

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFA-4901-2 GENERATOR PARTS LIST

GFA-4901-2
(Issued 10-6-50)

| Frame & Field Assembly & Parts Used With | | | Comm. End Head Assy. (Continued) | | |
|--|----------|---|---|----------|---|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part |
| GCJ-33 | 1 | Cup, Grounding | GR-32 | 1 | Retainer, Felt Washer |
| (GEO-2047A) | 1 | Frame & Field Assembly | GR-35 | 1 | Washer, Felt |
| GAL-44 | 1 | Insulation, Field Connection | 8X-119 | 3 | Screw, Cover, Fill. Hd. #10-32x1/2 |
| GBW-34 | 1 | Washer, Ins., Term. Stud, Outer | 12X-195 | 3 | Lockwasher, Lead Sc., #8 |
| GBW-67 | 1 | Insulation, Term. Stud, Inner | 12X-196 | 3 | Lockwasher, Cover Screw, #10 |
| GCY-25 | 1 | Bushing, Ins., Term. Stud | X-295 | 1 | BEARING, BALL, S.A.E. #203 |
| GEO-1005J | 1 | COIL ASSY., FIELD, COMPLETE | X-489 | 1 | Oiler |
| GEB-58 | 1 | Stud, Terminal, #10-32 | 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 |
| GEO-1007F | 1 | Coil Assy., Field, Left | <u>Armature Assembly & Parts Used With</u> | | |
| GAL-298 | 1 | Lead Assembly | GAG-1166 | 1 | Oil Thrower |
| X-755 | 1 | Terminal | GEJ-2104F | 1 | Armature Assy. |
| X-1425 | 1 | Terminal | GAR-171 | 1 | Snap Ring |
| GEO-1008H | 1 | Coil Assy., Field, Right | X-257 | 1 | Key, Woodruff, #2 |
| X-976 | 1 | Terminal | X-261 | 1 | Key, Woodruff, #6 |
| GFE-37 | 1 | Bushing, Lead Insulating | <u>Drive End Head Assy. & Parts Used With</u> | | |
| GK-38 | 2 | Screw, Pole Shoe | GFA-1003 | 1 | Head Assy., Drive End |
| MN-21 | 2 | Pin, Dowel | GAR-95 | 1 | Washer, Felt |
| 12X-196 | 2 | Lockwasher, Term. Stud, #10 | GFA-3 | 1 | Head, Drive End |
| 8X-349 | 1 | Washer, Term. Stud, Plain #10 | GX-9 | 1 | Retainer, Bearing |
| 8X-1377 | 2 | Nut, Term. Stud, Hex. #10-32 | GX-10 | 1 | Gasket, Brg. Retainer |
| GK-20A | 2 | Bolt, Thru | 12X-196 | 3 | Lockwasher, Retainer Sc. #10 |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | 8X-311 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x3/8 |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | X-378 | 1 | BEARING, BALL, SHIELDED, S.A.E. #204 |
| DA-39 | 3 | Washer, Plain | <u>Dist. Mounting Housing & Parts Used With</u> | | |
| DA-70 | 1 | Nut, Armature Shaft | GAG-58 | 1 | Clamp, Dist. Mtg. Housing |
| DA-132 | 1 | Washer, Felt | GAG-101 | 1 | Housing, Dist. Mounting |
| GCJ-2076 | 1 | Head Assy., Comm. End | GE-25 | 1 | GEAR, DIST. DRIVE |
| GCJ-51 | 1 | Spring, Retaining | SW-213 | 1 | Rivet, Gear |
| | | 3rd. Brush Plate | 8X-53 | 1 | Screw, Dist. Housing Clamp, Rd. Hd. #8-32x5/8 |
| GCJ-1014 | 1 | Plate Assy., 3rd. Brush | 8X-141 | 1 | Nut, Dist. Housing Clamp, Hex. #8-32 |
| GBW-45 | 1 | Spring, Brush | X-382 | 1 | Cup, Grease, 1/8 Pipe |
| GCJ-26 | 1 | Arm, Brush | X-489 | 1 | Oiler |
| GCJ-1076 | 1 | Head Assy., Partial, C.E. | <u>Miscellaneous Parts</u> | | |
| GBW-45 | 1 | Spring, Brush | CB-4021S | 1 | CUTOUT RELAY |
| GCJ-26 | 1 | Arm, Brush | GBW-24B | 1 | Band, Cover |
| GCJ-1023R | 1 | Holder Assy., Brush, Grounded | 12X-196 | 2 | Lockwasher, Mtg. Sc., #10 |
| GBW-45 | 1 | Spring, Brush | 8X-321 | 2 | Screw, Relay Mtg., Rd. Hd. #10-32x5/16 |
| GCJ-26 | 1 | Arm, Brush | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| 12X-195 | 2 | Lockwasher, Brush Holder, #8 | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| 8X-304 | 2 | Screw, Brush Holder, Rd. Hd. #8-32x5/16 | † BRUSH SET, SERVICE GDF-2012S. | | |
| GDF-1012† | 2 | Brush, Main | | | |
| GDF-1013† | 1 | Brush, Third | | | |
| 8X-311 | 1 | Screw, Retaining Spring, Rd. Hd. #10-32x3/8 | | | |

| UNIT | APPLICATION |
|------------|------------------------------------|
| GFA-4901-2 | Universal (Marine & Industrial) |

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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

