS LIST

GCB-4805

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
GCB-20	2	Frame Screw					
(GCB-2051)	1	Frame & Field Assembly					
GAA-32	1	Terminal Post Top Ins.					
GAL-44	1	Field Connection Ins.					
GBW-34	1	Insulating Washer					
GBW-58	1	Terminal Post					
GBW-66	1	Terminal Post Bottom Ins.					
GBW-67	1	Terminal Post Bottom Ins.					
GBY-38	4	Pole Piece Screw					
GCB-29	2	Pole Piece					
GCB-1005A	1	FIELD COIL ASSY.-COMP.					
GCB-1007A	1	Field Coil Assy.-Left					
GCE-26	1	Control Lead					
GCE-34	1	Terminal Post					
X-847	1	Terminal					
IG-821	1	Terminal					
GCB-1008	1	Field Coil - Right					
GDL-25	1	Insulating Bushing					
GDD-26	1	Insulating Bushing					
MN-21	2	Dowel Pin					
8X-177	1	#14-24 Hex. Nut					
X-193	1	#14 Lock Washer					
X-196	1	#10 Lock Washer					
8X-349	1	#10 Plain Washer					
8X-361	1	1/4 Plain Washer					
8X-1377	1	#10-32 Hex. Nut					
8X-177	1	#14-24 Hex. Nut					
X-193	1	#14 Lock Washer					
X-196	2	#10 Lock Washer					
X-203	2	5/16 Lock Washer					
8X-321	1	#10-32x5/16 Rd. Hd. Screw					
8X-1377	1	#10-32 Hex. Nut					

Comm. End Plate Assembly & Parts Used With

DA-39	2	Flat Oil Guard					
DA-132	1	Felt Washer					
DH-7	1	Felt Washer					
GAR-83	1	Comm. End Cap Cover					
GBJ-25	1	End Cap Cover Gasket					
GCE-55	1	Air Deflector					
GCE-2050	1	Comm. End Plate Assembly					
GCE-53	2	Brush Spring					
GCE-54	2	Brush Arm					
GCE-1012†	2	Brush - Main					
X-195	1	#8 Lock Washer					
8X-305	1	#8-32x1/4 Rd. Hd. Screw					
8X-62	6	#10-32x3/8 Flat Hd. Screw					
X-195	1	#8 Lock Washer					
X-295	1	BALL BEARING - S.A.E. #203					
8X-305	1	#8-32x1/4 Rd. Hd. Screw					
X-469	1	1/4 Oiler - Press in Type					
			1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
DG-73	1	Armature Shaft Sleeve					
DG-75	1	Bearing Spacer					
GBM-21	1	Armature Shaft Nut					
GCB-2052F	1	ARMATURE ASSEMBLY					
SP-230	1	Ventilating Fan					
X-258	1	#3 Woodruff Key					
X-864	1	.669 Lock Washer					

<u>Drive End Head Assembly & Parts Used With</u>							
GCE-1064	1	Drive End Head Assembly					
DG-72	2	Felt Guard - With Oil Well					
DG-74	2	Bearing Retainer					
G-118	2	Felt Washer					
GCE-64	1	Drive End Head					
8X-173	3	#10-32 Hex. Nut					
X-196	3	#10 Lock Washer					
X-300	1	BALL BEARING - S.A.E. #205					
8X-306	3	#10-32x1 Rd. Hd. Screw					
X-339	1	1/4 Oiler - Press in Type					

Miscellaneous Parts

GCE-24C	1	Head Band					
X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
8X-794	1	#10-32 Square Nut					
			1	2	3	4	5

(Issued 5-10-39)

NOTE:- VRB-4008B CURRENT VOLTAGE REGULATOR is used with but is not a part of this generator.

† SERVICE BRUSH SET GCE-2012S.

UNIT	APPLICATION
GCB-4805	Brockway

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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

GCB-4806 GENERATOR PARTS LIST

GCB-4806

Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
GCB-20A	2	Frame Screw					GBM-21	1	Armature Shaft Nut				
(GCE-2030)	1	Frame & Field Assy.					GCB-2006F	1	Armature Assembly				
GAA-32	1	Term. Post Top Ins.					GJ-104	1	Armature Shaft Spacer				
GAL-44	1	Field Connection Ins.					X-261	1	#6 Woodruff Key				
GEN-34	1	Insulating Washer					X-864	1	.669 Lock Washer				
GPW-58	1	Terminal Post					<u>Drive End Head Assembly & Parts Used With</u>						
GBY-38A	4	Pole Piece Screw					GCE-1003	1	Drive End Head Assembly				
GCB-29	2	Pole Piece					GAU-31	1	Felt Washer				
GCB-1005A	1	Field Coil Assy. - Comp.					CCE-3	1	Drive End Head				
GCB-1007A	1	Field Coil Assy. - Left					GG-6	1	Bearing Retainer				
GCE-26	1	Control Lead					GK-176	1	Felt Washer Retainer				
GCE-34	1	Terminal Post					GT-76	1	Felt Washer Retainer				
X-847	1	Terminal					GT-78	1	Felt Washer				
IG-321	1	Terminal					X-196	3	#10 Lock Washer				
GCE-1008	1	Field Coil - Right					X-295	1	Ball Erg. - S.A.E. #203				
GCE-28	1	Term. Post Bottom Ins.					8X-311	3	#10-32x5/8 Rd. Hd. Sc.				
CED-25	1	Insulating Bushing					X-489	1	1/4 Oiler - Press in Type				
GCE-25	1	Insulating Bushing					<u>Miscellaneous Parts</u>						
MN-21	2	Dowel Pin					GCE-24	1	Head Band				
8X-177	1	#14-24 Hex. Nut					8X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
12X-193	1	#14 Lock Washer					8X-794	1	#10-32 Square Nut				
12X-196	1	#10 Lock Washer							1	2	3	4	5
8X-349	1	#10 Plain Washer							(Issued 6-23-37)				
8X-361	1	1/4 Plain Washer											
8X-1377	1	#10-32 Hex. Nut											
8X-177	1	#14-24 Hex. Nut											
12X-193	1	#14 Lock Washer											
12X-196	2	#10 Lock Washer											
12X-203	2	5/16 Lock Washer											
8X-321	1	#10-32x5/16 Rd. Hd. Screw											
8X-1377	1	#10-32 Hex. Nut											
<u>Comm. End Plate Assembly & Parts Used With</u>													
DA-22	1	Bearing Retaining Washer											
DA-39	1	Flat Oil Guard											
DA-60	1	Bearing Retaining Screw											
DH-7	1	Felt Washer											
GBJ-25	1	End Cap Cover Gasket											
GBJ-32A	1	Comm. End Cap Cover											
GCE-2002	1	Comm. End Plate Assy.											
GCE-53	2	Brush Spring											
GCE-54	2	Brush Arm											
GCE-1012†	2	Brush - Main											
X-195	1	#8 Lock Washer											
8X-305	1	#8-32x1/4 Rd. Hd. Screw											
X-195	1	#8 Lock Washer											
X-199	1	1/4 Lock Washer											
X-295	1	Ball Erg. - S.A.E. #203											
8X-305	1	#8-32x1/4 Rd. Hd. Screw											
X-489	1	1/4 Oiler - Press in Type											
12X-544	3	#10 Lock Washer											
8X-870	3	#10-32x5/16 Fill. Hd. Screw											
		1	2	3	4	5							

† Service Brush Set GCE-2012S.

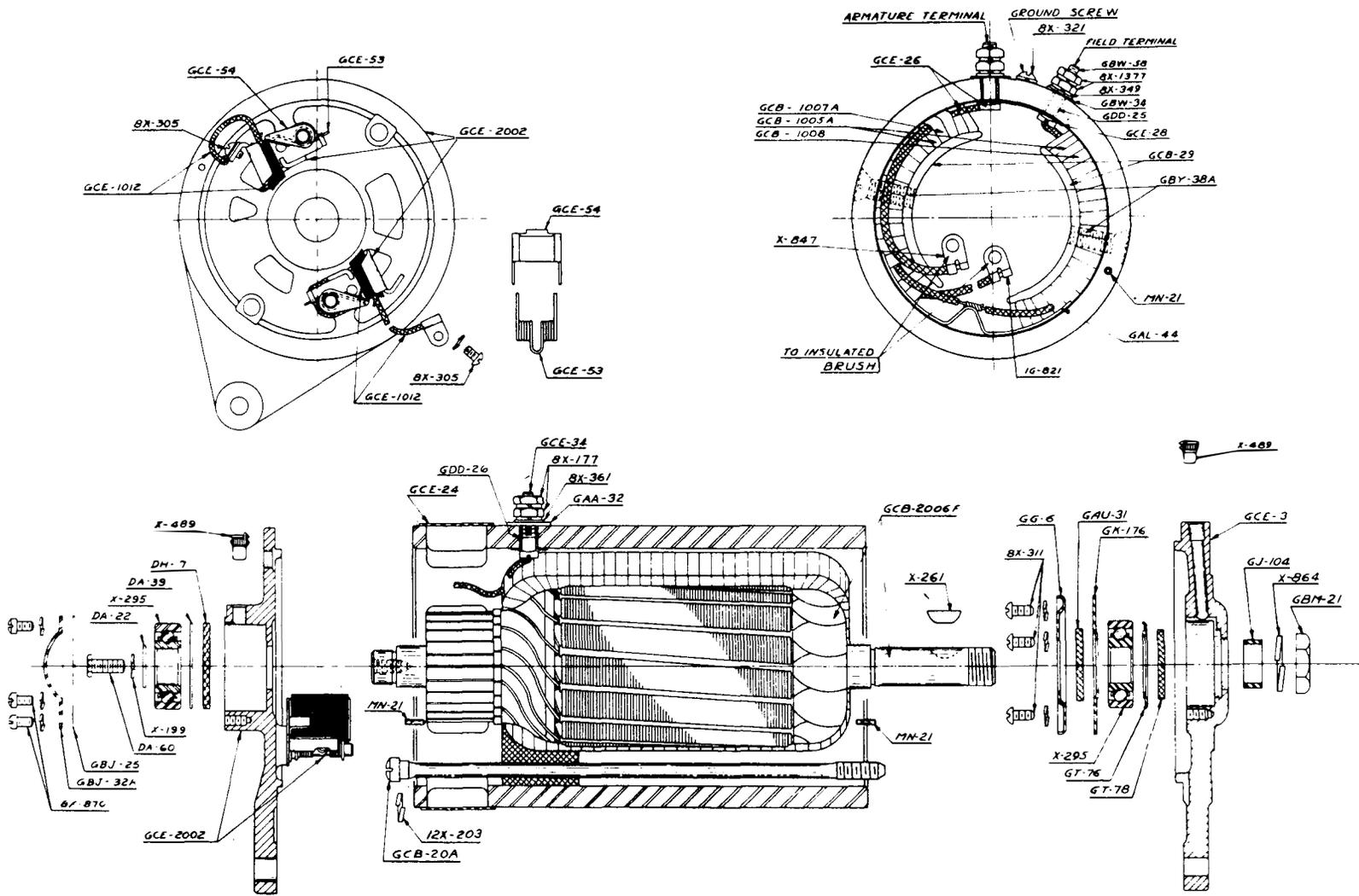
NOTE:- VRB-4008B Current-Voltage Regulator is used with but is not a part of this generator.

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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."

GCB-4806 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCB-4808 GENERATOR PARTS LIST

GCB-4808

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
GCB-20	2	Frame Screw					
(GCB-2054)	1	Frame & Field Assy.					
GAA-32	1	Term. Post Top Ins.					
GAL-44	1	Field Connection Ins.					
GBW-34	1	Insulating Washer					
GBW-58	1	Terminal Post					
GBY-38	4	Pole Piece Screw					
GCB-29	2	Pole Piece					
GCB-55S	1	Mounting Bracket					
GCB-1005A	1	Field Coil Assy. - Comp.					
GCB-1007A	1	Field Coil Assy.-Left					
GCE-26	1	Control Lead					
GCE-34	1	Terminal Post					
X-847	1	Terminal					
IG-321	1	Terminal					
GCB-1008	1	Field Coil-Right					
GCE-28	1	Term. Post Bottom Ins.					
GCT-25	1	Insulating Bushing					
GCT-25	1	Insulating Bushing					
MN-21	2	Dowel Pin					
X-113	4	5/16-24x5/8 Hex. Hd. Sc.					
5X-177	1	#14-24 Hex. Nut					
X-193	1	#14 Lock Washer					
X-196	1	#10 Lock Washer					
X-203	4	5/16 Lock Washer					
8X-349	1	#10 Lock Washer					
8X-361	1	1/4 Plain Washer					
5X-1377	1	#10-32 Hex. Nut					
5X-177	1	#14-24 Hex. Nut					
X-193	1	#14 Lock Washer					
X-196	2	#10 Lock Washer					
X-203	2	5/16 Lock Washer					
8X-321	1	#10-32x5/16 Rd. Hd. Screw					
5X-1377	1	#10-32 Hex. Nut					

Comm. End Plate Assembly & Parts Used With

DA-39	2	Flat Oil Guard					
DA-132	1	Felt Washer					
DH-7	1	Felt Washer					
GAR-83A	1	Comm. End Cap Cover					
GBJ-25	1	End Cap Cover Gasket					
(GCE-2047A)	1	Comm. End Plate Assy.					
GCE-53	2	Brush Spring					
GCE-54	2	Brush Arm					
GCE-1012†	2	Brush - Main					
X-195	1	#8 Lock Washer					
8X-305	1	#8-32x1/4 Rd. Hd. Screw					
GJ-32Q	1	Armature Shaft Nut					
X-195	1	#8 Lock Washer					
X-295	1	Ball Bearing - S.A.E. #203					
8X-305	1	#8-32x1/4 Rd. Hd. Screw					
X-344	3	#10 Lock Washer					
8X-870	3	#10-32x5/16 Fill. Hd. Screw					
			1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
GBM-21	1	Armature Shaft Nut					
GCB-2053F	1	Armature Assembly					
GJ-104	1	Armature Shaft Spacer					
X-260	1	#5 Woodruff Key					
X-864	1	.669 Lock Washer					

Drive End Head Assembly & Parts Used With

GCE-2048	1	Drive End Head Assy.					
GAU-31	1	Felt Washer					
GCE-48	1	Drive End Head					
GG-6	1	Bearing Retainer					
GK-176	1	Felt Washer Retainer					
GT-76	1	Felt Washer Retainer					
GT-78	1	Felt Washer					
X-196	3	#10 Lock Washer					
X-295	1	Ball Brg. - S.A.E. #203					
8X-311	3	#10-32x3/8 Rd. Hd. Sc.					
X-489	1	1/4 Oiler - Press in Type					

Miscellaneous Parts

GCE-24C	1	Head Band					
X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
8X-794	1	#10-32 Square Nut					
			1	2	3	4	5

(Issued 6-23-37)

* Service Brush Set GCE-2012S.

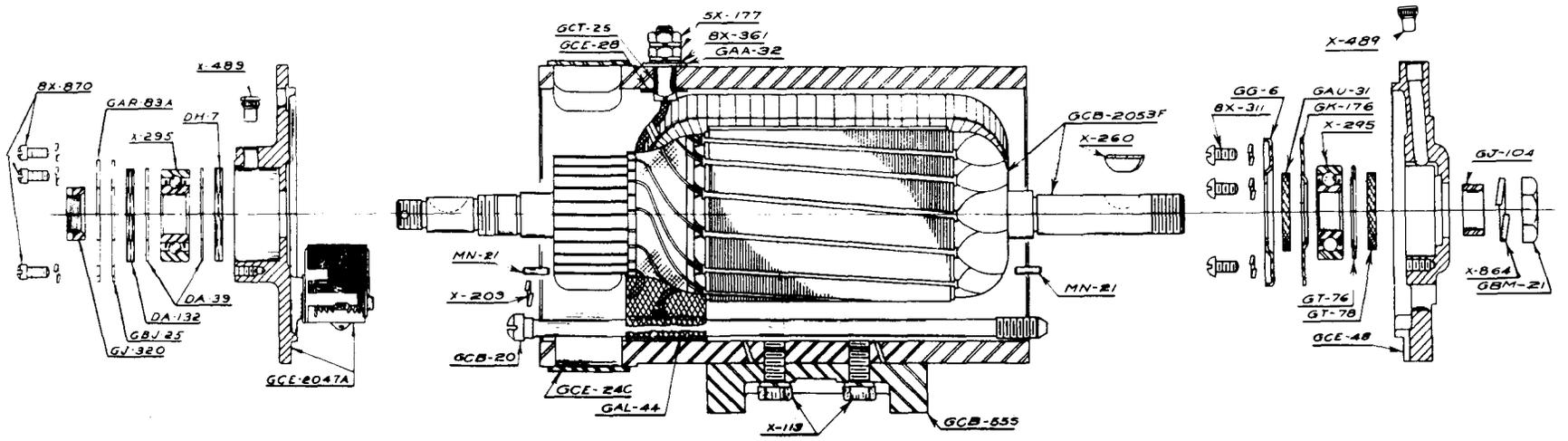
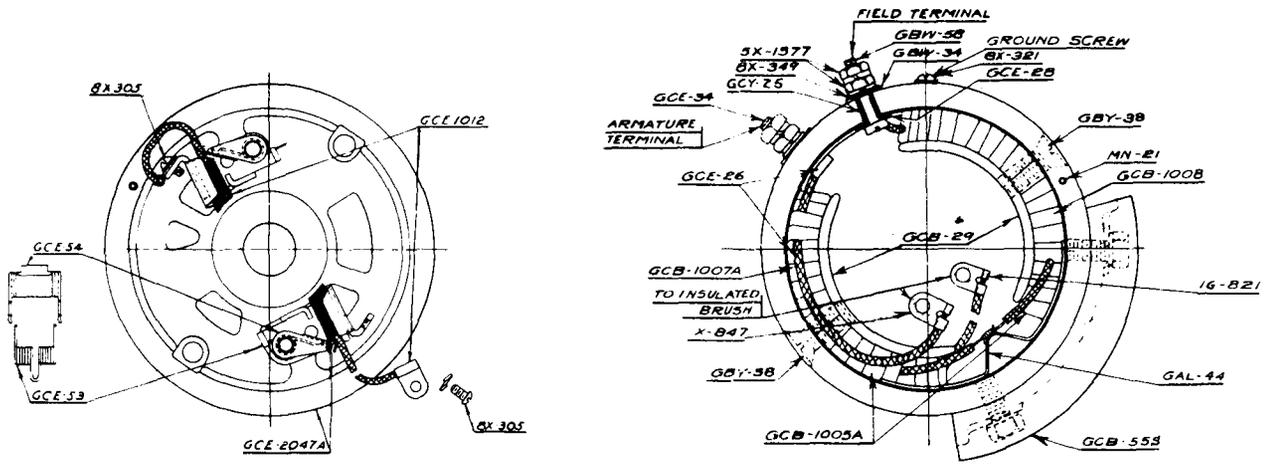
NOTE:- VRB-4008B Current-Voltage Regulator used with but not a part of this generator.

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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."

GCB-4808 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCB-4809A GENERATOR PARTS LIST

GCB-4809A

Frame & Field Assembly & Parts Used With						Armature Assembly & Parts Used With								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
GCB-20	2	Frame Screw					GBM-21	1	Armature Shaft Nut					
(GCB-2030A)	1	Frame & Field Assy.					GCB-2006F	1	Armature Assembly					
GAA-32	1	Term. Post Top Ins.					SP-267	1	Drive Pulley					
GAL-44	1	Field Connection Ins.					X-261	1	#6 Woodruff Key					
GBW-34	1	Insulating Washer					X-364	1	.669 Lock Washer					
GBW-58	1	Terminal Post					<u>Drive End Head Assembly & Parts Used With</u>							
GBY-38	4	Pole Piece Screw					GCE-1003D	1	Drive End Head Assy.					
GCB-29	2	Pole Piece					GAU-31	1	Felt Washer					
GCB-1005A	1	Field Coil Assy. - Comp.					GCE-3D	1	Drive End Head					
GCB-1007A	1	Field Coil Assy.-Left					GG-6	1	Bearing Retainer					
GCE-26	1	Control Lead					GK-176	1	Felt Washer Retainer					
GCE-34	1	Terminal Post					GT-76	1	Felt Washer Retainer					
X-347	1	Terminal					GT-78	1	Felt Washer					
IG-821	1	Terminal					X-196	3	#10 Lock Washer					
GCB-1008	1	Field Coil - Right					X-295	1	Ball Brg. - S.A.E. #203					
GCE-28	1	Term. Post Bottom Ins.					8X-311	3	#10-32x3/8 Rd. Hd. Screw					
GDD-25	1	Insulating Bushing					X-489	1	1/4 Oiler - Press in Type					
GDD-26	1	Insulating Bushing					<u>Miscellaneous Parts</u>							
MN-21	2	Dowel Pin					GCE-24C	1	Head Band					
5X-177	1	#14-24 Hex. Nut					X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
X-193	1	#14 Lock Washer					8X-794	1	#10-32 Square Nut					
X-196	1	#10 Lock Washer							1	2	3	4	5	
8X-349	1	#10 Plain Washer												
8X-361	1	1/4 Plain Washer												
5X-1377	1	#10-32 Hex. Nut												
5X-177	1	#14-24 Hex. Nut												
X-193	1	#14 Lock Washer												
X-196	2	#10 Lock Washer												
X-203	2	5/16 Lock Washer												
8X-321	1	#10-32x5/16 Rd. Hd. Screw												
5X-1377	1	#10-32 Hex. Nut												
<u>Comm. End Plate Assembly & Parts Used With</u>														
DA-22	1	Bearing Retaining Washer												
DA-39	1	Flat Oil Guard												
DA-60	1	Bearing Retaining Screw												
DH-7	1	Felt Washer												
GBJ-25	1	End Cap Cover Gasket												
GBJ-32	1	Comm. End Cap Cover												
(GCE-2002C)	1	Comm. End Plate Assy.												
GCE-53	2	Brush Spring												
GCE-54	2	Brush Arm												
GCE-1012‡	2	Brush - Main												
X-195	1	#8 Lock Washer												
8X-305	1	#8-32x1/4 Rd. Hd. Screw												
X-195	1	#8 Lock Washer												
X-199	1	1/4 Lock Washer												
X-295	1	Ball Brg. - S.A.E. #203												
8X-305	1	#8-32x1/4 Rd. Hd. Screw												
X-489	1	1/4 Oiler - Press in Type												
X-544	3	#10 Lock Washer												
8X-870	3	#10-32x5/16 Fill. Hd. Screw												
		1	2	3	4	5								

(Issued 6-23-37)

‡ Service Brush Set GCE-2012S.

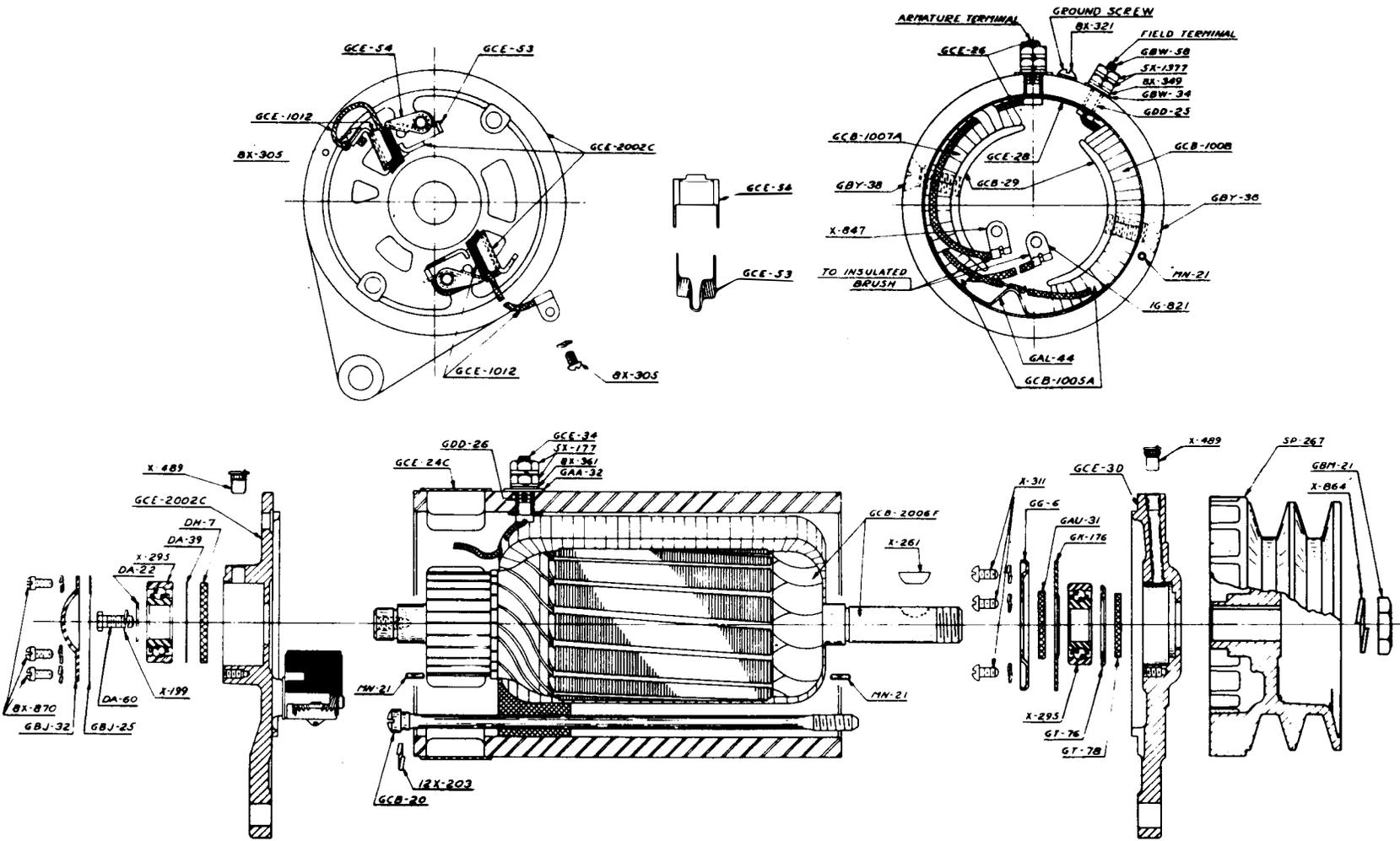
NOTE:-VRB-4008B Current-Voltage Regulator used with but not a part of this generator.

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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."

GCB-4809A GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCB-4810,A GENERATOR PARTS LIST

GCB-4810,A

Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
GCB-20A	2	Frame Screw					GBM-21	1	Armature Shaft Nut				
(GCB-2030)	1	Frame & Field Assy.					GCB-2059F	1	Armature Assembly				
GAA-32	1	Term. Post Top Ins.					*	1	Drive Pulley				
GAL-44	1	Field Connection Ins.					X-263	1	#8 Woodruff Key				
GBW-34	1	Insulating Washer					X-864	1	.669 Lock Washer				
GBW-58	1	Terminal Post					<u>Drive End Head Assembly & Parts Used With</u>						
GBW-66	1	Term. Post Bottom Ins.					GCE-1082	1	Drive End Head Assy.				
GBW-67	1	Term. Post Bottom Ins.					GAR-178	2	Bearing Retainer				
GBY-38A	4	Pole Piece Screw					GAR-179	2	Felt Guard				
GCB-29	2	Pole Piece					GCE-82	1	Drive End Head				
GCB-1005A	1	Field Coil Assy. - Comp.					GJ-147	2	Felt Washer				
GCB-1007A	1	Field Coil Assy.-Left					8X-173	3	#10-32 Hex. Nut				
GCE-26	1	Control Lead					X-196	3	#10 Lock Washer				
GCE-34	1	Terminal Post					X-298	1	Ball Brg. - S.A.E. #204				
X-847	1	Terminal					8X-306	3	#10-32x1 Rd. Hd. Screw				
IG-821	1	Terminal					X-489	1	1/4 Oiler - Press in Type				
GCB-1008	1	Field Coil - Right					<u>Miscellaneous Parts</u>						
GDD-25	1	Insulating Bushing					GCE-24	1	Head Band				
GDD-26	1	Insulating Bushing					8X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
MN-21	2	Dowel Pin					8X-794	1	#10-32 Square Nut				
8X-177	1	#14-24 Hex. Nut							1	2	3	4	5
12X-193	1	#14 Lock Washer					(Issued 12/9/38)						
12X-196	1	#10 Lock Washer											
8X-349	1	#10 Plain Washer											
8X-361	1	1/4 Plain Washer											
8X-1377	1	#10-32 Hex. Nut											
8X-177	1	#14-24 Hex. Nut											
12X-193	1	#14 Lock Washer											
12X-196	2	#10 Lock Washer											
12X-203	2	5/16 Lock Washer											
8X-321	1	#10-32x5/16 Rd. Hd. Screw											
8X-1377	1	#10-32 Hex. Nut											
<u>Comm. End Plate Assembly & Parts Used With</u>													
DA-22	1	Bearing Retaining Washer											
DA-39	1	Flat Oil Guard											
DA-60	1	Bearing Retaining Screw											
DH-7	1	Felt Washer											
GBJ-25	1	End Cap Cover Gasket											
GBJ-32A	1	Comm. End Cap Cover											
GCE-2002	1	Comm. End Plate Assy.											
GCE-53	2	Brush Spring											
GCE-54	2	Brush Arm											
GCE-1012†	2	Brush - Main											
X-195	1	#8 Lock Washer											
8X-305	1	#8-32x1/4 Rd. Hd. Sc.											
X-195	1	#8 Lock Washer											
X-199	1	1/4 Lock Washer											
X-295	1	Ball Brg. - S.A.E. #203											
8X-305	1	#8-32x1/4 Rd. Hd. Screw											
X-489	1	1/4 Oiler - Press in Type											
12X-544	3	#10 Lock Washer											
8X-870	3	#10-32x5/16 Fill. Hd. Sc.											
		1	2	3	4	5							

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

NOTE:- VRB-4009A Current-Voltage Regulator is used with but is not a part of this generator.

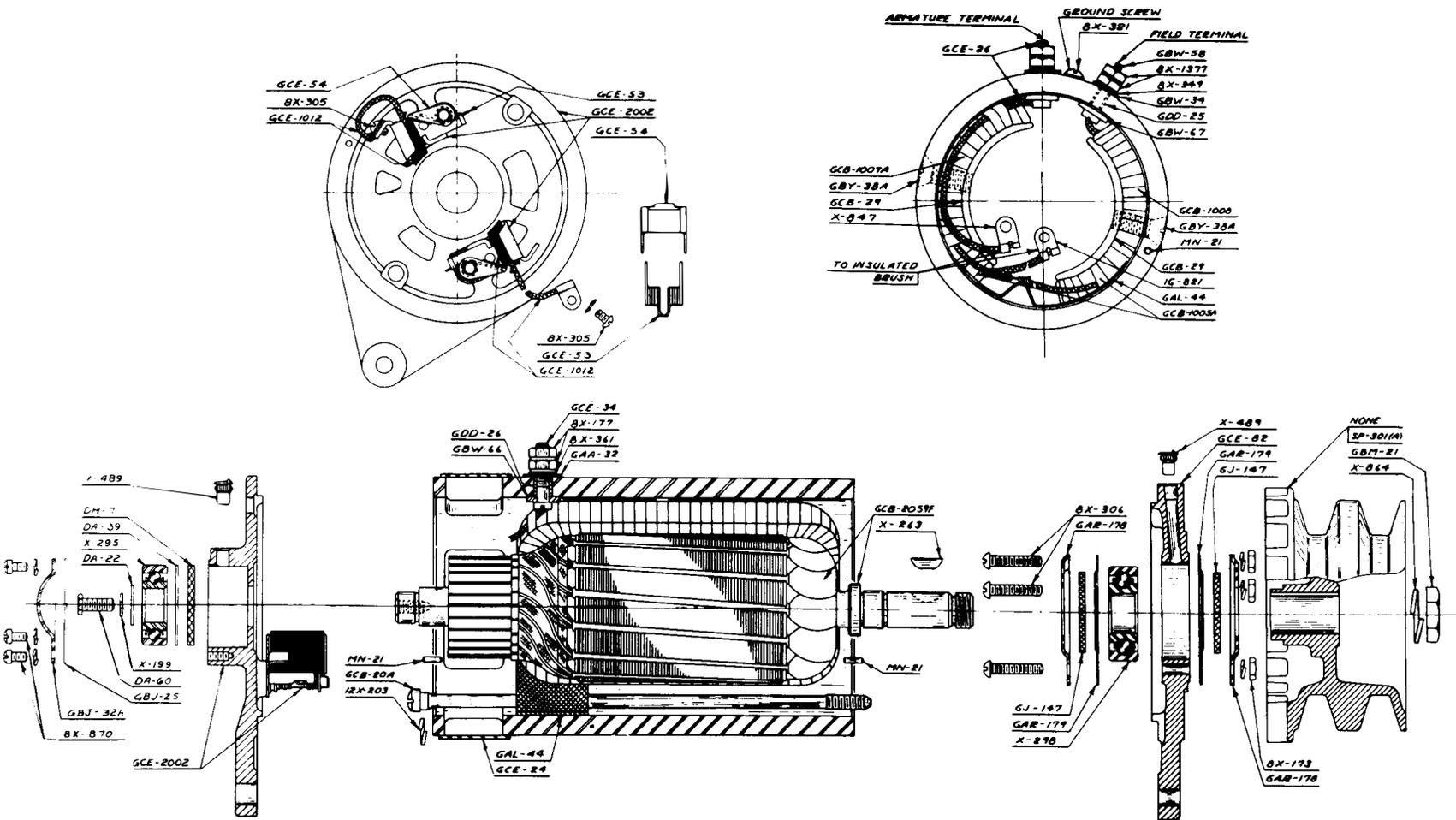
† Service Brush Set GCE-2012S.

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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."

GCB-4810.A GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCB-4811,A GENERATOR PARTS LIST

GCB-4811,A

PRELIMINARY

Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With									
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
GCB-20A	2	Frame Screw					GBM-21	1	Armature Shaft Nut					
(GCB-3056)	1	Frame & Field Assembly					GCB-2006F	1	ARMATURE ASSEMBLY					
GAA-32	1	Terminal Post Top Ins.					*	1	Drive Pulley					
GAL-44	1	Field Connection Ins.					X-261	1	#6 Woodruff Key					
GBW-34	1	Insulating Washer					X-864	1	.669 Lock Washer					
GBW-66	1	Term. Post Bottom Ins.					<u>Drive End Head Assembly & Parts Used With</u>							
GBW-67	1	Term. Post Bottom Ins.					GCE-1003	1	Drive End Head Assembly					
GBY-38A	4	Pole Piece Screw					GAU-31	1	Felt Washer					
GCB-29	2	Pole Piece					GCE-3	1	Drive End Head					
GCB-2005	1	FIELD COIL ASSY.- Comp.					GG-6	1	Bearing Retainer					
GBW-58	1	Terminal Post					GK-176	1	Felt Washer Retainer					
GCB-1007B	1	Field Coil Assy.-Left					GT-76	1	Felt Washer Retainer					
GCE-26	1	Control Lead					GT-78	1	Felt Washer					
GCE-34	1	Terminal Post					X-196	3	#10 Lock Washer					
X-847	1	Terminal					X-295	1	BALL BRG. - S.A.E. #203					
GCB-1008A	1	Field Coil Assy.-Right					8X-311	3	#10-32x3/8 Rd. Hd. Sc.					
IG-821	1	Terminal					X-489	1	1/4 Oiler - Press in Type					
GCT-25	1	Insulating Bushing					<u>Miscellaneous Parts</u>							
GCY-25	1	Insulating Bushing					GCE-24	1	Head Band					
MN-21	2	Dowel Pin					8X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
8X-177	1	#14-24 Hex. Nut					8X-794	1	#10-32 Square Nut					
12X-193	1	#14 Lock Washer							1	2	3	4	5	
12X-196	1	#10 Lock Washer					(Issued 5-16-41)							
8X-349	1	#10 Plain Washer					Assembly							
8X-361	1	1/4 Plain Washer					No.							
8X-1377	1	#10-32 Hex. Nut					GCB-4811	Drive						
8X-177	1	#14-24 Hex. Nut					GCB-4811A	Pulley						
12X-193	1	#14 Lock Washer												
12X-196	2	#10 Lock Washer												
12X-203	2	5/16 Lock Washer												
8X-321	1	#10-32x5/16 Rd. Hd. Screw												
8X-1377	1	#10-32 Hex. Nut												
<u>Comm. End Plate Assembly & Parts Used With</u>														
DA-22	1	Bearing Retaining Washer												
DA-39	1	Flat Oil Guard												
DA-60	1	Bearing Retaining Screw												
DH-7	1	Felt Washer												
GBJ-25	1	End Cap Cover Gasket												
GBJ-32A	1	Comm. End Cap Cover												
GCB-3076	1	Comm. End Plate Assembly												
GCE-53	2	Brush Spring												
GCE-54	2	Brush Arm												
GCE-1012†	2	Brush - Main												
X-195	1	#8 Lock Washer												
8X-305	1	#8-32x1/4 Rd. Hd. Screw												
X-195	1	#8 Lock Washer												
X-199	1	1/4 Lock Washer												
X-295	1	BALL BEARING - S.A.E. #203												
8X-305	1	#8-32x1/4 Rd. Hd. Screw												
X-489	1	1/4 Oiler - Press in Type												
12X-544	3	#10 Lock Washer												
8X-870	3	#10-32x5/16 Fill. Hd. Screw												
		1	2	3	4	5								

† SERVICE BRUSH SET GCE-2012S.

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

NOTE:- VRP-4001E CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

UNIT	APPLICATION
GCB-4811,A	Chrysler Marine

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File in
Equipment & Parts List Binder

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



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCB-4814A GENERATOR PARTS LIST

GCB-4814A

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GCB-20	2					Frame Screw
GCB-67	1					Mounting Bracket
(GCB-2030A)	1					Frame & Field Assy.
GAA-32	1					Term. Post Top Ins.
GAL-44	1					Field Connection Ins.
GBW-34	1					Insulating Washer
GBW-58	1					Terminal Post
GBW-66	1					Term. Post Bottom Ins.
GBW-67	1					Term. Post Bottom Ins.
GBY-38	4					Pole Piece Screw
GCB-29	2					Pole Piece
GCB-1005A	1					FIELD COIL ASSY.-COMP.
GCB-1007A	1					Field Coil Assy.-Left
GCE-26	1					Control Lead
GCE-34	1					Terminal Post
X-847	1					Terminal
IG-821	1					Terminal
GCB-1008	1					Field Coil - Right
GDD-25	1					Insulating Bushing
GDD-26	1					Insulating Bushing
MNV-21	2					Dowel Pin
8X-177	1					#14-24 Hex. Nut
12X-193	1					#14 Lock Washer
12X-196	1					#10 Lock Washer
8X-349	1					#10 Plain Washer
8X-361	1					1/4 Plain Washer
5X-1377	1					#10-32 Hex. Nut
5X-177	1					#14-24 Hex. Nut
X-193	1					#14 Lock Washer
X-196	2					#10 Lock Washer
X-203	2					5/16 Lock Washer
8X-321	1					#10-32x5/16 Rd. Hd. Sc.
X-402	2					1/16x3/4 Cotter Pin
8X-863B	2					5/16-24x1 1/4 Hex. Hd. Sc.
X-1014	2					5/16 Lock Washer
8X-1061	2					5/16-24 Castellated Nut
5X-1377	1					#10-32 Hex. Nut

Comm. End Plate Assembly & Parts Used With

DA-22	1					Bearing Retaining Washer
DA-39	1					Flat Oil Guard
DA-60	1					Bearing Retaining Screw
DH-7	1					Felt Washer
GBJ-25	1					End Cap Cover Gasket
GBJ-32	1					Comm. End Cap Cover
GCE-2002F	1					Comm. End Plate Assy.
GCE-53	2					Brush Spring
GCE-54	2					Brush Arm
GCE-1012†	2					Brush - Main
X-195	1					#8 Lock Washer
X-305	1					#8-32x1/4 Rd. Hd. Sc.
X-195	1					#8 Lock Washer
X-199	1					1/4 Lock Washer
X-295	1					BALL BRG. - S.A.E. #203
8X-305	1					#8-32x1/4 Rd. Hd. Screw
X-489	1					1/4 Oiler-Press in Type
X-544	3					#10 Lock Washer
8X-870	3					#10-32x5/16 Fill. Hd. Sc.
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBM-21	1					Armature Shaft Nut
GCB-2006F	1					ARMATURE ASSEMBLY
SP-218	1					Drive Pulley
X-261	1					#6 Woodruff Key
X-864	1					.669 Lock Washer

Drive End Head Assembly & Parts Used With

GCE-1003E	1					Drive End Head Assy.
GAU-31	1					Felt Washer
GCE-3E	1					Drive End Head
GG-6	1					Bearing Retainer
GK-176	1					Felt Washer Retainer
GT-76	1					Felt Washer Retainer
GT-78	1					Felt Washer
X-196	3					#10 Lock Washer
X-295	1					BALL BRG. - S.A.E. #203
8X-311	3					#10-32x3/8 Rd. Hd. Sc.
X-489	1					1/4 Oiler-Press in Type

Miscellaneous Parts

GCE-24C	1					Head Band
X-715	1					#10-32x1 1/4 Rd. Hd. Screw
8X-794	1					#10-32 Square Nut
		1	2	3	4	5

(Issued 2-24-39)

NOTE:- VRB-4008B CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.
† SERVICE BRUSH SET GCE-2012S.

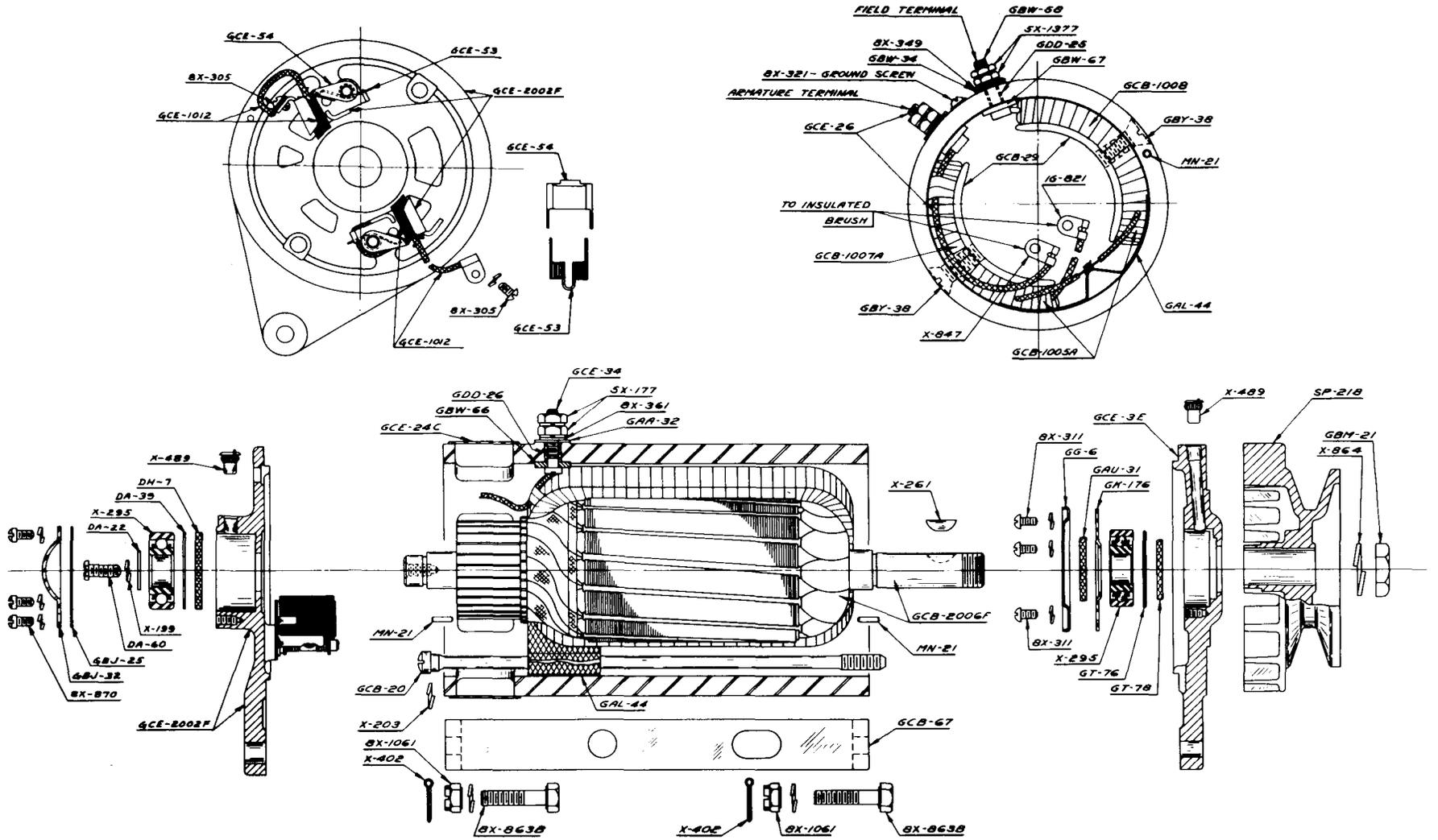
UNIT	APPLICATION
GCB-4814A	Diamond T

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File in
Equipment & Parts List Binder

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

GCB-4814A GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCB-4815A GENERATOR PARTS LIST

GCB-4815A

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GCB-20	2					Frame Screw
GCB-33S	1					Mounting Bracket
(GCB-2069)	1					Frame & Field Assembly
GAA-32	1					Terminal Post Top Ins.
GAL-44	1					Field Connection Ins.
GBW-34	1					Insulating Washer
GBW-58	1					Terminal Post
GBW-66	1					Terminal Post Bottom Ins.
GBW-67	1					Terminal Post Bottom Ins.
GBY-38	4					Pole Piece Screw
GCB-29	2					Pole Piece
GCB-1005A	1					FIELD COIL ASSY.- COMP.
GCB-1007A	1					Field Coil Assy.-Left
GCE-26	1					Control Lead
GCE-34	1					Terminal Post
X-847	1					Terminal
IG-821	1					Terminal
GCB-1008	1					Field Coil - Right
GCT-25	1					Insulating Bushing
GCY-25	1					Insulating Bushing
MN-21	2					Dowel Pin
8X-177	1					#14-24 Hex. Nut
12X-193	1					#14 Lock Washer
12X-196	1					#10 Lock Washer
8X-349	1					#10 Plain Washer
8X-361	1					1/4 Plain Washer
8X-1377	1					#10-32 Hex. Nut
8X-177	1					#14-24 Hex. Nut
12X-193	1					#14 Lock Washer
12X-196	2					#10 Lock Washer
X-201	4					3/8 Lock Washer
X-203	2					5/16 Lock Washer
8X-321	1					#10-32x5/16 Rd. Hd. Screw
X-465	4					3/8-24x3/4 Hex. Hd. Screw
8X-1377	1					#10-32 Hex. Nut

Comm. End Plate Assy. & Parts Used With

DA-22	1	Bearing Retaining Washer
DA-39	1	Flat Oil Guard
DA-60	1	Bearing Retaining Screw
DH-7	1	Felt Washer
GBJ-25	1	End Cap Cover Gasket
GBJ-32	1	Comm. End Cap Cover
GCE-2047A	1	Comm. End Plate Assembly
GCE-53	2	Brush Spring
GCE-54	2	Brush Arm
GCE-1012†	2	Brush - Main
X-195	1	#8 Lock Washer
8X-305	1	#8-32x1/4 Rd. Hd. Screw
X-195	1	#8 Lock Washer
X-199	1	1/4 Lock Washer
X-295	1	BALL BEARING - S.A.E. #203
8X-305	1	#8-32x1/4 Rd. Hd. Screw
X-489	1	1/4 Oiler - Press in Type
X-544	3	#10 Lock Washer
X-870	3	#10-32x5/16 Fill. Hd. Screw
		1 2 3 4 5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBM-21	1					Armature Shaft Nut
GCB-2006F	1					ARMATURE ASSEMBLY
SP-218	1					Drive Pulley
X-261	1					#6 Woodruff Key
X-864	1					.669 Lock Washer

Drive End Head Assy. & Parts Used With

GCE-2048	1	Drive End Head Assembly
GAU-31	1	Felt Washer
GCE-48	1	Drive End Head
GG-6	1	Bearing Retainer
GK-176	1	Felt Washer Retainer
GT-76	1	Felt Washer Retainer
GT-78	1	Felt Washer
X-196	3	#10 Lock Washer
X-295	1	BALL BRG. - S.A.E. #203
8X-311	3	#10-32x3/8 Rd. Hd. Screw
X-489	1	1/4 Oiler - Press in Type

Miscellaneous Parts

GCE-24C	1	Head Band
X-715	1	#10-32x1 1/4 Rd. Hd. Screw
8X-794	1	#10-32 Square Nut
		1 2 3 4 5

(Issued 9-8-39)

NOTE:- VRP-4006B CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

† Service BRUSH SET GCE-2012S.

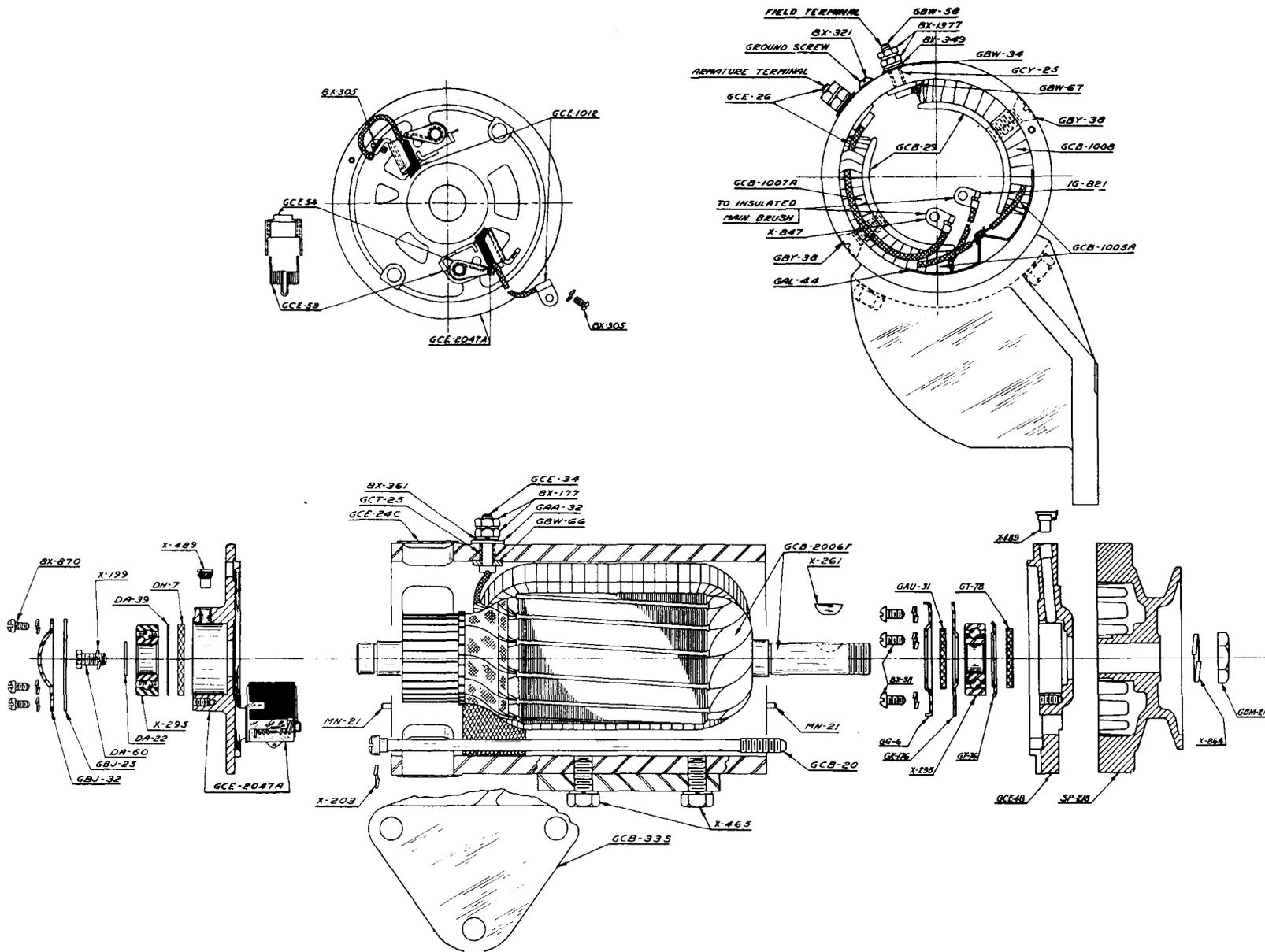
UNIT	APPLICATION
GCB-4815A	Diamond T

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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.”

GCB-4815A GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCB-4817A GENERATOR PARTS LIST

GCB-4817A

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
GCB-20	2	Frame Screw					
GCB-67	1	Mounting Bracket					
(GCB-2030A)	1	Frame & Field Assembly					
GAA-32	1	Terminal Post Top Ins.					
GAL-44	1	Field Connection Ins.					
GBW-34	1	Insulating Washer					
GBW-58	1	Terminal Post					
GBW-66	1	Terminal Post Bottom Ins.					
GBW-67	1	Terminal Post Bottom Ins.					
GBY-38	4	Pole Piece Screw					
GCB-29	2	Pole Piece					
GCB-1005A	1	FIELD COIL ASSY. - COMP.					
GCB-1007A	1	Field Coil Assy.-Left					
GCE-26	1	Control Lead					
GCE-34	1	Terminal Post					
X-847	1	Terminal					
IG-821	1	Terminal					
GCB-1008	1	Field Coil - Right					
GDD-25	1	Insulating Bushing					
GDD-26	1	Insulating Bushing					
MN-21	2	Dowel Pin					
8X-177	1	#14-24 Hex. Nut					
12X-193	1	#14 Lock Washer					
12X-196	1	#10 Lock Washer					
8X-349	1	#10 Plain Washer					
8X-361	1	1/4 Plain Washer					
5A-1377	1	#10-32 Hex. Nut					
5X-177	1	#14-24 Hex. Nut					
X-193	1	#14 Lock Washer					
X-196	2	#10 Lock Washer					
X-203	2	5/16 Lock Washer					
8X-321	1	#10-32x5/16 Rd. Hd. Screw					
X-402	2	1/16x3/4 Cotter Pin					
8X-863B	2	5/16-24x1 1/4 Hex. Hd. Screw					
X-1014	2	5/16 Lock Washer					
8X-1061	2	5/16-24 Castellated Nut					
5X-1377	1	#10-32 Hex. Nut					

Comm. End Plate Assy. & Parts Used With

DA-22	1	Bearing Retaining Washer					
DA-39	1	Flat Oil Guard					
DA-60	1	Bearing Retaining Screw					
DH-7	1	Felt Washer					
GBJ-25	1	End Cap Cover Gasket					
GBJ-32	1	Comm. End Cap Cover					
(GCE-2002F)	1	Comm. End Plate Assembly					
GCE-53	2	Brush Spring					
GCE-54	2	Brush Arm					
GCE-1012†	2	Brush - Main					
X-195	1	#8 Lock Washer					
X-305	1	#8-32x1/4 Rd. Hd. Screw					
X-195	1	#8 Lock Washer					
X-199	1	1/4 Lock Washer					
X-295	1	BALL BEARING - S.A.E. #203					
8X-305	1	#8-32x1/4 Rd. Hd. Screw					
X-489	1	1/4 Oiler - Press in Type					
X-544	3	#10 Lock Washer					
X-870	3	#10-32x5/16 Fill. Hd. Screw					
		1 2 3 4 5					

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
GEM-21	1	Armature Shaft Nut					
GCB-2006F	1	ARMATURE ASSEMBLY					
SP-218	1	Drive Pulley					
X-261	1	#6 Woodruff Key					
X-864	1	.669 Lock Washer					

Drive End Head Assy. & Parts Used With

GCE-1092	1	Drive End Head Assembly					
GAU-31	1	Felt Washer					
GCE-92	1	Drive End Head					
GG-6	1	Bearing Retainer					
GK-176	1	Felt Washer Retainer					
GT-76	1	Felt Washer Retainer					
GT-78	1	Felt Washer					
X-196	3	#10 Lock Washer					
X-295	1	BALL BRG. - S.A.E. #203					
8X-311	3	#10-32x3/8 Rd. Hd. Screw					
X-489	1	1/4 Oiler - Press in Type					

Miscellaneous Parts

GCE-24C	1	Head Band					
X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
8X-794	1	#10-32 Square Nut					
		1 2 3 4 5					

(Issued 9-8-39)

NOTE:- VRP-4006B CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

† Service BRUSH SET GCE-2012S.

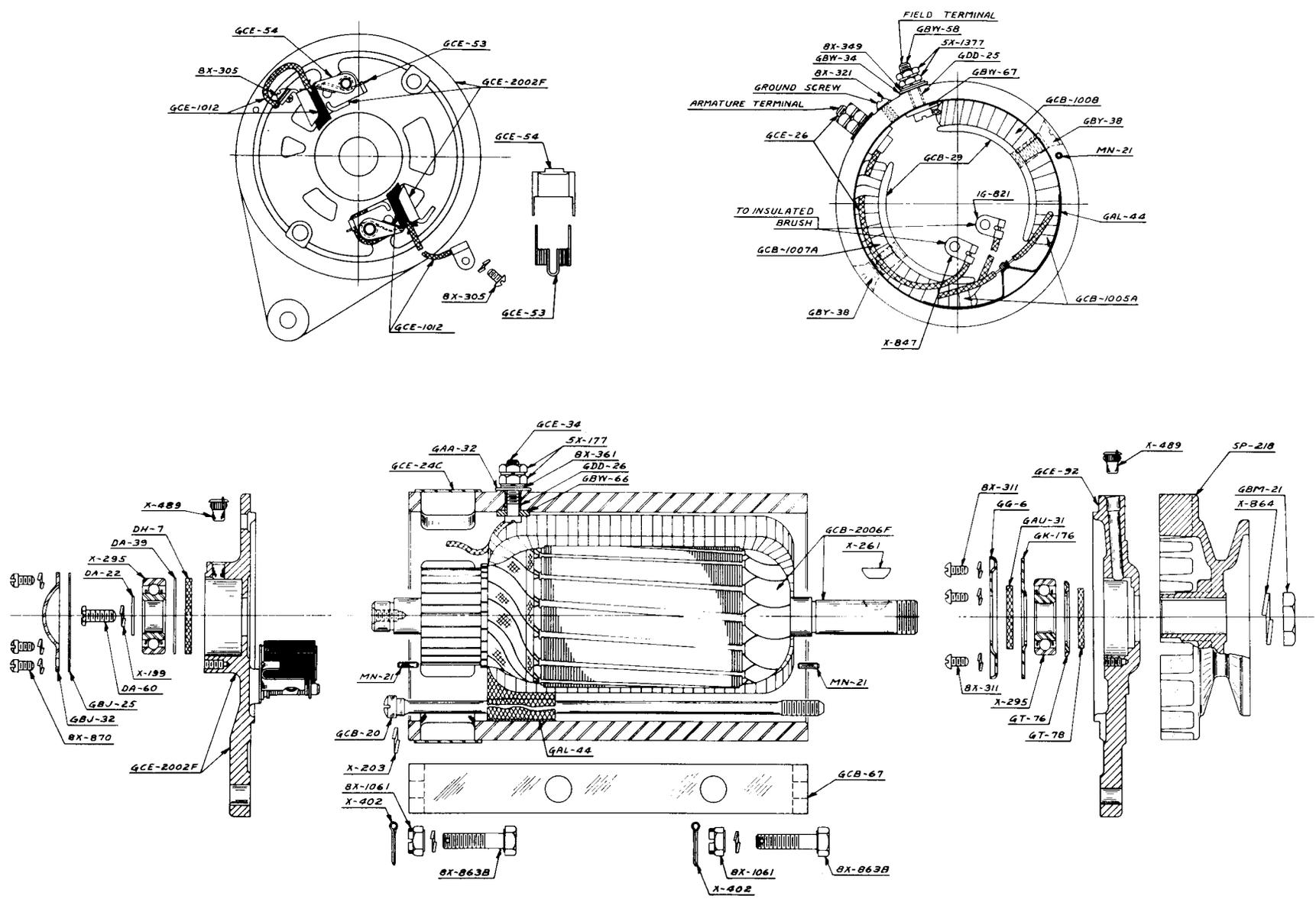
UNIT	APPLICATION
GCB-4817A	Diamond T

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File in
Equipment & Parts List Binder

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

GCB-4817A GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCB-4820 GENERATOR PARTS LIST

GCB-4820

PRELIMINARY

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GCB-20	2	Frame Screw				
(GCB-2062)	1	Frame & Field Assembly				
GAA-32	1	Terminal Post Top Ins.				
GAL-44	1	Field Connection Ins.				
GBW-34	1	Insulating Washer				
GBW-66	1	Terminal Post Bottom Ins.				
GBW-67	1	Terminal Post Bottom Ins.				
GBY-38	4	Pole Piece Screw				
GCB-29	2	Pole Piece				
GCB-1005A	1	FIELD COIL ASSY.- Comp.				
GBW-58	1	Terminal Post				
GCB-1007A	1	Field Coil Assy.-Left				
GCE-26	1	Control Lead				
GCE-34	1	Terminal Post				
X-847	1	Terminal				
IG-821	1	Terminal				
GCB-1008	1	Field Coil - Right				
GCT-25	1	Insulating Bushing				
GCY-25	1	Insulating Bushing				
MN-21	2	Dowel Pin				
5X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	1	#10 Lock Washer				
8X-349	1	#10 Plain Washer				
8X-361	1	1/4 Plain Washer				
5X-1377	1	#10-32 Hex. Nut				
5X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	2	#10 Lock Washer				
X-203	2	5/16 Lock Washer				
8X-321	1	#10-32x5/16 Rd. Hd. Screw				
5X-1377	1	#10-32 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

DA-39	2	Flat Oil Guard				
DA-132	1	Felt Washer				
DH-7	1	Felt Washer				
GAR-83	1	Comm. End Cap Cover				
GBJ-25	1	End Cap Cover Gasket				
GCE-55	1	Air Deflector				
GCE-2050	1	Comm. End Plate Assembly				
GCE-53	2	Brush Spring				
GCE-54	2	Brush Arm				
GCE-1012†	2	Brush - Main				
X-195	1	#8 Lock Washer				
8X-305	1	#8-32x1/4 Rd. Hd. Screw				
8X-62	6	#10-32x3/8 Flat Hd. Screw				
X-195	1	#8 Lock Washer				
X-295	1	BALL BEARING - S.A.E. #203				
8X-305	1	#8-32x1/4 Rd. Hd. Screw				
X-489	1	1/4 Oiler - Press in Type				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GAR-1177	1	Oil Throwing Assembly				
GEM-21	1	Armature Shaft Nut				
GCB-2065F	1	ARMATURE ASSEMBLY				
SP-230	1	Ventilating Fan				
X-157	1	1/2-20 Slotted Nut				
X-258	1	#3 Woodruff Key				
X-263	1	#8 Woodruff Key				
X-358	1	1/2 Plain Steel Washer				
X-404	1	3/32x1 Cotter Pin				
X-864	1	.669 Lock Washer				

Drive End Head Assembly & Parts Used With

GCE-1076	1	Drive End Head Assembly				
GCE-76	1	Drive End Head				
GX-9	1	Bearing Retainer				
GX-10	1	Gasket				
X-196	3	#10 Lock Washer				
8X-311	3	#10-32x3/8 Rd. Hd. Sc.				
X-378	1	BALL BEARING - Oil Seal				

Miscellaneous Parts

GCE-24C	1	Head Band				
X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 5-16-41)

† SERVICE BRUSH SET GCE-2012S.

NOTE:- VRP-4006B CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

UNIT	APPLICATION
GCB-4820	Brockway

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NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCD-4801 GENERATOR PARTS LIST

GCD-4801

PRELIMINARY

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GCD-20	2					Frame Screw
(GCD-2001)	1					Frame & Field Assembly
GAA-32	1					Terminal Post Top Ins.
GAU-45	1					Field Connection Ins.
GBW-34	1					Insulating Washer
GBW-66	1					Terminal Post Bottom Ins.
GBW-67	1					Terminal Post Bottom Ins.
GBY-29	2					Pole Piece
GBY-38	4					Pole Piece Screw
GCD-1005	1					FIELD COIL ASSY.- Comp.
GCD-1007	1					Field Coil Assy.-Left
GCD-25	1					Lead Assembly
GCE-34	1					Terminal Post
X-847	1					Terminal
IG-821	1					Terminal
GCD-1008	1					Field Coil Assy.-Right
GCE-27	1					Terminal Post
GDD-27	1					Insulating Bushing
GDD-28	1					Insulating Bushing
MN-21	2					Dowel Pin
8X-177	1					#14-24 Hex. Nut
X-193	1					#14 Lock Washer
X-196	1					#10 Lock Washer
8X-349	1					#10 Plain Washer
8X-361	1					1/4 Plain Washer
8X-1377	1					#10-32 Hex. Nut
8X-159	2					3/8-24 Hex. Nut
8X-177	1					#14-24 Hex. Nut
X-193	1					#14 Lock Washer
X-196	2					#10 Lock Washer
X-201	2					3/8 Lock Washer
8X-321	1					#10-32x5/16 Rd. Hd. Screw
8X-1377	1					#10-32 Hex. Nut

Comm. End Plate Assembly & Parts Used With

DB-17	2					Felt Guard
DD-44	1					End Cap Cover Gasket
GBY-28	1					Felt Washer
GCD-27	1					Comm. End Cap Cover
GCD-28	1					Felt Washer
GCD-30	1					Air Deflector
GCD-2002	1					Comm. End Plate Assembly
GBY-25	2					Brush Spring
GBY-34	2					Brush Arm
GBY-1012†	2					Brush - Main
X-195	1					#8 Lock Washer
8X-305	1					#8-32x1/4 Rd. Hd. Screw
X-62	6					#10-32x3/8 Flat Hd. Screw
X-195	1					#8 Lock Washer
8X-305	1					#8-32x1/4 Rd. Hd. Screw
X-489	1					1/4 Oiler - Press in Type
X-867	1					BALL BEARING
						1 2 3 4 5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
DG-1144	1					Oil Thrower
GEM-21	1					Armature Shaft Nut
GCD-2006F	1					ARMATURE ASSEMBLY
SP-136	1					Ventilating Fan
X-157	1					1/2-20 Slotted Nut
X-260	1					#5 Woodruff Key
X-263	1					#8 Woodruff Key
X-358	1					1/2 Plain Steel Washer
X-404	1					3/32x1 Cotter Pin
X-864	1					.669 Lock Washer

Drive End Head Assembly & Parts Used With

GCD-1003	1					Drive End Head Assembly
DG-143	1					Bearing Retainer
GCD-3	1					Drive End Head
8X-66	3					#10-32x1/2 Flat Hd. Screw
X-413	1					BALL BRG. - Shielded - S.A.E. #304

Miscellaneous Parts

GCD-24	1					Head Band
X-715	1					#10-32x1 1/4 Rd. Hd. Screw
8X-794	1					#10-32 Square Nut
						1 2 3 4 5

(Issued 5-16-41)

† SERVICE BRUSH SET GCD-2012S.

NOTE:- VRS-4005C CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

UNIT	APPLICATION
GCD-4801	Diamond T, Maxim

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File in
Equipment & Parts List Binder

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCD-4803A,B GENERATOR PARTS LIST

GCD-4803A,B

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GCD-20	2	Frame Screw				
GCD-48S	1	Mounting Bracket				
(GCD-2047)	1	Frame & Field Assembly				
GAA-32	1	Terminal Post Top Ins.				
GAU-45	1	Field Connection Ins.				
GBW-34	1	Insulating Washer				
GBW-66	1	Terminal Post Bottom Ins.				
GBW-67	1	Terminal Post Bottom Ins.				
GBY-29	2	Pole Piece				
GBY-38	4	Pole Piece Screw				
GCD-1005	1	FIELD COIL ASSY. - COMP.				
GCD-1007	1	Field Coil Assy.- Left				
GCD-25	1	Lead Assembly				
GCE-34	1	Terminal Post				
X-847	1	Terminal				
IG-821	1	Terminal				
GCD-1008	1	Field Coil Assy.-Right				
GCE-27	1	Terminal Post				
GDD-27	1	Insulating Bushing				
GDD-28	1	Insulating Bushing				
MN-21	2	Dowel Pin				
8X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	1	#10 Lock Washer				
8X-349	1	#10 Plain Washer				
8X-361	1	1/4 Plain Washer				
8X-1377	1	#10-32 Hex. Nut				
8X-113	2	5/16-24x5/8 Hex. Hd. Screw				
8X-159	2	3/8-24 Hex. Nut				
8X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	2	#10 Lock Washer				
X-201	2	3/8 Lock Washer				
X-203	2	5/16 Lock Washer				
8X-321	1	#10-32x5/16 Rd. Hd. Screw				
8X-1377	1	#10-32 Hex. Nut				

Comm. End Plate Assy. & Parts Used With

DA-22	1	Bearing Retaining Washer				
DA-60	1	Bearing Retaining Screw				
DB-17	1	Felt Guard				
DD-24C	1	End Cap Cover				
DD-44	1	End Cap Cover Gasket				
GBY-28	1	Felt Washer				
GCD-2032	1	Comm. End Plate Assy.				
GBY-25	2	Brush Spring				
GBY-34	2	Brush Arm				
GBY-1012†	2	Brush - Main				
X-195	1	#8 Lock Washer				
8X-305	1	#8-32x1/4 Rd. Hd. Screw				
X-195	1	#8 Lock Washer				
X-199	1	1/4 Lock Washer				
8X-305	1	#8-32x1/4 Rd. Hd. Screw				
X-489	1	1/4 Oiler - Press in Type				
X-544	3	#10 Lock Washer				
X-867	1	BALL BEARING				
8X-870	3	#10-32x5/16 Fill. Hd. Screw				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBM-21	1	Armature Shaft Nut				
GCD-2031F	1	ARMATURE ASSEMBLY				
*	1	Drive Pulley				
X-263	1	#8 Woodruff Key				
X-864	1	.669 Lock Washer				

Drive End Head Assy. & Parts Used With

GCD-1033	1	Drive End Head Assy.				
GAB-188	2	Felt Washer				
GAR-179	2	Felt Guard				
GBY-27	2	Bearing Retainer				
GCD-33	1	Drive End Head				
8X-173	3	#10-32 Hex. Nut				
X-196	3	#10 Lock Washer				
8X-306	3	#10-32x1 Rd. Hd. Screw				
X-365	1	BALL BRG. - S.A.E. #303				
X-489	1	1/4 Oiler - Press in Type				

Miscellaneous Parts

GCD-24	1	Head Band				
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 10-18-39)

Assembly No.	Drive Pulley
GCD-4803A	SP-340
GCD-4803B	SP-380

† SERVICE BRUSH SET GCD-2012S.

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

NOTE:- VRS-4005C CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

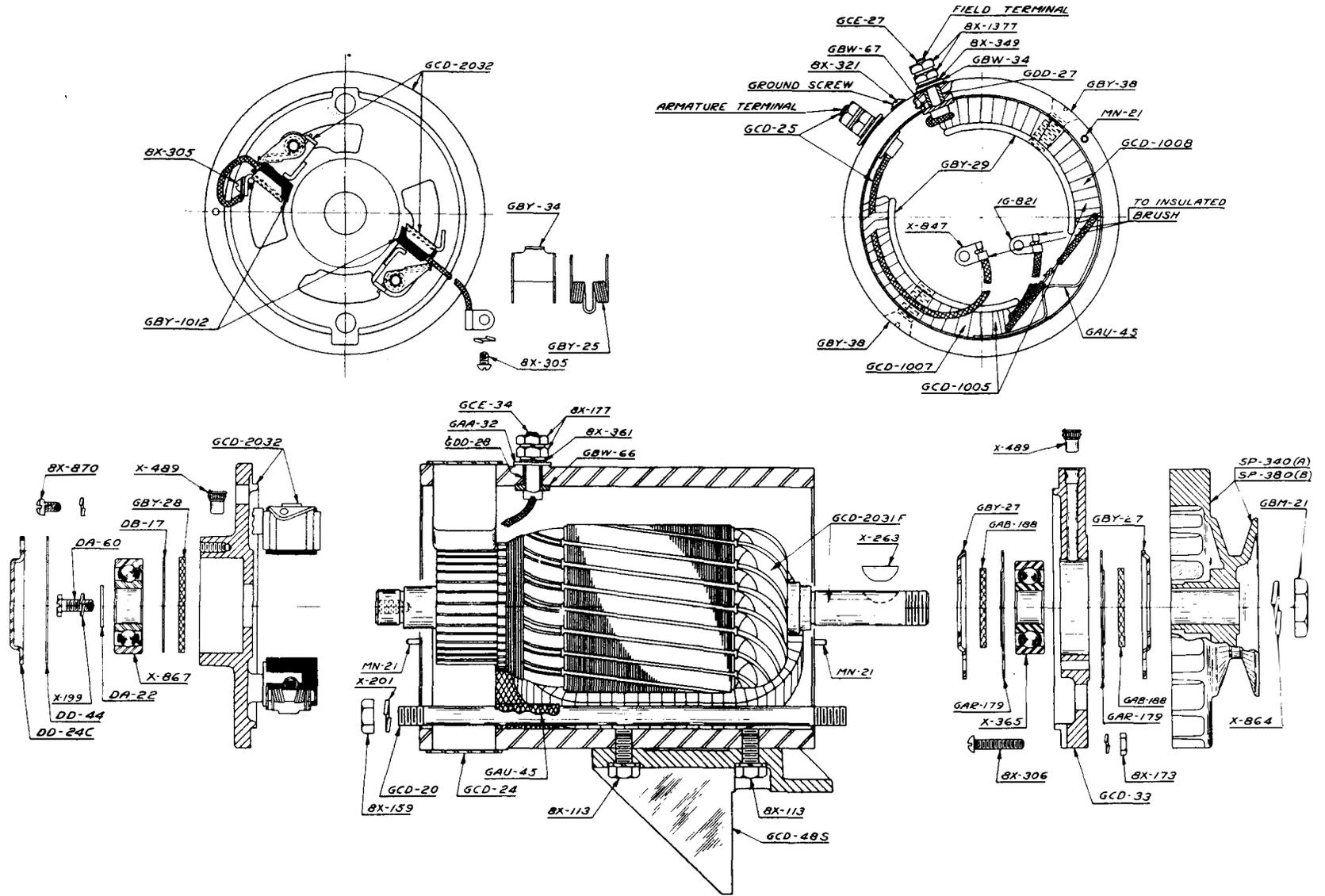
UNIT	APPLICATION
GCD-4803A,B	White

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File in
Equipment & Parts List Binder

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

GCD-4803A,B GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCD-4809 GENERATOR PARTS LIST

GCD-4809

Frame & Field Assembly & Parts Used With			Comm. End Head Assembly & Parts Used With		
Part No.	No. Used	Name of Part	Part No.	No. Used	Name of Part
GCD-20A	2	Bolt, Thru	DB-17	2	Washer, Plain, Felt Retaining
(GCD-2091)	1	Frame & Field Assy.	DD-44	1	Gasket, C.E. Cover
GAA-32	1	Washer, Ins., Arm. Term.	GBY-28	1	Washer, Felt, C.E. Outer
GAU-45	1	Insulation, Field Connection	GCD-27A	1	Cover, Comm. End
GBW-34	1	Washer, Ins., Field Term.	GCD-28	1	Washer, Felt, C.E. Inner
GBW-66	1	Insulation, Arm. Term., Inner	GCD-2002S	1	Head Assy., Comm. End
GBW-67	1	Insulation, Field Term., Inner	GBY-25	2	Spring, Brush
GBY-38A	4	Screw, Pole Shoe	GBY-34	2	Arm, Brush
GCD-69S	1	Bracket, Mounting	GBY-1012†	2	Brush
GCD-1005	1	COIL ASSY., FIELD, COMPLETE	X-195	2	Lockwasher, Brush Lead Sc., #8
GCD-1007	1	Coil Assy., Field, Left	8X-305	2	Screw, Brush Lead, Rd. Hd. #8-32x1/4
GCD-25	1	Lead Assy.	X-489	1	Oiler
GCE-34	1	Stud, Arm. Term., #14-24	8X-726	3	Screw, C.E. Cover, Bdg. Hd. #10-32x7/16
X-1425	1	Terminal	X-867	1	BEARING, BALL, SHIELDED, S.A.E. #303
X-1425	1	Terminal	X-1270	3	Washer Cover Sc., Skpf. #10
GCD-1008	1	Coil Assy., Field, Right	Armature Assembly & Parts Used With		
GCE-27	1	Stud, Field Term., #10-32	GBM-21B	1	Nut, Arm. Shaft, C.E.
GDD-27	1	Bushing, Ins., Field Term.	GCD-87	1	Spacer, Armature Shaft
GDD-28	1	Bushing, Ins., Arm. Term.	GCD-2088F	1	ARMATURE
MN-21	2	Pin, Dowel	SP-136	1	Fan, Ventilating
X-115	4	Screw, Bracket, Hex. Hd. 5/16-24x3/4	X-260	1	Key, Woodruff, #5
8X-177	2	Nut, Arm. Term., Hex. #14-24	12X-864	1	Lockwasher, Arm. Shaft, C.E.
X-193	2	Lockwasher, Arm. Term., #14	12X-1018	1	Lockwasher, Arm. Shaft, D.E.
X-196	2	Lockwasher, Field Term., #10	X-1178	1	Nut, Arm. Shaft, D.E.
8X-349	1	Washer, Field Term., Plain #10	Drive End Head Assembly & Parts Used With		
8X-361	1	Washer, Arm. Term., Plain 1/4	GCD-1089S	1	Head Assy., Drive End
12X-1014	4	Lockwasher, Bracket Sc., 5/16	DG-72	2	Retainer, Bearing
8X-1377	2	Nut, Field Term., Hex. #10-32	DG-74	2	Retainer, Felt
8X-159	2	Nut, Thru Bolt, Hex. 3/8-24	G-118	2	Washer, Felt
X-196	1	Lockwasher, Ground Screw, #10	GCD-89S	1	Head, Drive End
12X-201	2	Lockwasher, Thru Bolt, 3/8	8X-173	3	Nut, Retainer Sc., Hex. #10-32
8X-321	1	Screw, Ground Rd. Hd. #10-32x5/16	X-196	3	Lockwasher, Retainer Sc., #10
			X-300	1	BEARING, BALL, S.A.E. #205
			8X-306	3	Screw, Bearing Retainer, Rd. Hd. #10-32x1
			X-489	1	Oiler

(Continued on Reverse Side)

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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

GCD-4809 GENERATOR PARTS (Cont'd.)

Part No.	Miscellaneous Parts	
	No. Used	Name of Part
GCD-24	1	Band, Cover
8X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2
8X-794	1	Nut, Cover Band, Square #10-32

† BRUSH SET, SERVICE GCD-2012S.

NOTE: VRS-4005C CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

UNIT	APPLICATION
GCD-4809	Hall Scott

(Issued 10-11-49)

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File in
Equipment & Parts List Binder

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCE-4803A GENERATOR PARTS LIST

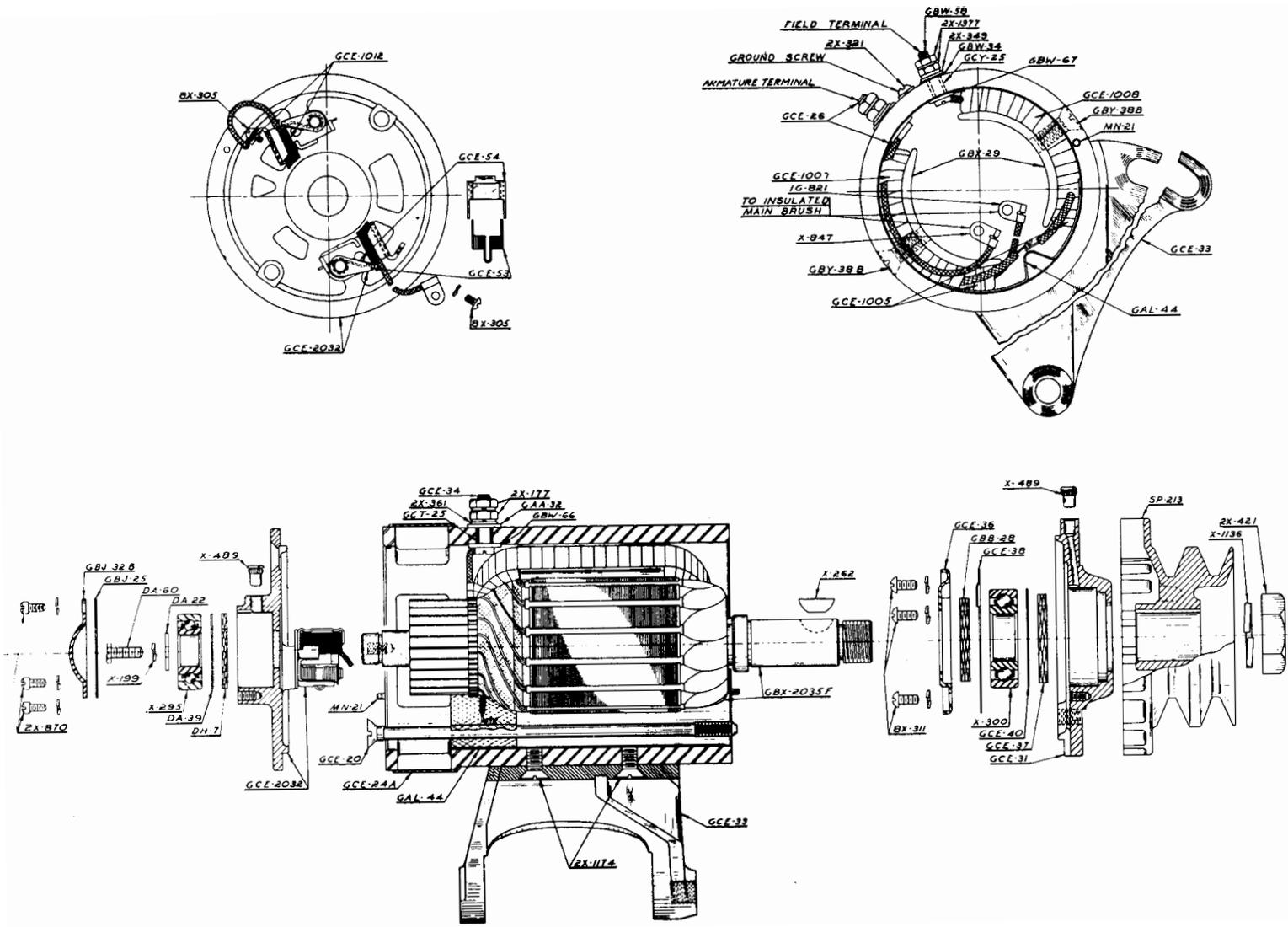
GCE-4803A

<u>Frame & Field Assy. & Parts Used With</u>						<u>Armature Assy. & Parts Used With</u>								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
GCE-20	2	Frame Screw					GBX-2035F	1	Armature Assembly					
GCE-33	1	Mounting Bracket					SP-213	1	Drive Pulley					
(GCE-2030)	1	Frame & Field Assy.					X-262	1	#7 Woodruff Key					
GAA-32	1	Terminal Post Top Ins.					2X-421	1	7/8-14 Hex. Nut					
GAL-44	1	Field Connection Ins.					X-1136	1	7/8 Lock Washer					
GBW-34	1	Insulating Washer					<u>Drive End Head Assy. & Parts Used With</u>							
GBW-58	1	Terminal Post					GCE-1031	1	Drive End Head Assy.					
GBW-66	1	Terminal Stud Ins.					GBB-28	1	Felt Washer					
GBW-67	1	Terminal Stud Ins.					GCE-31	1	Drive End Head					
GEX-29	2	Pole Piece					GCE-36	1	Bearing Retainer					
GBY-38B	2	Pole Piece Screw					GCE-37	1	Felt Washer					
GCE-1005	1	Field Coil Assy. - Comp.					GCE-38	1	Felt Guard					
GCE-1007	1	Field Coil Assy. - Left					GCE-40	1	Felt Washer Retainer					
GCE-26	1	Control Lead					X-196	3	#10 Lock Washer					
GCE-34	1	Terminal Post					X-300	1	Ball Brg. - S.A.E. #205					
X-847	1	Terminal					8X-311	3	#10-32x3/8 Rd. Hd. Screw					
IG-821	1	Terminal					X-489	1	1/4 Oiler - Press in Type					
GCE-1008	1	Field Coil - Right					<u>Miscellaneous Parts</u>							
GCT-25	1	Bushing					GCE-24A	1	Head Band					
GCY-25	1	Bushing					2X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
MN-21	2	Dowel Pin					2X-794	1	#10-32 Square Nut					
2X-177	1	#14-24 Hex. Nut							1	2	3	4	5	
12X-193	1	#14 Lock Washer					(Issued 9-26-38)							
12X-196	1	#10 Lock Washer												
2X-349	1	#10 Plain Washer												
2X-361	1	1/4 Plain Washer												
2X-1377	1	#10-32 Hex. Nut												
2X-177	1	#14-24 Hex. Nut												
12X-193	1	#14 Lock Washer												
12X-196	2	#10 Lock Washer												
2X-321	1	#10-32x5/16 Rd. Hd. Screw												
2X-1174	4	5/16-24x1/2 Flat Hd. Screw												
2X-1377	1	#10-32 Hex. Nut												
<u>Comm. End Plate Assy. & Parts Used With</u>														
DA-22	1	Bearing Retaining Washer												
DA-39	1	Flat Oil Guard												
DA-60	1	Bearing Retaining Screw												
DH-7	1	Felt Washer												
GBJ-25	1	End Cap Cover Gasket												
GBJ-32B	1	Comm. End Cap Cover												
(GCE-2032)	1	Comm. End Plate Assy.												
GCE-53	2	Brush Spring												
GCE-54	2	Brush Arm												
GCE-1012†	2	Brush - Main												
X-195	1	#8 Lock Washer												
8X-305	1	#8-32x1/4 Rd. Hd. Screw												
X-195	1	#8 Lock Washer												
X-199	1	1/4 Lock Washer												
X-295	1	Ball Brg. - S.A.E. #203												
8X-305	1	#8-32x1/4 Rd. Hd. Screw												
X-489	1	1/4 Oiler - Press in Type												
12X-544	3	#10 Lock Washer												
2X-870	3	#10-32x5/16 Fill. Hd. Screw												
		1	2	3	4	5								

† Service Brush Set GCE-2012S.

NOTE:- VRB-4008AP Current-Voltage Regulator is used with but is not a part of this generator.