GFA-4902-2 GENERATOR PARTS LIST

GFA-4902-2
(Issued 3-29-51)

| 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 |
| GCJ-33 | 1 | Cup, Grounded | 8X-304 | 2 | Screw, Brush Holder, Rd. Hd. #8-32x5/16 |
| (GEO-2047A) | 1 | Frame & Field Assembly | GDF-1012† | 2 | Brush, Main |
| GAL-44 | 1 | Insulation, Field Connection | GDF-1013† | 1 | Brush, Third |
| GBW-34 | 1 | Washer, Ins., Term. Stud, Outer | 8X-311 | 1 | Screw, Retaining Spring, Rd. Hd. #10-32x3/8 |
| GBW-67 | 1 | Insulation, Term. Stud, Inner | GR-32 | 1 | Retainer, Felt Washer |
| GCY-25 | 1 | Bushing, Ins., Term. Stud | GR-35 | 1 | Washer, Felt |
| GEO-1005J | 1 | COIL ASSY., FIELD, COMPLETE | 12X-195 | 3 | Lockwasher, Lead Sc., #8 |
| GEB-58 | 1 | Stud, Terminal, #10-32 | X-295 | 1 | BEARING, BALL, S. A. E. #203 |
| GEO-1007F | 1 | Coil Assy., Field, Left | X-489 | 1 | Oiler |
| GAL-298 | 1 | Lead Assembly | 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 |
| X-755 | 1 | Terminal | <u>Armature Assembly & Parts Used With</u> | | |
| X-1425 | 1 | Terminal | GAG-1166 | 1 | Oil Thrower |
| GEO-1008H | 1 | Coil Assy., Field, Right | GEJ-2104F | 1 | ARMATURE ASSY. |
| X-976 | 1 | Terminal | GAR-171 | 1 | Snap Ring |
| GFE-37 | 1 | Bushing, Lead Insulation | X-257 | 1 | Key, Woodruff, #2 |
| GK-38 | 2 | Screw, Pole Shoe | X-261 | 1 | Key, Woodruff, #6 |
| MN-21 | 2 | Pin, Dowel | <u>Drive End Head Assy. & Parts Used With</u> | | |
| 12X-196 | 2 | Lockwasher, Term. Stud, #10 | GFA-1003 | 1 | Head Assy., Drive End |
| 8X-349 | 1 | Washer, Term. Stud, Plain #10 | GAR-95 | 1 | Washer, Felt |
| 8X-1377 | 2 | Nut, Term. Stud, Hex. #10-32 | GFA-3 | 1 | Head, Drive End |
| GK-20A | 2 | Bolt, Thru | GGW-52 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x1/2 |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | GX-9 | 1 | Retainer, Bearing |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | GX-10 | 1 | Gasket, Brg. Retainer |
| DA-39 | 3 | Washer, Plain | 12X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| DA-70 | 1 | Nut, Armature Shaft | X-378 | 1 | BEARING, BALL, SHIELDED, S. A. E. #204 |
| DA-132 | 1 | Washer, Felt | <u>Dist. Mounting Housing & Parts Used With</u> | | |
| GCJ-2076 | 1 | Head Assy., Comm. End | GAG-58 | 1 | Clamp, Dist. Mtg. Housing |
| GCJ-51 | 1 | Spring, Retaining, 3rd Brush Plate | GAG-59 | 1 | Housing, Dist. Mounting |
| GCJ-1014 | 1 | Plate Assy., 3rd Brush | GE-21 | 1 | Gear, Dist. Drive |
| GBW-45 | 1 | Spring, Brush | SW-213 | 1 | Rivet, Gear |
| GCJ-26 | 1 | Arm, Brush | 8X-53 | 1 | Screw, Dist. Housing Clamp, Rd. Hd. #8-32x5/8 |
| GCJ-1076 | 1 | Head Assy., Partial, C.E. | X-119 | 3 | Screw, Housing Mtg., Fill. Hd. #10-32x1/2 |
| GBW-45 | 1 | Spring, Brush | 8X-141 | 1 | Nut, Dist. Housing |
| GCJ-26 | 1 | Arm, Brush | 12X-196 | 3 | Lockwasher, Housing Sc., #10 |
| GCJ-1023R | 1 | Holder Assy., Brush, Grounded | X-382 | 1 | Cup, Grease, 1/8 Pipe |
| GBW-45 | 1 | Spring, Brush | X-489 | 1 | Oiler |
| GCJ-26 | 1 | Arm, Brush | | | |
| 12X-195 | 2 | Lockwasher, Holder Sc., #8 | | | |

(Continued on Reverse Side)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFA-4902-2 GENERATOR PARTS (Cont'd.)

Miscellaneous Parts

| | | |
|----------|---|--|
| CB-4021S | 1 | CUT-OUT RELAY |
| GBW-24B | 1 | Band, Cover |
| 8X-321 | 2 | Screw, Relay Mtg., Rd. Hd. #10-32x5/16 |
| 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| X-1274 | 2 | Washer, Relay Mtg. Sc., Skpf. #10 |

† BRUSH SET, SERVICE GDF-2012S.

| UNIT | APPLICATION |
|------------|-----------------|
| GFA-4902-2 | Universal Motor |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFB-4801 GENERATOR PARTS LIST

GFB-4801

PRELIMINARY

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part | | | | |
|------------|----------|--------------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| (GFB-3048) | 1 | Frame & Field Assembly | | | | |
| GAL-44 | 1 | Field Connection Ins. | | | | |
| GAR-211 | 1 | Insulating Bushing | | | | |
| GDS-29 | 2 | Pole Piece | | | | |
| GFB-2005 | 1 | FIELD COIL ASSY.- Comp. | | | | |
| GFB-2007 | 1 | Field Coil Assy.-Left | | | | |
| X-976 | 1 | Terminal | | | | |
| GFB-2008 | 1 | Field Coil Assy.-Right | | | | |
| GAL-289 | 1 | C. B. Lead Assy. | | | | |
| X-755 | 1 | Terminal | | | | |
| X-1425 | 1 | Terminal | | | | |
| 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. Screw | | | | |
| GK-20 | 2 | Frame Screw | | | | |
| X-199 | 2 | 1/4 Lock Washer | | | | |