GCE-4803A GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCE-4804B GENERATOR PARTS LIST

GCE-4804B

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part	1 2 3 4 5					
			1	2	3	4	5	
DK-23B	2	Frame Screw						
(GCE-2001)	1	Frame & Field Assembly						
GAA-32	1	Terminal Post Top Ins.						
GAL-44	1	Field Connection Ins.						
GBW-34	1	Insulating Washer						
GBW-58	1	Terminal Post						
GBW-66	1	Term. Post Bottom Ins.						
GBW-67	1	Term. Post Bottom Ins.						
GBX-29	2	Pole Piece						
GBY-38A	2	Pole Piece Screw						
GCE-100F	1	FIELD COIL ASSY. - COMP.						
GCE-1007	1	Field Coil Assy. - Left						
GCE-26	1	Control Lead						
GCE-34	1	Terminal Post						
X-847	1	Terminal						
IG-821	1	Terminal						
GCE-1008	1	Field Coil - Right						
GDD-25	1	Insulating Bushing						
GDD-26	1	Insulating Bushing						
MN-21	2	Dowel Pin						
8X-177	1	#10 Lock Washer						
12X-193	1	#10 Lock Washer						
12X-196	1	#10 Lock Washer						
8X-349	1	#10 Plain Washer						
8X-361	1	1/4 Plain Washer						
8X-1377	1	#10-32 Hex. Nut						
8X-177	1	#14-24 Hex. Nut						
12X-193	1	#14 Lock Washer						
12X-196	2	#10 Lock Washer						
12X-203	2	5/16 Lock Washer						
8X-321	1	#10-32x5/16 Hd. Hd. Screw						
8X-1377	1	#10-32 Hex. Nut						

Comm. End Plate Assy. & Parts Used With

DA-22	1	Bearing Retaining Washer						
DA-39	1	Flat Oil Gasket						
DA-60	1	Bearing Retainer - New						
DF-7	1	Felt Washer						
GBJ-25	1	End Cap Cover Gasket						
GBJ-38A	1	Comm. End Plate Assy.						
GCP-2002	1	Comm. End Plate Assy.						
GCE-53	2	Brush Spring						
GCE-54	2	Brush Arm						
GCE-1012	2	Brush - Flat						
X-195	1	#8 Lock Washer						
8X-305	1	#8-32x1/4 Rd. Hd. Screw						
X-195	1	#8 Lock Washer						
X-199	1	1/4 Lock Washer						
X-295	1	BALL BEARING - S.A.E. #203						
8X-305	1	#8-32x1/4 Rd. Hd. Screw						
X-489	1	1/4 Oiler - Press in Type						
12X-544	3	#10 Lock Washer						
8X-670	3	#10-32x5/16 Flat. Hd. Screw						
			1	2	3	4	5	

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part	1 2 3 4 5					
			1	2	3	4	5	
GBM-21	1	Armature Shaft Nut						
GBX-2006AF	1	ARMATURE ASSEMBLY						
SP-222	1	Drive Pulley						
X-261	1	#6 Woodruff Key						
X-864	1	.669 Lock Washer						

Drive End Head Assy. & Parts Used With

GCE-1003	1	Drive End Head Assembly						
GAU-31	1	Felt Washer						
GCE-3	1	Drive End Head						
GC-6	1	Bearing Retainer						
GK-176	1	Felt Washer Retainer						
GT-76	1	Felt Washer Retainer						
GT-78	1	Felt Washer						
X-196	3	#10 Lock Washer						
X-295	1	BALL BRG. - S.A.E. #203						
8X-311	3	#10-32x3/8 Rd. Hd. Sc.						
X-489	1	1/4 Oiler - Press in Type						

Miscellaneous Parts

GCE-24	1	Head Band Assembly						
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw						
8X-794	1	#10-32 Square Nut						
			1	2	3	4	5	

(Issued 8-21-39)

NOTE:- VRB-4004A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

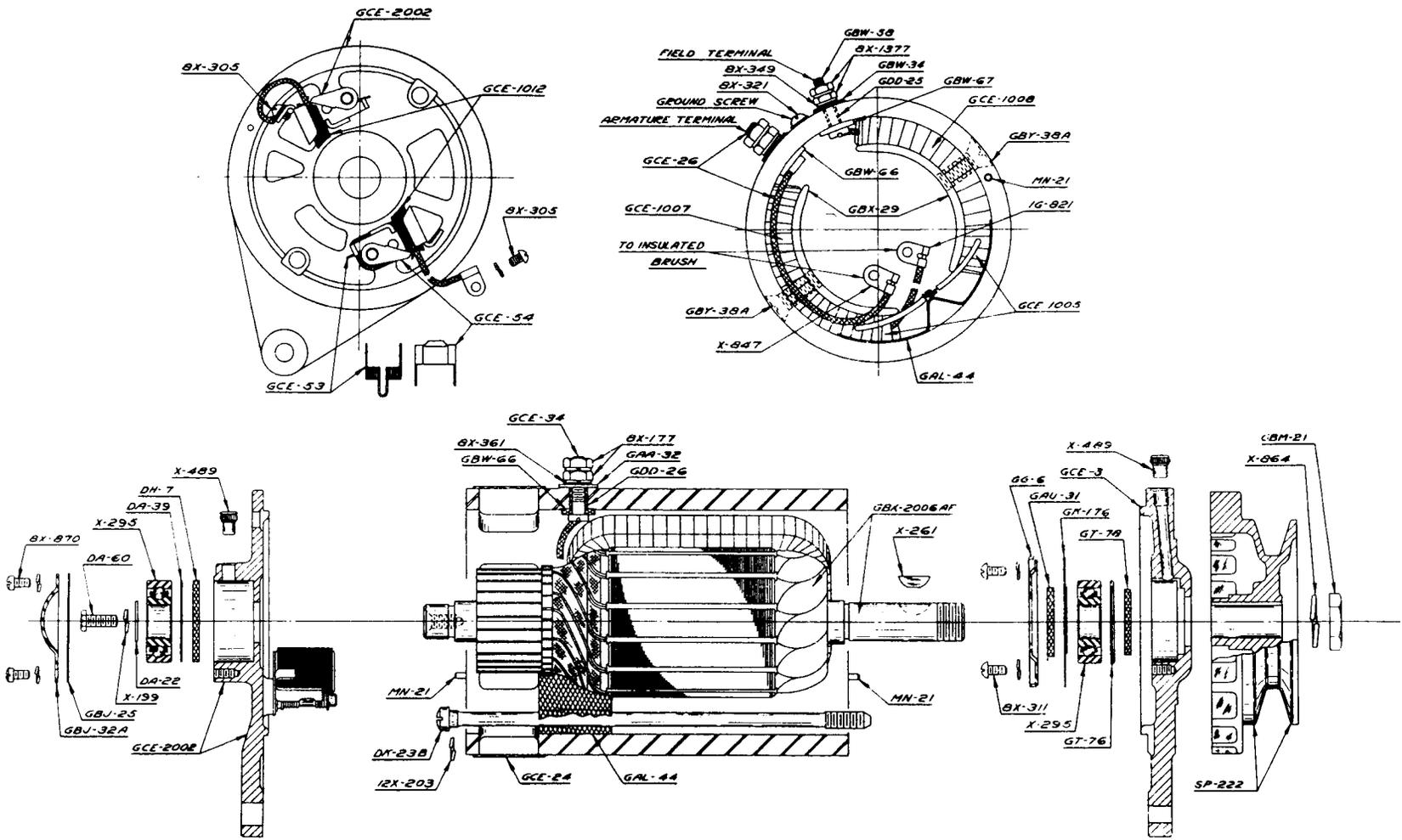
Service BRUSH SET GCE-2012S.

UNIT	APPLICATION
GCE-4804B	Plymouth

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File in
Equipment & Parts List Binder

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



GCE-4804B GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCE-4806 GENERATOR PARTS LIST

GCE-4806

Frame & Field Assembly & Parts Used With						Armature Assembly & Parts Used With							
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
GBD-20A	2	Frame Screw					DG-1144	1	Oil Thrower				
(GCE-2056)	1	Frame & Field Assy.					GBM-21	1	Armature Shaft Nut				
GAA-31	1	Insulating Bushing					GBX-2054F	1	Armature Assembly				
GAA-32	1	Term. Post Top Ins.					SP-230	1	Ventilating Fan				
GAL-44	1	Field Connection Ins.					X-157	1	1/2-20 Slotted Nut				
GBF-54	1	Insulating Bushing					X-258	1	#3 Woodruff Key				
GBW-34	1	Insulating Washer					X-263	1	#8 Woodruff Key				
GEW-58	1	Terminal Post					X-358	1	1/2 Plain Steel Washer				
GBX-29	2	Pole Piece					X-404	1	3/32x1 Cotter Pin				
GBY-38	2	Pole Piece Screw					X-864	1	.669 Lock Washer				
GCE-28	1	Term. Post Bottom Ins.					<u>Drive End Head Assembly & Parts Used With</u>						
GCE-1005	1	Field Coil Assy. - Comp.					GCE-1057	1	Drive End Head Assy.				
GCE-1007	1	Field Coil Assy. - Left					GAE-47	1	Bearing Retainer				
GCE-26	1	Control Lead					GCE-57	1	Drive End Head				
GCE-34	1	Terminal Post					8X-66	3	#10-32x1/2 Flat Head Sc.				
X-847	1	Terminal					X-298	1	Ball Brg. - S.A.E. #204				
IG-821	1	Terminal					X-489	1	1/4 Oiler - Press in Type				
GCE-1008	1	Field Coil Assy. - Right					<u>Miscellaneous Parts</u>						
MN-21	2	Dowel Pin					GCE-24C	1	Head Band				
8X-177	1	#14-24 Hex. Nut					X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
X-193	1	#14 Lock Washer					8X-794	1	#10-32 Square Nut				
X-196	1	#10 Lock Washer							1	2	3	4	5
8X-349	1	#10 Plain Washer					(Issued 12-10-36)						
8X-361	1	1/4 Plain Washer											
8X-1377	1	#10-32 Hex. Nut											
8X-177	1	#14-24 Hex. Nut											
X-193	1	#14 Lock Washer											
X-196	2	#10 Lock Washer											
X-203	2	5/16 Lock Washer											
8X-321	1	#10-32x5/16 Rd. Hd. Screw											
8X-1377	1	#10-32 Hex. Nut											
<u>Comm. End Plate Assembly & Parts Used With</u>													
DA-39	2	Flat Oil Guard											
DA-132	1	Felt Washer											
DH-7	1	Felt Washer											
GAR-83	1	Comm. End Cap Cover											
GBJ-25	1	End Cap Cover Gasket											
GCE-55	1	Air Deflector											
(GCE-2050)	1	Comm. End Plate Assy.											
GCE-53	2	Brush Spring											
GCE-54	2	Brush Arm											
GCE-1012†	2	Brush - Main											
X-195	1	#8 Lock Washer											
8X-305	1	#8-32x1/4 Rd. Hd. Screw											
8X-62	6	#10-32x3/8 Flat Hd. Screw											
X-195	1	#8 Lock Washer											
X-295	1	Ball Brg. - S.A.E. #203											
8X-305	1	#8-32x1/4 Rd. Hd. Screw											
X-489	1	1/4 Oiler - Press in Type											
		1	2	3	4	5							

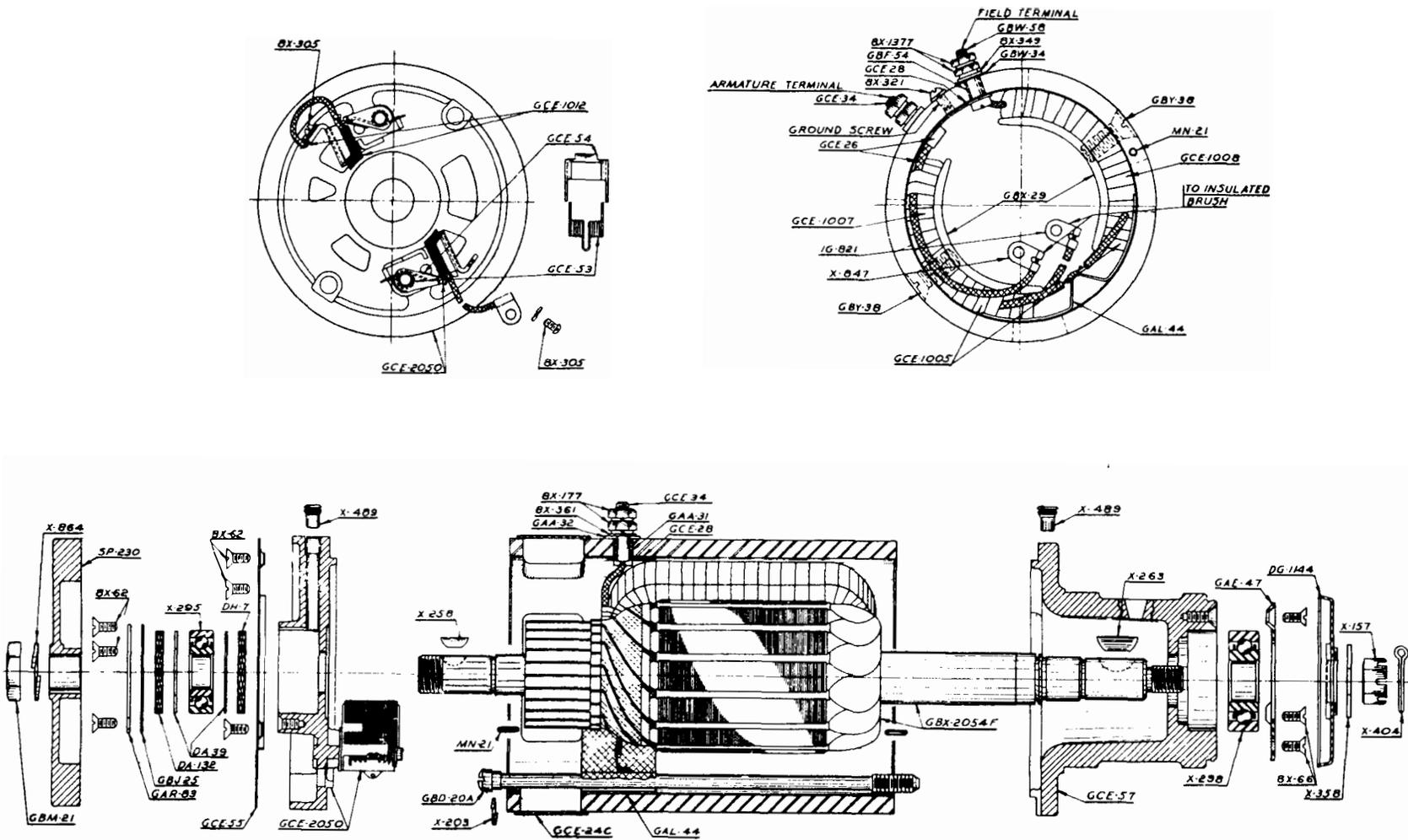
† Service Brush Set GCE-2012S.

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File in
Equipment & Parts Lists Binder

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

GCE-4806 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCE-4807A,B GENERATOR PARTS LIST

GCE-4807A,B

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part
		1 2 3 4 5
DK-23A	2	Frame Screw
(GCE-2058)	1	Frame & Field Assy.
GAA-31	1	Insulating Bushing
GAA-32	1	Term. Post Top Ins.
GAL-44	1	Field Connection Ins.
CAL-148	1	Aligning Dowel
GBF-54	1	Insulating Bushing
GBW-34	1	Insulating Washer
GBW-58	1	Terminal Post
GEX-29	2	Pole Piece
GBY-38	2	Pole Piece Screw
GCE-28	1	Term. Post Bottom Ins.
GCE-1005	1	Field Coil Assy. - Comp.
GCE-1007	1	Field Coil Assy. - Left
GCE-26	1	Control Lead
GCE-34	1	Terminal Post
X-847	1	Terminal
IG-821	1	Terminal
GCE-1008	1	Field Coil Assy. - Right
MN-21	2	Dowel Pin
8X-177	1	#14-24 Hex. Nut
X-193	1	#14 Lock Washer
X-196	1	#10 Lock Washer
8X-349	1	#10 Plain Washer
8X-361	1	1/4 Plain Washer
8X-1377	1	#10-32 Hex. Nut
8X-177	1	#14-24 Hex. Nut
X-193	1	#14 Lock Washer
X-196	2	#10 Lock Washer
X-203	2	5/16 Lock Washer
8X-321	1	#10-32x5/16 Rd. Hd. Screw
8X-1377	1	#10-32 Hex. Nut

Comm. End Plate Assembly & Parts Used With

DA-39	2	Flat Oil Guard
DA-132	1	Felt Washer
DH-7	1	Felt Washer
GAR-83A	1	Comm. End Cap Cover
GBJ-25	1	End Cap Cover Gasket
(GCE-2047A)	1	Comm. End Plate Assy.
GCE-53	2	Brush Spring
GCE-54	2	Brush Arm
GCE-1012†	2	Brush - Main
X-195	1	#8 Lock Washer
8X-305	1	#8-32x1/4 Rd. Hd. Screw
GJ-320	1	Armature Shaft Nut
X-195	1	#8 Lock Washer
X-295	1	Ball Brg. - S.A.E. #203
8X-305	1	#8-32x1/4 Rd. Hd. Screw
X-544	3	#10 Lock Washer
8X-870	3	#10-32x5/16 Fill. Hd. Screw
		1 2 3 4 5

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

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part
		1 2 3 4 5
GBM-21	1	Armature Shaft Nut
GBX-2059F	1	Armature Assembly
*	1	Drive Pulley
X-260	1	#5 Woodruff Key
X-864	1	.669 Lock Washer

Drive End Head Assembly & Parts Used With

GCE-2048	1	Drive End Head Assy.
GAU-31	1	Felt Washer
GCE-48	1	Drive End Head
GG-6	1	Bearing Retainer
GK-176	1	Felt Washer Retainer
GT-76	1	Felt Washer Retainer
GT-78	1	Felt Washer
X-196	3	#10 Lock Washer
X-295	1	Ball Brg. - S.A.E. #203
8X-311	3	#10-32x3/8 Rd. Hd. Screw
X-489	1	1/4 Oiler - Press in Type

Miscellaneous Parts

GCE-24C	1	Head Band
X-715	1	#10-32x1 1/4 Rd. Hd. Screw
8X-794	1	#10-32 Square Nut
		1 2 3 4 5

(Issued 11-18-36)

Assembly No.	Drive Pulley
GCE-4807A	SP-236
GCE-4807B	SP-240

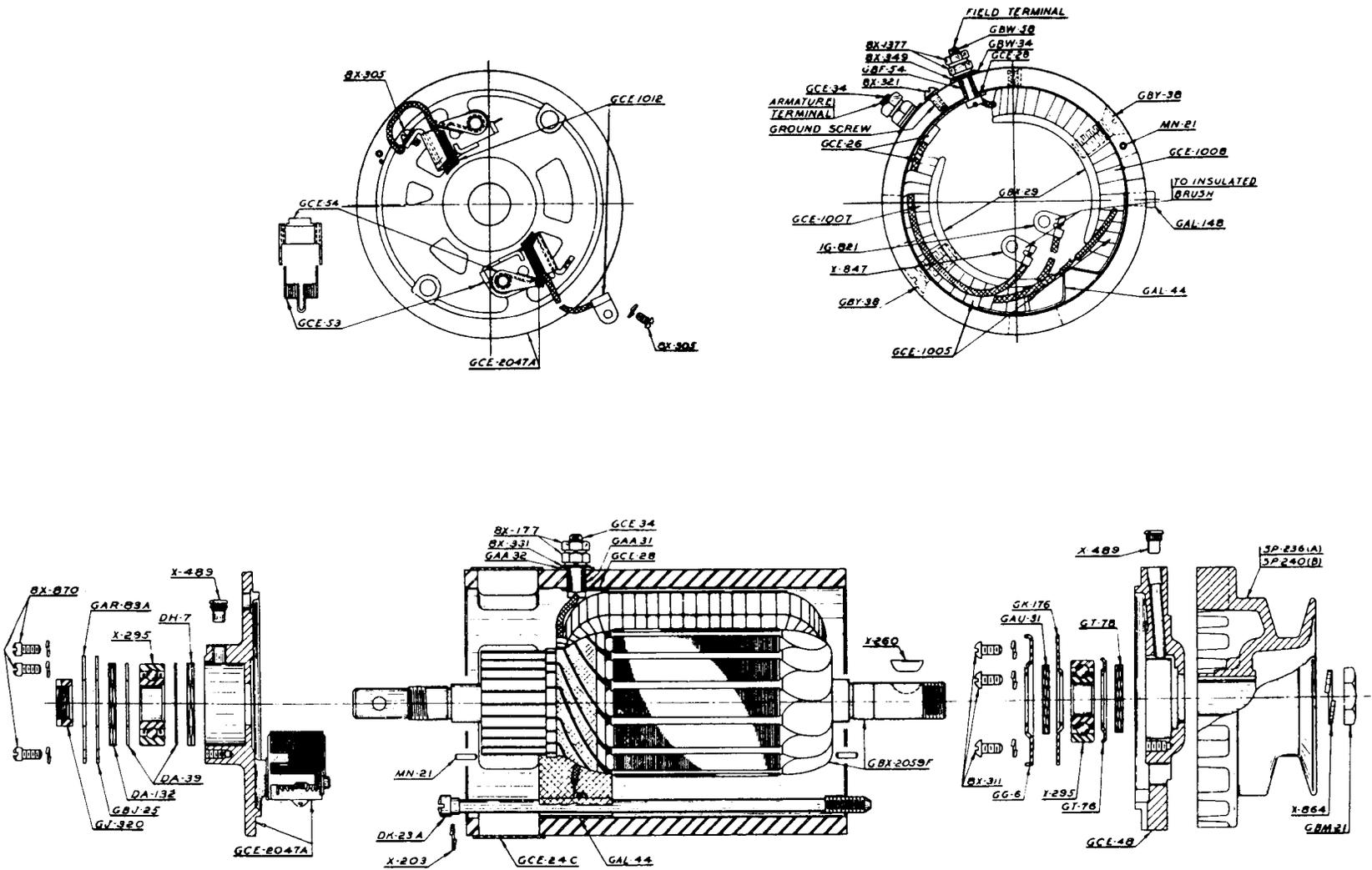
‡ Service Brush Set GCE-2012S.

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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."

GCE-4807,A,B GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCE-4808 · GENERATOR PARTS LIST

GCE-4808

Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
DK-23A	2	Frame Screw					DA-70	1	Armature Shaft Nut				
(GCE-2061)	1	Frame & Field Assy.					GBM-21	1	Armature Shaft Nut				
GAA-31	1	Insulating Bushing					GBX-2062F	1	Armature Assembly				
GAA-32	1	Term. Post Top Ins.					SP-230	1	Ventilating Fan				
GAL-44	1	Field Connection Ins.					X-160	1	7/16-20 Hex. Nut				
GBF-54	1	Insulating Bushing					X-205	1	7/16 Lock Washer				
GBW-34	1	Insulating Washer					X-258	1	#3 Woodruff Key				
GBW-58	1	Terminal Post					X-261	1	#6 Woodruff Key				
GBX-29	2	Pole Piece					X-864	1	.669 Lock Washer				
GBY-38	2	Pole Piece Screw					Drive End Head Assembly & Parts Used With						
GCE-28	1	Term. Post Bottom Ins.					GCE-2048	1	Drive End Head Assy.				
GCE-60S	1	Mounting Bracket					GAU-31	1	Felt Washer				
GCE-1005	1	Field Coil Assy. - Comp.					GCE-48	1	Drive End Head				
GCE-1007	1	Field Coil Assy. - Left					GG-6	1	Bearing Retainer				
GCE-26	1	Control Lead					GK-176	1	Felt Washer Retainer				
GCE-34	1	Terminal Post					GT-76	1	Felt Washer Retainer				
X-847	1	Terminal					GT-78	1	Felt Washer				
IG-821	1	Terminal					X-196	3	#10 Lock Washer				
GCE-1008	1	Field Coil Assy. - Right					X-295	1	Ball Brg. - S.A.E. #203				
MN-21	2	Dowel Pin					8X-311	3	#10-32x3/8 Rd. Hd. Screw				
8X-113	2	5/16-24x5/8 Hex. Hd. Sc.					X-489	1	1/4 Oiler - Press in Type				
8X-177	1	#14-24 Hex. Nut					Miscellaneous Parts						
X-193	1	#14 Lock Washer					GCE-24C	1	Head Band				
X-196	1	#10 Lock Washer					X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-349	1	#10 Plain Washer					8X-794	1	#10-32 Square Nut				
8X-361	1	1/4 Plain Washer							1	2	3	4	5
X-1014	2	5/16 Lock Washer											
8X-1377	1	#10-32 Hex. Nut											
8X-177	1	#14-24 Hex. Nut											
X-193	1	#14 Lock Washer											
X-196	2	#10 Lock Washer											
X-203	2	5/16 Lock Washer											
8X-321	1	#10-32x5/16 Rd. Hd. Screw											
8X-1377	1	#10-32 Hex. Nut											
Comm. End Plate Assembly & Parts Used With													
DA-39	2	Flat Oil Guard											
DA-132	1	Felt Washer											
DH-7	1	Felt Washer											
GAR-83	1	Comm. End Cap Cover											
GBJ-25	1	End Cap Cover Gasket											
GCE-55	1	Air Deflector											
(GCE-2050)	1	Comm. End Plate Assy.											
GCE-53	2	Brush Spring											
GCE-54	2	Brush Arm											
GCE-1012†	2	Brush - Main											
X-195	1	#8 Lock Washer											
8X-305	1	#8-32x1/4 Rd. Hd. Screw											
8X-62	6	#10-32x3/8 Flat Hd. Screw											
X-195	1	#8 Lock Washer											
X-295	1	Ball Brg. - S.A.E. #203											
8X-305	1	#8-32x1/4 Rd. Hd. Screw											
X-489	1	1/4 Oiler - Press in Type											
		1	2	3	4	5							

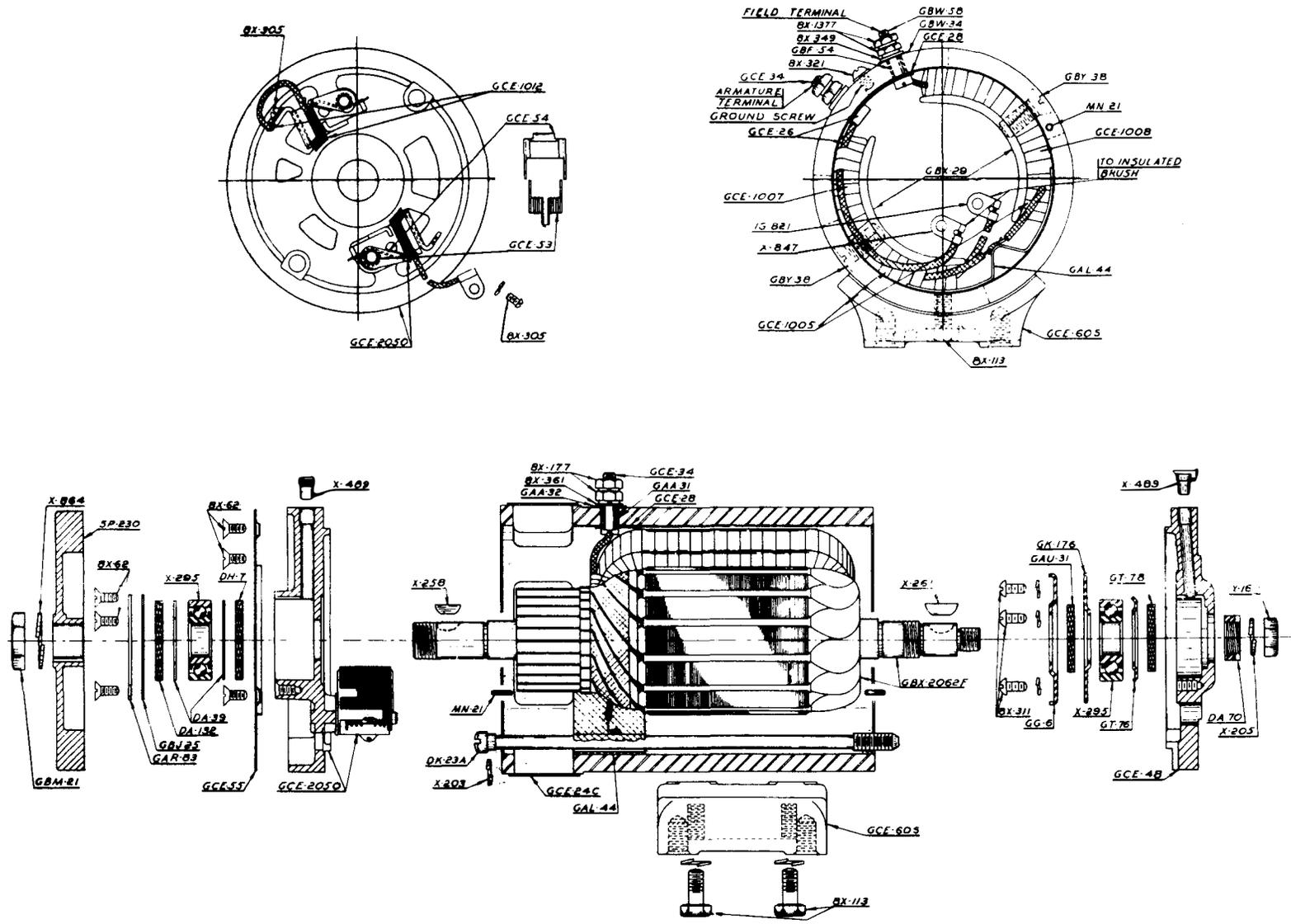
† Service Brush Set GCE-2012S.

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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."

GCE-4808 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCE-4809 GENERATOR PARTS LIST

GCE-4809

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
DK-23A	2					Frame Screw
(GCE-2056)	1					Frame & Field Assembly
GAA-32	1					Terminal Post Top Ins.
GAL-44	1					Field Connection Ins.
GBW-34	1					Insulating Washer
GBW-58	1					Terminal Post
GBW-66	1					Term. Post Bottom Ins.
GBW-67	1					Term. Post Bottom Ins.
GBX-29	2					Pole Piece
GBY-38	2					Pole Piece Screw
GCE-1005	1					FIELD COIL ASSY.- Comp.
GCE-1007	1					Field Coil Assy.-Left
GCE-26	1					Control Lead
GCE-34	1					Terminal Post
X-847	1					Terminal
IG-821	1					Terminal
GCE-1008	1					Field Coil - Right
GDD-25	1					Insulating Bushing
GDD-26	1					Insulating Bushing
MN-21	2					Dowel Pin
8X-177	1					#14-24 Hex. Nut
X-193	1					#14 Lock Washer
X-196	1					#10 Lock Washer
8X-349	1					#10 Plain Washer
8X-361	1					1/4 Plain Washer
8X-1377	1					#10-32 Hex. Nut
8X-177	1					#14-24 Hex. Nut
X-193	1					#14 Lock Washer
X-196	2					#10 Lock Washer
X-203	2					5/16 Lock Washer
8X-321	1					#10-32x5/16 Rd. Hd. Screw
8X-1377	1					#10-32 Hex. Nut

Comm. End Plate Assy. & Parts Used With

DA-39	2					Flat Oil Guard
DA-132	1					Felt Washer
DH-7	1					Felt Washer
GAR-83	1					Comm. End Cap Cover
GBJ-25	1					End Cap Cover Gasket
GCE-55	1					Air Deflector
GCE-2050	1					Comm. End Plate Assembly
GCE-53	2					Brush Spring
GCE-54	2					Brush Arm
GCE-1012†	2					Brush - Main
X-195	1					#8 Lock Washer
8X-305	1					#8-32x1/4 Rd. Hd. Screw
8X-62	6					#10-32x3/8 Flat Hd. Screw
X-195	1					#8 Lock Washer
X-295	1					BALL BEARING - S.A.E. #203
8X-305	1					#8-32x1/4 Rd. Hd. Screw
X-489	1					1/4 Oiler - Press in Type
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
DG-73	1					Armature Shaft Sleeve
DG-75	1					Bearing Spacer
GEM-21	1					Armature Shaft Nut
GBX-2063F	1					ARMATURE ASSEMBLY
SP-230	1					Ventilating Fan
X-258	1					#3 Woodruff Key
X-864	1					.669 Lock Washer

<u>Drive End Head Assy. & Parts Used With</u>						
GCE-1064	1					Drive End Head Assembly
DG-72	2					Felt Guard - With Oil Well
DG-74	2					Bearing Retainer
G-118	2					Felt Washer
GCE-64	1					Drive End Head
8X-173	3					#10-32 Hex. Nut
X-196	3					#10 Lock Washer
X-300	1					BALL BRG.- S.A.E. #205
8X-306	3					#10-32x1 Rd. Hd. Screw
X-489	1					1/4 Oiler - Press in Type

Miscellaneous Parts

GCE-24C	1					Head Band Assembly
X-715	1					#10-32x1 1/4 Rd. Hd. Screw
8X-794	1					#10-32 Square Nut
		1	2	3	4	5

(Issued 5-2-40)

NOTE:- VRP-4006A CURRENT-VOLTAGE REGULATOR is used with but is not part of this generator.

† Service BRUSH SET GCE-2012S.

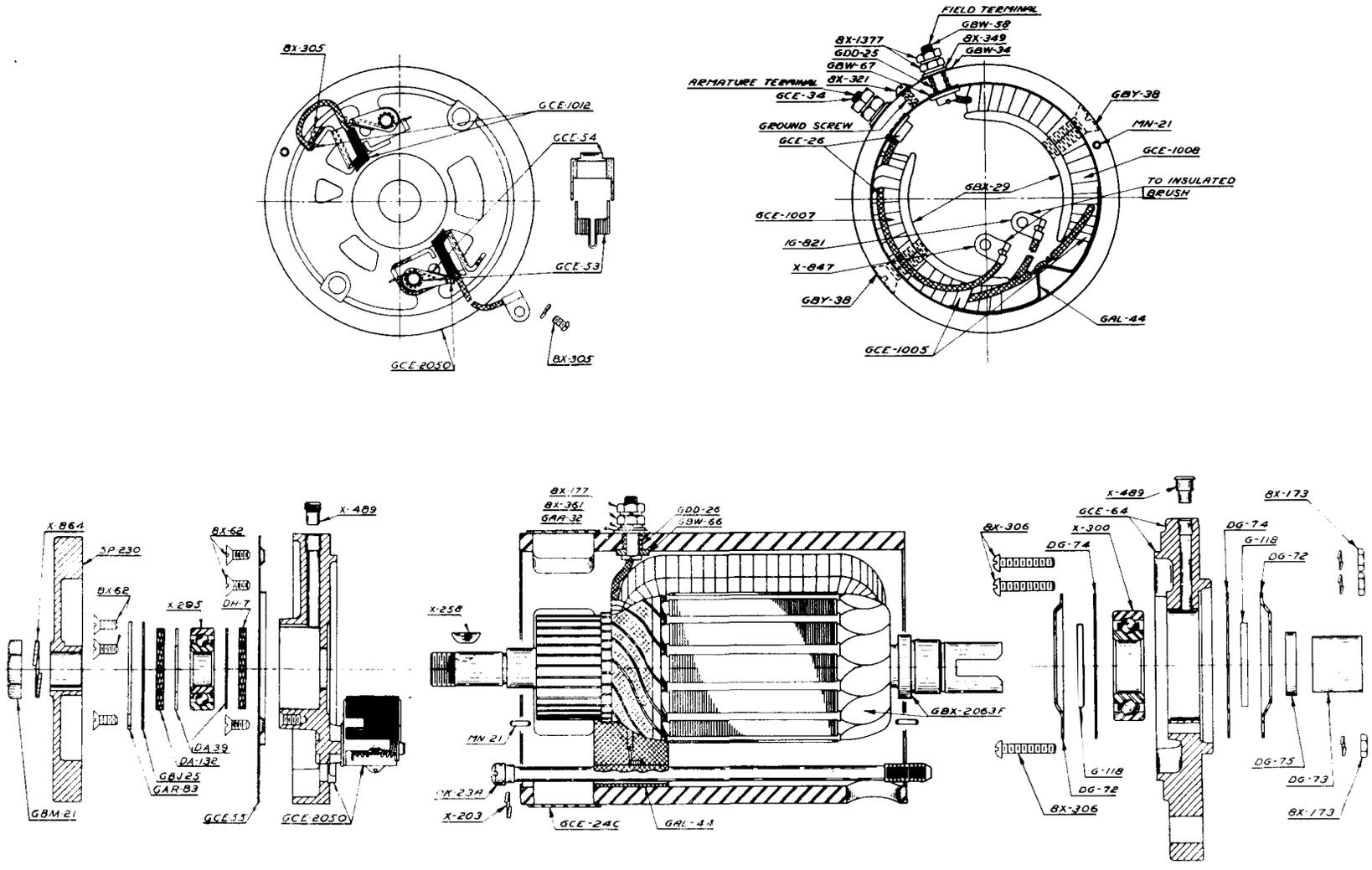
UNIT	APPLICATION
GCE-4809	Brockway, Continental

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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."

GCE-4809 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCE-4810 GENERATOR PARTS LIST

GCE-4810

Frame & Field Assy. & Parts Used With					Drive End Head Assy. & Parts Used With								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
DK-23A	1					Frame Screw	GCE-2048	1					Drive End Head Assy.
GCB-33	1					Mounting Bracket	GAU-31	1					Felt Washer
(GCE-2065)	1					Frame & Field Assy.	GCE-48	1					Drive End Head
GAA-32	1					Term. Post Top Insulation	GG-6	1					Bearing Retainer
GAL-44	1					Field Connection Ins.	GK-176	1					Felt Washer Retainer
GEW-34	1					Insulating Washer	GT-76	1					Felt Washer Retainer
GEW-58	1					Terminal Post	GT-78	1					Felt Washer
GEW-66	1					Term. Post Bottom Ins.	X-196	3					#10 Lock Washer
GEW-67	1					Term. Post Bottom Ins.	X-295	1					Ball Brg. - S.A.E. #203
GBX-29	2					Pole Piece	8X-311	3					#10-32x3/8 Rd. Hd. Sc.
GBY-38	2					Pole Piece Screw	X-489	1					1/4 Oiler - Press in Type
GCE-1005	1					Field Coil Assy. - Comp.	<u>Miscellaneous Parts</u>						
GCE-1007	1					Field Coil Assy.-Left	GCE-24C	1					Head Band
GCE-26	1					Control Lead	8X-715	1					#10-32x1 1/4 Rd. Hd. Screw
GCE-34	1					Terminal Post	8X-794	1					#10-32 Square Nut
X-847	1					Terminal			1	2	3	4	5
IG-821	1					Terminal	(Issued 11-16-38)						
GCE-1008	1					Field Coil - Right							
GCT-25	1					Insulating Bushing							
GCY-25	1					Insulating Bushing							
MN-21	2					Dowel Pin							
8X-177	1					#14-24 Hex. Nut							
X-193	1					#14 Lock Washer							
X-196	1					#10 Lock Washer							
8X-349	1					#10 Plain Washer							
8X-361	1					1/4 Plain Washer							
8X-1377	1					#10-32 Hex. Nut							
8X-177	1					#14-24 Hex. Nut							
X-193	1					#14 Lock Washer							
X-196	2					#10 Lock Washer							
X-201	4					3/8 Lock Washer							
X-203	2					5/16 Lock Washer							
8X-321	1					#10-32x5/16 Rd. Hd. Screw							
X-465	4					3/8-24x3/4 Hex. Hd. Screw							
8X-1377	1					#10-32 Hex. Nut							
<u>Comm. End Plate Assy. & Parts Used With</u>													
DA-22	1					Bearing Retaining Washer							
DA-39	1					Flat Oil Guard							
DA-60	1					Bearing Retaining Screw							
DH-7	1					Felt Washer							
GBJ-25	1					End Cap Cover Gasket							
GBJ-32	1					Comm. End Cap Cover							
(GCE-2047)	1					Comm. End Plate Assy.							
GCE-1012‡	2					Brush - Main							
X-195	1					#8 Lock Washer							
8X-305	1					#8-32x1/4 Rd. Hd. Sc.							
X-195	1					#8 Lock Washer							
X-199	1					1/4 Lock Washer							
X-295	1					Ball Bearing - S.A.E. #203							
8X-305	1					#8-32x1/4 Rd. Hd. Screw							
X-489	1					1/4 Oiler - Press in Type							
X-544	3					#10 Lock Washer							
8X-870	3					#10-32x5/16 Fill. Hd. Sc.							
<u>Armature Assembly & Parts Used With</u>													
GEM-21	1					Armature Shaft Nut							
GBX-2006AF	1					Armature Assembly							
SP-218	1					Drive Pulley							
X-261	1					#6 Woodruff Key							
X-864	1					.669 Lock Washer							
		1	2	3	4	5							

NOTE:- VRB-4008A Current-Voltage Regulator is used with but is not a part of this generator.

‡ Service Brush Set GCE-2012S.

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCE-4812 GENERATOR PARTS LIST

GCE-4812

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
DK-23A	2					Frame Screw
(GCE-2001B)	1					Frame & Field Assy.
GAA-32	1					Terminal Post Top Ins.
GAL-44	1					Field Connection Ins.
GBW-34	1					Insulating Washer
GBW-58	1					Terminal Post
GBW-66	1					Terminal Post Bottom Ins.
GBW-67	1					Terminal Post Ins.
GBX-29	2					Pole Piece
GBY-38	2					Pole Piece Screw
GCE-1005	1					Field Coil Assy. - Comp.
GCE-1007	1					Field Coil Assy. - Left
GCE-26	1					Control Lead
GCE-34	1					Terminal Post
X-847	1					Terminal
IG-821	1					Terminal
GCE-1008	1					Field Coil - Right
GDD-25	1					Insulating Bushing
GDD-26	1					Insulating Bushing
MN-21	2					Dowel Pin
5X-177	1					#14-24 Hex. Nut
X-193	1					#14 Lock Washer
X-196	1					#10 Lock Washer
8X-349	1					#10 Plain Washer
8X-361	1					1/4 Plain Washer
5X-1377	1					#10-32 Hex. Nut
5X-177	1					#14-24 Hex. Nut
X-193	1					#14 Lock Washer
X-196	2					#10 Lock Washer
X-203	2					5/16 Lock Washer
8X-321	1					#10-32x5/16 Rd. Hd. Screw
5X-1377	1					#10-32 Hex. Nut

Comm. End Plate Assembly & Parts Used With

DA-22	1					Bearing Retaining Washer
DA-39	1					Flat Oil Guard
DA-60	1					Bearing Retaining Screw
DH-7	1					Felt Washer
GBJ-25	1					End Cap Cover Gasket
GBJ-32	1					Comm. End Cap Cover
(GCE-2067)	1					Comm. End Plate Assy.
GCE-53	2					Brush Spring
GCE-54	2					Brush Arm
GCE-1012†	2					Brush - Main
X-195	1					#8 Lock Washer
8X-305	1					#8-32x1/4 Rd. Hd. Screw
X-195	1					#8 Lock Washer
X-199	1					1/4 Lock Washer
X-295	1					Ball Brg. - S.A.E. #203
8X-305	1					#8-32x1/4 Rd. Hd. Screw
X-489	1					1/4 Oiler - Press in Type
X-544	3					#10 Lock Washer
8X-870	3					#10-32x5/16 Fill. Hd. Screw
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBM-21	1					Armature Shaft Nut
GBX-2056F	1					Armature Assembly
SP-251	1					Ventilating Fan
X-258	1					#3 Woodruff Key
X-261	1					#6 Woodruff Key
X-864	1					.669 Lock Washer

Drive End Head Assembly & Parts Used With

GCE-1003C	1					Drive End Head Assy.
GAU-31	1					Felt Washer
GCE-3C	1					Drive End Head
GG-6	1					Bearing Retainer
GK-176	1					Felt Washer Retainer
GT-76	1					Felt Washer Retainer
GT-78	1					Felt Washer
X-196	3					#10 Lock Washer
X-295	1					Ball Brg. - S.A.E. #203
8X-311	3					#10-32x3/8 Rd. Hd. Sc.
X-489	1					1/4 Oiler - Press in Type

Miscellaneous Parts

GCE-24C	1					Head Band
X-715	1					#10-32x1 1/4 Rd. Hd. Sc.
8X-794	1					#10-32 Square Nut
		1	2	3	4	5

(Issued 12-2-37)

† Service Brush Set GCE-2012S.

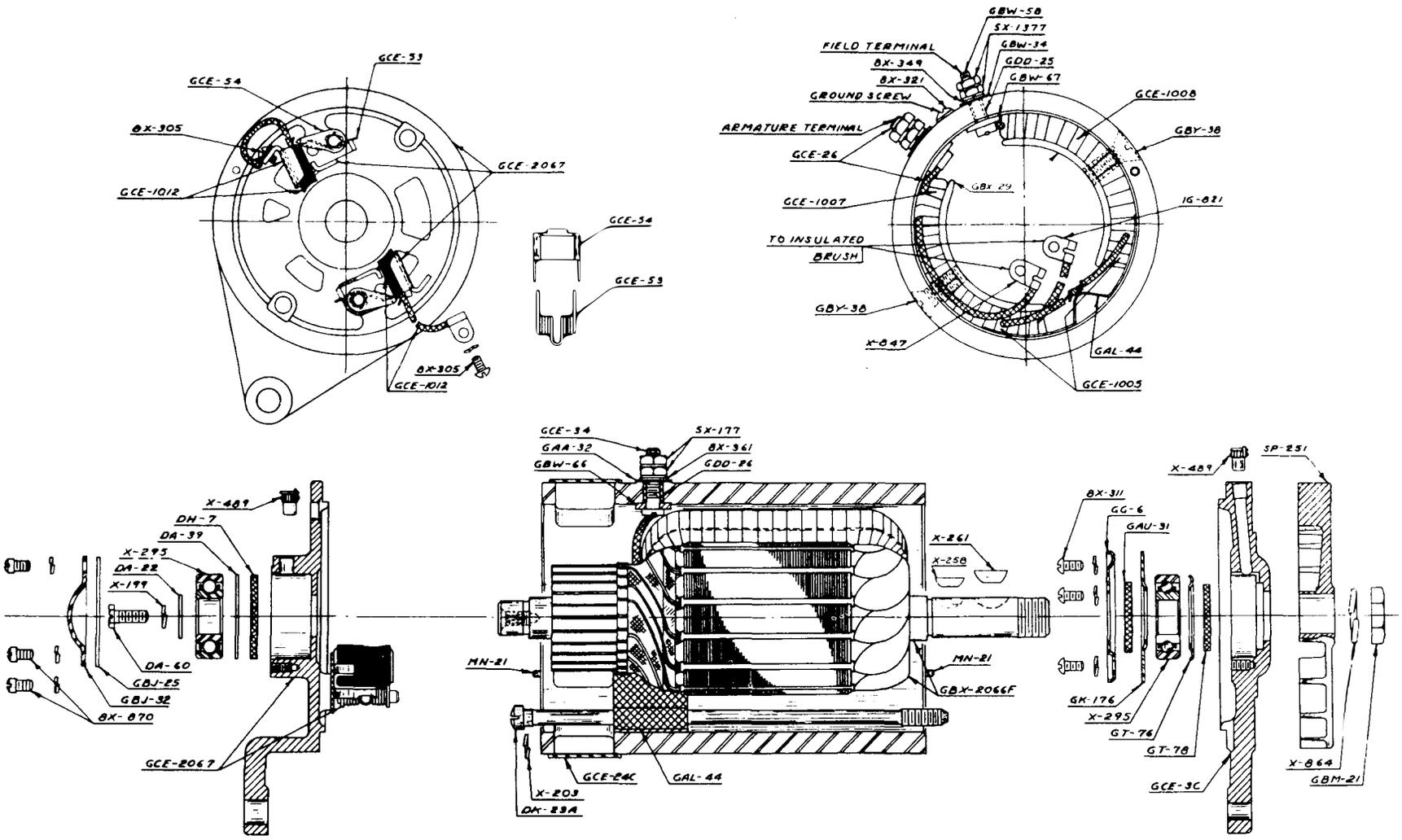
NOTE:- VRB-4007A Current-Voltage Regulator is used with but is not a part of this generator.

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GCE-4812 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCE-4813 GENERATOR PARTS LIST

GCE-4813

<u>Frame & Field Assembly & Parts Used With</u>					<u>Armature Assembly & Parts Used With</u>									
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
(GCE-2001)	1	Frame & Field Assy.					GBM-21	1	Armature Shaft Nut					
GAA-32	1	Term. Post Pop Ins.					GBX-2006AF	1	Armature Assembly					
GAL-44	1	Field Connection Ins					X-261	1	#6 Woodruff Key					
GBW-34	1	Insulating Washer					X-864	1	.669 Lock Washer					
GBW-58	1	Terminal Post					<u>Drive End Head Assembly & Parts Used With</u>							
GBX-29	2	Pole Piece					GCE-1003	1	Drive End Head Assy.					
GBY-38A	2	Pole Piece Screw					GAU-31	1	Felt Washer					
GCE-28	1	Terminal Post Bottom Ins.					GCE-3	1	Drive End Head					
GCE-1005	1	Field Coil Assy. - Comp.					GG-6	1	Bearing Retainer					
GCE-1007	1	Field Coil Assy. - Left					GK-176	1	Felt Washer Retainer					
						GT-76	1	Felt Washer Retainer						
GCE-26	1	Control Lead					GT-78	1	Felt Washer					
GCE-34	1	Terminal Post					X-196	3	#10 Lock Washer					
X-847	1	Terminal					X-295	1	Ball Brg. - S.A.E. #203					
IG-821	1	Terminal					EX-311	3	#10-32x3/8 Rd. Hd. Screw					
GCE-1008	1	Field Coil - Right					X-489	1	1/4 Oiler - Press in Type					
GDD-25	1	Insulating Bushing					<u>Miscellaneous Parts</u>							
GDD-26	1	Insulating Bushing					GCE-24	1	Head Band					
MN-21	2	Dowel Pin					8X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
8X-177	1	#14-24 Hex. Nut					8X-794	1	#10-32 Square Nut					
12X-193	1	#14 Lock Washer							1	2	3	4	5	
12X-196	1	#10 Lock Washer					(Issued 6-18-37)							
8X-349	1	#10 Plain Washer												
8X-361	1	1/4 Plain Washer												
8X-1377	1	#10-32 Hex. Nut												
GS-20	2	Frame Screw												
8X-177	1	#14-24 Hex. Nut												
12X-193	1	#14 Lock Washer												
12X-196	2	#10 Lock Washer												
12X-203	2	5/16 Lock Washer												
8X-321	1	#10-32x5/16 Rd. Hd. Screw												
8X-1377	1	#10-32 Hex. Nut												
<u>Comm. End Plate Assembly & Parts Used With</u>														
DA-22	1	Bearing Retaining Washer												
DA-39	1	Flat Oil Guard												
DA-60	1	Bearing Retaining Screw												
DH-7	1	Felt Washer												
GBJ-25	1	End Cap Cover Gasket												
GBJ-32A	1	Comm. End Cap Cover												
GCE-2002	1	Comm. End Plate Assy.												
GCE-53	2	Brush Spring												
GCE-54	2	Brush Arm												
GCE-1012†	2	Brush - Main												
X-195	1	#8 Lock Washer												
8X-305	1	#8-32x1/4 Rd. Hd. Screw												
X-195	1	#8 Lock Washer												
X-199	1	1/4 Lock Washer												
X-295	1	Ball Brg. - S.A.E. #203												
8X-305	1	#8-32x1/4 Rd. Hd. Screw												
X-489	1	1/4 Oiler - Press in Type												
12X-544	3	#10 Lock Washer												
8X-870	3	#10-32x5/16 Fill. Hd. Screw												
		1	2	3	4	5								

† Service Brush Set GCE-2012S.

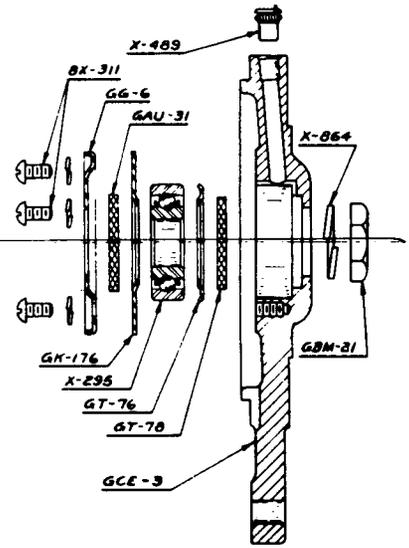
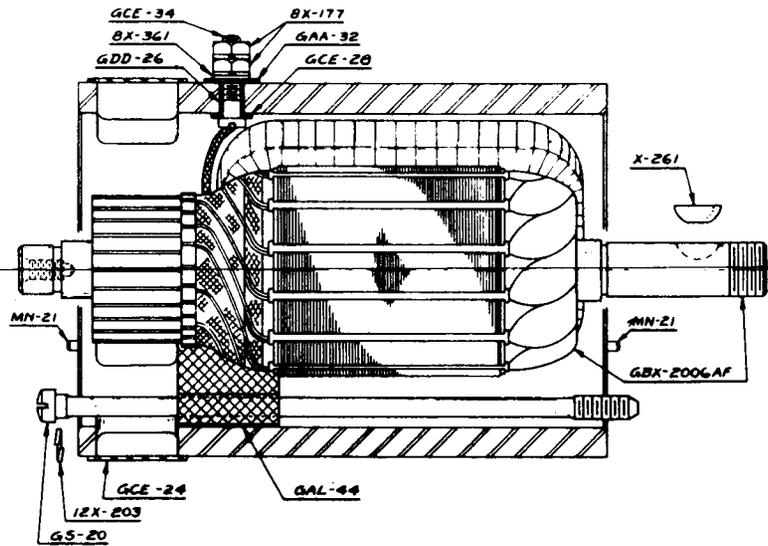
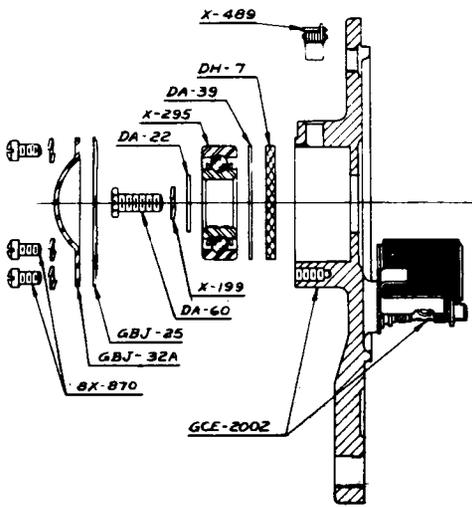
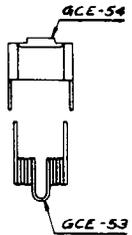
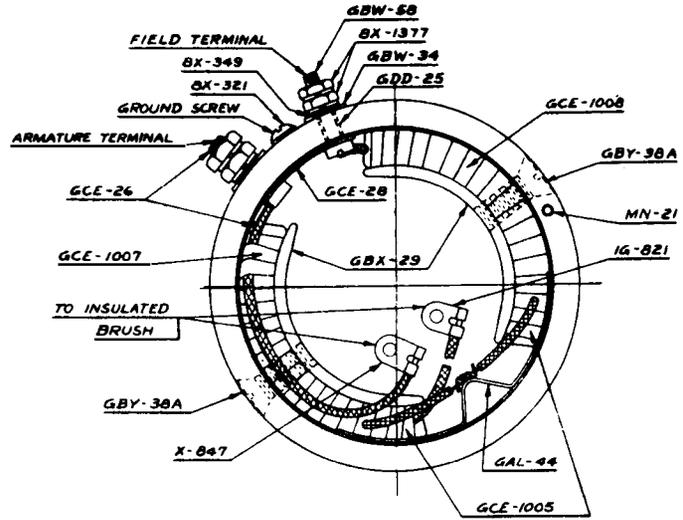
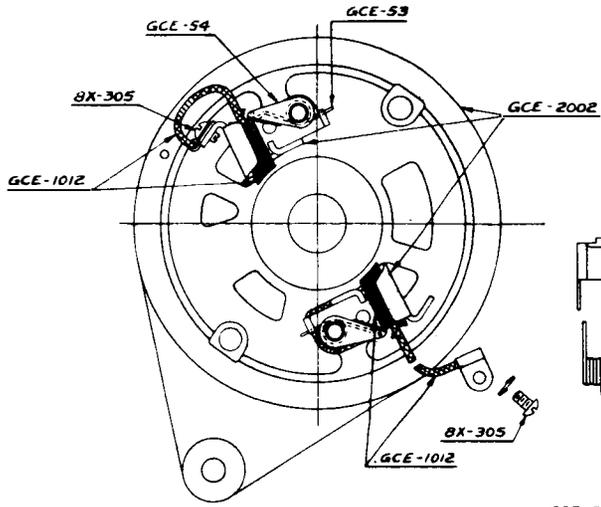
NOTE:- VRB-4008A Current-Voltage Regulator is used with but is not a part of this generator.

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File in
Equipment & Parts List Binder

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

GCE-4813 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCE-4814A GENERATOR PARTS LIST

GCE-4814A

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
DK-23A	2	Frame Screw				
(GCE-2001B)	1	Frame & Field Assy.				
GAA-32	1	Terminal Post Top Ins.				
GAL-44	1	Field Connection Ins.				
GBW-34	1	Insulating Washer				
GBW-58	1	Terminal Post				
GBW-66	1	Terminal Post Bottom Ins.				
GBW-67	1	Terminal Post Ins.				
GBX-29	2	Pole Piece				
GBY-38	2	Pole Piece Screw				
GCE-1005	1	Field Coil Assy. - Comp.				
GCE-1007	1	Field Coil Assy.-Left				
GCE-26	1	Control Lead				
GCE-34	1	Terminal Post				
X-847	1	Terminal				
IG-821	1	Terminal				
GCE-1008	1	Field Coil - Right				
GDD-25	1	Insulating Bushing				
GDD-26	1	Insulating Bushing				
MN-21	2	Dowel Pin				
5X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	1	#10 Lock Washer				
8X-349	1	#10 Plain Washer				
8X-361	1	1/4 Plain Washer				
5X-1377	1	#10-32 Hex. Nut				
8X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	2	#10 Lock Washer				
X-203	2	5/16 Lock Washer				
8X-321	1	#10-32x5/16 Rd. Hd. Screw				
5X-1377	1	#10-32 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

DA-22	1	Bearing Retaining Washer				
DA-39	1	Flat Oil Guard				
DA-60	1	Bearing Retaining Screw				
DH-7	1	Felt Washer				
GBJ-25	1	End Cap Cover Gasket				
GBJ-32	1	Comm. End Cap Cover				
(GCE-2002D)	1	Comm. End Plate Assy.				
GCE-53	2	Brush Spring				
GCE-54	2	Brush Arm				
GCE-1012†	2	Brush - Main				
X-195	1	#8 Lock Washer				
8X-305	1	#8-32x1/4 Rd. Hd. Sc.				
X-195	1	#8 Lock Washer				
X-199	1	1/4 Lock Washer				
X-295	1	Ball Bearing - S.A.E. #203				
8X-305	1	#8-32x1/4 Rd. Hd. Screw				
X-489	1	1/4 Oiler - Press in Type				
X-544	3	#10 Lock Washer				
8X-870	3	#10-32x5/16 Fill. Hd. Screw				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBM-21	1	Armature Shaft Nut				
GBX-2006AF	1	Armature Assembly				
SP-197	1	Drive Pulley				
X-261	1	#6 Woodruff Key				
X-864	1	.669 Lock Washer				

Drive End Head Assembly & Parts Used With

GCE-1003E	1	Drive End Head Assy.				
GAU-31	1	Felt Washer				
GCE-3E	1	Drive End Head				
GG-6	1	Bearing Retainer				
GK-176	1	Felt Washer Retainer				
GT-76	1	Felt Washer Retainer				
GT-78	1	Felt Washer				
X-196	3	#10 Lock Washer				
X-295	1	Ball Brg. - S.A.E. #203				
8X-311	3	#10-32x3/8 Rd. Hd. Sc.				
X-489	1	1/4 Oiler - Press in Type				

Miscellaneous Parts

GCE-24C	1	Head Band				
X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 12-2-37)

† Service Brush Set GCE-2012S.

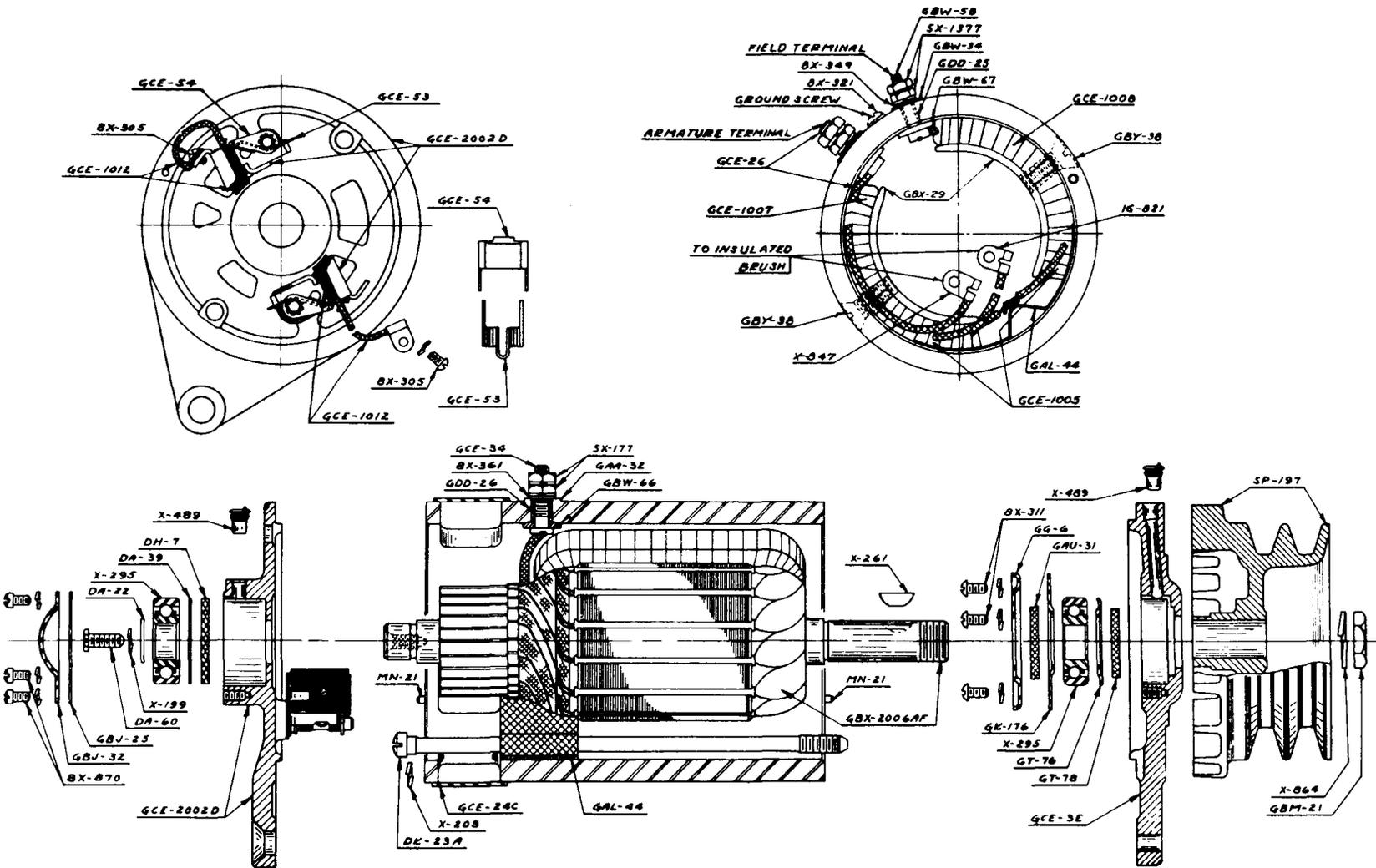
NOTE:- VRB-4008A Current-Voltage Regulator is used with but is not a part of this generator.

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File in
Equipment & Parts List Binder

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

GCE-4814A GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCE-4815A GENERATOR PARTS LIST

GCE-4815A

Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
DK-23A	2	Frame Screw					GEM-21	1	Armature Shaft Nut				
GCB-33	1	Mounting Bracket					GBX-2006AF	1	ARMATURE ASSEMBLY				
(GCE-2065)	1	Frame & Field Assy.					SP-218	1	Drive Pulley				
GAA-32	1	Term. Post Top Ins.					X-261	1	#6 Woodruff Key				
GAL-44	1	Field Connection Ins.					X-864	1	.669 Lock Washer				
GBW-34	1	Insulating Washer					<u>Drive End Head Assembly & Parts Used With</u>						
GBW-58	1	Terminal Post					GCE-2048	1	Drive End Head Assy.				
GBW-66	1	Term. Post Bottom Ins.					GAU-31	1	Felt Washer				
GBW-67	1	Term. Post Bottom Ins.					GCE-48	1	Drive End Head				
GBX-29	2	Pole Piece					GG-6	1	Bearing Retainer				
GBY-38	2	Pole Piece Screw					GK-176	1	Felt Washer Retainer				
GCE-1005	1	FIELD COIL ASSY.-COMP.					GT-76	1	Felt Washer Retainer				
GCE-1007	1	Field Coil Assy.-Left					GT-78	1	Felt Washer				
GCE-26	1	Control Lead					X-196	3	#10 Lock Washer				
GCE-34	1	Terminal Post					X-295	1	BALL BRG. - S.A.E. #203				
X-847	1	Terminal					8X-311	3	#10-32x3/8 Rd. Hd. Sc.				
IG-821	1	Terminal					X-489	1	1/4 Oiler-Press in Type				
GCE-1008	1	Field Coil - Right					<u>Miscellaneous Parts</u>						
GCT-25	1	Insulating Bushing					GCE-24C	1	Head Band				
GCY-25	1	Insulating Bushing					8X-715	1	#10-32x1 1/4 Rd. Hd. Sc.				
MN-21	2	Dowel Pin					8X-794	1	#10-32 Square Nut				
8X-177	1	#14-24 Hex. Nut							1	2	3	4	5
X-193	1	#14 Lock Washer					(Issued 2-27-39)						
X-196	1	#10 Lock Washer											
8X-349	1	#10 Plain Washer											
8X-361	1	1/4 Plain Washer											
8X-1377	1	#10-32 Hex. Nut											
8X-177	1	#14-24 Hex. Nut											
X-193	1	#14 Lock Washer											
X-196	2	#10 Lock Washer											
X-201	4	3/8 Lock Washer											
X-203	2	5/16 Lock Washer											
8X-321	1	#10-32x5/16 Rd. Hd. Sc.											
X-465	4	3/8-24x3/4 Hex. Hd. Sc.											
8X-1377	1	#10-32 Hex. Nut											
<u>Comm. End Plate Assembly & Parts Used With</u>													
DA-22	1	Bearing Retaining Washer											
DA-39	1	Flat Oil Guard											
DA-60	1	Bearing Retaining Screw											
DH-7	1	Felt Washer											
GBJ-25	1	End Cap Cover Gasket											
GBJ-32	1	Comm. End Cap Cover											
GCE-2047A	1	Comm. End Plate Assy.											
GCE-53	2	Brush Spring											
GCE-54	2	Brush Arm											
GCE-1012†	2	Brush - Main											
X-195	1	#8 Lock Washer											
8X-305	1	#8-32x1/4 Rd. Hd. Sc.											
X-195	1	#8 Lock Washer											
X-199	1	1/4 Lock Washer											
X-295	1	BALL BRG. - S.A.E. #203											
8X-305	1	#8-32x1/4 Rd. Hd. Screw											
X-489	1	1/4 Oiler - Press in Type											
X-544	3	#10 Lock Washer											
8X-870	3	#10-32x5/16 Fill. Hd. Sc.											
		1	2	3	4	5							

NOTE:- VRB-4008A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.
 † SERVICE BRUSH SET GCE-2012S.

UNIT	APPLICATION
GCE-4815A	Diamond T

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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

GCE-4816A GENERATOR PARTS LIST

GCE-4816A

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
DK-23A	2	Frame Screw				
(GCE-2001B)	1	Frame & Field Assembly				
GAA-32	1	Terminal Post Top Ins.				
GAL-44	1	Field Connection Ins.				
GBW-34	1	Insulating Washer				
GBW-58	1	Terminal Post				
GBW-66	1	Terminal Post Bottom Ins.				
GEW-67	1	Terminal Post Bottom Ins.				
GBX-29	2	Pole Piece				
GBY-38	2	Pole Piece Screw				
GCE-1005	1	FIELD COIL ASSY.-COMP.				
GCE-1007	1	Field Coil Assy.-Left				
GCE-26	1	Control Lead				
GCE-34	1	Terminal Post				
X-847	1	Terminal				
IG-821	1	Terminal				
GCE-1008	1	Field Coil - Right				
GDD-25	1	Insulating Bushing				
GDD-26	1	Insulating Bushing				
MN-21	2	Dowel Pin				
5X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	1	#10 Lock Washer				
8X-349	1	#10 Plain Washer				
8X-361	1	1/4 Plain Washer				
5X-1377	1	#10-32 Hex. Nut				
5X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	2	#10 Lock Washer				
X-203	2	5/16 Lock Washer				
8X-321	1	#10-32x5/16 Rd. Hd. Screw				
5X-1377	1	#10-32 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

DA-22	1	Bearing Retaining Washer				
DA-39	1	Flat Oil Guard				
DA-60	1	Bearing Retaining Screw				
DH-7	1	Felt Washer				
GBJ-25	1	End Cap Cover Gasket				
GBJ-32	1	Comm. End Cap Cover				
GCE-2002F	1	Comm. End Plate Assembly				
GCE-53	2	Brush Spring				
GCE-54	2	Brush Arm				
GCE-1012†	2	Brush - Main				
X-195	1	#8 Lock Washer				
X-305	1	#8-32x1/4 Rd. Hd. Screw				
X-195	1	#8 Lock Washer				
X-199	1	1/4 Lock Washer				
X-295	1	BALL BEARING - S.A.E. #203				
8X-305	1	#8-32x1/4 Rd. Hd. Screw				
X-489	1	1/4 Oiler - Press in Type				
X-544	3	#10 Lock Washer				
X-870	3	#10-32x5/16 F111. Hd. Screw				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBM-21	1	Armature Shaft Nut				
GBX-2006AF	1	ARMATURE ASSEMBLY				
SP-341	1	Drive Pulley				
X-261	1	#6 Woodruff Key				
X-864	1	.669 Lock Washer				

Drive End Head Assembly & Parts Used With

GCE-1003E	1	Drive End Head Assembly				
GAU-31	1	Felt Washer				
GCE-3E	1	Drive End Head				
GG-6	1	Bearing Retainer				
GK-176	1	Felt Washer Retainer				
GT-76	1	Felt Washer Retainer				
GT-78	1	Felt Washer				
X-196	3	#10 Lock Washer				
X-295	1	BALL BEARING - S.A.F.#203				
8X-311	3	#10-32x3/8 Rd. Hd. Screw				
X-489	1	1/4 Oiler - Press in Type				

Miscellaneous Parts

GCE-24C	1	Head Band				
X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 5-10-39)

NOTE:- VRB-4008A CURRENT VOLTAGE REGULATOR is used with but is not a part of this generator.

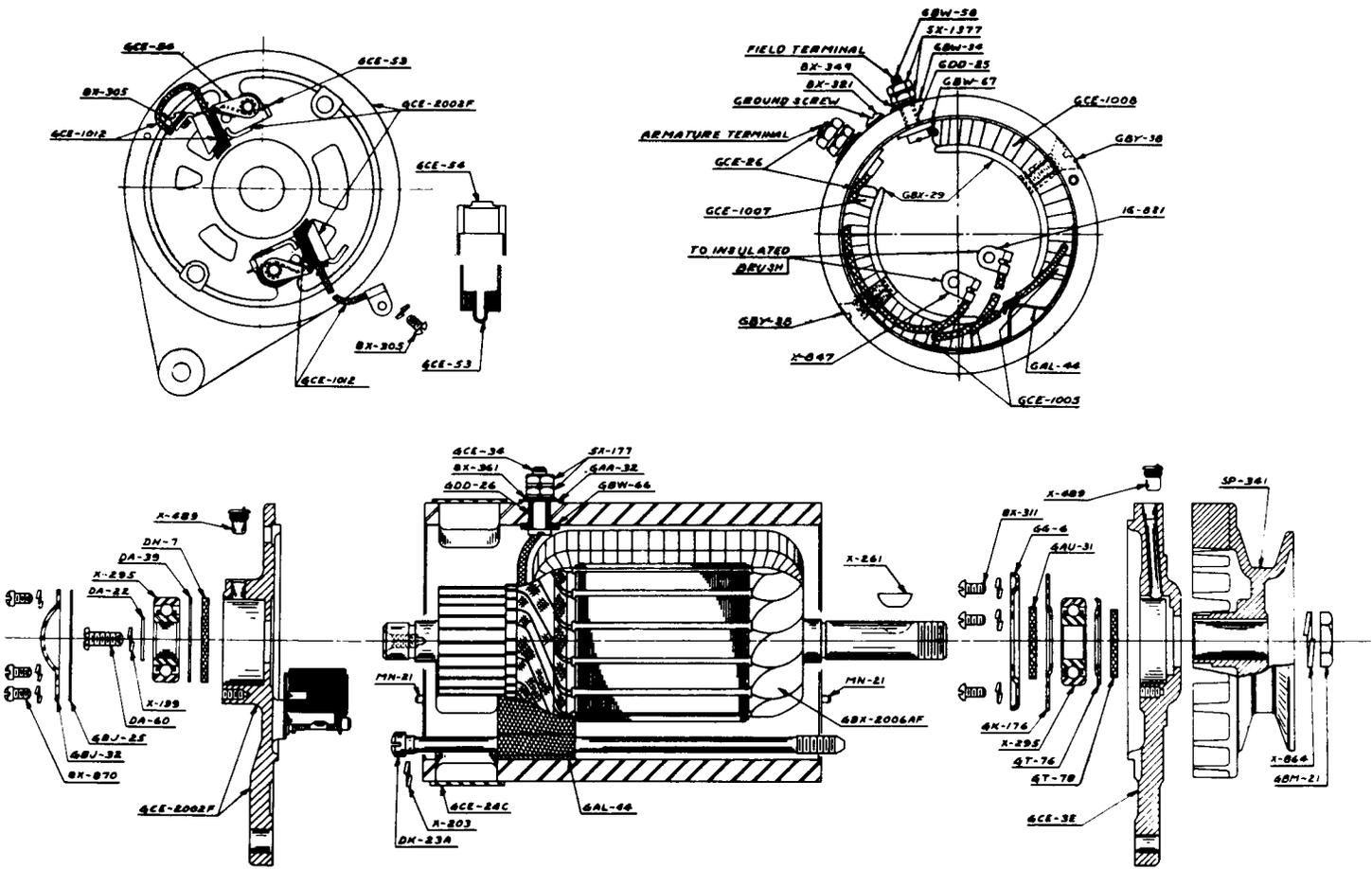
† SERVICE BRUSH SET GCE-2012S.

UNIT	APPLICATION
GCE-4816A	Brockway

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



GCE-4816A GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCE-4817 GENERATOR PARTS LIST

GCE-4817

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
DK-23A	2	Frame Screw					
(GCE-2086)	1	Frame & Field Assembly					
GAA-32	1	Terminal Post Top Ins.					
GAL-44	1	Field Connection Ins.					
GBW-34	1	Insulating Washer					
GBW-58	1	Terminal Post					
GBW-66	1	Terminal Post Bottom Ins.					
GBW-67	1	Terminal Post Bottom Ins.					
GBX-29	2	Pole Piece					
GBY-38	2	Pole Piece Screw					
GCE-60S	1	Mounting Bracket					
GCE-100S	1	FIELD COIL ASSY.-COMP.					
GCE-1007	1	Field Coil Assy.-Left					
GCE-26	1	Control Lead					
GCE-34	1	Terminal Post					
X-847	1	Terminal					
IG-821	1	Terminal					
GCE-1008	1	Field Coil - Right					
GCT-25	1	Insulating Bushing					
GCY-25	1	Insulating Bushing					
MN-21	2	Dowel Pin					
8X-113	2	5/16-24x5/8 Hex. Hd. Sc.					
5X-177	1	#14-24 Hex. Nut					
X-193	1	#14 Lock Washer					
X-196	1	#10 Lock Washer					
8X-349	1	#10 Plain Washer					
8X-361	1	1/4 Plain Washer					
X-1014	2	5/16 Lock Washer					
5X-1377	1	#10-32 Hex. Nut					
5X-177	1	#14-24 Hex. Nut					
X-193	1	#14 Lock Washer					
X-196	2	#10 Lock Washer					
X-203	2	5/16 Lock Washer					
8X-321	1	#10-32x5/16 Rd. Hd. Screw					
5X-1377	1	#10-32 Hex. Nut					

Comm. End Plate Assembly & Parts Used With

DA-39	2	Flat Oil Guard					
DA-132	1	Felt Washer					
DH-7	1	Felt Washer					
GAR-83	1	Comm. End Cap Cover					
GBJ-25	1	End Cap Cover Gasket					
GCE-55	1	Air Deflector					
(GCE-2050)	1	Comm. End Plate Assy.					
GCE-53	2	Brush Spring					
GCE-54	2	Brush Arm					
GCE-1012†	2	Brush - Main					
X-195	1	#8 Lock Washer					
8X-305	1	#8-32x1/4 Rd. Hd. Screw					
8X-62	6	#10-32x3/8 Flat Hd. Screw					
X-195	1	#8 Lock Washer					
X-295	1	BALL BEARING - S.A.E. #203					
8X-305	1	#8-32x1/4 Rd. Hd. Screw					
X-489	1	1/4 Oiler - Press in Type					
			1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
DA-70	1	Armature Shaft Nut					
GBM-21	1	Armature Shaft Nut					
GBX-2062F	1	ARMATURE ASSEMBLY					
SP-230	1	Ventilating Fan					
X-160	1	7/16-20 Hex. Nut					
X-205	1	7/16 Lock Washer					
X-258	1	#3 Woodruff Key					
X-261	1	#6 Woodruff Key					
X-864	1	.669 Lock Washer					

Drive End Head Assembly & Parts Used With

GCE-2048	1	Drive End Head Assembly					
GAU-31	1	Felt Washer					
GCE-48	1	Drive End Head					
GG-6	1	Bearing Retainer					
GK-176	1	Felt Washer Retainer					
GT-76	1	Felt Washer Retainer					
GT-78	1	Felt Washer					
X-196	3	#10 Lock Washer					
X-295	1	BALL BEARING-S.A.E. #203					
8X-311	3	#10-32x3/8 Rd. Hd. Screw					
X-489	1	1/4 Oiler - Press in Type					

Miscellaneous Parts

GCE-24C	1	Head Band					
X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
8X-794	1	#10-32 Square Nut					
			1	2	3	4	5

(Issued 5-10-39)

† SERVICE BRUSH SET GCE-2012S.

NOTE:- VRB-4008A CURRENT VOLTAGE REGULATOR is used with but is not a part of this generator.

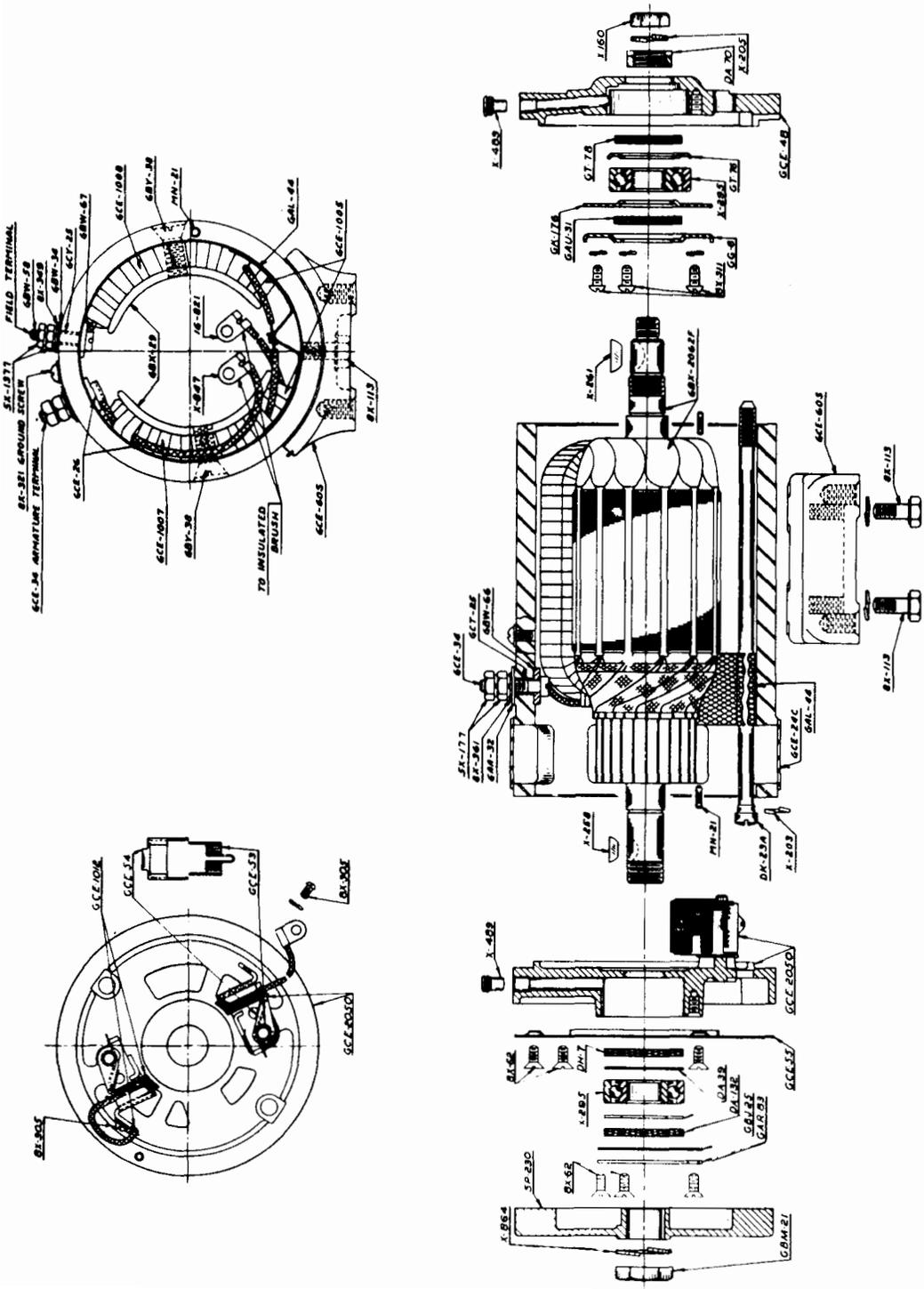
UNIT	APPLICATION
GCE-4817	Brockway

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File in
Equipment & Parts Lists Binder

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

GCE-4817 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCE-4822A GENERATOR PARTS LIST

GCE-4822A

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
DK-23A	2	Frame Screw					
GCE-94	1	Mounting Bracket					
(GCE-2001B)	1	Frame & Field Assembly					
GAA-32	1	Terminal Post Top Ins.					
GAL-44	1	Field Connection Ins.					
GBW-34	1	Insulating Washer					
GBW-58	1	Terminal Post					
GBW-66	1	Terminal Post Bottom Ins.					
GBW-67	1	Terminal Post Bottom Ins.					
GBX-29	2	Pole Piece					
GEY-38	2	Pole Piece Screw					
GCE-1005	1	FIELD COIL ASSY.- Comp.					
GCE-1007	1	Field Coil Assy.-Left					
GCE-26	1	Control Lead					
GCE-34	1	Terminal Post					
X-847	1	Terminal					
IG-821	1	Terminal					
GCE-1008	1	Field Coil - Right					
GDD-25	1	Insulating Bushing					
GDD-26	1	Insulating Bushing					
MN-21	2	Dowel Pin					
5X-177	1	#14-24 Hex. Nut					
X-193	1	#14 Lock Washer					
X-196	1	#10 Lock Washer					
8X-349	1	#10 Plain Washer					
8X-361	1	1/4 Plain Washer					
5X-1377	1	#10-32 Hex. Nut					
5X-177	1	#14-24 Hex. Nut					
X-193	1	#14 Lock Washer					
X-196	2	#10 Lock Washer					
X-203	2	5/16 Lock Washer					
8X-321	1	#10-32x5/16 Rd. Hd. Screw					
X-402	2	1/16x3/4 Cotter Pin					
X-863B	2	5/16-24x1 1/4 Hex. Hd. Screw					
X-1014	2	5/16 Lock Washer					
8X-1061	2	5/16-24 Castellated Nut					
5X-1377	1	#10-32 Hex. Nut					

Comm. End Plate Assy. & Parts Used With

DA-22	1	Bearing Retaining Washer					
DA-39	1	Flat Oil Guard					
DA-60	1	Bearing Retaining Screw					
DH-7	1	Felt Washer					
GBJ-25	1	End Cap Cover Gasket					
GBJ-32	1	Comm. End Cap Cover					
GCE-2002F	1	Comm. End Plate Assembly					
GCE-53	2	Brush Spring					
GCE-54	2	Brush Arm					
GCE-1012†	2	Brush - Main					
X-195	1	#8 Lock Washer					
X-305	1	#8-32x1/4 Rd. Hd. Screw					
X-195	1	#8 Lock Washer					
X-199	1	1/4 Lock Washer					
X-295	1	BALL BEARING - S.A.E. #203					
8X-305	1	#8-32x1/4 Rd. Hd. Screw					
X-489	1	1/4 Oiler - Press in Type					
X-544	3	#10 Lock Washer					
8X-870	3	#10-32x5/16 Fill. Hd. Sc.					
		1 2 3 4 5					

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
GBM-21	1	Armature Shaft Nut					
GBX-2006AF	1	ARMATURE ASSEMBLY					
SP-218	1	Drive Pulley					
X-261	1	#6 Woodruff Key					
X-864	1	.669 Lock Washer					

Drive End Head Assy. & Parts Used With

GCE-1092	1	Drive End Head Assembly					
GAU-31	1	Felt Washer					
GCE-92	1	Drive End Head					
GG-6	1	Bearing Retainer					
GK-176	1	Felt Washer Retainer					
GT-76	1	Felt Washer Retainer					
GT-78	1	Felt Washer					
X-196	3	#10 Lock Washer					
X-295	1	BALL BRG.- S.A.E. #203					
8X-311	3	#10-32x3/8 Rd. Hd. Sc.					
X-489	1	1/4 Oiler - Press in Type					

Miscellaneous Parts

GCE-24C	1	Head Band					
X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
8X-794	1	#10-32 Square Nut					
		1 2 3 4 5					

(Issued 5-2-40)

NOTE:- VRP-4006A CURRENT-VOLTAGE REGULATOR is used with but is not part of this generator.

† Service BRUSH SET GCE-2012S.