Comm. End Plate Assembly & Parts Used With

| | | | | | | |
|-------------|---|----------------------------------|---|---|---|---|
| (GCJ-3085B) | 1 | Comm. End Plate Assembly | | | | |
| 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-1012† | 2 | Brush - Main | | | | |
| GCJ-1013† | 1 | Brush - Third | | | | |
| GCJ-1014L | 1 | 3rd Brush Plate Assembly | | | | |
| GBW-45 | 1 | Brush Spring | | | | |
| GCJ-26 | 1 | Brush Arm | | | | |
| GCJ-1085A | 1 | C. E. Plate Part Assy. | | | | |
| 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. | | | | |
| 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. Sc. | | | | |
| 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 |
| GEJ-2055F | 1 | ARMATURE ASSEMBLY | | | | |
| GAR-171 | 1 | 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 | 1 | #6 Woodruff Key | | | | |

| Drive End Head Assembly & Parts Used With | | | | | | |
|---|---|---------------------------|--|--|--|--|
| GCZ-1003A | 1 | Drive End Head Assembly | | | | |
| GCZ-3A | 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. Sc. | | | | |
| X-489 | 1 | 1/4 Oiler - Press in Type | | | | |

Miscellaneous Parts

| | | | | | | |
|-----------|---|----------------------------|---|---|---|---|
| CB-4013 | 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-1024B | 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 10-2-41)

† SERVICE BRUSH SET GCJ-2012S.

| UNIT | APPLICATION |
|----------|--------------|
| GFB-4801 | Kermath Mfg. |
| | |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFB-4803-3 GENERATOR PARTS LIST

GFB-4803-3

| Frame & Field Assembly & Parts Used With | | | | | | |
|--|----------|---|---|---|---|---|
| Part No. | No. Used | Name of Part | | | | |
| | | 1 | 2 | 3 | 4 | 5 |
| (GFB-2037) | 1 | Frame & Field Assy. | | | | |
| GAL-44 | 1 | Insulation, Field Conn. | | | | |
| GAR-211 | 1 | Bushing, Insulating | | | | |
| GFB-1005 | 1 | COIL ASSY., FIELD, COMP. | | | | |
| GBF-1007 | 1 | Coil Assy., Field, Left | | | | |
| GAL-355 | 1 | Lead Assy. | | | | |
| X-755 | 1 | Terminal | | | | |
| X-976 | 1 | Terminal | | | | |
| X-976 | 1 | Terminal | | | | |
| GFB-1008 | 1 | Coil Assy., Field, Right | | | | |
| X-959 | 1 | Terminal | | | | |
| GK-38 | 2 | Screw, Pole Shoe | | | | |
| MN-21 | 2 | Pin, Dowel | | | | |
| 8X-140 | 1 | Nut, Field Ground, Hex. #6-32 | | | | |
| X-194 | 1 | Lockwasher, Field Ground, #6 | | | | |
| 8X-1008 | 1 | Screw, Field Ground, Rd. Hd. #6-32x9/16 | | | | |
| GT-20A | 2 | Bolt, Thru | | | | |
| X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | | | | |

| Comm. End Head Assembly & Parts Used With | | | | | | |
|---|----------|---|---|---|---|---|
| Part No. | No. Used | Name of Part | | | | |
| | | 1 | 2 | 3 | 4 | 5 |
| GCJ-2086B | 1 | Head Assy., Comm. End | | | | |
| GAR-73 | 1 | Wick, Felt | | | | |
| GAR-98A | 1 | Cover, Wick | | | | |
| GBW-69 | 1 | Gasket, Comm. End Cover | | | | |
| GBW-72 | 1 | Oil Guard | | | | |
| GBW-73 | 1 | Gasket, Oil Retaining | | | | |
| GBW-1068 | 1 | Cover, Comm. End | | | | |
| GCJ-51 | 1 | Spring, Retaining, 3rd Brush Plate | | | | |
| GCJ-1012 † | 2 | Brush, Main | | | | |
| GCJ-1013 † | 1 | Brush, Third | | | | |
| GCJ-1014 | 1 | Plate Assy., 3rd Brush | | | | |
| GBW-45 | 1 | Spring, Brush | | | | |
| GCJ-26 | 1 | Arm, Brush | | | | |
| GCJ-1086C | 1 | Head Assy., Partial, Comm. End | | | | |
| GBF-79 | 1 | BEARING, ABS., BRONZE | | | | |
| GBW-45 | 1 | Spring, Brush | | | | |
| GCJ-26 | 1 | Arm, Brush | | | | |
| GCJ-1023R | 1 | Holder Assy., Brush Grounded | | | | |
| GBW-45 | 1 | Spring, Brush | | | | |
| GCJ-26 | 1 | Arm, Brush | | | | |
| X-195 | 2 | Lockwasher, Brush Holder #8 | | | | |
| 8X-304 | 2 | Screw, Brush Holder, Rd. Hd. #8-32x5/16 | | | | |

| Comm. End Head Assy. (Continued) | | | | | | |
|----------------------------------|----------|---|---|---|---|---|
| Part No. | No. Used | Name of Part | | | | |
| | | 1 | 2 | 3 | 4 | 5 |
| 12X-195 | 4 | Lockwasher, Cover Sc., #8 | | | | |
| 8X-311 | 1 | Screw, Retaining Spring, Rd. Hd. #10-32x3/8 | | | | |
| 8X-888 | 4 | Screw, C.E. Cover Fill. Hd. #8-32x5/16 | | | | |
| X-195 | 3 | Lockwasher, Brush Lead Sc., #8 | | | | |
| 8X-1507 | 3 | Screw, Brush Lead Bdg. Hd. #8-32x1/4 | | | | |

| Armature Assembly & Parts Used With | | | | | | |
|-------------------------------------|----------|----------------------------------|---|---|---|---|
| Part No. | No. Used | Name of Part | | | | |
| | | 1 | 2 | 3 | 4 | 5 |
| DG-1144 | 1 | Oil Thrower | | | | |
| GEJ-2106F | 1 | ARMATURE | | | | |
| X-157 | 1 | Nut, Shaft, D.E., Slotted 1/2-20 | | | | |
| X-263 | 1 | Key, Woodruff, D.E., #8 | | | | |
| X-358 | 1 | Washer, Shaft, D.E., Plain, 1/2 | | | | |
| X-404 | 1 | Pin, Cotter, 3/32x1 | | | | |