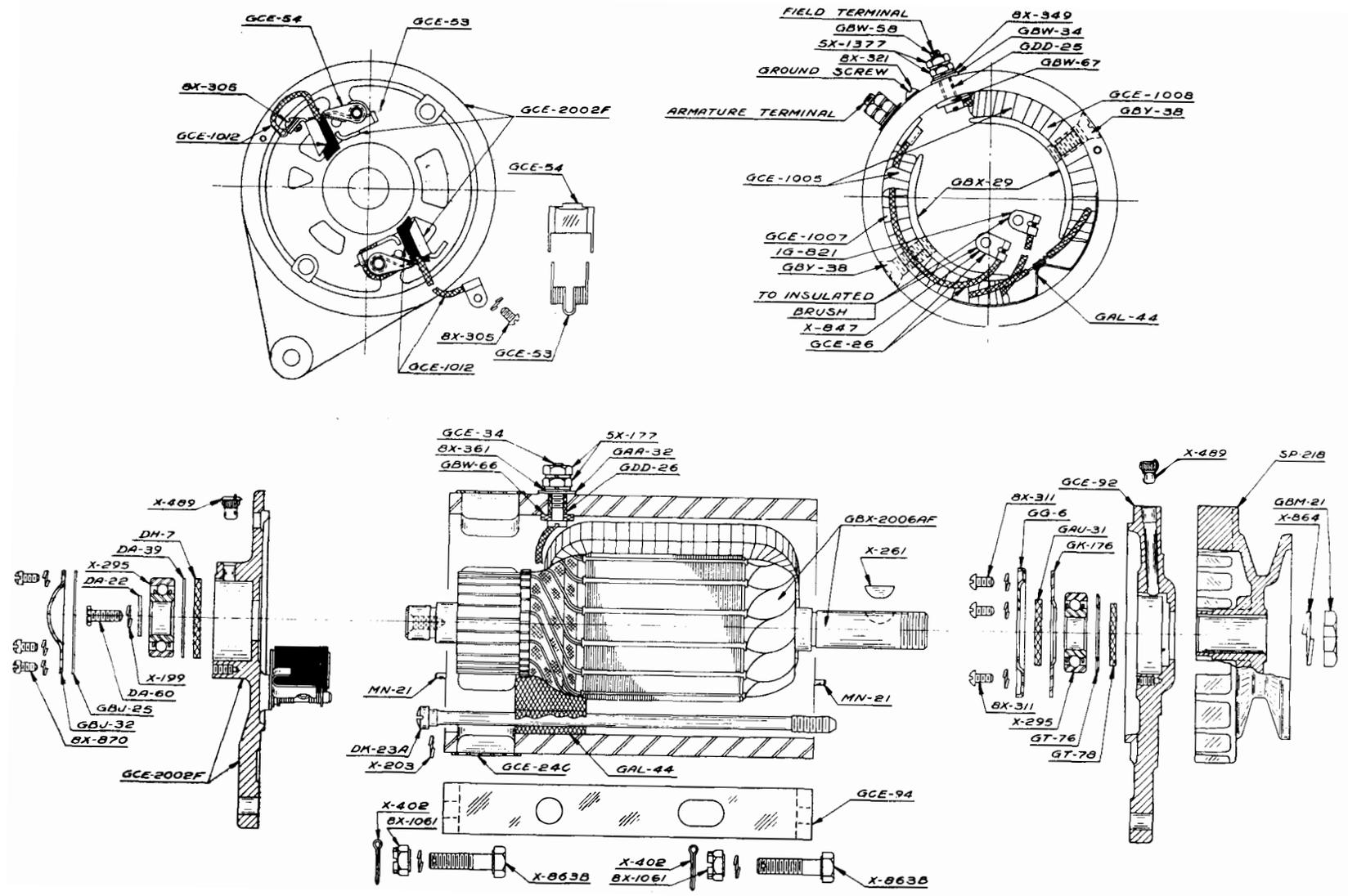
UNIT	APPLICATION
GCE-4822A	Diamond T

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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."

GCE-4822A GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCG-4601 MOTOR GENERATOR PARTS LIST

GCG-4601

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(GCG-3001)	1	Frame & Field Assy.				
GAR-211	2	Insulating Bushing				
GCG-29	2	Pole Piece				
GCG-1007	1	Shunt Coil - Left				
GCG-1008A	1	Series Field Coil Assy. - Right				
GCG-31	1	Series Lead - Green				
GCG-32	1	Ins. Brush Lead Assy.				
X-1425	1	Terminal				
GCG-34	1	C.B. Lead - White				
GK-58	2	Pole Piece Screw				
MAB-30	1	Field Connection Ins.				
MN-21	2	Dowel Pin				
MW-20	2	Frame Screw				
X-199	2	1/4 Lock Washer				

Comm. End Plate Assembly & Parts Used With

DA-22	1	Bearing Retaining Washer				
DA-39	1	Flat Oil Guard				
DA-60	1	Bearing Retaining Screw				
DJ-4	1	Comm. End Cap Cover				
DJ-10	1	End Cap Cover Gasket				
GCG-1012	2	Brush - Main				
GCG-3002	1	Comm. End Plate Assy.				
GR-32	1	Felt Washer Retainer				
GR-35	1	Felt Washer				
X-195	2	#8 Lock Washer				
X-199	1	1/4 Lock Washer				
X-295	1	Ball Brg. - S.A.E. #203				
BX-305	2	#8-32x1/4 Rd. Hd. Screw				
X-489	1	1/4 Oiler - Press in Type				
X-544	3	#10 Lock Washer				
BX-870	3	#10-32x5/16 Fill. Hd. Screw				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBM-21	1	Armature Shaft Nut				
GCG-3286F	1	Armature Assy.				
GAR-171	2	Snap Ring				
GR-32	1	Felt Washer Retainer				
SP-216	1	Drive Pulley				
X-260	1	#5 Woodruff Key				
X-864	1	.669 Lock Washer				

Drive End Head Assembly & Parts Used With

GAR-1062D	1	Drive End Head Assy.				
GAR-82C	1	Drive End Head				
GAR-63	2	Felt Guard				
GAR-64	2	Bearing Retainer				
GG-164	2	Felt Washer				
BX-173	3	#10-32 Hex. Nut				
X-295	1	Ball Brg. - S.A.E. #203				
X-386	1	Ball Oiler - 1/4 Press-In				
BX-1003	3	#10-32x7/8 Rd. Hd. Screw				
X-1270	3	#10 Skpf. Washer				

Miscellaneous Parts

GAL-1024	1	Head Band Assembly				
X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
BX-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 7-24-36)

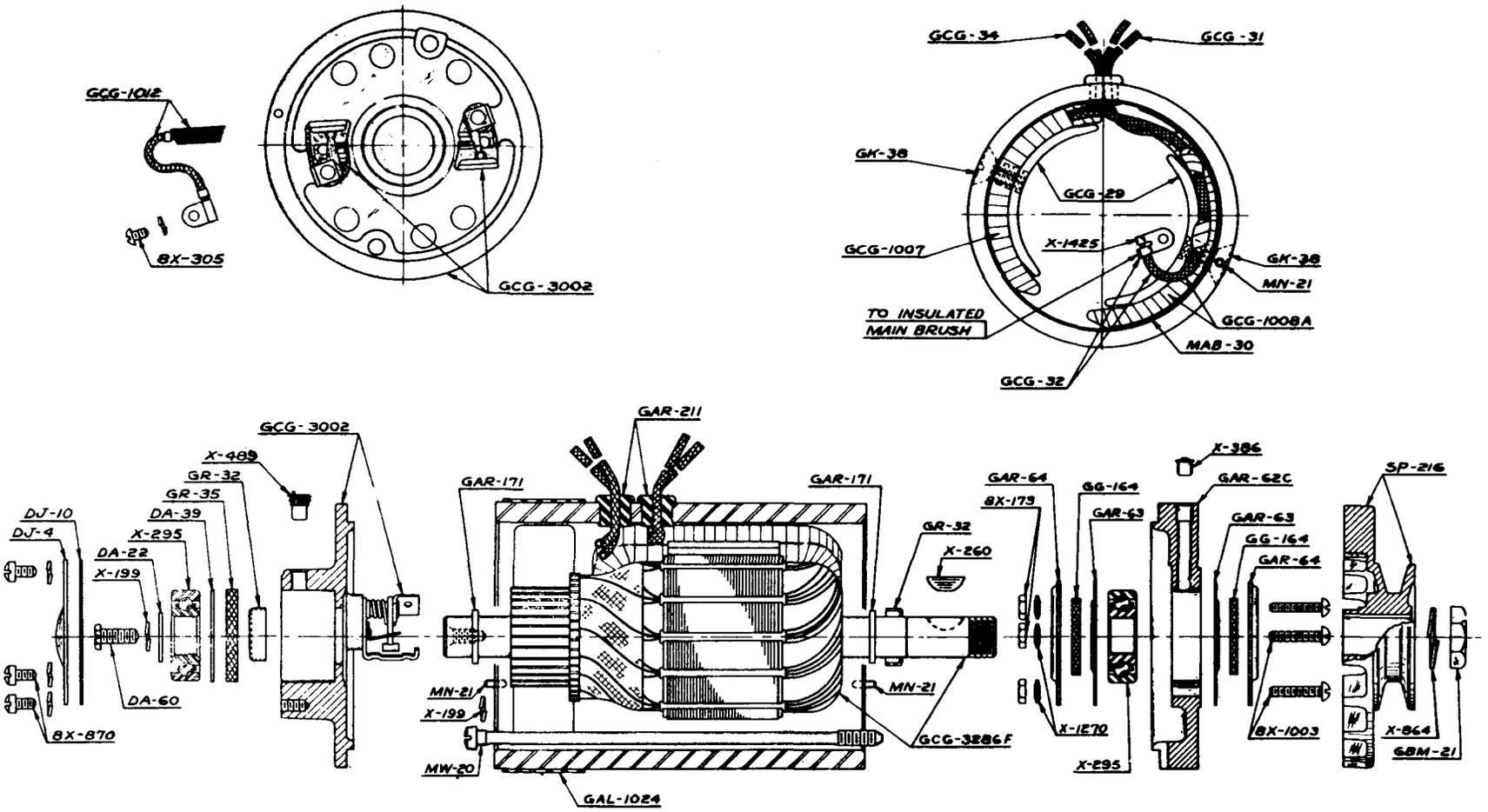
NOTE:- Use GCG-2012S brush set in servicing this unit.

Printed in U. S. A.

File in
Equipment & Parts Lists Binder

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

GCG-4601 MOTOR-GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCH-4601 GENERATOR PARTS LIST

GCH-4601

Frame & Field Assembly & Parts Used With					Comm. End Plate Assembly (Continued)									
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
GBG-69	1	Mounting Bracket					GK-151	1	Plain Steel Washer					
(GCH-2031)	1	Frame & Field Assy.					8X-208	1	#10-32x9/16 Hex. Hd. Sc.					
GBF-55	1	Insulating Washer					8X-361	2	1/4 Plain Washer					
GBG-22	1	Terminal Post - 10-32					X-1270	1	#10 Skpf. Washer					
GBG-23	1	Terminal Post - 5/16-24					GCH-1012	4	Brush - Main					
GBG-27	1	Control Lead Assy.					X-195	4	#8 Lock Washer					
MAB-14A	1	Terminal					8X-305	4	#8-32x1/4 Rd. Hd. Sc.					
X-1425	2	Terminal					8X-118	6	#10-32x3/4 Fill. Hd. Screw					
GBG-29	1	Terminal Post Insulation					X-195	3	#8 Lock Washer					
GBG-30	1	Field Connection Ins.					X-196	10	#10 Lock Washer					
GBG-38	8	Pole Piece Screw					X-199	1	1/4 Lock Washer					
GBG-62	1	Terminal Post Insulation					8X-305	3	#8-32x1/4 Rd. Hd. Screw					
GBH-29	4	Pole Piece					X-394	1	Screw-in - Sleeve Oiler					
GCH-1005	1	Field Coil Assy. - Comp.					X-440	1	Ball Bearing - Shielded					
GCH-1007	1	Field Coil Assy. - U.R.					8X-870	4	#10-32x5/16 Fill. Hd. Screw					
					<u>Armature Assembly & Parts Used With</u>									
GBG-26	1	Terminal					GBG-49	2	Armature Shaft Spacer					
GCH-1008	1	Field Coil - L.L.					GCH-2030F	1	Armature Assy.					
GCH-1009	1	Field Coil - L.R.					SP-217	1	Drive Pulley					
GCH-1010	1	Field Coil Assy. - U.L.					X-263	1	#8 Woodruff Key					
X-1425	1	Terminal					X-1134	1	5/8 Plain Washer					
GCV-25	1	Insulating Bushing					X-1177	1	5/8 Skpf. Washer					
GCV-26	1	Insulating Bushing					X-1178	1	5/8-18 Hex. Nut					
MU-36	1	Insulating Washer					<u>Drive End Head Assembly & Parts Used With</u>							
MU-37	1	5/16 Plain Washer					GBG-1068	1	Drive End Head Assy.					
8X-183A	1	#10 Plain Washer					GBG-50	1	Gasket					
X-196	1	#10 Lock Washer					GBG-57	1	Felt Washer Retainer					
X-1014	1	5/16 Lock Washer					GBG-58	1	Felt Washer					
8X-1376	1	5/16-24 Hex. Nut					GBG-68	1	Drive End Head					
8X-1377	1	#10-32 Hex. Nut					GBG-1056	1	Bearing Retainer Assy.					
X-33	1	3/8-24x11/16 Flat Hd. Screw					GBG-56	1	Bearing Retainer					
X-196	2	#10 Lock Washer					GBG-57	1	Felt Washer Retainer					
X-201	3	3/8 Lock Washer					GBG-58	1	Felt Washer					
8X-321	1	#10-32x5/16 Rd. Hd. Screw					8X-119	4	#10-32x1/2 Fill. Hd. Sc.					
X-465	3	3/8-24x3/4 Hex. Hd. Screw					X-196	4	#10 Lock Washer					
X-1014	1	5/16 Lock Washer					X-444	1	Ball Brg. - S.A.E. #305					
8X-1376	1	5/16-24 Hex. Nut					8X-118	6	#10-32x3/4 Fill. Hd. Screw					
8X-1377	1	#10-32 Hex. Nut					X-394	1	Screw-in - Sleeve Oiler					
					<u>Comm. End Plate Assembly & Parts Used With</u>									
DA-60	1	Bearing Retaining Screw					X-544	6	#10 Lock Washer					
GBG-46	1	Spring Washer					<u>Miscellaneous Parts</u>							
GBG-47	1	Felt Washer					GBG-24	1	Head Band					
GBG-48	2	Felt Washer Retainer					X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
GBG-63	1	Comm. End Cap Cover					8X-794	1	#10-32 Square Nut					
GBG-64	1	End Cap Cover Gasket							1	2	3	4	5	
GBG-66	1	Bearing Retaining Washer					(Issued 11-1-37)							
(GBG-2002A)	1	Comm. End Plate Assy.												
DA-38	2	Spring Washer												
DE-85	1	Steel Washer												
GBG-2	1	Comm. End Plate												
GBG-41	2	Brush Holder Plate Screw												
GBG-51	2	Plain Washer												
GBG-1031	1	Brush Holder Plate Assy.												
GBG-18R	4	Brush Holder												
GBG-36	4	Brush Spring												
GBG-40	4	Brush Holder Terminal												
GBG-85	4	Brush Holder Stud												
GBG-1037	4	Brush Arm												
8X-173	4	#10-32 Hex. Nut												
X-196	4	#10 Lock Washer												
		1	2	3	4	5								

NOTE:- Use GCH-2012S brush set in servicing this unit.

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File in
Equipment & Parts Lists Binder

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCH-4502 GENERATOR PARTS LIST

GCH-4502

Frame & Field Assembly & Parts Used With						Comm. End Plate Assembly (Continued)								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
(GCH-2033)	1	Frame & Field Assy.					8X-361	2	1/4 Plain Washer					
GBF-55	1	Insulating Washer					X-1270	1	#10 Skpf. Washer					
GBG-22	1	Terminal Post - #10-32					8X-118	6	#10-32x3/4 Fill. Hd. Screw					
GBG-23	1	Terminal Post - 5/16-24					X-195	3	#8 Lock Washer					
GBG-27	1	Control Lead Assy.					X-196	10	#10 Lock Washer					
MAB-14A	1	Terminal					X-199	1	1/4 Lock Washer					
X-1425	2	Terminal					8X-305	3	#8-32x1/4 Rd. Hd. Screw					
GBG-28	1	Terminal Post Insulation					X-394	1	Screw-in - Sleeve Oiler					
GBG-30	1	Field Connection Ins.					X-440	1	Ball Bearing - Shielded					
GBG-38	8	Pole Piece Screw					X-544	6	#10 Lock Washer					
GBG-62	1	Terminal Post Insulation					8X-870	4	#10-32x5/16 Fill. Hd. Screw					
GBH-29	4	Pole Piece					<u>Armature Assembly & Parts Used With</u>							
GCH-1005	1	Field Coil Assy. - Comp.					GBG-49	2	Armature Shaft Spacer					
GCH-1007	1	Field Coil Assy. - U.R.					GBG-81	1	Snap Ring					
							GCH-2032F	1	Armature Assembly					
GBG-26	1	Terminal					SP-227	1	Ventilating Fan					
GCH-1008	1	Field Coil - L.L.					X-158	1	1/2-20 Hex. Nut					
GCH-1009	1	Field Coil - L.R.					X-198	1	1/2 Lock Washer					
GCH-1010	1	Field Coil Assy. - U.L.					X-261	1	#6 Woodruff Key					
							X-263	1	#8 Woodruff Key					
X-1425	1	Terminal					X-358	1	1/2 Plain Steel Washer					
IGL-10	1	Insulating Bushing					<u>Drive End Head Assembly & Parts Used With</u>							
MU-31	1	Insulating Bushing					GBG-1068	1	Drive End Head Assy.					
MU-36	1	Insulating Washer					GBG-50	1	Gasket					
MU-37	1	5/16 Plain Washer					GBG-57	1	Felt Washer Retainer					
8X-183A	1	#10 Plain Washer					GBG-58	1	Felt Washer					
X-196	1	#10 Lock Washer					GBG-68	1	Drive End Head					
X-1014	1	5/16 Lock Washer					GBG-1056	1	Bearing Retainer Assy.					
8X-1376	1	5/16-24 Hex. Nut					GBG-56	1	Bearing Retainer					
8X-1377	1	#10-32 Hex. Nut					GBG-57	1	Felt Washer Retainer					
X-196	2	#10 Lock Washer					GBG-58	1	Felt Washer					
8X-321	1	#10-32x5/16 Rd. Hd. Screw					8X-119	4	#10-32x1/2 Fill. Hd. Screw					
X-1014	1	5/16 Lock Washer					X-196	4	#10 Lock Washer					
8X-1376	1	5/16-24 Hex. Nut					X-444	1	Ball Brg. - S.A.E. #305					
8X-1377	1	#10-32 Hex. Nut					8X-118	6	#10-32x3/4 Fill. Hd. Screw					
							X-394	1	Screw-in - Sleeve Oiler					
<u>Comm. End Plate Assembly & Parts Used With</u>						<u>Miscellaneous Parts</u>								
DA-60	1	Bearing Retaining Screw					GBG-24	1	Head Band					
GBG-46	1	Spring Washer					X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
GBG-47	1	Felt Washer					8X-794	1	#10-32 Square Nut					
GBG-48	2	Felt Washer Retainer												
GBG-83	1	Comm. End Cap Cover												
GBG-64	1	End Cap Cover Gasket												
GBG-66	1	Bearing Retaining Washer												
(GBG-2002A)	1	Comm. End Plate Assy.												
DA-38	2	Spring Washer												
DE-85	1	Steel Washer												
GBG-2	1	Comm. End Plate												
GBG-41	2	Brush Holder Plate Screw												
GBG-51	2	Plain Washer												
GBG-1031	1	Brush Holder Plate Assy.												
GBG-18R	4	Brush Holder												
GBG-36	4	Brush Spring												
GBG-40	4	Brush Holder Terminal												
GBG-85	4	Brush Holder Stud												
GBG-1037	4	Brush Arm												
8X-173	4	#10-32 Hex. Nut												
X-196	4	#10 Lock Washer												
GCH-1012‡	4	Brush - Main												
GA-151	1	Plain Steel Washer												
X-195	4	#8 Lock Washer												
8X-208	1	#10-32x9/16 Hex. Hd. Sc.												
8X-305	4	#8-32x1/4 Rd. Hd. Screw												
			1	2	3	4	5							

(Issued 4-5-37)

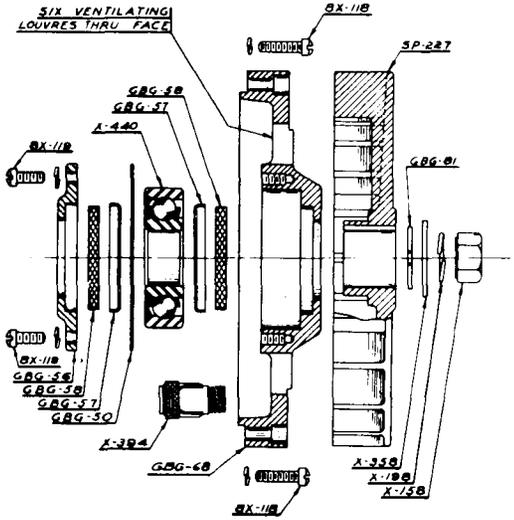
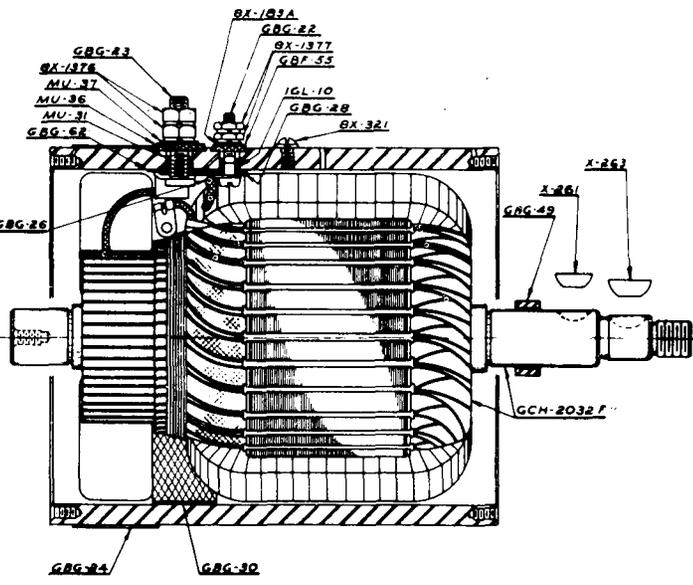
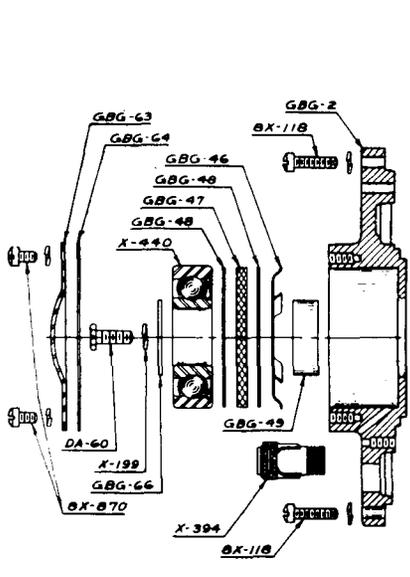
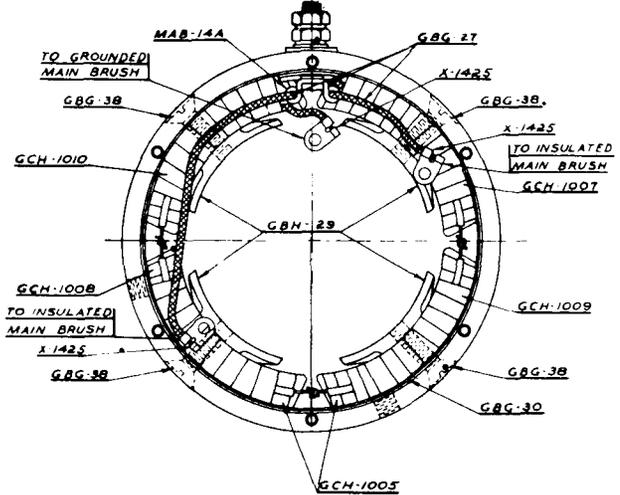
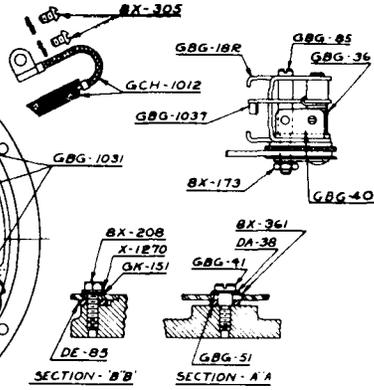
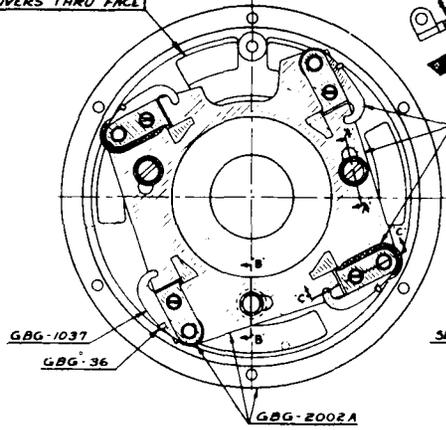
NOTE:- VRC-4101A Current-Voltage Regulator is used with but is not a part of this generator.
 ‡ Service Brush Set GCH-2012S.

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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."

FIVE VENTILATING
LOUVERS THRU FACE



GCH-4602 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCH-4502 GENERATOR PARTS LIST

GCH-4502

Frame & Field Assembly & Parts Used With					Comm. End Plate Assembly (Continued)								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(GCH-2033)	1	Frame & Field Assy.					8X-361	2	1/4 Plain Washer				
GBF-55	1	Insulating Washer					X-1270	1	#10 Skpf. Washer				
GBG-22	1	Terminal Post - #10-32					8X-118	6	#10-32x3/4 Fill. Hd. Screw				
GBG-23	1	Terminal Post - 5/16-24					X-195	3	#8 Lock Washer				
GBG-27	1	Control Lead Assy.					X-196	10	#10 Lock Washer				
MAB-14A	1	Terminal					X-199	1	1/4 Lock Washer				
X-1425	2	Terminal					8X-305	3	#8-32x1/4 Rd. Hd. Screw				
GBG-28	1	Terminal Post Insulation					X-394	1	Screw-in - Sleeve Oiler				
GBG-30	1	Field Connection Ins.					X-440	1	Ball Bearing - Shielded				
GBG-38	8	Pole Piece Screw					X-544	6	#10 Lock Washer				
GBG-62	1	Terminal Post Insulation					8X-870	4	#10-32x5/16 Fill. Hd. Screw				
GBH-29	4	Pole Piece					<u>Armature Assembly & Parts Used With</u>						
GCH-1005	1	Field Coil Assy. - Comp.					GBG-49	2	Armature Shaft Spacer				
GCH-1007	1	Field Coil Assy. - U.R.					GBG-81	1	Snap Ring				
GBG-26	1	Terminal					GCH-2032F	1	Armature Assembly				
GCH-1008	1	Field Coil - L.L.					SP-227	1	Ventilating Fan				
GCH-1009	1	Field Coil - L.R.					X-158	1	1/2-20 Hex. Nut				
GCH-1010	1	Field Coil Assy. - U.L.					X-198	1	1/2 Lock Washer				
X-1425	1	Terminal					X-261	1	#6 Woodruff Key				
IGL-10	1	Insulating Bushing					X-263	1	#8 Woodruff Key				
MU-31	1	Insulating Bushing					X-358	1	1/2 Plain Steel Washer				
MU-36	1	Insulating Washer					<u>Drive End Head Assembly & Parts Used With</u>						
MU-37	1	5/16 Plain Washer					GBG-1068	1	Drive End Head Assy.				
8X-183A	1	#10 Plain Washer					GBG-50	1	Gasket				
X-196	1	#10 Lock Washer					GBG-57	1	Felt Washer Retainer				
X-1014	1	5/16 Lock Washer					GBG-58	1	Felt Washer				
8X-1376	1	5/16-24 Hex. Nut					GBG-68	1	Drive End Head				
8X-1377	1	#10-32 Hex. Nut					GBG-1056	1	Bearing Retainer Assy.				
X-196	2	#10 Lock Washer					GBG-56	1	Bearing Retainer				
8X-321	1	#10-32x5/16 Rd. Hd. Screw					GBG-57	1	Felt Washer Retainer				
X-1014	1	5/16 Lock Washer					GBG-58	1	Felt Washer				
8X-1376	1	5/16-24 Hex. Nut					8X-119	4	#10-32x1/2 Fill. Hd. Screw				
8X-1377	1	#10-32 Hex. Nut					X-196	4	#10 Lock Washer				
<u>Comm. End Plate Assembly & Parts Used With</u>					X-444	1	Ball Brg. - S.A.E. #305						
DA-60	1	Bearing Retaining Screw					8X-118	6	#10-32x3/4 Fill. Hd. Screw				
GBG-46	1	Spring Washer					X-394	1	Screw-in - Sleeve Oiler				
GBG-47	1	Felt Washer					<u>Miscellaneous Parts</u>						
GBG-48	2	Felt Washer Retainer					GBG-24	1	Head Band				
GBG-63	1	Comm. End Cap Cover					X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
GBG-64	1	End Cap Cover Gasket					8X-794	1	#10-32 Square Nut				
GBG-66	1	Bearing Retaining Washer							1	2	3	4	5
(GBG-2002A)	1	Comm. End Plate Assy.											
DA-38	2	Spring Washer											
DE-85	1	Steel Washer											
GBG-2	1	Comm. End Plate											
GBG-41	2	Brush Holder Plate Screw											
GBG-51	2	Plain Washer											
GBG-1031	1	Brush Holder Plate Assy.											
GBG-18R	4	Brush Holder											
GBG-36	4	Brush Spring											
GEC-40	4	Brush Holder Terminal											
GBG-85	4	Brush Holder Stud											
GBG-1037	4	Brush Arm											
8X-173	4	#10-32 Hex. Nut											
X-196	4	#10 Lock Washer											
GCH-1012†	4	Brush - Main											
GK-151	1	Plain Steel Washer											
X-195	4	#8 Lock Washer											
8X-208	1	#10-32x9/16 Hex. Hd. Sc.											
8X-305	4	#8-32x1/4 Rd. Hd. Screw											
		1	2	3	4	5							

(Issued 4-5-37)

NOTE:- VRC-4101A Current-Voltage Regulator is used with but is not a part of this generator.

† Service Brush Set GCH-2012S.

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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

GCH-4603 GENERATOR PARTS LIST

GCH-4603

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(GCH-2036)	1	Frame & Field Assy.				
GBF-55	1	Insulating Washer				
GBG-22	1	Terminal Post - 10-32				
GBG-23	1	Terminal Post - 5/16-24				
GBG-27	1	Control Lead Assy.				
MAB-14A	1	Terminal				
X-1425	2	Terminal				
GBG-28	1	Terminal Post Ins.				
GBG-30	1	Field Connection Ins.				
GBG-38	8	Pole Piece Screw				
GBG-62	1	Terminal Post Ins.				
GBH-29	4	Pole Piece				
GCH-1005	1	Field Coil Assy.-Comp.				
GCH-1007	1	Field Coil Assy.-U.R.				
GBG-26	1	Terminal				
GCH-1008	1	Field Coil - L.L.				
GCH-1009	1	Field Coil - L.R.				
GCH-1010	1	Field Coil Assy.-U.L.				
X-1425	1	Terminal				
GCY-25	1	Insulating Bushing				
GCY-26	1	Insulating Bushing				
MU-36	1	Insulating Washer				
MU-37	1	5/16 Plain Washer				
8X-183A	1	#10 Plain Washer				
X-196	1	#10 Lock Washer				
X-1014	1	5/16 Lock Washer				
8X-1376	1	5/16-24 Hex. Nut				
8X-1377	1	#10-32 Hex. Nut				
X-196	2	#10 Lock Washer				
8X-321	1	#10-32x5/16 Rd. Hd. Sc.				
X-1014	1	5/16 Lock Washer				
8X-1376	1	5/16-24 Hex. Nut				
8X-1377	1	#10-32 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

GBG-46	1	Spring Washer				
GBG-47	1	Felt Washer				
GBG-48	2	Felt Washer Retainer				
GBG-50	1	Gasket				
GBG-1056	1	Bearing Retainer Assy.				
GBG-56	1	Bearing Retainer				
GBG-57	1	Felt Washer Retainer				
GBG-58	1	Felt Washer				
(GBG-2075A)	1	Comm. End Plate Assy.				
DA-38	2	Spring Washer				
DE-85	1	Steel Washer				
GBG-41	2	Brush Holder Plate Screw				
GBG-51	2	Plain Washer				
GBG-75	1	Comm. End Plate				
GBG-1031	1	Brush Holder Plate Assy.				
GBG-18R	4	Brush Holder				
GBG-36	4	Brush Spring				
GBG-40	4	Brush Holder Terminal				
GBG-85	4	Brush Holder Stud				
GBG-1037	4	Brush Arm				
8X-173	4	#10-32 Hex. Nut				
X-196	4	#10 Lock Washer				

1 2 3 4 5

Comm. End Plate Assembly (Continued)

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GCH-1012†	4	Brush - Main				
GK-151	1	Plain Steel Washer				
X-195	4	#8 Lock Washer				
8X-208	1	#10-32x9/16 Hex.Hd.Screw				
8X-305	4	#8-32x1/4 Rd. Hd. Screw				
8X-361	2	1/4 Plain Washer				
X-1270	1	#10 Skpf. Washer				
8X-118	6	#10-32x3/4 Fill. Hd. Screw				
8X-119	4	#10-32x1/2 Fill. Hd. Screw				
X-195	3	#8 Lock Washer				
X-196	4	#10 Lock Washer				
8X-305	3	#8-32x1/4 Rd. Hd. Screw				
X-394	1	Screw in - Sleeve Oiler				
X-440	1	Ball Bearing - Shielded				
X-544	6	#10 Lock Washer				

Armature Assembly & Parts Used With

DG-73	1	Armature Shaft Sleeve				
GBG-49	2	Armature Shaft Spacer				
GBG-77	1	Plain Washer				
GBG-1072	1	Oil Thrower Assy.				
GBM-21	1	Armature Shaft Nut				
GCH-2035F	1	Armature Assembly				
SP-223	1	Ventilating Fan				
X-261	1	#6 Woodruff Key				
X-864	1	.669 Lock Washer				

Drive End Head Assembly & Parts Used With

GBG-1071	1	Drive End Head Assy.				
GBG-50	1	Gasket				
GBG-71	1	Drive End Head				
GBG-1056	1	Bearing Retainer Assy.				
GBG-56	1	Bearing Retainer				
GBG-57	1	Felt Washer Retainer				
GBG-58	1	Felt Washer				
8X-119	4	#10-32x1/2 Fill.Hd.Screw				
X-196	4	#10 Lock Washer				
X-440	1	Ball Brg. - Shielded				
X-199	5	1/4 Lock Washer				
X-394	1	Screw in - Sleeve Oiler				
8X-456	5	1/4-28x1 Hex. Hd. Screw				

Miscellaneous Parts

GBG-24A	1	Head Band				
X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 12-2-37)

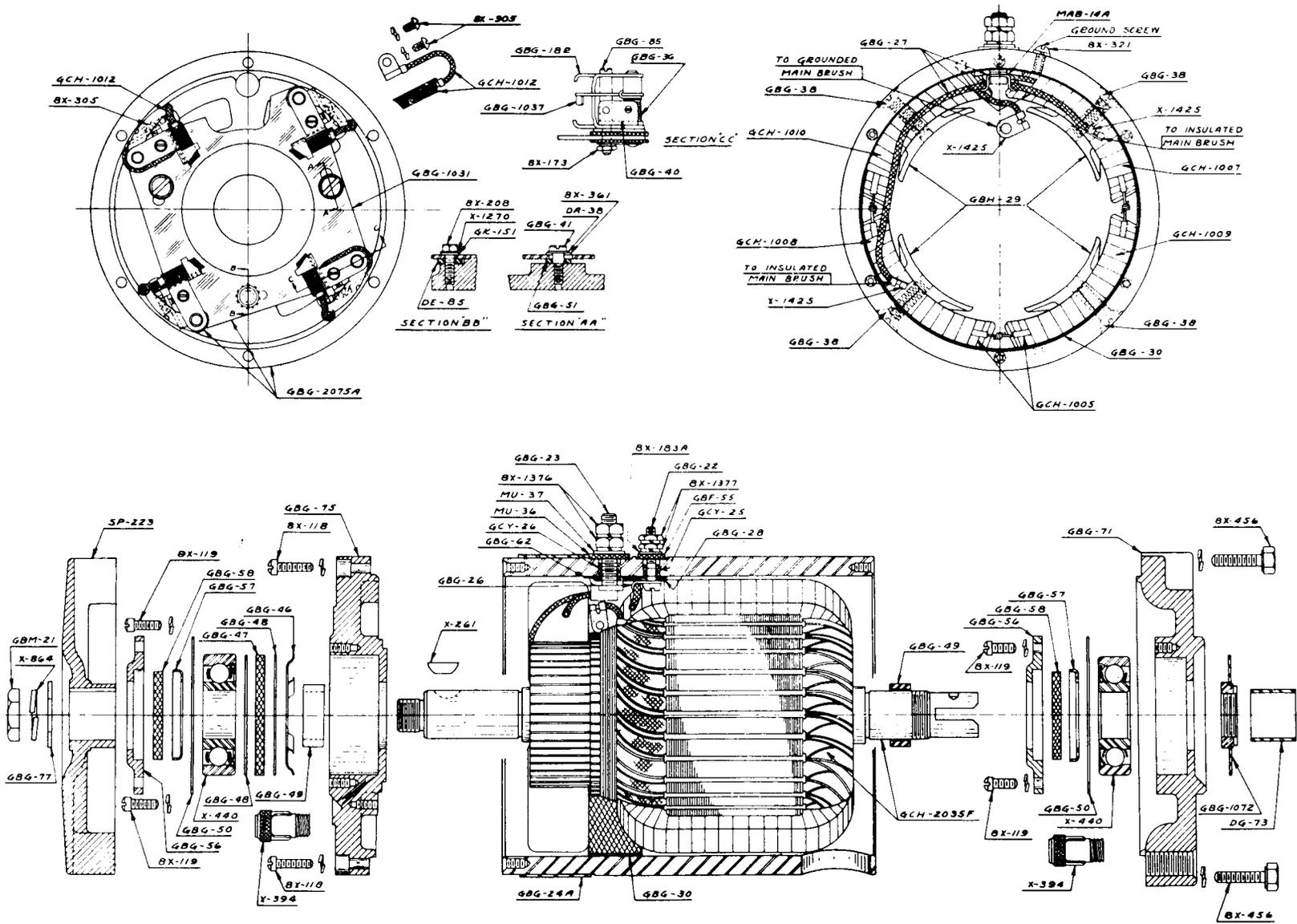
NOTE:- VRC-4101A Current-Voltage Regulator is used with but is not a part of this generator.

† Service Brush Set GCH-2012S.

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File in
Equipment & Parts List Binder

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



GCH-4603 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCH-4604 GENERATOR PARTS LIST

GCH-4604

Frame & Field Assembly & Parts Used With					Comm. End Plate Assembly (Continued)								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(GCH-2001A)	1	Frame & Field Assy.					8X-118	6	#10-32x3/4 Fill. Hd. Sc.				
GBF-55	1	Insulating Washer					X-195	3	#8 Lock Washer				
GBG-22	1	Terminal Post #10-32					12X-196	10	#10 Lock Washer				
GBG-23	1	Terminal Post - 5/16-24					X-199	1	1/4 Lock Washer				
GBG-27	1	Control Lead Assy.					8X-305	3	#8-32x1/4 Rd. Hd. Screw				
MAB-14A	1	Terminal					X-394	1	Screw in - Sleeve Oiler				
X-1425	2	Terminal					X-440	1	BALL BRG. - SHIELDED				
GBG-28	1	Term. Post Insulation					8X-870	4	#10-32x5/16 Fill. Hd. Sc.				
GBG-30	1	Field Connection Ins.					<u>Armature Assembly & Parts Used With</u>						
GBG-38	8	Pole Piece Screw					GBG-49	2	Armature Shaft Spacer				
GBG-62	1	Term. Post Insulation					GBG-81	1	Snap Ring				
GBH-29	4	Pole Piece					GCH-2032F	1	ARMATURE ASSEMBLY				
GCH-1005	1	FIELD COIL ASSY.-COMP.					SP-227A	1	Ventilating Fan				
GCH-1007	1	Field Coil Assy.-U.R.					8X-158	1	1/2-20 Hex. Nut				
GBG-26	1	Terminal					12X-198	1	1/2 Lock Washer				
GCH-1008	1	Field Coil - L.L.					X-261	1	#6 Woodruff Key				
GCH-1009	1	Field Coil - L.R.					X-263	1	#8 Woodruff Key				
GCH-1010	1	Field Coil Assy.-U.L.					8X-358	1	1/2 Plain Steel Washer				
X-1425	1	Terminal					<u>Drive End Head Assembly & Parts Used With</u>						
GCY-27	1	Insulating Bushing					GBG-1098	1	Drive End Head Assy.				
GCY-28	1	Insulating Bushing					GBG-50	1	Gasket				
MU-36	1	Insulating Washer					GBG-57	1	Felt Washer Retainer				
MU-37	1	5/16 Plain Washer					GBG-58	1	Felt Washer				
8X-183A	1	#10 Plain Washer					GBG-98	1	Drive End Head				
12X-196	1	#10 Lock Washer					GBG-1056	1	Bearing Retainer Assy.				
12X-1014	1	5/16 Lock Washer					GBG-56	1	Bearing Retainer				
8X-1376	1	5/16-24 Hex. Nut					GBG-57	1	Felt Washer Retainer				
8X-1377	1	#10-32 Hex. Nut					GBG-58	1	Felt Washer				
12X-196	2	#10 Lock Washer					8X-119	4	#10-32x1/2 Fill. Hd. Sc.				
8X-321	1	#10-32x5/16 Rd. Hd. Sc.					X-196	4	#10 Lock Washer				
12X-1014	1	5/16 Lock Washer					X-444	1	BALL BRG. - S.A.E. #305				
8X-1376	1	5/16-24 Hex. Nut					8X-118	6	#10-32x3/4 Fill. Hd. Screw				
8X-1377	1	#10-32 Hex. Nut					X-394	1	Screw in - Sleeve Oiler				
<u>Comm. End Plate Assembly & Parts Used With</u>						12X-544	6	#10 Lock Washer					
DA-60	1	Bearing Retaining Screw					<u>Miscellaneous Parts</u>						
GBG-46	1	Spring Washer					GBG-24B	1	Head Band				
GBG-47	1	Felt Washer					8X-715	1	#10-32x1 1/4 Rd. Hd. Sc.				
GBG-48	2	Felt Washer Retainer					8X-794	1	#10-32 Square Nut				
GBG-63	1	Comm. End Cap Cover							1	2	3	4	5
GBG-64	1	End Cap Cover Gasket											
GBG-66	1	Bearing Retaining Washer											
(GCH-2097)	1	Comm. End Plate Assy.											
DA-38	2	Spring Washer											
DE-85	1	Steel Washer											
GBG-41	2	Brush Holder Plate Sc.											
GBG-51	2	Plain Washer											
GBG-97	1	Comm. End Plate											
GBG-1031	1	Brush Holder Plate Assy.											
GBG-18R	4	Brush Holder											
GBG-36	4	Brush Spring											
GBG-40	4	Brush Holder Terminal											
GBG-85	4	Brush Holder Stud											
GBG-1037	4	Brush Arm											
8X-173	4	#10-32 Hex. Nut											
X-196	4	#10 Lock Washer											
GCH-1012†	4	Brush - Main											
GK-151	1	Plain Steel Washer											
X-195	4	#8 Lock Washer											
8X-208	1	#10-32x9/16 Hex. Hd. Sc.											
8X-305	4	#8-32x1/4 Rd. Hd. Sc.											
8X-361	2	1/4 Plain Washer											
X-1270	1	#10 Skpf. Washer											
		1	2	3	4	5							

(Issued 2-27-39)

NOTE:- VRC-4102A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.
 † SERVICE BRUSH SET GCH-2012S.

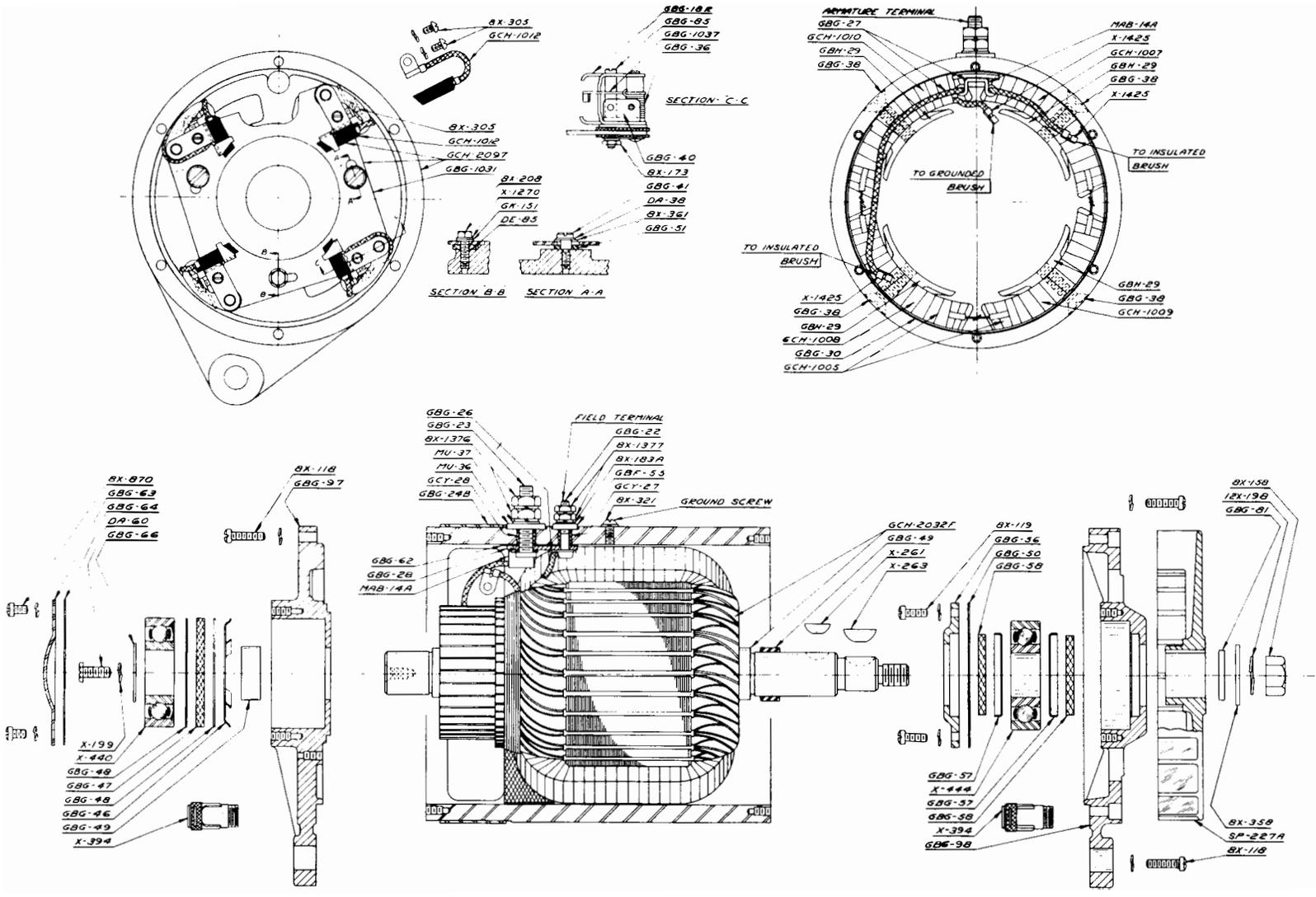
UNIT	APPLICATION
GCH-4604	Dodge Truck

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File in
Equipment & Parts List Binder

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

GCH-4604 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCH-4606 GENERATOR PARTS LIST

GCH-4606

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(GCH-2045)	1	Frame & Field Assembly				
GBF-55	1	Insulating Washer				
GBG-22	1	Terminal Post - 10-32				
GBG-23	1	Terminal Post - 5/16-24				
GBG-28	1	Terminal Post Insulation				
GBG-30	1	Field Connection Ins.				
GBG-38	8	Pole Piece Screw				
GBG-62	1	Terminal Post Insulation				
GBG-102	1	Control Lead Assy.				
MAB-14A	1	Terminal				
X-1425	2	Terminal				
GBH-29	4	Pole Piece				
GCH-1005A	1	FIELD COIL ASSY. - COMP.				
GCH-1007A	1	Field Coil Assy. - U.R.				
X-1425	1	Terminal				
GCH-1008	1	Field Coil - L.L.				
GCH-1009	1	Field Coil - L.R.				
GCH-1010A	1	Field Coil Assy. - U.L.				
GBG-26	1	Terminal				
GCY-27	1	Insulating Bushing				
GCY-28	1	Insulating Bushing				
MU-36	1	Insulating Washer				
MU-37	1	5/16 Plain Washer				
8X-183A	1	#10 Plain Washer				
X-196	1	#10 Lock Washer				
X-1014	1	5/16 Lock Washer				
8X-1376	1	5/16-24 Hex. Nut				
8X-1377	1	#10-32 Hex. Nut				
X-196	2	#10 Lock Washer				
8X-321	1	#10-32x5/16 Rd. Hd. Screw				
X-1014	1	5/16 Lock Washer				
8X-1376	1	5/16-24 Hex. Nut				
8X-1377	1	#10-32 Hex. Nut				

Comm. End Plate Assembly & Parts Used With

DA-60	1	Bearing Retaining Screw				
GBG-46	1	Spring Washer				
GBG-47	1	Felt Washer				
GBG-48	2	Felt Washer Retainer				
GBG-63	1	Comm. End Cap Cover				
GBG-64	1	End Cap Cover Gasket				
GBG-66	1	Bearing Retaining Washer				
(GCH-2002A)	1	Comm. End Plate Assy.				
DA-38	2	Spring Washer				
DE-85	1	Steel Washer				
GBG-2	1	Comm. End Plate				
GBG-41	2	Brush Holder Plate Screw				
GBG-51	2	Plain Washer				
GBG-1031	1	Brush Holder Plate Assy.				
GBG-18R	4	Brush Holder				
GBG-36	4	Brush Spring				
GBG-40	4	Brush Holder Terminal				
GBG-86	4	Brush Holder Stud				
GBG-1037	4	Brush Arm				
8X-173	4	#10-32 Hex. Nut				
X-196	4	#10 Lock Washer				
GCH-1012†	4	Brush - Main				
GK-151	1	Plain Steel Washer				
		1	2	3	4	5

Part No.	No. Used	Name of Part				
		1	2	3	4	5
X-195	4	#8 Lock Washer				
8X-208	1	#10-32x9/16 Hex. Hd. Sc.				
8X-305	4	#8-32x1/4 Rd. Hd. Screw				
8X-361	2	1/4 Plain Washer				
X-1270	1	#10 Skpf. Washer				
8X-118	6	#10-32x3/4 Fill. Hd. Screw				
X-195	3	#8 Lock Washer				
X-196	10	#10 Lock Washer				
X-199	1	1/4 Lock Washer				
8X-305	3	#8-32x1/4 Rd. Hd. Screw				
X-394	1	Screw-in - Sleeve Oiler				
X-440	1	BALL BEARING - Shielded				
8X-870	1	#10-32x5/16 Fill. Hd. Screw				

Armature Assembly & Parts Used With

GBG-49	2	Armature Shaft Spacer				
GBG-81	1	Snap Ring				
GCH-2032F	1	ARMATURE ASSEMBLY				
SP-227	1	Ventilating Fan				
X-158	1	1/2-20 Hex. Nut				
X-198	1	1/2 Lock Washer				
X-261	1	#6 Woodruff Key				
X-263	1	#8 Woodruff Key				
X-358	1	1/2 Plain Steel Washer				

Drive End Head Assembly & Parts Used With

GBG-1068	1	Drive End Head Assembly				
GBG-50	1	Gasket				
GBG-57	1	Felt Washer Retainer				
GBG-58	1	Felt Washer				
GBG-68	1	Drive End Head				
GBG-1056	1	Bearing Retainer Assy.				
GBG-56	1	Bearing Retainer				
GBG-57	1	Felt Washer Retainer				
GBG-58	1	Felt Washer				
8X-119	4	#10-32x1/2 Fill. Hd. Screw				
X-196	4	#10 Lock Washer				
X-444	1	BALL BEARING - S.A.E. #305				
8X-118	6	#10-32x3/4 Fill. Hd. Screw				
X-394	1	Screw-in - Sleeve Oiler				
X-544	6	#10 Lock Washer				

Miscellaneous Parts

GBG-24	1	Head Band				
X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 4-3-39)

NOTE:- VRC-4101A CURRENT VOLTAGE REGULATOR is used with but is not a part of this generator.

UNIT	APPLICATION
GCH-4606	Brockway

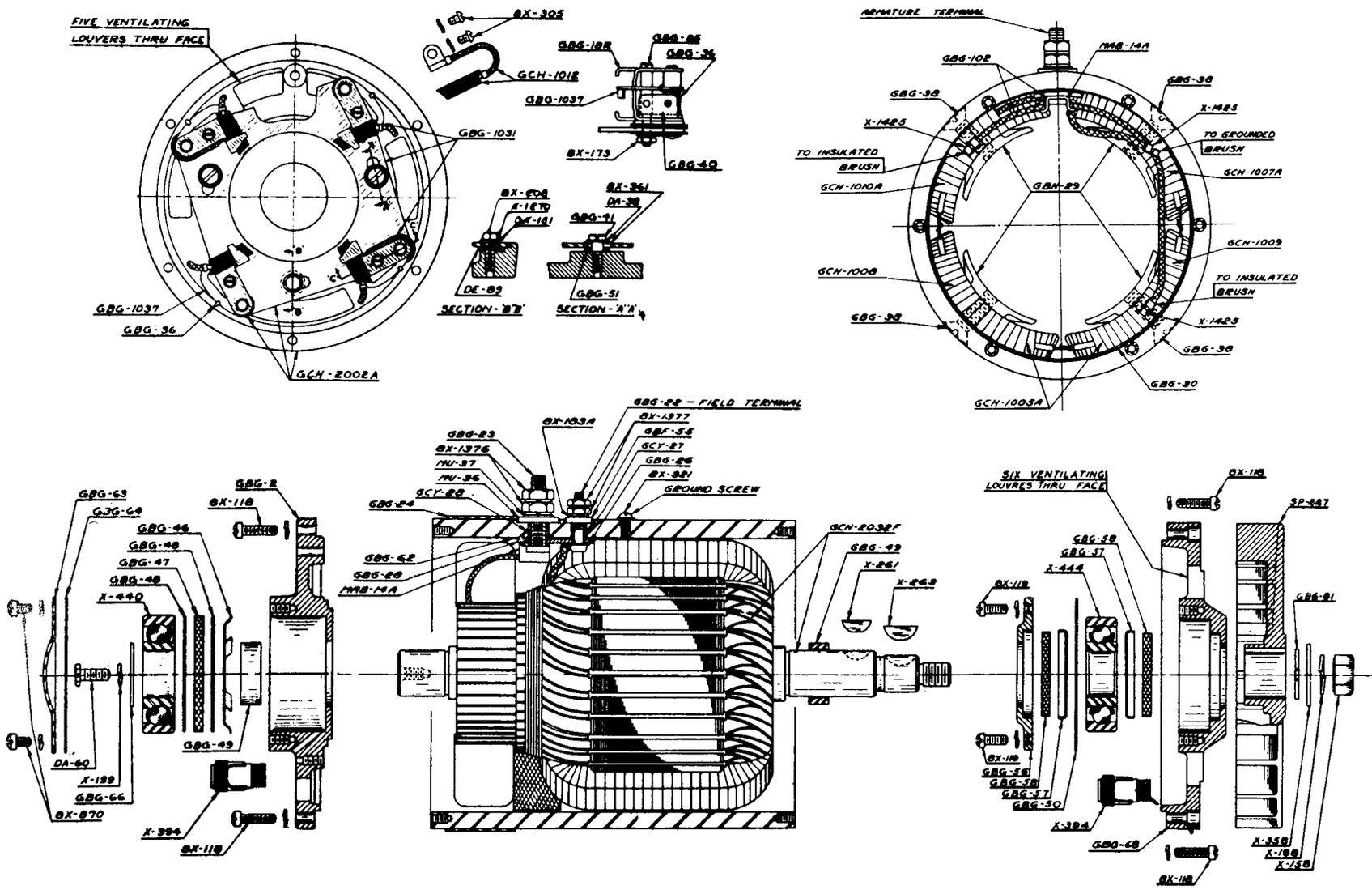
† Service BRUSH SET GCH-2012S.

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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."

GCH-4606 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCH-4607A-1 GENERATOR PARTS LIST

GCH-4607A-1

Frame & Field Assembly & Parts Used With					
Part No.	No. Used	Name of Part			
		1	2	3	4 5
GBG-69	1	Bracket, Mounting, Generator			
(GCH-2031)	1	Frame & Field Assy.			
GBF-55	1	Washer, Ins., Field Term.			
GBG-22	1	Post, Field Term., #10-32			
GBG-23	1	Post, Arm. Term. 5/16-24			
GBG-27	1	Lead Assy.			
GBG-121	1	Terminal, 2 Wire			
GBG-28	1	Insulation, Term. Post			
GBG-30	1	Insulation, Field Connection			
GBG-38	8	Screw, Pole Shoe			
GBG-62	1	Insulation, Term. Post			
GCH-1005	1	Coil Assy., Field, Comp.			
GCH-1007	1	Coil Assy., Field, U.R.			
GCH-1008	1	Coil, Field, L.L.			
GCH-1009	1	Coil, Field, L.R.			
GCH-1010	1	Coil Assy., Field, U.L.			
GCY-27	1	Bushing, Ins., Field Term.			
GCY-28	1	Bushing, Ins., Arm. Term.			
MU-36	1	Washer, Ins., Arm. Term.			
MU-37	1	Washer, Plain			
8X-183A	1	Washer, Plain, #10			
X-196	2	Lockwasher "F" Term. #10			
X-1014	2	Lockwasher "A" Term. 5/16			
8X-1376	2	Nut, Hex., "A" Term. 5/16-24			
8X-1377	2	Nut, Hex., "F" Term. #10-32			
X-33	1	Screw, Bracket 3/8-24x11/16			
12X-196	1	Lockwasher, Ground Screw, #10			
12X-201	3	Lockwasher, Bracket Sc., 3/8			
8X-321	1	Screw, Rd. Hd. #10-32x5/16			
X-465	3	Screw, Bracket, 3/8-24x3/4			
Comm. End Head Assembly & Parts Used With					
DA-60	1	Screw, Bearing Retaining			
GBG-46	1	Washer, Spring			
GBG-47	1	Washer, Felt			
GBG-48	2	Retainer, Felt Washer			
GBG-63	1	Cover, Comm. End			
GBG-64	1	Gasket, Comm. End Cover			
GBG-66	1	Washer, Bearing Retaining			
GCH-2002A	1	Head Assy., Comm. End			
DA-38	2	Washer, Spring			
DE-85	1	Washer, Plain Inner			
GBG-2	1	Head			
GBG-41	2	Screw, Attaching, Brush Plate			
GBG-51	2	Washer, Plain, Outer			
GBG-1031	1	Plate Assy., Brush			
GBG-18R	4	Holder, Brush			
GBG-36	4	Spring, Brush			
GBG-40	4	Terminal, Brush Holder			
GBG-85	4	Stud, Brush Holder			
GBG-1037	4	Arm, Brush			
8X-173	4	Nut, Brush Holder Stud			
X-196	4	Lockwasher, Br. Holder Stud			
GCH-1012†	4	Brush			
GK-151	1	Washer, Plain Outer			
		1	2	3	4 5

Comm. End Head Assembly (Continued)					
Part No.	No. Used	Name of Part			
		1	2	3	4 5
8X-208	1	Screw, Hex. Hd., #10-32x9/16			
8X-361	2	Washer, Plain, 1/4			
X-1270	1	Washer, Skpf., #10			
8X-118	6	Screw, C.E. Head, #10-32x3/4			
8X-119	4	Screw, Cover, Fil. Hd. #10-32x1/2			
12X-195	4	Lockwasher, Brush Lead Sc., #8			
12X-196	10	Lockwasher, C.E. Head & Cover Sc			
12X-199	1	Lockwasher, Brg. Ret'g. Sc., 1/4			
8X-305	4	Screw, Brush Lead, #8-32x1/4			
X-394	1	Oiler, Sleeve, 1/2-20			
X-440	1	Bearing, Ball, Shielded, S.A.E. #305			
Armature Assembly & Parts Used With					
GBG-49	2	Spacer, Armature Shaft			
GCH-2030F	1	Armature			
SP-217	1	Pulley, Drive			
X-263	1	Key, Woodruff, #8			
X-1134	1	Washer, Shaft, Plain, 5/8			
X-1177	1	Washer, Shaft, Skpf. 5/8			
X-1178	1	Nut, Shaft, Hex. 5/8-18			
Drive End Head Assembly & Parts Used With					
GBG-1068	1	Head Assy., Drive End			
GBG-50	1	Gasket, Bearing Retainer			
GBG-57	1	Retainer, Felt Washer, Outer			
GBG-58	1	Washer, Felt, Outer			
GBG-68	1	Head			
GBG-1056	1	Retainer Assy., Bearing			
GBG-56	1	Retainer, Bearing			
GBG-57	1	Retainer, Felt Washer			
GBG-58	1	Washer, Felt			
8X-119	4	Screw, Bearing Retainer			
X-196	4	Lockwasher, Retainer Sc., #10			
X-444	1	Bearing, Ball, S.A.E. #305			
8X-118	6	Screw, D.E. Head, #10-32x3/4			
X-394	1	Oiler, Sleeve, 1/2-20			
12X-544	6	Lockwasher, D.E. Head Sc., #10			
Miscellaneous Parts					
GBG-24C	1	Band, Cover			
X-715	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4			
8X-794	1	Nut, Cover Band, Square #10-32			
		1	2	3	4 5
† Brush Set, Service GCH-2012S.					
NOTE:- VRC-4101B Current-Voltage Regulator is used with but is not a part of this generator.					
Unit		Application			
GCH-4607A-1		Diamond T			

(Issued 10-31-46)

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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

GCH-4608-1 GENERATOR PARTS LIST

GCH-4608-1

Frame & Field Assembly & Parts Used With						Comm'. End Head Assembly (Continued)								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
(GCH-2037)	1	Frame & Field Assy.					GBG-85	4	Stud, Brush Holder					
GBF-55	1	Washer, Ins., Field Term.					GBG-1037	4	Arm, Brush					
GBG-22	1	Stud, "F" Term., #10-32					8X-173	4	Nut, Brush Holder Stud					
GBG-23	1	Stud, "A" Term., 5/16-24					X-196	4	Lockwasher, Br. Holder Stud					
GBG-27	1	Lead Assy.					GCH-1012†	4	Brush					
GBG-121	1	Terminal, 2 Wire					GK-151	1	Washer, Plain Outer					
X-1425	2	Terminal					8X-208	1	Screw, Hex. Hd., #10-32x9/16					
GBG-28	1	Insulation, Term. Stud					8X-361	2	Washer, Plain, 1/4					
GBG-30	1	Insulation, Field Connection					X-1270	1	Washer, Skpf., #10					
GBG-38	8	Screw, Pole Shoe					8X-118	6	Screw, C.E. Head, #10-32x3/4					
GBG-62	1	Insulation, Term. Stud					8X-119	4	Screw, C.E. Cover, #10-32x1/2					
GBH-48	1	Bracket, Mounting, Upper					12X-195	3	Lockwasher, Br. Lead Sc., #8					
GBH-49	1	Bracket, Mounting, Lower					12X-196	10	Lockwasher, Cover & C.E. Head, #10					
GCH-1005	1	Coil Assy., Field, Comp.					12X-199	1	Lockwasher, Brg. Retainer, 1/4					
GCH-1007	1	Coil Assy., Field, U.R.					8X-305	3	Screw, Br. Lead, Rd. Hd. #8-32x1/4					
GBG-26	1	Terminal					X-382	1	Cup, Grease, 1/8 Pipe					
GCH-1008	1	Coil, Field, L.L.					X-440	1	Bearing, Ball, Shielded, S.A.E. #305					
GCH-1009	1	Coil, Field, L.R.					XA-526	1	Grease Cup Fitting					
GCH-1010	1	Coil Assy., Field, U.L.												
X-1425	1	Terminal												
GCY-27	1	Bushing, Ins., Field Term.					<u>Armature Assembly & Parts Used With</u>							
GCY-28	1	Bushing, Ins., Arm. Term.					GBG-49	2	Spacer, Armature Shaft					
MU-36	1	Washer, Ins., Arm. Term.					GBG-122	1	Spacer, Shaft					
MU-37	1	Washer, Plain					GCH-2047F	1	Armature					
X-86	2	Screw, Hex. Hd., 1/4-20x5/8					X-1134	1	Washer, Shaft, D.E., Plain 5/8					
8X-183A	1	Washer; Field Term. Plain, #10					X-1177	1	Washer, Shaft, D.E., Skpf. 5/8					
						X-1178	1	Nut, Shaft, D.E., Hex. 5/8-18						
12X-196	1	Lockwasher, "F" Term. #10					<u>Drive End Head Assembly & Parts Used With</u>							
12X-199	2	Lockwasher, 1/4					GBG-1068	1	Head Assy., Drive End					
12X-201	4	Lockwasher, 3/8					GBG-50	1	Gasket, Bearing Retainer					
X-465	4	Screw, Hex. Hd., 3/8-24x3/4					GBG-57	1	Retainer, Felt Washer, Outer					
12X-1014	2	Lockwasher, "A" Term. 5/16					GBG-58	1	Washer, Felt, Outer					
5X-1376	2	Nut, Hex., "A" Term. 5/16-24					GBG-68	1	Head					
5X-1377	2	Nut, Hex., "F" Term. #10-32					GBG-1056	1	Retainer Assy., Bearing					
12X-196	1	Lockwasher, Ground Screw, #10					GBG-56	1	Retainer, Bearing					
8X-321	1	Screw, Gd., Rd. Hd. #10-32x5/16					GBG-57	1	Retainer, Felt Washer					
						GBG-58	1	Washer, Felt						
<u>Comm. End Head Assembly & Parts Used With</u>						8X-119	4	Screw, Bearing Retainer						
DA-60	1	Screw, Bearing Retaining					X-196	4	Lockwasher, Retainer Sc., #10					
GBG-46	1	Washer, Spring					X-444	1	Bearing, Ball, S.A.E. #305					
GBG-47	1	Washer, Felt					8X-118	6	Screw, D.E. Head, #10-32x3/4					
GBG-48	2	Retainer, Felt Washer					X-382	1	Cup, Grease, 1/8 Pipe					
GBG-63	1	Cover, Comm. End					12X-544	6	Lockwasher, D.E. Head Sc., #10					
GBG-64	1	Gasket, Comm. End Cover					XA-525	1	Grease Cup Elbow					
GBG-66	1	Washer, Bearing Retaining					XA-526	1	Grease Cup Fitting					
GCH-2002A	1	Head Assy., Comm. End					<u>Miscellaneous Parts</u>							
DA-38	2	Washer, Spring					GBG-24	1	Band, Cover					
DE-85	1	Washer, Plain Inner					X-715	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/4					
GBG-2	1	Head					8X-794	1	Nut, Cover Band, Square #10-32					
GBG-41	2	Screw, Attaching, Brush Plate							1	2	3	4	5	
GBG-51	2	Washer, Plain, Outer												
GBG-1031	1	Plate Assy., Brush												
GBG-18R	4	Holder, Brush												
GBG-36	4	Spring, Brush												
GBG-40	4	Terminal, Brush Holder												

† Brush Set, Service GCH-2012S.

NOTE:- VRC-4101B Current-Voltage Regulator is used with but is not a part of this generator.

(Issued 10-31-46)

File in
Equipment & Parts List Binder

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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

GCH-4609-1,A,A-1 GENERATOR PARTS LIST

GCH-4609-1,
A,A-1

Frame & Field Assembly & Parts Used With						Comm. End Head Assembly (Continued)									
Part No.	No. Used	Name of Part						Part No.	No. Used	Name of Part					
			1	2	3	4	5				1	2	3	4	5
(GCH-2050)	1	Frame & Field Assy.						8X-173	4	Nut, Brush Holder Stud, Hex., #10-32					
GBF-55	1	Washer, Ins., Field Term.						X-196	4	Washer, Lock, Brush Holder Stud, #10					
GBG-22	1	Post, Field Term., #10-32						GCH-1012†	4	Brush					
GBG-23	1	Post, Arm. Term., 5/16-24						GK-151	1	Washer, Plain					
GBG-28	1	Insulation, Term. Post Inner						X-195	4	Lockwasher, #8					
GBG-30	1	Insulation, Field Connection						8X-208	1	Screw, Hex. Hd., #10-32x9/16					
GBG-38	8	Screw, Pole Piece						8X-305	4	Screw, Rd. Hd., #8-32x1/4					
GBG-62	1	Insulation, Term. Post						8X-361	2	Washer, Plain, 1/4					
GBG-102	1	Lead Assy.						X-1270	1	Washer, Skpf., #10					
GBG-121	1	Terminal, 2 Wire						8X-118	6	Screw, C.E. Head, Fil. Hd. #10-32x3/4					
X-1425	2	Terminal						8X-119	4	Screw, Cover, Fil. Hd. #10-32x1/2					
GCH-1005A	1	COIL ASSY., FIELD, COMP.						12X-195	3	Lockwasher, Lead Sc., #8					
GCH-1007A	1	Coil Assy., Field, U.R.						12X-196	10	Lockwasher, Cover Screw & C.E. Head Sc., #10					
X-1425	1	Terminal						12X-199	1	Lockwasher, Brg. Retaining Screw, 1/4					
GCH-1008	1	Coil, Field, L.L.						8X-305	3	Screw, Lead Connection, Rd. Hd. #8-32x1/4					
GCH-1009	1	Coil, Field, L.R.						X-394	1	Oiler, Sleeve, 1/2-20					
GCH-1010A	1	Coil Assy., Field, U.L.						X-440	1	BEARING, BALL, SHIELDED, S.A.E. #305					
GBG-26	1	Terminal						Armature Assembly & Parts Used With							
GCY-27	1	Bushing, Ins., Field Term. Inner						GBG-49	2	Spacer, Armature Shaft					
GCY-28	1	Bushing, Ins., Arm. Term. Inner						GCH-2030F	1	ARMATURE					
MU-36	1	Washer, Ins., Arm. Term.						*	1	Pulley, Drive					
MU-37	1	Washer, Plain						X-263	1	Key, Woodruff, D.E., #8					
8X-183A	1	Washer, Plain, #10						X-1134	1	Washer, Shaft, Plain 5/8					
X-196	2	Lockwasher, #10						X-1177	1	Washer, Shaft, Skpf. 5/8					
X-1014	2	Lockwasher, 5/16						X-1178	1	Nut, Shaft, Hex. 5/8-18					
8X-1376	2	Nut, Hex., 5/16-24						Drive End Head Assembly & Parts Used With							
8X-1377	2	Nut, Hex., #10-32						GBG-1065A	1	Head Assy., Drive End					
X-196	1	Lockwasher, Ground Sc., #10						GBG-50	1	Gasket, Bearing Retainer					
8X-321	1	Screw, Ground, Rd. Hd. #10-32x5/16						GBG-57	1	Retainer, Felt Washer, Outer					
Comm. End Head Assembly & Parts Used With															
DA-60	1	Screw, Bearing, Retaining						GBG-58	1	Washer, Felt, Outer					
GBG-46	1	Washer, Spring						GBG-65A	1	Head					
GBG-47	1	Washer, Felt						GBG-1056	1	Retainer Assy., Bearing					
GBG-48	2	Retainer, Felt Washer						GBG-56	1	Retainer, Bearing					
GBG-63	1	Cover, Comm. End						GBG-57	1	Retainer, Felt Washer					
GBG-64	1	Gasket, Comm. End Cover						GBG-58	1	Washer, Felt					
GBG-66	1	Washer, Bearing, Retaining						8X-119	4	Screw, Brg. Retainer, Fil. Hd., #10-32x1/2					
GCH-2060A	1	Head Assy., Comm. End						X-196	4	Lockwasher, Retainer Sc., #10					
DA-38	2	Washer, Spring						X-444	1	BEARING, BALL, S.A.E. #305					
DE-85	1	Washer, Plain						8X-118	6	Screw, D.E. Head, Fil. Hd. #10-32x3/4					
GBG-41	2	Screw, Attaching, Brush Plate						X-394	1	Oiler, Sleeve, 1/2-20					
GBG-51	2	Washer, Plain						12X-544	6	Lockwasher, D.E. Head Sc., #10					
GBG-60A	1	Head									1	2	3	4	5
GBG-1031	1	Plate Assy., Brush						(See Reverse Side)							
GBG-18R	4	Holder, Brush													
GBG-36	4	Spring, Brush													
GBG-40	4	Terminal, Brush Holder													
GBG-85	4	Stud, Brush Holder													
GBG-1037	4	Arm, Brush													

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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."

Miscellaneous Parts

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBG-24	1	Band, Cover				
X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2				
8X-794	1	Nut, Cover Band, Square #10-32				
		1	2	3	4	5

† BRUSH SET, Service GCH-2012S.

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

NOTE:- * CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

Assembly No.	Pulley, Drive	Regulator
GCH-4609-1	None	VRC-4101B
GCH-4609A	SP-425	VRC-4101B
GCH-4609A-1	SP-425	VRC-4101A

Unit	Application
GCH-4609-1	Continental
GCH-4609A	Brockway
GCH-4609A-1	Continental

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCH-4610A,B GENERATOR PARTS LIST

GCH-4610A,B

PRELIMINARY

Frame & Field Assembly & Parts Used With					Comm. End Plate Assembly (Con't)														
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part										
		1	2	3	4	5			1	2	3	4	5						
(GCH-2001)	1	Frame & Field Assembly					8X-208	1	#10-32x9/16 Hex. Hd. Sc.										
GBF-55	1	Insulating Washer					8X-305	4	#8-32x1/4 Rd. Hd. Sc.										
GBG-22	1	Terminal Post - 10-32					8X-361	2	1/4 Plain Washer										
GBG-23	1	Terminal Post-5/16-24					X-1270	1	#10 Skpf. Washer										
GBG-27	1	Control Lead Assembly					8X-118	6	#10-32x3/4 Fill. Hd. Screw										
GBG-121	1	Terminal					X-195	3	#8 Lock Washer										
X-1425	2	Terminal					X-196	10	#10 Lock Washer										
GBG-28	1	Terminal Post Insulation					X-199	1	1/4 Lock Washer										
GBG-30	1	Field Connection Ins.					8X-305	3	#8-32x1/4 Rd. Hd. Screw										
GBG-38	8	Pole Piece Screw					X-394	1	Screw-In Sleeve Oiler										
GBG-62	1	Terminal Post Insulation					X-440	1	BALL BEARING - Shielded										
GBH-29	4	Pole Piece					8X-870	4	#10-32x5/16 Fill. Hd. Sc.										
GCH-1005	1	FIELD COIL ASSY.-Comp.					<u>Armature Assembly & Parts Used With</u>												
GCH-1007	1	Field Coil Assy.-U.R.					GBG-49	2	Armature Shaft Spacer										
GBG-26	1	Terminal					GCH-2030F	1	ARMATURE ASSEMBLY										
GCH-1008	1	Field Coil - L.L.					*		Drive Pulley										
GCH-1009	1	Field Coil - L.R.					X-263	1	#8 Woodruff Key										
GCH-1010	1	Field Coil Assy.-U.L.					X-1134	1	5/8 Plain Washer										
X-1425	1	Terminal					X-1177	1	5/8 Skpf. Washer										
GCY-27	1	Insulating Bushing					X-1178	1	5/8-18 Hex. Nut.										
GCY-28	1	Insulating Bushing					<u>Drive End Head Assembly & Parts Used With</u>												
MU-36	1	Insulating Washer					GBG-1065	1	Drive End Head Assembly										
MU-37	1	5/16 Plain Washer					GBG-50	1	Gasket										
8X-183A	1	#10 Plain Washer					GBG-57	1	Felt Washer Retainer										
X-196	1	#10 Lock Washer					GBG-58	1	Felt Washer										
X-1014	1	5/16 Lock Washer					GBG-65	1	Drive End Head										
8X-1376	1	5/16-24 Hex. Nut					GBG-1056	1	Bearing Retainer Assy.										
8X-1377	1	#10-32 Hex. Nut					GBG-56	1	Bearing Retainer										
X-196	2	#10 Lock Washer					GBG-57	1	Felt Washer Retainer										
8X-321	1	#10-32x5/16 Rd. Hd. Screw					GBG-58	1	Felt Washer										
X-1014	1	5/16 Lock Washer					8X-119	4	#10-32x1/2 Fill. Hd. Sc.										
8X-1376	1	5/16-24 Hex. Nut					X-196	4	#10 Lock Washer										
8X-1377	1	#10-32 Hex. Nut					X-444	1	BALL BRG.- S.A.E. #305										
<u>Comm. End Plate Assembly & Parts Used With</u>						8X-118	6	#10-32x3/4 Fill. Hd. Screw											
DA-60	1	Bearing Retaining Screw					X-394	1	Screw-In Sleeve Oiler										
GBG-46	1	Spring Washer					X-544	6	#10 Lock Washer										
GBG-47	1	Felt Washer					<u>Miscellaneous Parts</u>												
GBG-48	2	Felt Washer Retainer					GBG-24	1	Head Band										
GBG-63	1	Comm. End Cap Cover					8X-715	1	#10-32x1 1/4 Rd. Hd. Screw										
GBG-64	1	End Cap Cover Gasket					8X-794	1	#10-32 Square Nut										
GBG-66	1	Bearing Retaining Washer							1	2	3	4	5						
(GCH-2060)	1	Comm. End Plate Assembly					(Issued 9-30-41)												
DA-38	2	Spring Washer					Assembly No.	Drive Pulley	Regulator										
DE-85	1	Steel Washer					GCH-4610A	SP-217	VRC-4101B										
GBG-41	2	Br. Holder Plate Screw					GCH-4610B	SP-464	VRC-4101A										
GBG-51	2	Plain Washer					* See table following parts list for part number applying to assembly wanted.												
GBG-60	1	Comm. End Plate					† SERVICE BRUSH SET GCH-2012S.												
GBG-1031	1	Brush Holder Plate Assy.					NOTE:- * CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.												
GBG-18R	4	Brush Holder					<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <th style="width: 15%;">UNIT</th> <th style="width: 85%;">APPLICATION</th> </tr> <tr> <td>GCH-4610A</td> <td>Diamond T</td> </tr> <tr> <td>GCH-4610B</td> <td>Brockway</td> </tr> </table>							UNIT	APPLICATION	GCH-4610A	Diamond T	GCH-4610B	Brockway
UNIT	APPLICATION																		
GCH-4610A	Diamond T																		
GCH-4610B	Brockway																		
GBG-36	4	Brush Spring					<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <th style="width: 15%;">UNIT</th> <th style="width: 85%;">APPLICATION</th> </tr> <tr> <td>GCH-4610A</td> <td>Diamond T</td> </tr> <tr> <td>GCH-4610B</td> <td>Brockway</td> </tr> </table>							UNIT	APPLICATION	GCH-4610A	Diamond T	GCH-4610B	Brockway
UNIT	APPLICATION																		
GCH-4610A	Diamond T																		
GCH-4610B	Brockway																		
GBG-40	4	Brush Holder Terminal					Printed in U. S. A.												
GBG-85	4	Brush Holder Stud					File in Equipment & Parts List Binder												
GBG-1037	4	Brush Arm					"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."												
8X-173	4	#10-32 Hex. Nut																	
X-196	4	#10 Lock Washer																	
GCH-1012†	4	Brush - Main																	
GK-151	1	Insulating Washer																	
X-195	4	Terminal																	

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCH-4612A,B-1 GENERATOR PARTS LIST

GCH-4612A,B-1

Frame & Field Assembly & Parts Used With					
Part No.	No. Used	Name of Part			
		1	2	3	4 5
(GCH-2050)	1	Frame & Field Assy.			
GBF-55	1	Washer, Ins., Field Term.			
GBG-22	1	Post, Field Term., #10-32			
GBG-23	1	Post, Arm. Term., 5/16-24			
GBG-28	1	Insulation, Term. Post Inner			
GBG-30	1	Insulation, Field Connection			
GBG-38	8	Screw, Pole Piece			
GBG-62	1	Insulation, Term. Post			
GBG-102	1	Lead Assy.			
GBG-121	1	Terminal, 2 Wire			
X-1425	2	Terminal			
GCH-1005A	1	COIL ASSY., FIELD, COMP.			
GCH-1007A	1	Coil Assy., Field, U.R.			
X-1425	1	Terminal			
GCH-1008	1	Coil, Field, L.L.			
GCH-1009	1	Coil, Field, L.R.			
GCH-1010A	1	Coil Assy., Field, U.L.			
GBG-26	1	Terminal			
GCY-27	1	Bushing, Ins., Field Term.			
GCY-28	1	Bushing, Ins., Arm. Term.			
MU-36	1	Washer, Ins., Arm. Term.			
MU-37	1	Washer, Plain			
8X-183A	1	Washer, Plain, #10			
X-196	2	Lockwasher, #10			
X-1014	2	Lockwasher, 5/16			
8X-1376	2	Nut, Hex., 5/16-24			
8X-1377	2	Nut, Hex., #10-32			
12X-196	1	Lockwasher, Ground Sc., #10			
8X-321	1	Screw, Ground, #10-32x5/16			
Comm. End Head Assembly & Parts Used With					
DA-60	1	Screw, Bearing Retaining			
GBG-46	1	Washer, Spring			
GBG-47	1	Washer, Felt			
GBG-48	2	Retainer, Felt Washer			
GBG-53	1	Cover, Comm. End			
GBG-64	1	Gasket, Comm. End Cover			
GBG-66	1	Washer, Bearing Retaining			
GCH-2060A	1	Head Assy., Comm. End			
DA-38	2	Washer, Spring			
DE-85	1	Washer, Plain			
GBG-41	2	Screw, Brush Plate			
GBG-51	2	Washer, Plain			
GBG-60A	1	Head			
GBG-1031	1	Plate Assy., Brush			
GBG-18R	4	Holder, Brush			
GBG-36	4	Spring, Brush			
GBG-40	4	Terminal, Brush Holder			
GBG-85	4	Stud, Brush Holder			
GBG-1037	4	Arm, Brush			
8X-173	4	Nut, Brush Holder Stud			
X-196	4	Washer, Lock, Br. Holder Stud #10			
GCH-1012†	4	Brush			
GK-151	1	Washer, Plain			
		1	2	3	4 5

Comm. End Head Assembly & Parts Used With					
Part No.	No. Used	Name of Part			
		1	2	3	4 5
X-195	4	Lockwasher, #8			
8X-208	1	Screw, Hex. Hd., #10-32x9/16			
8X-305	4	Washer, Rd. Hd. #8-32x1/4			
8X-361	2	Washer, Plain, 1/4			
X-1270	1	Washer, Skpf., #10			
8X-118	6	Screw, C.E. Head, #10-32x3/4			
8X-119	4	Screw, Cover, #10-32x1/2			
12X-195	3	Lockwasher, Lead Screw, #8			
12X-196	4	Lockwasher, Cover Screw, #10			
12X-199	1	Lockwasher, Brg. Retaining Screw			
8X-305	3	Screw, Lead Connection			
X-394	1	Oiler, Sleeve, 1/2-20			
X-440	1	BEARING, BALL, SHIELDED			
Armature Assembly & Parts Used With					
GBG-49	2	Spacer, Armature Shaft			
GCH-2058F	1	ARMATURE			
*	1	Pulley, Drive			
X-1134	1	Washer, Shaft, Plain 5/8			
X-1177	1	Washer, Shaft, Skpf. 5/8			
X-1178	1	Nut, Shaft, Hex. 5/8-18			
Drive End Head Assembly & Parts Used With					
GBG-1065A	1	Head Assy., Drive End			
GBG-50	1	Gasket, Bearing Retainer			
GBG-57	1	Retainer, Felt Washer, Outer			
GBG-58	1	Washer, Felt, Outer			
GBG-65A	1	Head			
GBG-1056	1	Retainer Assy., Bearing			
GBG-56	1	Retainer, Bearing			
GBG-57	1	Retainer, Felt Washer			
GBG-58	1	Washer, Felt			
8X-119	4	Screw, Brg. Retainer, Fil. Hd., #10-32x1/2			
X-196	4	Lockwasher, Retainer Screw			
X-444	1	BEARING, BALL, S.A.E. #305			
8X-118	6	Screw, D.E. Head, #10-32x3/4			
12X-196	6	Lockwasher, D.E. Head Sc., #10			
X-394	1	Oiler, Sleeve, 1/2-20			
12X-544	6	Lockwasher, D.E. Head Sc., #10			
		1	2	3	4 5

(See Reverse Side)

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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."

Miscellaneous Parts

Part No.	No. Used	Name of Part					
			1	2	3	4	5
GBG-24	1	Band, Cover					
X-714	1	Screw, Cover Band, Rd. Hd. #10-32x1 1/2					
8X-794	1	Nut, Cover Band, Square #10-32					
			1	2	3	4	5

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

† BRUSH SET, Service GCH-2012S.

NOTE:- VRC-4101A Current-Voltage Regulator is used with but is not a part of this generator.