| Drive End Head Assembly & Parts Used With | | | | | | |
|---|----------|--------------------------------------|---|---|---|---|
| Part No. | No. Used | Name of Part | | | | |
| | | 1 | 2 | 3 | 4 | 5 |
| GAR-1237 | 1 | Head Assy., Drive End | | | | |
| GAE-47 | 1 | Retainer, Bearing | | | | |
| GAR-237 | 1 | Head | | | | |
| 8X-66 | 3 | Screw, Retainer, Flat Hd. #10-32x1/2 | | | | |
| X-378 | 1 | BEARING, BALL, SHIELDED, S.A.E. #204 | | | | |
| X-1621 | 3 | Washer, Retainer Sc., Skpf. #10 | | | | |

| Miscellaneous Parts | | | | | | |
|---------------------|----------|---|---|---|---|---|
| Part No. | No. Used | Name of Part | | | | |
| | | 1 | 2 | 3 | 4 | 5 |
| GBW-1024B | 1 | Band, Cover | | | | |
| RA-4002 | 1 | RELAY ASSY., CUTOUT | | | | |
| CB-123 | 1 | Spring, Armature | | | | |
| CB-160S | 1 | Cover | | | | |
| PX-55 | 1 | Screw, Bdg. Hd. #10-32x3/16 | | | | |
| X-196 | 2 | Lockwasher, #10 | | | | |
| 8X-312 | 1 | Screw, Rd. Hd. #10-32x1/4 | | | | |
| X-196 | 2 | Lockwasher, Cut Out Relay Mtg., #10 | | | | |
| 8X-321 | 2 | Screw, Cutout Relay Mtg., Rd. Hd. #10-32x5/16 | | | | |
| X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | |
| 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |

† BRUSH SET, SERVICE GCJ-2012S

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

| UNIT | APPLICATION |
|------------|------------------------|
| GFB-4803-3 | Young Engine, Hercules |

(Issued 3-8-48)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFB-4805-3,A-3 GENERATOR PARTS LIST

GFB-4805-3,A-3

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|------------|----------|------------------------------|
| (GFB-2052) | 1 | Frame & Field Assy. |
| GAL-44 | 1 | Insulation, Field Connection |
| GAR-211 | 1 | Bushing, Insulating |
| GFB-1005A | 1 | COIL ASSY., FIELD, COMPLETE |
| GFB-1007 | 1 | Coil Assy., Field, Left |
| GAL-355 | 1 | Lead Assembly |
| X-755 | 1 | Terminal |
| X-976 | 1 | Terminal |
| X-976 | 1 | Terminal |
| GFB-1008A | 1 | Coil Assy., Field, Right |
| X-767 | 1 | Terminal |
| GK-38 | 2 | Screw, Pole Shoe |
| MN-21 | 2 | Pin, Dowel |
| GT-20A | 2 | Bolt, Thru |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 |

Comm. End Head Assembly & Parts Used With

| | | |
|-----------|---|-------------------------------------|
| GCJ-2086B | 1 | Head Assy., Comm. End |
| GAR-73 | 1 | Wick, Felt |
| GAR-98A | 1 | Cover, Wick |
| GBW-69 | 1 | Gasket, C.E. Cover |
| GBW-72 | 1 | Oil Guard |
| GBW-73 | 1 | Gasket, Oil Guard |
| GBW-1068 | 1 | Cover, Comm. End |
| GCJ-51 | 1 | Spring, Retaining, 3rd Br. Plate |
| GCJ-1012† | 2 | Brush, Main |
| GCJ-1013† | 1 | Brush, Third |
| GCJ-1014 | 1 | Plate Assy., 3rd Brush |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1086C | 1 | Head Assy., Partial, C.E. |
| GBF-79 | 1 | BEARING; ABS. BRONZE |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1023R | 1 | Holder Assy., Brush, Grounded |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| X-195 | 2 | Lockwasher, #8 |
| 8X-304 | 2 | Screw, Rd. Hd. #8-32x5/16 |
| 12X-195 | 4 | Lockwasher, #8 |
| 8X-311 | 1 | Screw, Rd. Hd. #10-32x3/8 |
| 8X-888 | 4 | Screw, Fill. Hd. #8-32x5/16 |
| 12X-195 | 3 | Lockwasher, Br. Lead Sc., #8 |
| 8X-1507 | 3 | Screw, Br. Lead, Bdg. Hd. #8-32x1/4 |

Armature Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|-----------|----------|--------------------------------|
| DG-1144 | 1 | Oil Thrower |
| GEJ-2106F | 1 | ARMATURE |
| X-157 | 1 | Nut, Arm. Shaft, Hex. 1/2-20 |
| X-263 | 1 | Key, Woodruff, #8 |
| X-358 | 1 | Washer, Plain, Arm. Shaft, 1/2 |
| X-404 | 1 | Pin, Cotter |

Drive End Head Assembly & Parts Used With

| | | |
|--------|---|--------------------------------------|
| * | 1 | Head Assy., Drive End |
| GAE-47 | 1 | Retainer, Bearing |
| * | 1 | Head, Drive End |
| 8X-66 | 3 | Screw, Flat Hd. #10-32x1/2 |
| X-378 | 1 | BEARING, BALL, SHIELDED, S.A.E. #204 |
| X-1621 | 3 | Washer, Skfp. #10 |

Miscellaneous Parts

| | | |
|-----------|---|--|
| GBW-1024B | 1 | Band, Cover |
| TC-4303E | 1 | REGULATOR, TWO CHARGE |
| 12X-196 | 4 | Lockwasher, Reg. Mtg. Sc., #10 |
| 8X-321 | 4 | Screw, Regulator Mtg., Rd. Hd. #10-32x5/16 |
| 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| 8X-794 | 1 | Nut, Cover Band, Square #10-32 |

† BRUSH SET, SERVICE GCJ-2012S.

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

| Assembly No. | Head Assy. | D.E. Head |
|--------------|------------|-----------|
| GFB-4805-3 | GAR-1237A | GAR-237A |
| GFB-4805A-3 | GAR-1237 | GAR-237 |

| UNIT | APPLICATION |
|-------------|-------------|
| GFB-4805-3 | Hercules |
| GFB-4805A-3 | Worthington |

(Issued 4-14-50)

Printed in U. S. A.