Assembly No.	Pulley
GCH-4612A	SP-714
GCH-4612B-1	SP-754

Unit	Application
GCH-4612A,B-1	Brockway

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCH-4613A-1 GENERATOR PARTS LIST

GCH-4613A-1

Frame & Field Assembly & Parts Used With					Comm. End Head Assembly (Continued)								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(GCH-2046)	1	Frame & Field Assy.					GBG-60C	1	Head, Comm. End				
GBF-55	1	Washer, Ins., Field Term.					GBG-1031	1	Plate Assy., Brush				
GBG-22	1	Stud, Field Term., #10-32					GBG-18R	4	Holder, Brush				
GBG-23	1	Stud, Arm. Term., 5/16-24					GBG-36	4	Spring, Brush				
GBG-27	1	Lead Assy.					GBG-40	4	Term. Brush Holder				
GBG-121	1	Terminal, 2 Wire					GBG-85	4	Stud, Brush Holder				
X-1425	2	Terminal					GBG-1037	4	Arm, Brush				
GBG-28	1	Insulation, Term. Stud, Inner					8X-173	4	Nut, Brush Holder Stud, Hex., #10-32				
GBG-30	1	Insulation, Field Connection					X-196	4	Washer, Lock, Brush Holder Stud, #10				
GBG-38	8	Screw, Pole Shoe					GCH-1012†	4	Brush				
GBG-62	1	Insulation, Term. Stud, Inner					GK-151	1	Washer, Plain, Plate Lock Sc.				
GCH-1005	1	COIL ASSY., FIELD, COMP.					X-195	4	Washer, Lock, Brush Lead Screw, #8				
GCH-1007	1	Coil Assy., Field, U.R.					8X-208	1	Screw, Lock, Br. Plate, Hex. Hd., #10-32x9/16				
GBG-26	1	Terminal					8X-305	4	Screw, Brush Lead, Rd. Hd., #8-32x1/4				
GCH-1008	1	Coil, Field, L.L.					8X-361	2	Washer, Plain, Plate Attaching Screw				
GCH-1009	1	Coil, Field, L.R.					X-1270	1	Washer, Skpf., Plate Lock Screw, #10				
GCH-1010	1	Coil Assy., Field, U.L.					8X-118	6	Screw, C.E. Hd., Fil. Hd. #10-32x3/4				
X-1425	1	Terminal					8X-119	4	Screw, Cover Fil. Hd., #10-32x1/2				
GCY-27	1	Bushing, Ins., Field Term.					12X-195	3	Lockwasher, Lead Screw #8				
GCY-28	1	Bushing, Ins., Arm. Term.					12X-196	10	Lockwasher, Cover Screw & C.E. Head Screw #10				
MU-36	1	Washer, Ins., Arm. Term.					12X-199	1	Lockwasher, Brg. Retaining Sc., 1/4				
MU-37	1	Washer, Plain, Arm. Term., 5/16					8X-305	3	Screw, Lead Connection, Rd. Hd. #8-32x1/4				
8X-183A	1	Washer, Plain, Field Term., #10					X-440	1	BEARING, BALL, SHIELDED, S.A.E. #305				
X-196	2	Washer, Lock, Field Term., #10					X-489	1	Oiler, Hinge Top, Press in, 1/4				
X-1014	2	Washer, Lock, Arm. Term., 5/16					<u>Armature Assembly & Parts Used With</u>						
8X-1376	2	Nut, Arm. Term., Hex., 5/16-24					GBG-49	2	Spacer, Armature Shaft				
8X-1377	2	Nut, Field Term., Hex., #10-32					GCH-2058F	1	ARMATURE				
X-196	1	Lockwasher, Ground Screw, #10					SP-752	1	Pulley, Drive				
8X-321	1	Screw, Ground, Rd. Hd. #10-32x5/16					X-1134	1	Washer, Shaft, Plain 5/8				
<u>Comm. End Head Assembly & Parts Used With</u>					<u>Drive End Head Assembly & Parts Used With</u>								
DA-60	1	Screw, Bearing Retaining					GDJ-1119	1	Head Assy., Drive End				
GBG-46	1	Washer, Spring					GBG-50	1	Gasket, Bearing Retainer				
GBG-47	1	Washer, Felt					GBG-57	1	Retainer, Felt Washer				
GBG-48	2	Retainer, Felt Washer					GBG-58	1	Washer, Felt				
GBG-63	1	Cover, Comm. End					GBG-1056	1	Retainer Assy., Bearing				
GBG-64	1	Gasket, Comm. End Cover					GBG-56	1	Retainer, Bearing				
GBG-66	1	Washer, Bearing Retaining					GBG-57	1	Retainer, Felt Washer				
GCH-2060B	1	Head Assy., Comm. End					1 2 3 4 5						
DA-38	2	Washer, Spring, Plate Attaching Screw					(See Reverse Side)						
DE-85	1	Washer, Plain, Plate Lock Screw					File in						
GBG-41	2	Screw, Attaching, Brush Plate					Equipment & Parts List Binder						
GBG-51	2	Washer, Plain, Plate Attaching Screw											
		1	2	3	4	5							

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

Drive End Head Assembly (Continued)						
Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBG-58	1					Washer, Felt
GDJ-119	1					Head, Drive End
8X-119	4					Screw, Bearing Retainer, Fil. Hd., #10-32x1/2
X-196	4					Washer, Lock, Retainer Sc., #10
X-1699	1					BEARING, BALL, S.A.E. #305
GT-124	1					Wick, Felt
8X-118	6					Screw, D.E. Head, Fil. Hd. #10-32x3/4
X-489	1					Oiler, Hinge Top, Press in, 1/4
12X-544	6					Lockwasher, D.E. Head Sc., #10

Miscellaneous Parts						
Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBG-24C	1					Band, Cover
8X-714	1					Screw, Cover Band, Rd. Hd., #10-32x1 1/2
8X-794	1					Nut, Cover Band, Square #10-32

† BRUSH SET, Service GCH-2012S.

NOTE- VRC-4101B CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

Unit	Application
GCH-4613A-1	Brockway

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCJ-4801A GENERATOR PARTS LIST

GCJ-4801A

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(GCJ-2001)	1	Frame & Field Assy.				
GAA-32	1	Term. Post Top Insulation				
GAL-29	2	Pole Piece				
GAL-44	1	Field Connection Ins.				
GBW-34	1	Insulating Washer				
GBW-40	1	Lead Assy.				
GAA-27	1	Terminal Post				
X-847	1	Terminal				
GBW-58	1	Terminal Post				
GBW-66	1	Term. Post Bottom Ins.				
GBW-67	1	Term. Post Bottom Ins.				
GCJ-1005	1	FIELD COIL ASSY.-COMP.				
GCJ-1007	1	Field Coil Assy.-Left				
X-976	1	Terminal				
GCJ-1008	1	Field Coil - Right				
GCT-25	1	Insulating Bushing				
GCY-25	1	Insulating Bushing				
GK-38B	2	Pole Piece Screw				
MN-21	2	Dowel Pin				
8X-177	1	#14-24 Hex. Nut				
12X-193	1	#14 Lock Washer				
12X-196	1	#10 Lock Washer				
8X-349	1	#10 Plain Washer				
8X-361	1	1/4 Plain Washer				
8X-1377	1	#10-32 Hex. Nut				
GK-20A	2	Frame Screw				
8X-177	1	#14-24 Hex. Nut				
12X-193	1	#14 Lock Washer				
12X-196	2	#10 Lock Washer				
12X-199	2	1/4 Lock Washer				
8X-321	1	#10-32x5/16 Rd. Hd. Screw				
8X-1377	1	#10-32 Hex. Nut				

Comm. End Plate Assy. & Parts Used With

(GCJ-2002)	1	Comm. End Plate Assy.				
GAR-73	1	Oil Wick				
GAR-98A	1	Wick Cover				
GBW-69	1	Gasket				
GBW-72	1	Oil Guard				
GBW-73	1	Oil Retaining Gasket				
GBW-1068B	1	Comm. End Cap Cover				
GCJ-51	1	3rd Brush Plate Retaining Spring				
GCJ-1002A	1	Comm. End Plate Part Assy.				
GBF-79	1	ABSORBENT BRONZE BRG.				
GBW-45	2	Brush Spring				
GCJ-26	2	Brush Arm				
GCJ-1012†	2	Brush - Main				
GCJ-1013†	1	Brush - Third				
GCJ-1014	1	3rd Brush Plate Assy.				
GBW-45	1	Brush Spring				
GCJ-26	1	Brush Arm				
12X-195	5	#8 Lock Washer				
8X-311	1	#10-32x3/8 Rd. Hd. Screw				
8X-888	4	#8-32x5/16 Fill. Hd. Sc.				
8X-1507	1	#8-32x1/4 Bdg. Hd. Screw				
X-195	2	#8 Lock Washer				
8X-1507	2	#8-32x1/4 Bdg. Hd. Screw				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBM-21	1	Armature Shaft Nut				
GCJ-2006F	1	ARMATURE ASSEMBLY				
GAR-171	1	Snap Ring				
GR-32	1	Felt Washer Retainer				
SP-1225	1	Drive Pulley				
X-260	1	#5 Woodruff Key				
X-864	1	.669 Lock Washer				

Drive End Head Assy. & Parts Used With

GBJ-1003C	1	Drive End Head Assy.				
GAR-63	2	Felt Guard				
GAR-64	2	Bearing Retainer				
GBJ-3C	1	Drive End Head				
GG-164	2	Felt Washer				
6X-173	3	#10-32 Hex. Nut				
X-196	3	#10 Lock Washer				
X-295	1	BALL BRG. - S.A.E. #203				
X-489	1	1/4 Oiler - Press in Type				
6X-1003	3	#10-32x7/8 Rd. Hd. Screw				

Miscellaneous Parts

GBW-24B	1	Head Band				
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 3-16-39)

NOTE:- VRD-4001A Voltage Regulator is used with but is not a part of this generator.

† SERVICE BRUSH SET GCJ-2012S.

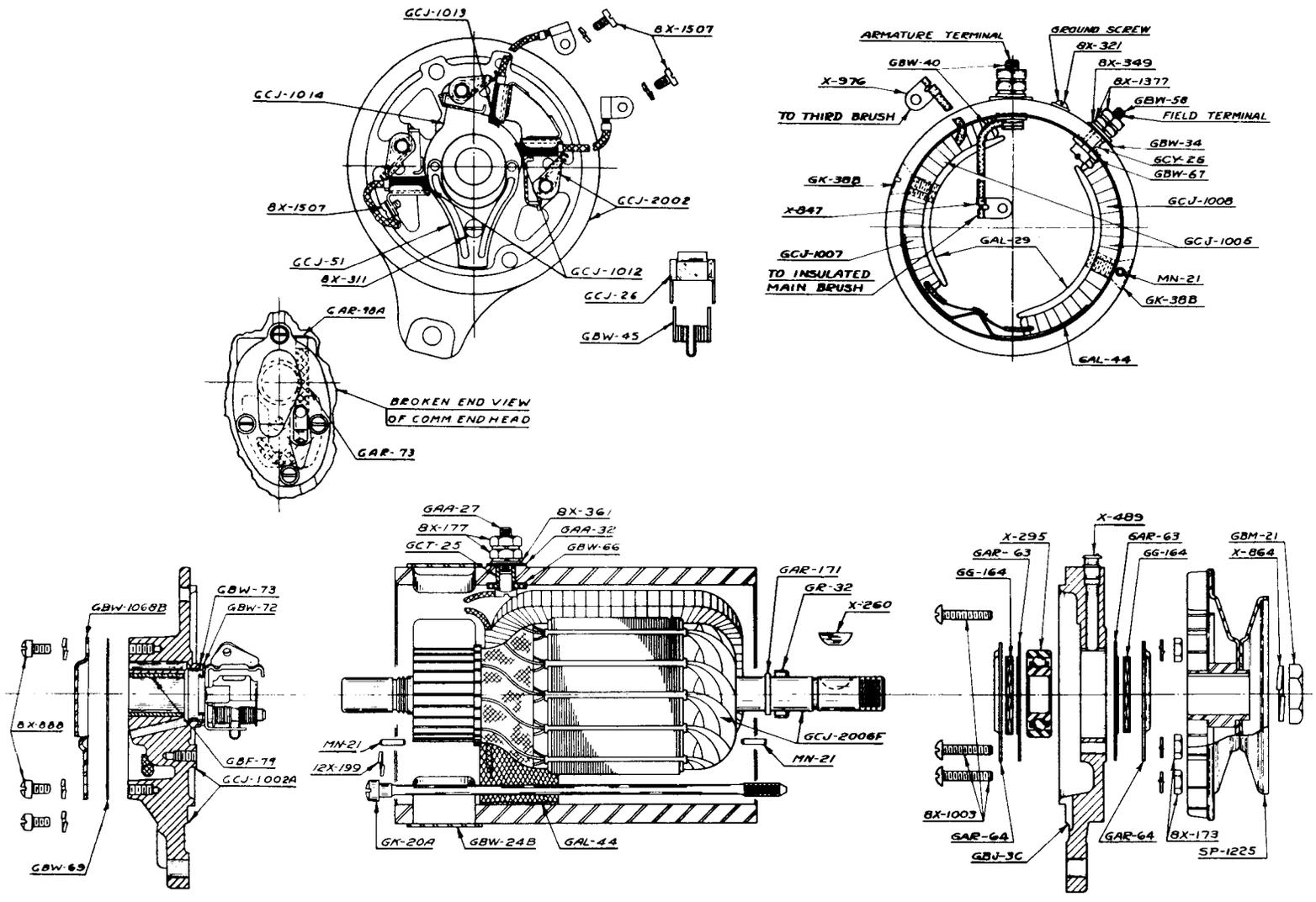
UNIT	APPLICATION
GCJ-4801A	Packard

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File in
Equipment & Parts List Binder

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

G CJ-4801A GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCJ-4802, GENERATOR PARTS LIST
A,B,C

GCJ-4802,
A,B,C

Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(GCJ-2001)	1	Frame & Field Assy.					GBM-21	1	Armature Shaft Nut				
GAA-30	1	Term. Post Bottom Ins.					GCJ-2006F	1	Armature Assy.				
GAA-32	1	Term. Post Top Ins.					GAR-171	1	Snap Ring				
GAL-29	2	Pole Piece					GR-32	1	Felt Washer Retainer				
GAL-44	1	Field Connection Ins.					*	1	Drive Pulley				
GBW-33	1	Terminal Post Ins.					X-260	1	#5 Woodruff Key				
CBW-34	1	Insulating Washer					X-864	1	.669 Lock Washer				
GBW-40	1	Lead Assy.					<u>Drive End Head Assembly & Parts Used With</u>						
GAA-27	1	Terminal Post					GBJ-1003C	1	Drive End Head Assy.				
X-847	1	Terminal					GAR-63	2	Felt Guard				
GBW-58	1	Terminal Post					GAR-64	2	Brg. Retainer				
GCJ-1005	1	Field Coil Assy. - Comp.					GBJ-3C	1	D.E. Head				
GCJ-1007	1	Field Coil Assy. - Left					GG-164	2	Felt Washer				
X-976	1	Terminal					8X-173	3	#10-32 Hex. Nut				
GCJ-1008	1	Field Coil - Right					X-196	3	#10 Lock Washer				
GCY-25	1	Insulating Bushing					X-295	1	Ball Brg. - S.A.E. #203				
GCY-25	1	Insulating Bushing					X-489	1	1/4 Oiler - Press in Type				
GK-38B	2	Pole Piece Screw					8X-1003	3	#10-32x7/8 Rd. Hd. Screw				
MN-21	2	Dowel Pin					<u>Miscellaneous Parts</u>						
8X-177	1	#14-24 Hex. Nut					GBW-24E	1	Head Band				
12X-193	1	#14 Lock Washer					8X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
12X-196	1	#10 Lock Washer					8X-794	1	#10-32 Square Nut				
8X-349	1	#10 Plain Washer							1	2	3	4	5
8X-361	1	1/4 Plain Washer					(Issued 7-16-37)						
8X-1377	1	#10-32 Hex. Nut											
GK-20A	2	Frame Screw											
8X-177	1	#14-24 Hex. Nut											
12X-193	1	#14 Lock Washer											
12X-196	2	#10 Lock Washer											
12X-199	2	1/4 Lock Washer											
8X-321	1	#10-32x5/16 Rd. Hd. Screw											
8X-1377	1	#10-32 Hex. Nut											
<u>Comm. End Plate Assembly & Parts Used With</u>													
(GCJ-2002)	1	Comm. End Plate Assy.											
GAR-73	1	Oil Wick					Assembly No.						
GAR-98A	1	Wick Cover											
GBW-30	1	Comm. End Cap Cover					GCJ-4802						
GBW-31	1	Gasket					GCJ-4802A						
GBW-32	1	Oil Guard					GCJ-4802B						
GCJ-51	1	3rd Brush Plate Retain'g Spring					GCJ-4802C						
GCJ-1002A	1	Comm. End Plate Part Assy.											
GBF-79	1	Absorbent Bronze Brg.											
GBW-45	2	Brush Spring											
GCJ-26	2	Brush Arm											
GCJ-1012†	2	Brush - Main											
GCJ-1013†	1	Brush - Third											
GCJ-1014	1	3rd Brush Plate Assy.											
GBW-45	1	Brush Spring											
GCJ-26	1	Brush Arm											
12X-195	5	#8 Lock Washer											
8X-311	1	#10-32x3/8 Rd. Hd. Screw											
X-489	1	1/4 Oiler - Press in Type											
8X-888	4	#8-32x5/16 Fill. Hd. Sc.											
8X-1507	1	#8-32x1/4 Bdg. Hd. Screw											
X-195	2	#8 Lock Washer											
8X-1507	2	#8-32x1/4 Bdg. Hd. Screw											
		1	2	3	4	5							

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

NOTE: - VRD-4002A Voltage Regulator is used with but not a part of this generator.

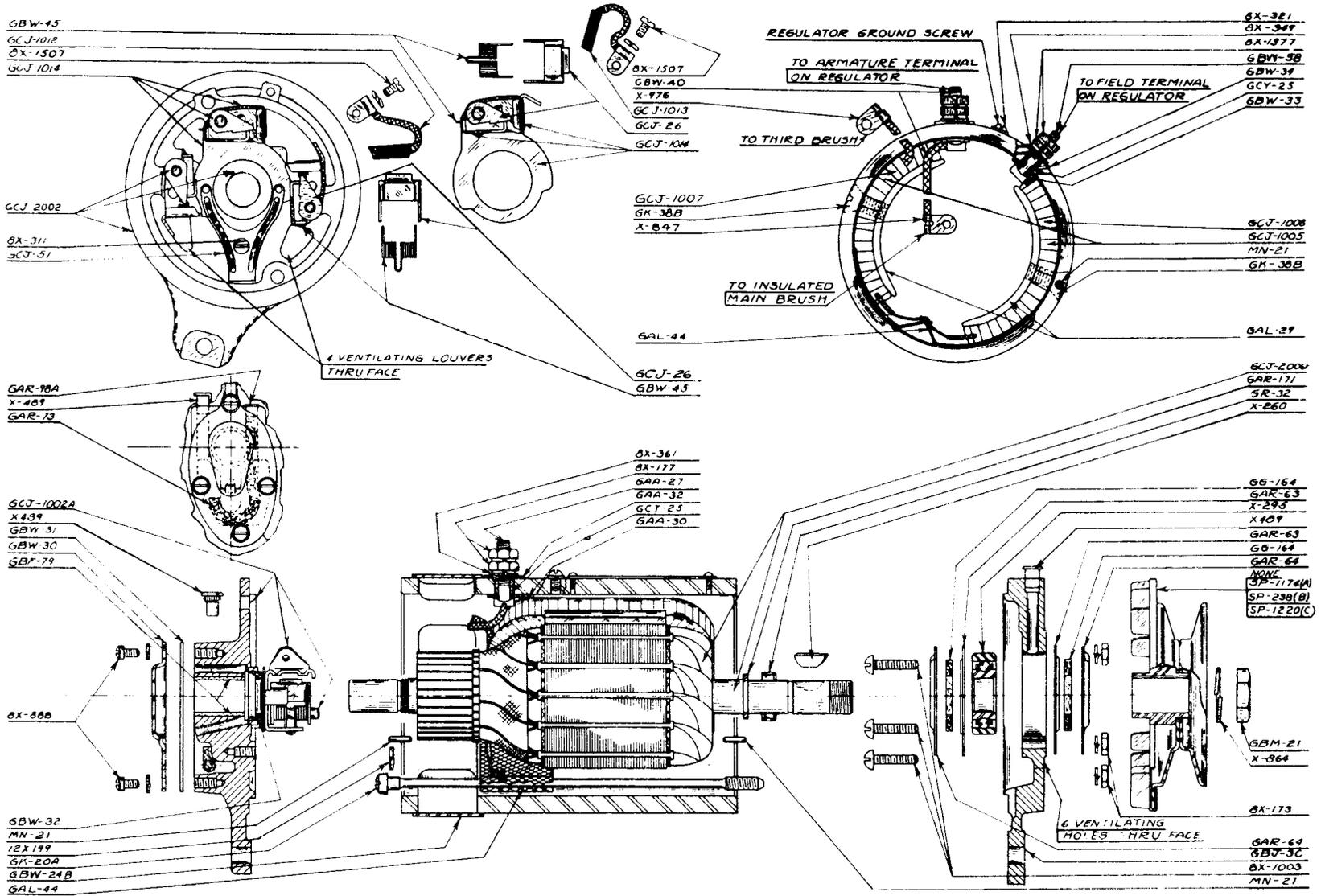
† Service Brush Set GCJ-2012S.

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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."

G CJ-4802,A,B,C GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCJ-4803A GENERATOR PARTS LIST

GCJ-4803A

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(GCJ-2001A)	1	Frame & Field Assembly				
GAA-32	1	Terminal Post Top Ins.				
GAL-29	2	Pole Piece				
GAL-44	1	Field Connection Ins.				
GBW-34	1	Insulating Washer				
GBW-40	1	Lead Assembly				
GAA-27	1	Terminal Post				
X-847	1	Terminal				
GBW-58	1	Terminal Post				
GBW-66	1	Terminal Post Bottom Ins.				
GBW-67	1	Terminal Post Bottom Ins.				
GCJ-1005	1	FIELD COIL ASSY.- COMP.				
GCJ-1007	1	Field Coil Assy.-Left				
X-976	1	Terminal				
GCJ-1008	1	Field Coil - Right				
GCT-25	1	Insulating Bushing				
GCY-25	1	Insulating Bushing				
GK-38	2	Pole Piece Screw				
MN-21	2	Dowel Pin				
8X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	1	#10 Lock Washer				
8X-349	1	#10 Plain Washer				
8X-361	1	1/4 Plain Washer				
8X-1377	1	#10-32 Hex. Nut				
GK-20	2	Frame Screw				
8X-177	1	#14-24 Hex. Nut				
12X-193	1	#14 Lock Washer				
12X-196	3	#10 Lock Washer				
X-199	2	1/4 Lock Washer				
8X-321	1	#10-32x5/16 Rd. Hd. Screw				
8X-349	1	#10 Plain Washer				
8X-361	1	1/4 Plain Washer				
X-966	1	Terminal				
X-999	2	Terminal				
8X-1377	1	#10-32 Hex. Nut				

Comm. End Plate Assy. & Parts Used With

(GCJ-2002A)	1	Comm. End Plate Assembly				
GAR-73	1	Oil Wick				
GAR-98A	1	Wick Cover				
GBW-30B	1	Comm. End Cap Cover				
GBW-31	1	Gasket				
GBW-72	1	Oil Guard				
GBW-73	1	Oil Retaining Gasket				
GCJ-51	1	3rd Brush Plate Retain- ing Spring				
GCJ-1002C	1	C.E. Plate Part Assy.				
GBF-79	1	ABSORBENT BRONZE BRG.				
GBW-45	2	Brush Spring				
GCJ-26	2	Brush Arm				
GCJ-1012†	2	Brush - Main				
GCJ-1013†	1	Brush - Third				
GCJ-1014	1	3rd Brush Plate Assy.				
GBW-45	1	Brush Spring				
GCJ-26	1	Brush Arm				
X-195	5	#8 Lock Washer				
8X-311	1	#10-32x3/8 Rd. Hd. Sc.				
X-489	1	1/4 Oiler - Press in Type				
8X-888	4	#8-32x5/16 Fill. Hd. Sc.				
8X-1507	1	#8-32x1/4 Bdg. Hd. Screw				
		1	2	3	4	5

Comm. End Plate Assembly (Con't)

Part No.	No. Used	Name of Part				
		1	2	3	4	5
X-195	2	#8 Lock Washer				
8X-1507	2	#8-32x1/4 Bdg. Hd. Screw				

Armature Assembly & Parts Used With

GBM-21	1	Armature Shaft Nut				
GCJ-2006F	1	ARMATURE ASSEMBLY				
GAR-171	1	Snap Ring				
GR-32	1	Felt Washer Retainer				
SP-1178	1	Drive Pulley				
X-260	1	#5 Woodruff Key				
X-864	1	.669 Lock Washer				

Drive End Head Assy. & Parts Used With

GBJ-1003	1	Drive End Head Assembly				
GAR-63	2	Felt Guard				
GAR-64	2	Bearing Retainer				
GBJ-3	1	Drive End Head				
GG-164	2	Felt Washer				
8X-173	3	#10-32 Hex. Nut				
X-196	3	#10 Lock Washer				
X-295	1	BALL BRG.- S.A.E. #203				
X-489	1	1/4 Oiler - Press in Type				
8X-1003	3	#10-32x7/8 Rd. Hd. Screw				

Miscellaneous Parts

GBW-24	1	Head Band				
8X-714	1	#10-32x1 1/2 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 3-28-40)

NOTE:- VRR-4001B VOLTAGE REGULATOR is used with but is not part of this generator.

† Service BRUSH SET GDF-2012S.

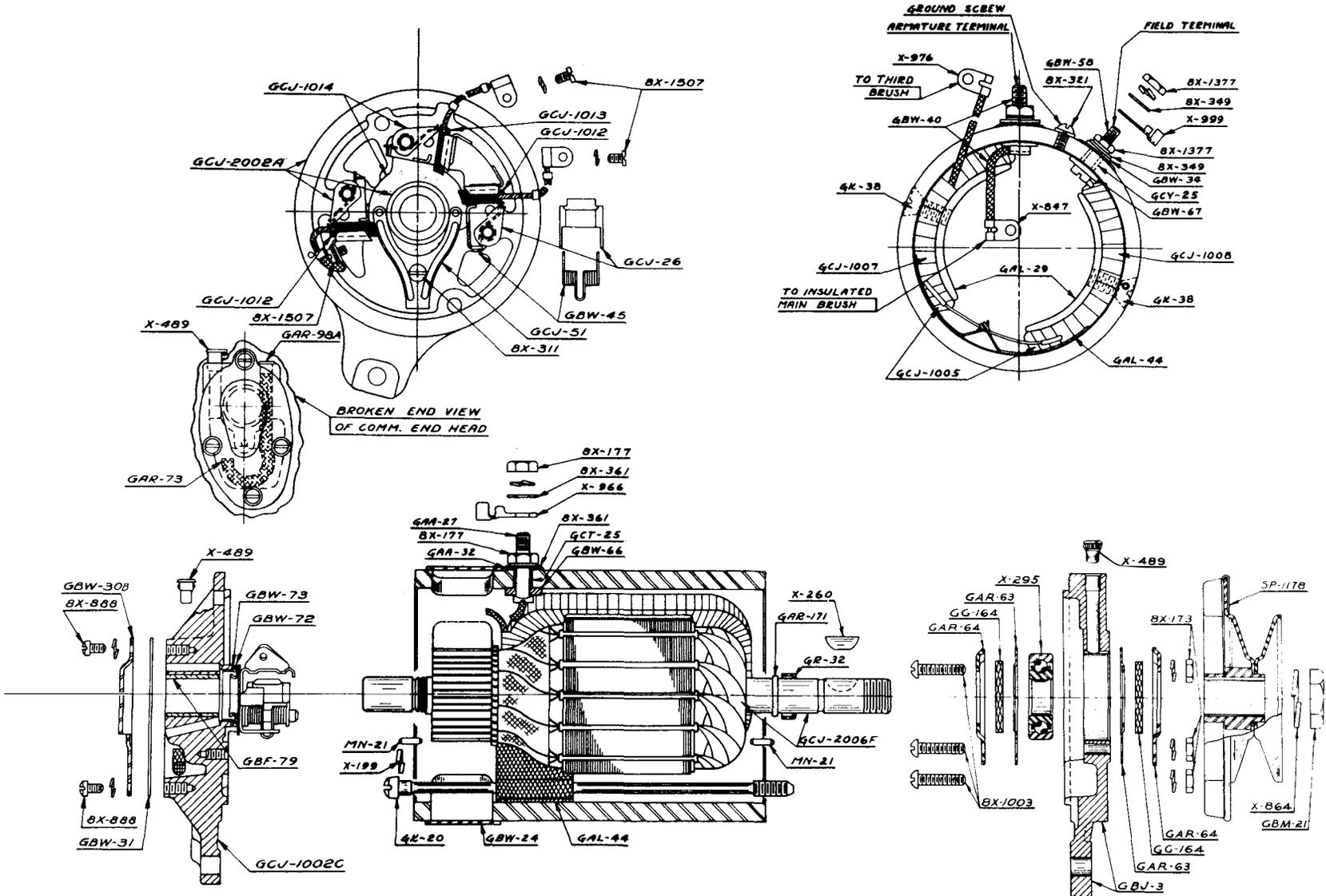
Unit	Application
GCJ-4803A	Hudson, Terraplane

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File in
Equipment & Parts List Binder

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

GCU-4803A GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCJ-4804A GENERATOR PARTS LIST

GCJ-4804A

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GCJ-33	1					Grounding Cup
(GCJ-2001B)	1					Frame & Field Assembly
GAA-32	1					Terminal Post Top Ins.
GAL-29	2					Pole Piece
GAL-44	1					Field Connection Ins.
GBW-34	1					Insulating Washer
GBW-40	1					Lead Assembly
GAA-27	1					Terminal Post
X-847	1					Terminal
GBW-58	1					Terminal Post
GBW-66	1					Terminal Post Bottom Ins.
GBW-67	1					Terminal Post Bottom Ins.
GCJ-1005	1					FIELD COIL ASSY.- COMP.
GCJ-1007	1					Field Coil Assy.-Left
X-976	1					Terminal
GCJ-1008	1					Field Coil - Right
GCT-25	1					Insulating Bushing
GCY-25	1					Insulating Bushing
GK-38	2					Pole Piece Screw
MN-21	2					Dowel Pin
8X-177	1					#14-24 Hex. Nut
X-193	1					#14 Lock Washer
X-196	1					#10 Lock Washer
8X-349	1					#10 Plain Washer
8X-361	1					1/4 Plain Washer
8X-1377	1					#10-32 Hex. Nut
GK-20	2					Frame Screw
8X-177	1					#14-24 Hex. Nut
12X-193	1					#14 Lock Washer
12X-196	2					#10 Lock Washer
X-199	2					1/4 Lock Washer
8X-321	1					#10-32x5/16 Rd. Hd. Screw
8X-361	1					1/4 Plain Washer
X-966	1					Terminal
X-999	1					Terminal
8X-1377	1					#10-32 Hex. Nut

Comm. End Plate Assy. & Parts Used With

(GCJ-2002A)	1					Comm. End Plate Assembly
GAR-73	1					Oil Wick
GAR-98A	1					Wick Cover
GBW-30B	1					Comm. End Cap Cover
GBW-31	1					Gasket
GBW-72	1					Oil Guard
GBW-73	1					Oil Retaining Gasket
GCJ-51	1					3rd Brush Plate Retaining Spring
GCJ-1002C	1					C. E. Plate Part Assy.
GBF-79	1					ABSORBENT BRONZE BRG.
GBW-45	2					Brush Spring
GCJ-26	2					Brush Arm
GCJ-1012†	2					Brush - Main
GCJ-1013†	1					Brush - Third
GCJ-1014	1					3rd Brush Plate Assy.
GBW-45	1					Brush Spring
GCJ-26	1					Brush Arm
X-195	5					#8 Lock Washer
8X-311	1					#10-32x3/8 Rd. Hd. Sc.
X-489	1					1/4 Oiler - Press in Type
8X-888	4					#8-32x5/16 Fill. Hd. Sc.
8X-1507	1					#8-32x1/4 Bdg. Hd. Screw
		1	2	3	4	5

Comm. End Plate Assembly (Con't)

Part No.	No. Used	Name of Part				
		1	2	3	4	5
X-195	2					#8 Lock Washer
8X-1507	2					#8-32x1/4 Bdg. Hd. Screw

Armature Assembly & Parts Used With

GEM-21	1					Armature Shaft Nut
GCJ-2006F	1					ARMATURE ASSEMBLY
GAR-171	1					Snap Ring
GR-32	1					Felt Washer Retainer
SP-1178	1					Drive Pulley
X-260	1					#5 Woodruff Key
X-864	1					.669 Lock Washer

Drive End Head Assy. & Parts Used With

GBJ-1003	1					Drive End Head Assembly
GAR-63	2					Felt Guard
GAR-64	2					Bearing Retainer
GBJ-3	1					Drive End Head
GG-164	2					Felt Washer
8X-173	3					#10-32 Hex. Nut
X-196	3					#10 Lock Washer
X-295	1					B LL BRG.- S.A.E. #203
X-489	1					1/4 Oiler - Press in Type
8X-1003	3					#10-32x7/8 Rd. Hd. Screw

Miscellaneous Parts

GBW-24	1					Head Band
8X-714	1					#10-32x1 1/2 Rd. Hd. Screw
8X-794	1					#10-32 Square Nut
		1	2	3	4	5

(Issued 3-29-40)

NOTE:- CBA-4003 CIRCUIT BREAKER is used with but is not part of this generator.

† Service BRUSH SET GDF-2012S.

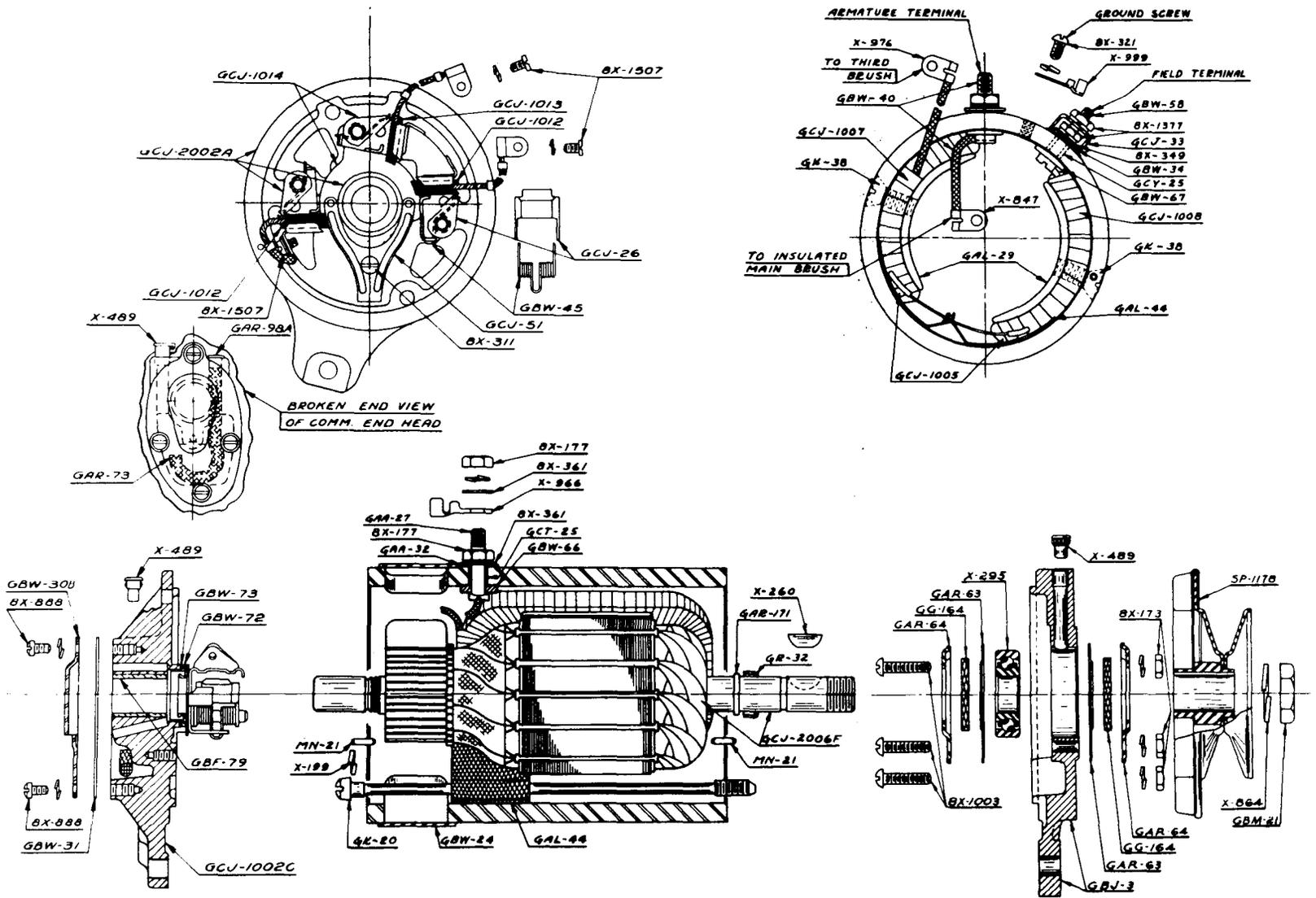
Unit	Application
GCJ-4804A	Terraplane

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File in
Equipment & Parts List Binder

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

GCU-4804A GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCJ-4805A,B GENERATOR PARTS LIST

GCJ-4805A,B

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(GCJ-2001A)	1	Frame & Field Assembly				
GAA-32	1	Terminal Post Top Ins.				
GAL-29	2	Pole Piece				
GAL-44	1	Field Connection Ins.				
GBW-34	1	Insulating Washer				
GBW-40	1	Lead Assembly				
GAA-27	1	Terminal Post				
X-847	1	Terminal				
GBW-58	1	Terminal Post				
GBW-66	1	Term. Post Bottom Ins.				
GBW-67	1	Term. Post Bottom Ins.				
GCJ-1005	1	FIELD COIL ASSY.- Comp.				
GCJ-1007	1	Field Coil Assy.-Left				
X-976	1	Terminal				
GCJ-1008	1	Field Coil - Right				
GCT-25	1	Insulating Bushing				
GCY-25	1	Insulating Bushing				
GK-38	2	Pole Piece Screw				
MN-21	2	Dowel Pin				
8X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	1	#10 Lock Washer				
X-349	1	#10 Plain Washer				
8X-361	1	1/4 Plain Washer				
8X-1377	1	#10-32 Hex. Nut				
GK-20	2	Frame Screw				
5X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	2	#10 Lock Washer				
X-199	2	1/4 Lock Washer				
8X-321	1	#10-32x5/16 Rd. Hd. Screw				
5X-1377	1	#10-32 Hex. Nut				

Comm. End Plate Assy. & Parts Used With

(GCJ-2002C)	1	Comm. End Plate Assy.				
GAR-73	1	Oil Wick				
GAR-98	1	Wick Cover				
GBW-69	1	Gasket				
GBW-72	1	Oil Guard				
GBW-73	1	Oil Retaining Gasket				
GBW-1068B	1	Comm. End Cap Cover				
GCJ-51	1	3rd Br. Plate Retaining Spring				
GCJ-1002E	1	C. E. Plate Part Assy.				
GBF-79	1	ABSORBENT BRONZE BRG.				
GBW-45	2	Brush Spring				
GCJ-26	2	Brush Arm				
GCJ-1012†	2	Brush - Main				
GCJ-1013†	1	Brush - Third				
GCJ-1014	1	3rd Brush Plate Assy.				
GBW-45	1	Brush Spring				
GCJ-26	1	Brush Arm				
X-195	5	#8 Lock Washer				
8X-311	1	#10-32x3/8 Rd. Hd. Screw				
8X-888	4	#8-32x5/16 Fill. Hd. Sc.				
8X-1507	1	#8-32x1/4 Bdg. Hd. Screw				
X-195	2	#8 Lock Washer				
8X-1507	2	#8-32x1/4 Bdg. Hd. Screw				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GEM-21	1	Armature Shaft Nut				
GCJ-2006F	1	ARMATURE ASSEMBLY				
GAR-171	1	Snap Ring				
GR-32	1	Felt Washer Retainer				
*	1	Drive Pulley				
X-260	1	#5 Woodruff Key				
X-864	1	.669 Lock Washer				

Drive End Head Assy. & Parts Used With

GBJ-1003	1	Drive End Head Assembly				
GAR-63	2	Felt Guard				
GAR-64	2	Bearing Retainer				
GBJ-3	1	D. E. Head				
GG-164	2	Felt Washer				
8X-173	3	#10-32 Hex. Nut				
X-196	3	#10 Lock Washer				
X-295	1	BALL BRG. - S.A.E. #203				
X-489	1	1/4 Oiler - Press in Type				
8X-1003	3	#10-32x7/8 Rd. Hd. Screw				

Miscellaneous Parts

GBW-24	1	Head Band Assembly				
X-714	1	#10-32x1 1/2 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 8-21-39)

Assembly No.	Drive Pulley
GCJ-4805A	SP-149
GCJ-4805B	SP-254

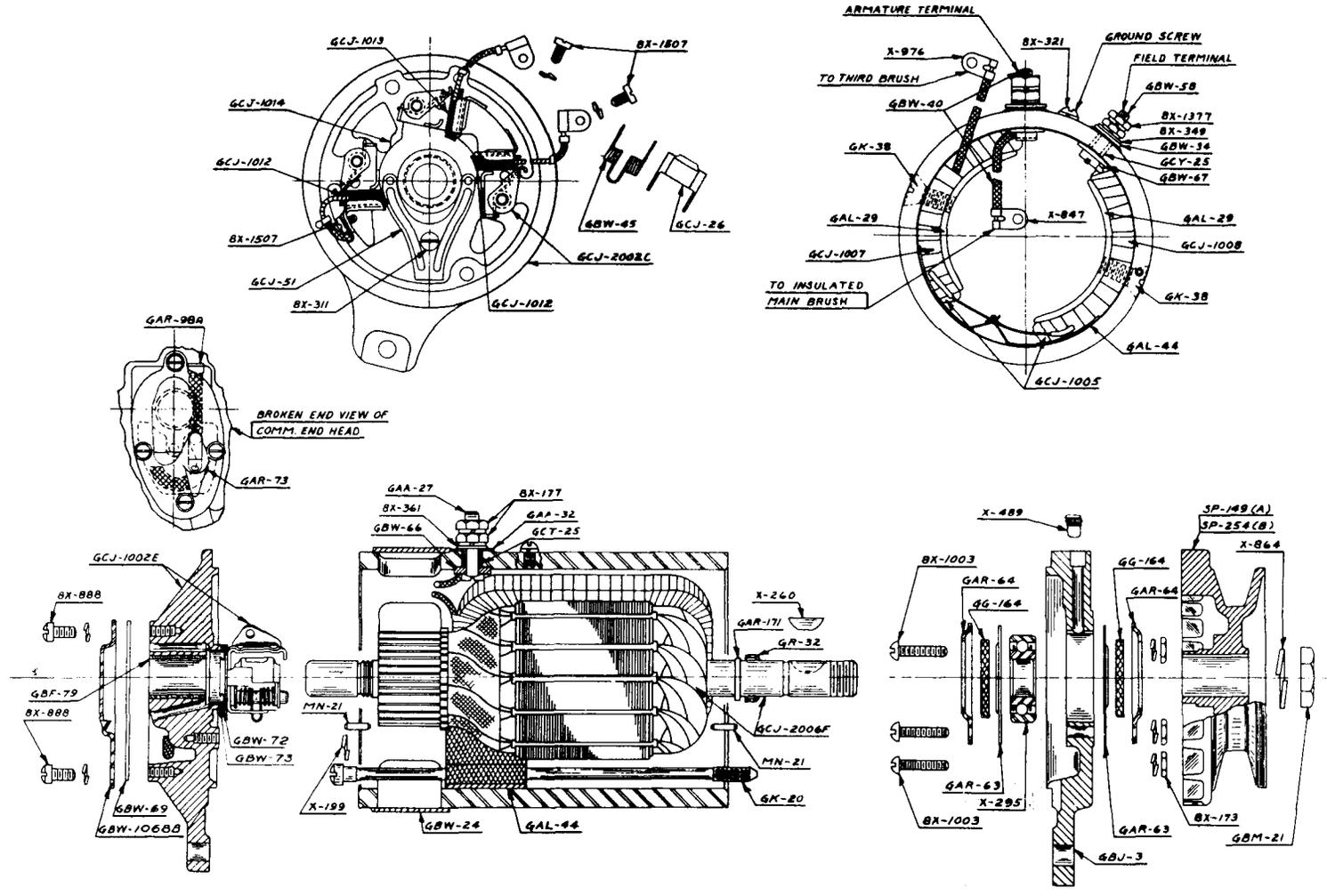
* See table following parts list for part number applying to assembly wanted.

† Service BRUSH SET GDF-2012S.

NOTE:- VRD-4004A VOLTAGE REGULATOR is used with but is not a part of this generator.