File in
Equipment & Parts List Binder

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFB-4809-3 GENERATOR PARTS LIST

GFB-4809-3
(Issued 2-13-52)

| 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 |
| GFB-2071 | 1 | Frame & Field Assy. | DG-1144 | 1 | Oil Thrower |
| GAL-44 | 1 | Insulation, Field Connection | GEJ-2116F | 1 | ARMATURE |
| GAR-211 | 1 | Bushing, Lead Ins. | X-258 | 1 | Key, Woodruff, #3 |
| GFB-1005A | 1 | COIL ASSY., FIELD, COMPLETE | 8X-358 | 1 | Washer, Shaft, D. E., Plain 1/2 |
| GFB-1007 | 1 | Coil Assy., Field, Left | X-404 | 1 | Pin, Cotter |
| GAL-355 | 1 | Lead Assembly | 8X-835 | 1 | Nut, Arm. Shaft, D. E. |
| X-755 | 1 | Terminal | Drive End Head Assembly & Parts Used With | | |
| X-976 | 1 | Terminal | GAR-1237B | 1 | Head Assy., Drive End |
| X-976 | 1 | Terminal | GAE-47 | 1 | Retainer, Bearing |
| GFB-1008A | 1 | Coil Assy., Field, Right | GAR-237B | 1 | Head, Drive End |
| X-767 | 1 | Terminal | 8X-66 | 3 | Screw, Retainer, Flat Hd. #10-32x1/2 |
| GK-38 | 2 | Screw, Pole Shoe | X-378 | 1 | BEARING, BALL, SHIELDED, S. A. E. #204 |
| MN-21 | 2 | Pin, Dowel | X-1621 | 3 | Washer, Retainer Sc., Skpf. #10 |
| GT-20A | 2 | Bolt, Thru | Miscellaneous Parts | | |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | GBW-24B | 1 | Band, Cover |
| Comm. End Head Assembly & Parts Used With | | | TC-4303D-2 | 1 | REGULATOR, TWO CHARGE |
| G CJ-2086B | 1 | Head Assy., Comm. End | 8X-321 | 4 | Screw, Reg. Mtg., Rd. Hd. #10-32x5/16 |
| GAR-73 | 1 | Wick, Felt | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| GAR-98A | 1 | Cover, Wick | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| GBW-69 | 1 | Gasket, C. E. Cover | X-1270 | 4 | Washer, Reg. Mtg. Sc., Skpf. #10 |
| GBW-72 | 1 | Oil Guard | † BRUSH SET, SERVICE GCJ-2012S. | | |
| GBW-73 | 1 | Gasket, Oil Guard | | | |
| GBW-1068 | 1 | Cover, Comm. End | | | |
| G CJ-51 | 1 | Spring, Retaining, 3rd Brush Plate | | | |
| G CJ-1012† | 2 | Brush, Main | | | |
| G CJ-1013† | 1 | Brush, Main | | | |
| G CJ-1014 | 1 | Plate Assy., 3rd. Brush | | | |
| GBW-45 | 1 | Spring, Brush | | | |
| G CJ-26 | 1 | Arm, Brush | | | |
| G CJ-1086C | 1 | Head Assy., Partial, C. E. | | | |
| GBF-79 | 1 | Bearing, Abs. Bronze | | | |
| GBW-45 | 1 | Spring, Brush | | | |
| G CJ-26 | 1 | Arm, Brush | | | |
| G CJ-1023R | 1 | Holder Assy., Brush, Grounded | | | |
| GBW-45 | 1 | Spring, Brush | | | |
| G CJ-26 | 1 | Arm, Brush | | | |
| X-195 | 2 | Lockwasher, Holder Sc., #8 | | | |
| 8X-304 | 2 | Screw, Brush Holder, Rd. Hd. #8-32x5/16 | | | |
| 12X-195 | 4 | Lockwasher, Cover Sc., #8 | | | |
| 8X-311 | 1 | Screw, Retaining Spring, Rd. Hd. #10-32x3/8 | | | |
| 8X-888 | 4 | Screw, C. E. Cover, Fill. Hd. #8-32x5/16 | | | |
| 12X-195 | 3 | Lockwasher, Lead Sc., #8 | | | |
| 8X-1507 | 3 | Screw, Br. Lead, Bdg. Hd. #8-32x1/4 | | | |

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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."

| UNIT | APPLICATION |
|------------|-------------------|
| GFB-4809-3 | Chicago Pneumatic |

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFD-4801 GENERATOR PARTS LIST

GFD-4801

PRELIMINARY

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part | | | | |
|------------|----------|-------------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| GAS-20 | 2 | Frame Screw | | | | |
| (GDY-2243) | 1 | Frame & Field Assembly | | | | |
| GAS-29 | 2 | Pole Piece | | | | |
| GAS-44 | 1 | Field Connection Ins. | | | | |
| GAS-45 | 4 | Field Coil Holder | | | | |
| GAS-121 | 1 | Insulating Bushing | | | | |
| GAS-213 | 1 | Lead Assembly | | | | |
| X-1595 | 1 | Terminal | | | | |
| GDY-1005A | 1 | FIELD COIL ASSY.- Comp. | | | | |
| GDY-1007B | 1 | Field Coil Assy.-Left | | | | |
| X-1595 | 1 | Terminal | | | | |
| GDY-1008B | 1 | Field Coil - Right | | | | |
| MN-21 | 2 | Dowel Pin | | | | |
| MZ-38 | 2 | Pole Piece Screw | | | | |
| X-755 | 2 | Terminal | | | | |
| X-544 | 2 | #10 Lock Washer | | | | |