UNIT	APPLICATION
GCJ-4805A,B	Reo

G CJ-4805A,B GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCJ-4807A GENERATOR PARTS LIST

GCJ-4807A

<u>Frame & Field Assy. & Parts Used With</u>						
Part No.	No. Used	Name of Part				
		1	2	3	4	5
(GCJ-2001)	1	Frame & Field Assy.				
GAA-32	1	Terminal Post Top Ins.				
GAL-29	2	Pole Piece				
GAL-44	1	Field Connection Ins.				
GBW-34	1	Insulating Washer				
GBW-40	1	Lead Assy.				
GAA-27	1	Terminal Post				
X-847	1	Terminal				
GBW-58	1	Terminal Post				
GBW-66	1	Terminal Stud Ins.				
GBW-67	1	Terminal Stud Ins.				
GCJ-1005	1	FIELD COIL ASSY. - COMP.				
GCJ-1007	1	Field Coil Assy. - Left				
X-976	1	Terminal				
GCJ-1008	1	Field Coil - Right				
GCT-25	1	Bushing				
GCT-25	1	Bushing				
GK-38B	2	Pole Piece Screw				
MN-21	2	Dowel Pin				
8X-177	1	#14-24 Hex. Nut				
12X-193	1	#14 Lock Washer				
12X-196	1	#10 Lock Washer				
8X-349	1	#10 Plain Washer				
8X-361	1	1/4 Plain Washer				
8X-1377	1	#10-32 Hex. Nut				
GK-20A	2	Frame Screw				
8X-177	1	#14-24 Hex. Nut				
12X-193	1	#14 Lock Washer				
12X-196	2	#10 Lock Washer				
12X-199	2	1/4 Lock Washer				
8X-321	1	#10-32x5/16 Rd. Hd. Screw				
8X-1377	1	#10-32 Hex. Nut				

<u>Comm. End Plate Assy. & Parts Used With</u>						
Part No.	No. Used	Name of Part				
		1	2	3	4	5
(GCJ-2002)	1	Comm. End Plate Assy.				
GAR-73	1	Oil Wick				
GAR-98A	1	Wick Cover				
GBW-69	1	Gasket				
GBW-72	1	Oil Guard				
GBW-73	1	Oil Retaining Gasket				
GBW-1068B	1	Comm. End Cap Cover				
GCJ-51	1	3rd Brush Plate Rtg. Spr.				
GCJ-1002A	1	Comm. End Plate Part Assy.				
GBF-79	1	ABSORBENT BRONZE BRG.				
GBW-45	2	Brush Spring				
GCJ-26	2	Brush Arm				
GCJ-1012‡	2	Brush - Main				
GCJ-1013‡	1	Brush - Third				
GCJ-1014	1	3rd Brush Plate Assy.				
GBW-45	1	Brush Spring				
GCJ-26	1	Brush Arm				
		1	2	3	4	5

<u>Comm. End Plate Assy. (Continued)</u>						
Part No.	No. Used	Name of Part				
		1	2	3	4	5
12X-195	5	#8 Lock Washer				
8X-311	1	#10-32x3/8 Rd. Hd. Screw				
8X-888	4	#8-32x5/16 Fill. Hd. Screw				
8X-1507	1	#8-32x1/4 Bdg. Hd. Screw				
X-195	2	#8 Lock Washer				
8X-1507	2	#8-32x1/4 Bdg. Hd. Screw				

<u>Armature Assy. & Parts Used With</u>						
Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBM-21	1	Armature Shaft Nut				
GCJ-2006	1	ARMATURE ASSY.				
GAR-171	1	Snap Ring				
GR-32	1	Felt Washer Retainer				
SP-1296	1	Drive Pulley				
X-260	1	#5 Woodruff Key				
X-864	1	.669 Lock Washer				

<u>Drive End Head Assy. & Parts Used With</u>						
Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBJ-1065	1	Drive End Head Assy.				
GAR-63	2	Felt Guard				
GAR-64	2	Bearing Retainer				
GBJ-65	1	D.E. Head				
GG-164	2	Felt Washer				
8X-173	3	#10-32 Hex. Nut				
X-196	3	#10 Lock Washer				
X-295	1	BALL BRG. - S.A.E. #203				
X-489	1	1/4 Oiler - Press in Type				
8X-1003	3	#10-32x7/8 Rd. Hd. Screw				

<u>Miscellaneous Parts</u>						
Part No.	No. Used	Name of Part				
		1	2	3	4	5
GBW-24B	1	Head Band				
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 3-16-39)

‡ SERVICE BRUSH SET GCJ-2012S.

NOTE:- VRD-4001B Voltage Regulator is used with but is not a part of this generator.

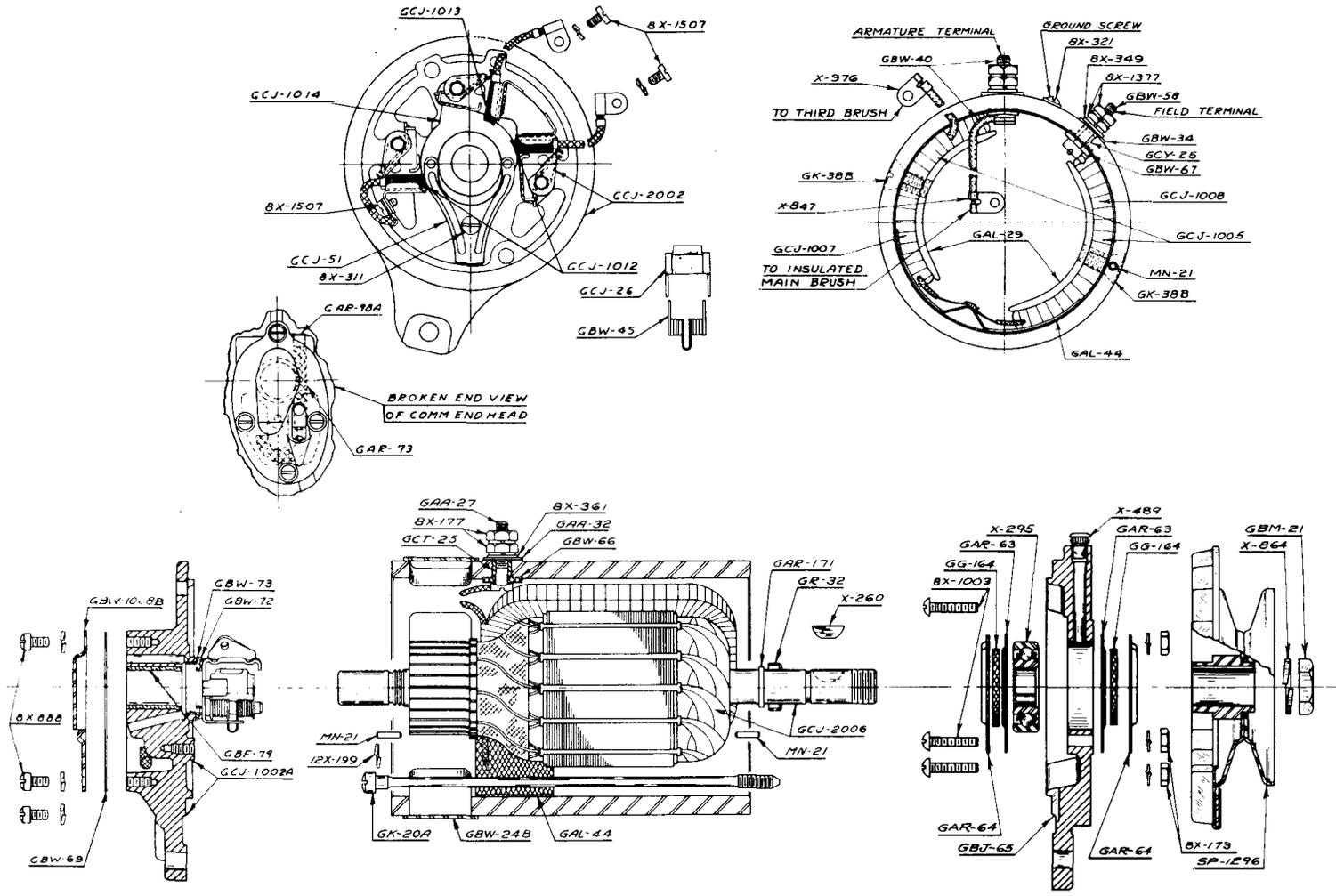
UNIT	APPLICATION
GCJ-4807A	Packard

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."

G CJ-4807A GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCJ-4808A GENERATOR PARTS LIST

GCJ-4808A

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(GCJ-2065)	1	Frame & Field Assembly				
GAA-32	1	Terminal Post Top Ins.				
GAL-29	2	Pole Piece				
GAL-44	1	Field Connection Ins.				
GBW-34	1	Insulating Washer				
GBW-40	1	Lead Assembly				
GAA-27	1	Terminal Post				
X-847	1	Terminal				
GBW-66	1	Terminal Post Bottom Ins.				
GBW-67	1	Terminal Post Bottom Ins.				
GCJ-1005	1	FIELD COIL ASSY.- Comp.				
GBW-58	1	Terminal Post				
GCJ-1007	1	Field Coil Assy.-Left				
X-976	1	Terminal				
GCJ-1008	1	Field Coil - Right				
GCT-25	1	Insulating Bushing				
GCY-25	1	Insulating Bushing				
GK-38	2	Pole Piece Screw				
MN-21	2	Dowel Pin				
8X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	1	#10 Lock Washer				
8X-349	1	#10 Plain Washer				
8X-361	1	1/4 Plain Washer				
8X-1377	1	#10-32 Hex. Nut				
GK-20	2	Frame Screw				
5X-177	1	#14-24 Hex. Nut				
X-193	1	#14 Lock Washer				
X-196	2	#10 Lock Washer				
X-199	2	1/4 Lock Washer				
8X-321	1	#10-32x5/16 Rd. Hd. Screw				
5X-1377	1	#10-32 Hex. Nut				

Comm. End Plate Assy. & Parts Used With

(GCJ-2060)	1	Comm. End Plate Assembly				
GAR-73	1	Oil Wick				
GAR-98A	1	Wick Cover				
GBF-79	1	ABSORBENT BRONZE BRG.				
GBW-69	1	Gasket				
GBW-72	1	Oil Guard				
GBW-73	1	Oil Retaining Gasket				
GBW-1068B	1	Comm. End Cap Cover				
GCJ-1012†	2	Brush - Main				
GCJ-1013†	1	Brush - Third				
GCJ-1058	1	Brush Holder Plate Assy.				
GBW-45	3	Brush Spring				
GCJ-26	3	Brush Arm				
X-195	5	#8 Lock Washer				
X-196	3	#10 Lock Washer				
8X-311	3	#10-32x3/8 Rd. Hd. Screw				
8X-888	4	#8-32x5/16 Fill. Hd. Sc.				
8X-1507	1	#8-32x1/4 Bdg. Hd. Screw				
X-195	2	#8 Lock Washer				
8X-1507	2	#8-32x1/4 Bdg. Hd. Screw				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GEM-21	1	Armature Shaft Nut				
GCJ-2006B	1	ARMATURE ASSEMBLY				
GAR-171	1	Snap Ring				
GR-32	1	Felt Washer Retainer				
SP-1182	1	Drive Pulley				
X-260	1	#5 Woodruff Key				
X-864	1	.669 Lock Washer				

Drive End Head Assy. & Parts Used With

GBJ-1003C	1	Drive End Head Assembly				
GAR-63	2	Felt Guard				
GAR-64	2	Bearing Retainer				
GBJ-3C	1	Drive End Head				
GG-164	2	Felt Washer				
8X-173	3	#10-32 Hex. Nut				
X-196	3	#10 Lock Washer				
X-295	1	BALL BRG. - S.A.E. #203				
X-489	1	1/4 Oiler - Press in Type				
8X-1003	3	#10-32x7/8 Rd. Hd. Screw				

Miscellaneous Parts

GBW-24	1	Head Band				
X-714	1	#10-32x1 1/2 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 7-31-40)

† SERVICE BRUSH SET GDF-2012S.

NOTE:- VRD-4006A VOLTAGE REGULATOR is used with but is not part of this generator.

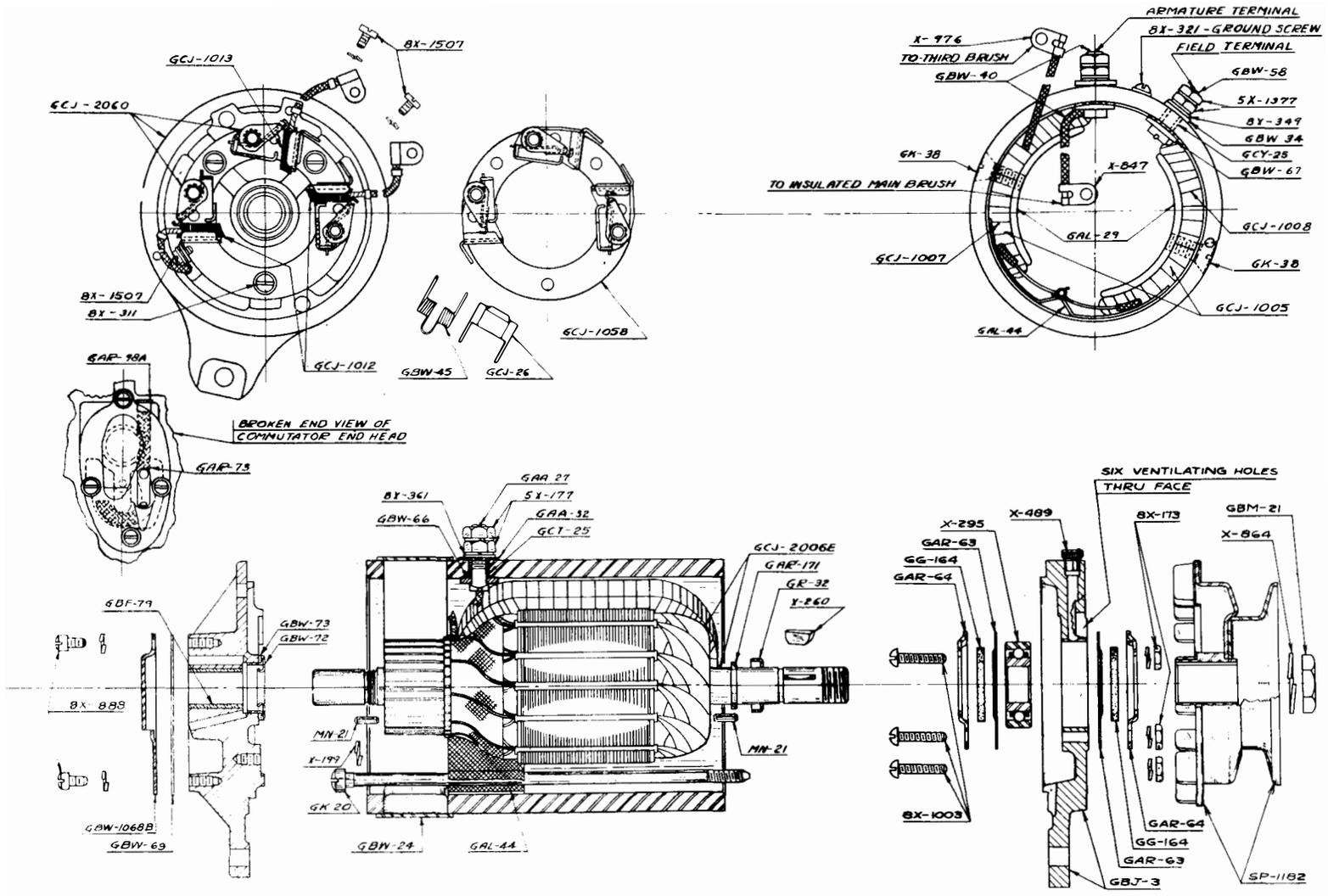
UNIT	APPLICATION
GCJ-4808A	Studebaker

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File in
Equipment & Parts List Binder

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

G CJ-4808A GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCJ-4810A GENERATOR PARTS LIST

GCJ-4810A

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
(GCJ-2001)	1	Frame & Field Assy.					
GAA-32	1	Terminal Post Top Ins.					
GAL-29	2	Pole Piece					
GAL-44	1	Field Connection Ins.					
GBW-34	1	Insulating Washer					
GBW-40	1	Lead Assy.					
GAA-27	1	Terminal Post					
X-847	1	Terminal					
GBW-58	1	Terminal Post					
GBW-66	1	Terminal Post Bottom Ins.					
GBW-67	1	Terminal Post Bottom Ins.					
GCJ-1005	1	FIELD COIL ASSY. - COMP.					
GCJ-1007	1	Field Coil Assy.-Left					
X-976	1	Terminal					
GCJ-1008	1	Field Coil - Right					
GCT-25	1	Insulating Bushing					
GCT-25	1	Insulating Bushing					
GK-38B	2	Pole Piece Screw					
MN-21	2	Dowel Pin					
8X-177	1	#14-24 Hex. Nut					
12X-193	1	#14 Lock Washer					
12X-196	1	#10 Lock Washer					
8X-349	1	#10 Plain Washer					
8X-361	1	1/4 Plain Washer					
8X-1377	1	#10-32 Hex. Nut					
GK-20A	2	Frame Screw					
8X-177	2	#14-24 Hex. Nut					
12X-193	1	#14 Lock Washer					
12X-196	2	#10 Lock Washer					
12X-199	2	1/4 Lock Washer					
8X-321	1	#10-32x5/16 Rd. Hd. Screw					
8X-1377	1	#10-32 Hex. Nut					

Comm. End Plate Assy. & Parts Used With

(GCJ-2002E)	1	Comm. End Plate Assy.					
GAR-73	1	Oil Wick					
GAR-98A	1	Wick Cover					
GBW-30B	1	Comm. End Cap Cover					
GBW-31	1	Gasket					
GBW-72	1	Oil Guard					
GBW-73	1	Oil Retaining Gasket					
GCJ-51	1	3rd Brush Plate Rtg. Spr.					
GCJ-1002J	1	Comm. End Plate Part Assy.					
GBF-79	1	ABSORBENT BRONZE BRG.					
GBW-45	2	Brush Spring					
GCJ-26	2	Brush Arm					
GCJ-1012†	2	Brush - Main					
GCJ-1013†	1	Brush - Third					
GCJ-1014	1	3rd Brush Plate Assy.					
GBW-45	1	Brush Spring					
GCJ-26	1	Brush Arm					
			1	2	3	4	5

Comm. End Plate Assy. (Continued)

Part No.	No. Used	Name of Part					
			1	2	3	4	5
12X-195	5	#8 Lock Washer					
8X-311	1	#10-32x3/8 Rd. Hd. Screw					
X-489	1	1/4 Oiler - Press in Type					
8X-888	4	#8-32x5/16 Fill. Hd. Screw					
8X-1507	1	#8-32x1/4 Bdg. Hd. Screw					
X-195	2	#8 Lock Washer					
8X-1507	2	#8-32x1/4 Bdg. Hd. Screw					

Armature Assy. & Parts Used With

GBM-21	1	Armature Shaft Nut					
GCJ-2092	1	ARMATURE ASSY.					
GAR-171	1	Snap Ring					
GCJ-93	1	Clutch					
GR-32	1	Felt Washer Retainer					
SP-1296	1	Drive Pulley					
X-260	1	#5 Woodruff Key					
X-864	1	.669 Lock Washer					

Drive End Head Assy. & Parts Used With

GBJ-1065	1	Drive End Head Assy.					
GAR-63	2	Felt Guard					
GAR-64	2	Bearing Retainer					
GBJ-65	1	D.E. Head					
GG-164	2	Felt Washer					
8X-173	3	#10-32 Hex. Nut					
X-196	3	#10 Lock Washer					
X-295	1	BALL BRG. - S.A.E. #203					
8X-489	1	1/4 Oiler - Press in Type					
8X-1003	3	#10-32x7/8 Rd. Hd. Screw					

Miscellaneous Parts

GBW-24B	1	Head Band Assy.					
8X-715	1	#10-32x1 1/4 Rd. Hd. Screw					
8X-794	1	#10-32 Square Nut					
			1	2	3	4	5

(Issued 3-16-39)

† SERVICE BRUSH SET GCJ-2012S.

NOTE:- VRD-4001B Current-Voltage Regulator is used with but is not a part of this generator.

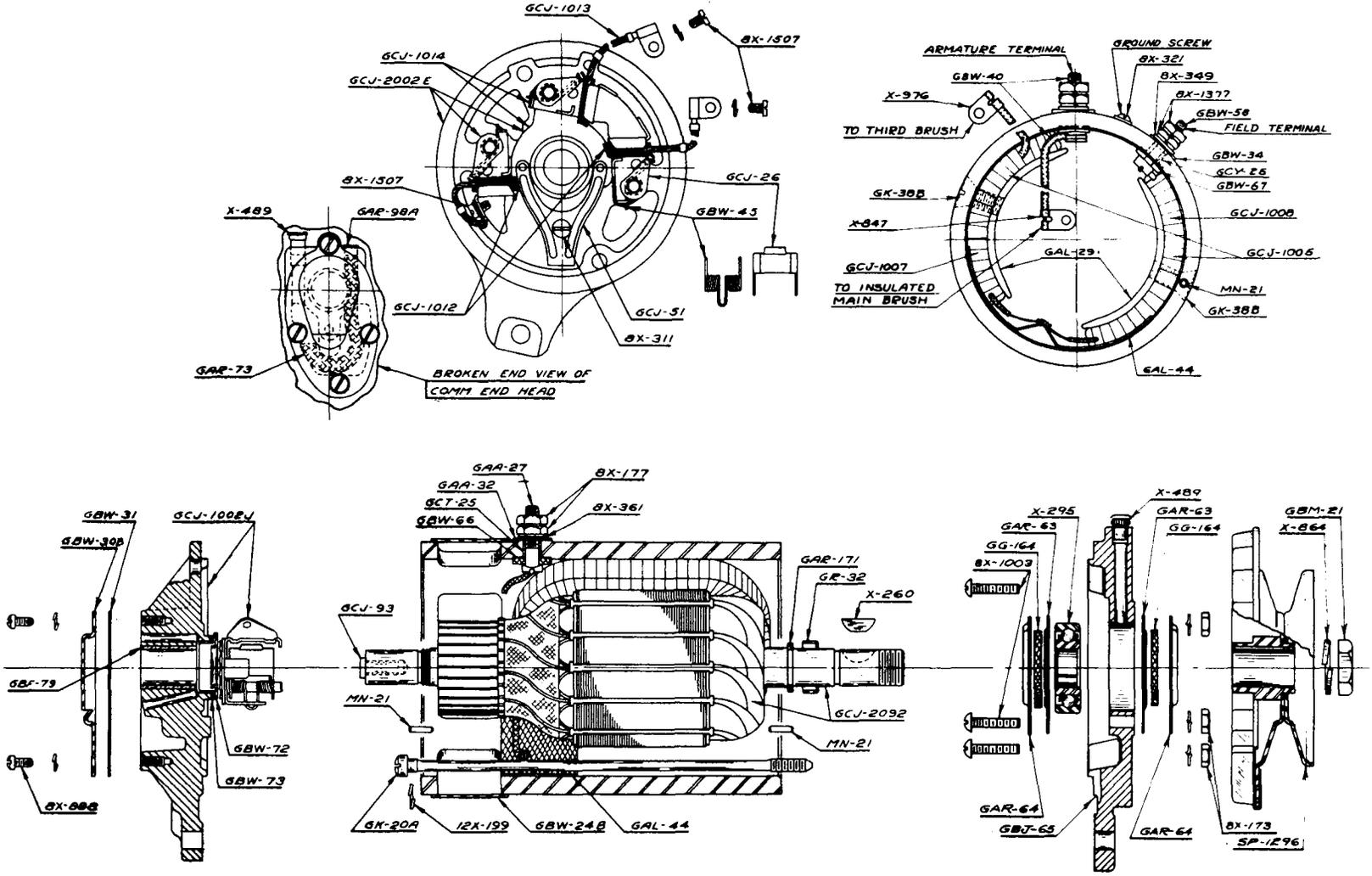
UNIT	APPLICATION
GCJ-4810A	Packard

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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."

GCU-4810A GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCM-4811 GENERATOR PARTS LIST

GCM-4811

Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
GAL-225	1					Fuse Cover	DG-1144	1					Oil Thrower
(GCM-2039)	1					Frame & Field Assy.	GBM-21	1					Armature Shaft Nut
GAL-44	1					Field Connection Ins.	GCJ-2048	1					Armature Assembly
GAL-1005L	1					Field Coil Assy. - Comp.	GAR-171	1					Snap Ring
GAL-1007L	1					Field Coil Assy. - Left	SP-96	1					Ventilating Fan
GAL-289	1					C.B. Lead Assy.	X-157	1					1/2-20 Slotted Nut
X-755	1					Terminal	X-258	1					#3 Woodruff Key
X-1425	1					Terminal	X-263	1					#8 Woodruff Key
X-976	1					Terminal	X-358	1					1/2 Plain Steel Washer
GAL-1008D	1					Field Coil Assy. - Right	X-404	1					3/32x1 Cotter Pin
X-976	1					Terminal	X-864	1					.669 Lock Washer
GAL-1224	1					Fuse Holder	<u>Drive End Head Assembly & Parts Used With</u>						
GAR-29	2					Pole Piece	GAR-1192	1					Drive End Head Assy.
GAR-211	1					Ins. Bushing	GAE-47	1					Bearing Retainer
GK-38	2					Pole Piece Screw	GAR-192	1					Drive End Head
MN-21	2					Dowel Pin	8X-66	3					#10-32x1/2 Flat Hd. Sc.
8X-59	1					#8-32x3/16 Rd. Hd. Sc.	X-378	1					Ball Brg. - Oil Seal
X-195	1					#8 Lock Washer	<u>Miscellaneous Parts</u>						
GT-20	2					Frame Screw	CB-4014	1					Circuit Breaker Assy.
X-199	2					1/4 Lock Washer	CB-123	1					Armature Spring
X-842	1					Fuse - 5 Ampere	CB-160	1					C.B. Cover
<u>Comm. End Plate Assembly & Parts Used With</u>						PX-55	1						#10-32x3/16 Bdg. Hd. Screw
DA-39	2					Flat Oil Guard	X-196	2					#10 Lock Washer
DA-132	1					Felt Washer	8X-312	1					#10-32x1/4 Rd. Hd. Screw
GAB-188	1					Felt Washer	GBW-1024A	1					Head Band Assembly
GAR-82	1					Air Deflector	X-196	2					#10 Lock Washer
GAR-83	1					Comm. End Cap Cover	8X-321	2					#10-32x5/16 Rd. Hd. Screw
GBJ-25	1					End Cap Cover Gasket	X-715	1					#10-32x1 1/4 Rd. Hd. Screw
(GCM-2035)	1					Comm. End Plate Assy.	8X-794	1					#10-32 Square Nut
GCJ-51	1					3rd Brush Plate Retain'g Spring							1 2 3 4 5
GCJ-1012†	2					Brush - Main	(Issued 10-22-37)						
GCJ-1013†	1					Brush - Third							
GCJ-1014	1					3rd Brush Plate Assy.							
GBW-45	1					Brush Spring							
GCJ-26	1					Brush Arm							
GCM-1035	1					Comm. End Plate Part Assy.							
GBW-45	2					Brush Spring							
GCJ-26	2					Brush Arm							
X-195	1					#8 Lock Washer							
8X-305	1					#8-32x1/4 Rd. Hd. Screw							
8X-311	1					#10-32x3/8 Rd. Hd. Screw							
GR-32	1					Felt Washer Retainer							
X-62	6					#10-32x3/8 Flat Hd. Screw							
X-195	2					#8 Lock Washer							
X-295	1					Ball Brg. - S.A.E. #203							
8X-305	2					#8-32x1/4 Rd. Hd. Screw							
X-489	1					1/4 Oiler - Press in Type							
		1	2	3	4	5							

† Service Brush Set GCJ-2012S.

"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

GCJ-4812 GENERATOR PARTS LIST

GCJ-4812

PRELIMINARY

Frame & Field Assembly & Parts Used With						Armature Assembly & Parts Used With							
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(GCJ-3079)	1	Frame & Field Assembly					GAL-310	1	Armature Shaft Spacer				
GAL-29	2	Pole Piece					GCJ-2091	1	ARMATURE ASSEMBLY				
GAL-44	1	Field Connection Ins.					GK-174	1	1/2 Plain Washer				
GAR-211	1	Insulating Bushing					X-156	1	1/2-20 Castellated Nut				
GCJ-2005C	1	FIELD COIL ASSY.- Comp.					X-263	1	#8 Woodruff Key				
GCJ-2007B	1	Field Coil Assy.-Left					X-404	1	3/32x1 Cotter Pin				
GAL-296	1	C.B. Lead Assy.					<u>Drive End Head Assembly & Parts Used With</u>						
X-755	1	Terminal					GDF-1003	1	Drive End Head Assembly				
X-1425	1	Terminal					DB-17	1	Felt Guard				
X-959	1	Terminal					GAR-95	1	Felt Washer				
GCJ-2008B	1	Field Coil Assy.-Right					GBC-25	1	Felt Guard				
X-976	1	Terminal					GDF-3	1	Drive End Head				
GK-38	2	Pole Piece Screw					GW-29	1	Felt Washer				
MN-21	2	Dowel Pin					GX-9	1	Bearing Retainer				
8X-140	1	#6-32 Hex. Nut					X-196	3	#10 Lock Washer				
X-194	1	#6 Lock Washer					X-298	1	BALL BEARING- S.A.E. #204				
8X-1008	1	#6-32x9/16 Rd. Hd. Screw					8X-311	3	#10-32x3/8 Rd. Hd. Screw				
GK-20	2	Frame Screw					X-489	1	1/4 Oiler - Press in Type				
X-199	2	1/4 Lock Washer					<u>Miscellaneous Parts</u>						
<u>Comm. End Plate Assembly & Parts Used With</u>						CB-4014	1	CIRCUIT BREAKER ASSEMBLY					
(GCJ-3085)	1	Comm. End Plate Assembly					CB-123	1	Armature Spring				
GAR-73	1	Oil Wick					CB-160S	1	C. B. Cover				
GAR-98A	1	Wick Cover					PX-55	1	#10-32x3/16 Bdg. Hd. Sc.				
GBW-69	1	Gasket					X-196	2	#10 Lock Washer				
GBW-72	1	Oil Guard					8X-312	1	#10-32x1/4 Rd. Hd. Sc.				
GBW-73	1	Oil Retaining Gasket					GBW-1024A	1	Head Band Assembly				
GBW-1068B	1	Comm. End Cap Cover					X-196	2	#10 Lock Washer				
GCJ-51	1	3rd Brush Plate Retaining Spring					8X-321	2	#10-32x5/16 Rd. Hd. Screw				
GCJ-1014L	1	3rd Brush Plate Assy.					X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
GBW-45	1	Brush Spring					8X-794	1	#10-32 Square Nut				
GCJ-26	1	Brush Arm					1 2 3 4 5						
GCJ-1085A	1	C. E. Plate Part Assy.					(Issued 4-18-41)						
GBF-79	1	ABSORBENT BRONZE BRG.											
GBW-45	1	Brush Spring											
GCJ-26	1	Brush Arm											
GCJ-1023L	1	Grounded Brush Holder Assembly											
GBW-45	1	Brush Spring											
GCJ-26	1	Brush Arm											
X-195	2	#8 Lock Washer											
8X-304	2	#8-32x5/16 Rd. Hd. Sc.											
GDF-1012†	2	Brush - Main											
GDF-1013†	1	Brush - Third											
X-195	5	#8 Lock Washer											
8X-311	1	#10-32x3/8 Rd. Hd. Screw											
8X-888	4	#8-32x5/16 Fill. Hd. Sc.											
8X-1507	1	#8-32x1/4 Bdg. Hd. Screw											
X-195	2	#8 Lock Washer											
8X-1507	2	#8-32x1/4 Bdg. Hd. Screw											
		1	2	3	4	5							

† SERVICE BRUSH SET GDF-2012S.

UNIT	APPLICATION
GCJ-4812	Chris Craft

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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

GCJ-4813 GENERATOR PARTS LIST

GCJ-4813

PRELIMINARY

Frame & Field Assembly & Parts Used With						Armature Assembly & Parts Used With							
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(GCJ-3074)	1	Frame & Field Assembly					GCJ-2090	1	ARMATURE ASSEMBLY				
GAL-29	2	Pole Piece					GAR-171	2	Snap Ring				
GAL-44	1	Field Connection Ins.					GJ-104	1	Armature Shaft Spacer				
GAR-211	1	Insulating Bushing					GJ-179	1	7/16 Plain Washer				
GCJ-2005	1	FIELD COIL ASSY.- Comp.					X-160	1	7/16-20 Hex. Nut				
GCJ-2007	1	Field Coil Assy.-Left					X-205	1	7/16 Lock Washer				
X-976	1	Terminal					X-261	2	#6 Woodruff Key				
GCJ-2008	1	Field Coil Assy.-Right					<u>Drive End Head Assembly & Parts Used With</u>						
GAL-289	1	C.B. Lead Assy.					GCZ-1003A	1	Drive End Head Assembly				
X-755	1	Terminal					GCZ-3A	1	Drive End Head				
X-1425	1	Terminal					GG-6	2	Bearing Retainer				
X-959	1	Terminal					GG-164	1	Felt Washer				
GK-38	2	Pole Piece Screw					GK-176	1	Felt Washer Retainer				
MN-21	2	Dowel Pin					8X-173	3	#10-32 Hex. Nut				
8X-140	1	#6-32 Hex. Nut					X-196	3	#10 Lock Washer				
X-194	1	#6 Lock Washer					X-295	1	BALL BEARING- S.A.E. #203				
8X-1008	1	#6-32x9/16 Rd. Hd. Sc.					8X-316	3	#10-32x3/4 Rd. Hd. Sc.				
GK-20	2	Frame Screw					X-489	1	1/4 Oiler - Press in Type				
X-199	2	1/4 Lock Washer					<u>Miscellaneous Parts</u>						
<u>Comm. End Plate Assembly & Parts Used With</u>						CB-4014	1	CIRCUIT BREAKER ASSEMBLY					
DA-39	2	Flat Oil Guard					CB-123	1	Armature Spring				
DA-70	1	Armature Shaft Nut					CB-160S	1	C. B. Cover				
DJ-10	1	End Cap Cover Gasket					PX-55	1	#10-32x3/16 Bdg. Hd. Sc.				
GAG-53	1	Comm. End Cap Cover					X-196	2	#10 Lock Washer				
(GCJ-3075)	1	Comm. End Plate Assembly					8X-312	1	#10-32x1/4 Rd. Hd. Screw				
GCJ-51	1	3rd Brush Plate Retaining Spring					GBW-1024A	1	Head Band Assembly				
GCJ-1014L	1	3rd Brush Plate Assy.					X-196	2	#10 Lock Washer				
GBW-45	1	Brush Spring					8X-321	2	#10-32x5/16 Rd. Hd. Screw				
GCJ-26	1	Brush Arm					X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
GCJ-1075	1	C. E. Plate Part Assy.					8X-794	1	#10-32 Square Nut				
GBW-45	1	Brush Spring							1	2	3	4	5
GCJ-26	1	Brush Arm					(Issued 4-18-41)						
GCJ-1023L	1	Grounded Brush Holder Assembly											
GBW-45	1	Brush Spring											
GCJ-26	1	Brush Arm											
X-195	2	#8 Lock Washer											
8X-304	2	#8-32x5/16 Rd. Hd. Sc.											
GDF-1012†	2	Brush - Main											
GDF-1013†	1	Brush - Third											
X-195	1	#8 Lock Washer											
8X-311	1	#10-32x3/8 Rd. Hd. Screw											
8X-1507	1	#8-32x1/4 Bdg. Hd. Screw											
GR-32	1	Felt Washer Retainer											
GR-35	2	Felt Washer											
X-195	2	#8 Lock Washer											
X-295	1	BALL BEARING - S.A.E. #203											
X-489	1	1/4 Oiler - Press in Type											
X-544	3	#10 Lock Washer											
8X-870	3	#10-32x5/16 Fill. Hd. Sc.											
8X-1507	2	#8-32x1/4 Bdg. Hd. Screw											
		1	2	3	4	5							

† SERVICE BRUSH SET GDF-2012S.

UNIT	APPLICATION
GCJ-4813	Gray Marine

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



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCJ-4814 GENERATOR PARTS LIST

GCJ-4814

PRELIMINARY

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(GCJ-2077)	1	Frame & Field Assembly				
GAL-29	2	Pole Piece				
GAL-44	1	Field Connection Ins.				
GAR-211	1	Insulating Bushing				
GCJ-1005A	1	FIELD COIL ASSY.- Comp.				
GCJ-1007A	1	Field Coil Assy.-Left				
GAL-289	1	C.B. Lead Assy.				
X-755	1	Terminal				
X-1425	1	Terminal				
X-976	1	Terminal				
GCJ-1008A	1	Field Coil Assy.-Right				
X-959	1	Terminal				
GK-38	2	Pole Piece Screw				
MN-21	2	Dowel Pin				
8X-140	1	#6-32 Hex. Nut				
X-194	1	#6 Lock Washer				
8X-1008	1	#6-32x9/16 Rd. Hd. Sc.				
GK-20	2	Frame Screw				
X-199	2	1/4 Lock Washer				

Comm. End Plate Assembly & Parts Used With

DA-39	2	Flat Oil Guard				
DA-70	1	Armature Shaft Nut				
DJ-10	1	End Cap Cover Gasket				
GAG-53	1	Comm. End Cap Cover				
(GCJ-2076)	1	Comm. End Plate Assembly				
GCJ-51	1	3rd Brush Plate Retaining Spring				
GCJ-1014	1	3rd Brush Plate Assembly				
GBW-45	1	Brush Spring				
GCJ-26	1	Brush Arm				
GCJ-1076	1	C. E. Plate Part Assy.				
GBW-45	1	Brush Spring				
GCJ-26	1	Brush Arm				
GCJ-1023R	1	Grounded Brush Holder Assembly				
GBW-45	1	Brush Spring				
GCJ-26	1	Brush Arm				
X-195	2	#8 Lock Washer				
8X-304	2	#8-32x5/16 Rd. Hd. Sc.				
GDF-1012†	2	Brush - Main				
GDF-1013†	1	Brush - Third				
X-195	1	#8 Lock Washer				
8X-311	1	#10-32x3/8 Rd. Hd. Sc.				
8X-1507	1	#8-32x1/4 Bdg. Hd. Sc.				
GR-32	1	Felt Washer Retainer				
GR-35	2	Felt Washer				
X-195	2	#8 Lock Washer				
X-295	1	BALL BEARING - S.A.E. #203				
X-489	1	1/4 Oiler - Press in Type				
X-544	3	#10 Lock Washer				
8X-870	3	#10-32x5/16 Fill. Hd. Sc.				
8X-1507	2	#8-32x1/4 Bdg. Hd. Screw				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GCJ-2090	1	ARMATURE ASSEMBLY				
GAR-171	2	Snap Ring				
GJ-104	1	Armature Shaft Spacer				
GJ-179	1	7/16 Plain Washer				
X-160	1	7/16-20 Hex. Nut				
X-205	1	7/16 Lock Washer				
X-261	2	#6 Woodruff Key				

Drive End Head Assembly & Parts Used With

GAL-1063B	1	Drive End Head Assembly				
GAL-63A	1	Drive End Head				
GG-6	2	Bearing Retainer				
GG-164	1	Felt Washer				
GK-176	1	Felt Washer Retainer				
8X-173	3	#10-32 Hex. Nut				
X-196	3	#10 Lock Washer				
X-295	1	BALL BRG. - S.A.E. #203				
8X-316	3	#10-32x3/4 Rd. Hd. Screw				
X-489	1	1/4 Oiler - Press in Type				

Miscellaneous Parts

CB-4014	1	CIRCUIT BREAKER ASSEMBLY				
CB-123	1	Armature Spring				
CB-160S	1	C. B. Cover				
PX-55	1	#10-32x3/16 Bdg. Hd. Sc.				
X-196	2	#10 Lock Washer				
8X-312	1	#10-32x1/4 Rd. Hd. Sc.				
GBW-1024A	1	Head Band Assembly				
X-196	2	#10 Lock Washer				
8X-321	2	#10-32x5/16 Rd. Hd. Screw				
X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 4-18-41)

† SERVICE BRUSH SET GDF-2012S.

UNIT	APPLICATION
GCJ-4814	Gray Marine

Printed in U. S. A.

File in
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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GCJ-4815 GENERATOR PARTS LIST

GCJ-4815

PRELIMINARY

Frame & Field Assembly & Parts Used With						Armature Assembly & Parts Used With							
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(GCJ-2063)	1	Frame & Field Assembly					GAL-310	1	Armature Shaft Spacer				
GAL-29	2	Pole Piece					GCJ-2091	1	ARMATURE ASSEMBLY				
GAL-44	1	Field Connection Ins.					GK-174	1	1/2 Plain Washer				
GAR-211	1	Insulating Bushing					X-156	1	1/2-20 Castellated Nut				
GCJ-1005D	1	FIELD COIL ASSY.- Comp.					X-263	1	#8 Woodruff Key				
GCJ-1007B	1	Field Coil Assy.-Right					X-404	1	3/32x1 Cotter Pin				
X-976	1	Terminal					<u>Drive End Head Assembly & Parts Used With</u>						
GCJ-1008D	1	Field Coil Assy.-Left					GDF-1003A	1	Drive End Head Assembly				
GAL-299	1	C.B. Lead Assy.					DB-17	1	Felt Guard				
X-755	1	Terminal					GAR-95	1	Felt Washer				
X-1425	1	Terminal					GBC-25	1	Felt Guard				
X-959	1	Terminal					GDF-3A	1	Drive End Head				
GK-36	2	Pole Piece Screw					GW-29	1	Felt Washer				
MN-21	2	Dowel Pin					GX-9	1	Bearing Retainer				
8X-140	1	#6-32 Hex. Nut					X-196	3	#10 Lock Washer				
X-194	1	#6 Lock Washer					X-298	1	BALL BEARING - S.A.E. #204				
8X-1008	1	#6-32x9/16 Rd. Hd. Screw					8X-311	3	#10-32x3/8 Rd. Hd. Screw				
GK-20	2	Frame Screw					X-489	1	1/4 Oiler - Press in Type				
X-199	2	1/4 Lock Washer					<u>Miscellaneous Parts</u>						
<u>Comm. End Plate Assembly & Parts Used With</u>						CB-4014	1	CIRCUIT BREAKER ASSEMBLY					
(GCJ-2086)	1	Comm. End Plate Assembly					CB-123	1	Armature Spring				
GAR-73	1	Oil Wick					CB-160S	1	C. B. Cover				
GAR-98A	1	Wick Cover					PX-55	1	#10-32x3/16 Bdg. Hd. Sc.				
GBW-69	1	Gasket					X-196	2	#10 Lock Washer				
GBW-72	1	Oil Guard					8X-312	1	#10-32x1/4 Rd. Hd. Screw				
GBW-73	1	Oil Retaining Gasket					GBW-1024A	1	Head Band Assembly				
GBW-1068B	1	Comm. End Cap Cover					X-196	2	#10 Lock Washer				
GCJ-51	1	3rd Brush Plate Retaining Spring					8X-321	2	#10-32x5/16 Rd. Hd. Screw				
GCJ-1014	1	3rd Brush Plate Assy.					X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
GBW-45	1	Brush Spring					8X-794	1	#10-32 Square Nut				
GCJ-26	1	Brush Arm					1 2 3 4 5						
GCJ-1086A	1	C. E. Plate Part Assy.					(Issued 4-18-41)						
GBF-79	1	ABSORBENT BRONZE BRG.											
GBW-45	1	Brush Spring											
GCJ-26	1	Brush Arm											
GCJ-1023R	1	Grounded Brush Holder Assembly											
GBW-45	1	Brush Spring											
GCJ-26	1	Brush Arm											
X-195	2	#8 Lock Washer											
8X-304	2	#8-32x5/16 Rd. Hd. Sc.											
GDF-1012†	2	Brush - Main											
GDF-1013†	1	Brush - Third											
X-195	5	#8 Lock Washer											
8X-311	1	#10-32x3/8 Rd. Hd. Screw											
8X-888	4	#8-32x5/16 Fill. Hd. Sc.											
8X-1507	1	#8-32x1/4 Bdg. Hd. Screw											
X-195	2	#8 Lock Washer											
8X-1507	2	#8-32x1/4 Bdg. Hd. Screw											
		1	2	3	4	5							

† SERVICE BRUSH SET GDF-2012S.

UNIT	APPLICATION
GCJ-4815	Chris Craft

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