Comm. End Plate Assembly & Parts Used With

| | | | | | | |
|------------|---|--|---|---|---|---|
| GAS-69 | 1 | Comm. End Cap Cover | | | | |
| GAS-70 | 1 | End Cap Cover Gasket | | | | |
| GAS-71 | 1 | Bearing Retaining Washer | | | | |
| GAS-77 | 1 | Felt Washer | | | | |
| GAS-78 | 1 | Felt Washer Retainer | | | | |
| (GEM-2246) | 1 | Comm. End Plate Assembly | | | | |
| GAS-51 | 2 | 3rd Brush Plate Retaining Spring | | | | |
| GAS-245 | 1 | Lock Plate | | | | |
| GAS-246 | 1 | Comm. End Plate | | | | |
| GEM-2021R | 1 | Brush Holder Plate Assy. | | | | |
| GAL-31 | 1 | Ground Connector Assy. | | | | |
| X-958 | 2 | Terminal | | | | |
| GAS-15 | 2 | Brush Holder | | | | |
| GAS-17 | 1 | Brush Spring | | | | |
| GAS-18 | 1 | Brush Spring | | | | |
| GAS-1021R | 1 | Br. Holder Plate Part Assembly | | | | |
| GEM-12† | 2 | Brush - Main | | | | |
| 8X-122 | 1 | #8-32x1/2 Fill. Hd.Sc. | | | | |
| X-1275 | 2 | #8 Skpf. Washer | | | | |
| 8X-1505 | 1 | #8-32x9/16 Bdg.Hd. Sc. | | | | |
| GEM-2082R | 1 | 3rd Brush Holder Plate Assembly | | | | |
| GAS-15 | 1 | Brush Holder | | | | |
| GAS-17 | 1 | Brush Spring | | | | |
| GAS-1082R | 1 | 3rd Brush Holdr Plate Part Assembly | | | | |
| GEM-13† | 1 | Brush - Third | | | | |
| X-1275 | 1 | #8 Skpf. Washer | | | | |
| 8X-1496 | 1 | #8-32x7/16 Bdg.Hd. Sc. | | | | |
| 8X-55 | 3 | #8-32x3/8 Rd. Hd. Screw | | | | |
| 8X-122 | 1 | #8-32x1/2 Fill. Hd. Sc. | | | | |
| X-195 | 2 | #8 Lock Washer | | | | |
| X-489 | 1 | 1/4 Oiler - Press in Type | | | | |
| IA-175 | 1 | Flat Steel Washer | | | | |
| 8X-61 | 1 | #10-32x7/16 Flat Hd. Screw | | | | |
| X-63 | 3 | #8-32x3/8 Flat Hd. Screw | | | | |
| X-293 | 1 | BALL BEARING - S.A.E. #201 | | | | |
| | | 1 | 2 | 3 | 4 | 5 |

Armature Assembly & Parts Used With

| Part No. | No. Used | Name of Part | | | | |
|----------|----------|-------------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| GAS-152 | 1 | Oil Thrower | | | | |
| GDY-28 | 1 | Washer | | | | |
| GEM-2212 | 1 | ARMATURE ASSEMBLY | | | | |
| GAS-53 | 1 | Snap Ring | | | | |
| IA-158 | 1 | Snap Ring | | | | |
| GR-32A | 1 | Felt Washer Retainer | | | | |
| X-407 | 1 | 3/32x3/4 Cotter Pin | | | | |
| X-1460 | 1 | #212 Woodruff Key | | | | |
| X-1581 | 1 | 7/16-20 Castellated Nut | | | | |

Drive End Head Assembly & Parts Used With

| | | | | | | |
|----------|---|-------------------------|--|--|--|--|
| GAS-1211 | 1 | Drive End Head Assembly | | | | |
| GAS-155 | 1 | Bearing Retainer | | | | |
| GAS-156 | 1 | Gasket | | | | |
| GAS-211 | 1 | Drive End Head | | | | |
| GG-164 | 1 | Felt Washer | | | | |
| X-196 | 3 | #10 Lock Washer | | | | |
| 8X-311 | 3 | #10-32x3/8 Rd. Hd. Sc. | | | | |
| X-1470 | 1 | BALL BRG.- S.A.E. #202 | | | | |

Miscellaneous Parts

| | | | | | | |
|-----------|---|----------------------------|---|---|---|---|
| GAS-168 | 2 | T. C. Regulator Spacer | | | | |
| GFD-1024A | 1 | Head Band Assembly | | | | |
| TC-4303B | 1 | TWO CHARGE REGULATOR | | | | |
| X-196 | 4 | #10 Lock Washer | | | | |
| 8X-311 | 4 | #10-32x3/8 Rd. Hd. Screw | | | | |
| X-714 | 1 | #10-32x1 1/2 Rd. Hd. Screw | | | | |
| 8X-794 | 1 | #10-32 Square Nut | | | | |
| | | 1 | 2 | 3 | 4 | 5 |

(Issued 7-2-41)

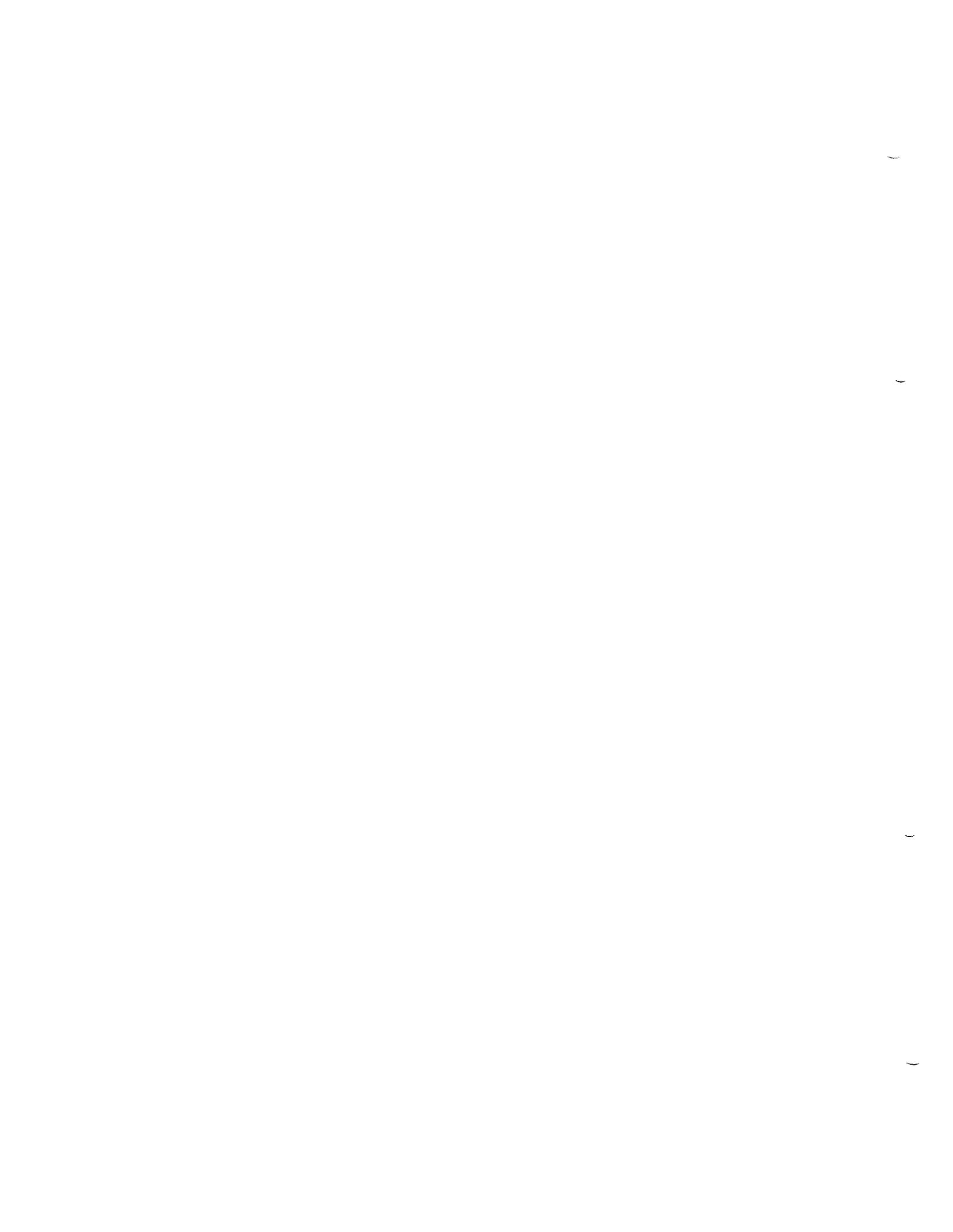
† SERVICE BRUSH SET GEM-2012S.

| UNIT | APPLICATION |
|----------|------------------|
| GFD-4801 | Aircooled Motors |
| | |

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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

GFD-4802 GENERATOR PARTS LIST

GFD-4802

PRELIMINARY

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part | | | | |
|------------|----------|-------------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| GAS-20 | 2 | 1 | 2 | 3 | 4 | 5 |
| (GDY-2244) | 1 | Frame & Field Assembly | | | | |
| GAS-29 | 2 | Pole Piece | | | | |
| GAS-44 | 1 | Field Connection Ins. | | | | |
| GAS-45 | 4 | Field Coil Holder | | | | |
| GAS-121 | 1 | Insulating Bushing | | | | |
| GAS-213 | 1 | Lead Assembly | | | | |
| X-1595 | 1 | Terminal | | | | |
| GDY-1005A | 1 | FIELD COIL ASSY.- Comp. | | | | |
| GDY-1007B | 1 | Field Coil Assy.-Left | | | | |
| X-1595 | 1 | Terminal | | | | |
| GDY-1008B | 1 | Field Coil - Right | | | | |
| MN-21 | 2 | Dowel Pin | | | | |
| MZ-38 | 2 | Pole Piece Screw | | | | |
| X-755 | 2 | Terminal | | | | |
| X-544 | 2 | #10 Lock Washer | | | | |

Comm. End Plate Assembly & Parts Used With

| | | | | | | |
|------------|---|------------------------------------|---|---|---|---|
| GAS-69 | 1 | Comm. End Cap Cover | | | | |
| GAS-70 | 1 | End Cap Cover Gasket | | | | |
| GAS-71 | 1 | Bearing Retaining Washer | | | | |
| GAS-77 | 1 | Felt Washer | | | | |
| GAS-78 | 1 | Felt Washer Retainer | | | | |
| (GEM-2246) | 1 | Comm. End Plate Assembly | | | | |
| GAS-51 | 2 | 3rd Brush Plate Retaining Spring | | | | |
| GAS-245 | 1 | Lock Plate | | | | |
| GAS-246 | 1 | Comm. End Plate | | | | |
| GEM-2021R | 1 | Br. Holder Plate Assy. | | | | |
| GAL-31 | 1 | Ground Connector Assy. | | | | |
| X-958 | 2 | Terminal | | | | |
| GAS-15 | 2 | Brush Holder | | | | |
| GAS-17 | 1 | Brush Spring | | | | |
| GAS-18 | 1 | Brush Spring | | | | |
| GAS-1021R | 1 | Br. Holder Plate Part Assembly | | | | |
| GEM-12† | 2 | Brush - Main | | | | |
| EX-122 | 1 | #8-32x1/2 Fill. Hd. Sc. | | | | |
| X-1275 | 2 | #8 Skpf. Washer | | | | |
| EX-1505 | 1 | #8-32x9/16 Bdg. Hd. Sc. | | | | |
| GEM-2082R | 1 | 3rd Br. Holder Plate Assembly | | | | |
| GAS-15 | 1 | Brush Holder | | | | |
| GAS-17 | 1 | Brush Spring | | | | |
| GAS-1082R | 1 | 3rd Br. Holder Plate Part Assembly | | | | |
| GEM-13† | 1 | Brush - Third | | | | |
| X-1275 | 1 | #8 Skpf. Washer | | | | |
| EX-1496 | 1 | #8-32x7/16 Bdg. Hd.Sc. | | | | |
| EX-55 | 3 | #8-32x3/8 Rd. Hd. Screw | | | | |
| EX-122 | 1 | #8-32x1/2 Fill. Hd. Sc. | | | | |
| X-195 | 2 | #8 Lock Washer | | | | |
| X-489 | 1 | 1/4 Oiler - Press in Type | | | | |
| IA-175 | 1 | Flat Steel Washer | | | | |
| EX-61 | 1 | #10-32x7/16 Flat Hd. Screw | | | | |
| X-63 | 3 | #8-32x3/8 Flat Hd. Screw | | | | |
| X-293 | 1 | BALL BEARING - S.A.E. #201 | | | | |
| | | 1 | 2 | 3 | 4 | 5 |

Armature Assembly & Parts Used With

| Part No. | No. Used | Name of Part | | | | |
|----------|----------|-------------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| GAS-152 | 1 | Oil Thrower | | | | |
| GDY-28 | 1 | Washer | | | | |
| GEM-2212 | 1 | ARMATURE ASSEMBLY | | | | |
| GAS-53 | 1 | Snap Ring | | | | |
| IA-158 | 1 | Snap Ring | | | | |
| GR-32A | 1 | Felt Washer Retainer | | | | |
| X-407 | 1 | 3/32x3/4 Cotter Pin | | | | |
| X-1460 | 1 | #212 Woodruff Key | | | | |
| X-1581 | 1 | 7/16-20 Castellated Nut | | | | |

Drive End Head Assembly & Parts Used With

| | | | | | | |
|----------|---|-------------------------|--|--|--|--|
| GAS-1211 | 1 | Drive End Head Assembly | | | | |
| GAS-155 | 1 | Bearing Retainer | | | | |
| GAS-156 | 1 | Gasket | | | | |
| GAS-211 | 1 | Drive End Head | | | | |
| GG-164 | 1 | Felt Washer | | | | |
| X-196 | 3 | #10 Lock Washer | | | | |
| EX-311 | 3 | #10-32x3/8 Rd. Hd. Sc. | | | | |
| X-1470 | 1 | BALL BRG.- S.A.E. #202 | | | | |

Miscellaneous Parts

| | | | | | | |
|----------|---|----------------------------|---|---|---|---|
| GAS-168 | 2 | T. C. Regulator Spacer | | | | |
| GFD-1024 | 1 | Head Band Assembly | | | | |
| TC-4303B | 1 | TWO CHARGE REGULATOR | | | | |
| X-196 | 4 | #10 Lock Washer | | | | |
| EX-311 | 4 | #10-32x3/8 Rd. Hd. Screw | | | | |
| X-714 | 1 | #10-32x1 1/2 Rd. Hd. Screw | | | | |
| EX-794 | 1 | #10-32 Square Nut | | | | |
| | | 1 | 2 | 3 | 4 | 5 |

(Issued 7-2-41)

† SERVICE BRUSH SET GEM-2012S.

| UNIT | APPLICATION |
|----------|------------------|
| GFD-4802 | Aircooled Motors |
| | |

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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

GFD-4802 GENERATOR PARTS LIST

GFD-4802

PRELIMINARY

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part | | | | |
|------------|----------|-------------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| GAS-20 | 2 | Frame Screw | | | | |
| (GDY-2244) | 1 | Frame & Field Assembly | | | | |
| GAS-29 | 2 | Pole Piece | | | | |
| GAS-44 | 1 | Field Connection Ins. | | | | |
| GAS-45 | 4 | Field Coil Holder | | | | |
| GAS-121 | 1 | Insulating Bushing | | | | |
| GAS-213 | 1 | Lead Assembly | | | | |
| X-1595 | 1 | Terminal | | | | |
| GDY-1005A | 1 | FIELD COIL ASSY.- Comp. | | | | |
| GDY-1007B | 1 | Field Coil Assy.-Left | | | | |
| X-1595 | 1 | Terminal | | | | |
| GDY-1008B | 1 | Field Coil - Right | | | | |
| MN-21 | 2 | Dowel Pin | | | | |
| MZ-38 | 2 | Pole Piece Screw | | | | |
| X-755 | 2 | Terminal | | | | |
| X-544 | 2 | #10 Lock Washer | | | | |

Comm. End Plate Assembly & Parts Used With

| | | | | | | |
|------------|---|------------------------------------|---|---|---|---|
| GAS-69 | 1 | Comm. End Cap Cover | | | | |
| GAS-70 | 1 | End Cap Cover Gasket | | | | |
| GAS-71 | 1 | Bearing Retaining Washer | | | | |
| GAS-77 | 1 | Felt Washer | | | | |
| GAS-78 | 1 | Felt Washer Retainer | | | | |
| (GEM-2246) | 1 | Comm. End Plate Assembly | | | | |
| GAS-51 | 2 | 3rd Brush Plate Retaining Spring | | | | |
| GAS-245 | 1 | Lock Plate | | | | |
| GAS-246 | 1 | Comm. End Plate | | | | |
| GEM-2021R | 1 | Br. Holder Plate Assy. | | | | |
| GAL-31 | 1 | Ground Connector Assy. | | | | |
| X-958 | 2 | Terminal | | | | |
| GAS-15 | 2 | Brush Holder | | | | |
| GAS-17 | 1 | Brush Spring | | | | |
| GAS-18 | 1 | Brush Spring | | | | |
| GAS-1021R | 1 | Br. Holder Plate Part Assembly | | | | |
| GEM-12† | 2 | Brush - Main | | | | |
| 8X-122 | 1 | #8-32x1/2 Fill. Hd. Sc. | | | | |
| X-1275 | 2 | #8 Skpf. Washer | | | | |
| 8X-1505 | 1 | #8-32x9/16 Bdg. Hd. Sc. | | | | |
| GEM-2082R | 1 | 3rd Br. Holder Plate Assembly | | | | |
| GAS-15 | 1 | Brush Holder | | | | |
| GAS-17 | 1 | Brush Spring | | | | |
| GAS-1082R | 1 | 3rd Br. Holder Plate Part Assembly | | | | |
| GEM-13† | 1 | Brush - Third | | | | |
| X-1275 | 1 | #8 Skpf. Washer | | | | |
| 8X-1496 | 1 | #8-32x7/16 Bdg. Hd.Sc. | | | | |
| 8X-55 | 3 | #8-32x3/8 Rd. Hd. Screw | | | | |
| 8X-122 | 1 | #8-32x1/2 Fill. Hd. Sc. | | | | |
| X-195 | 2 | #8 Lock Washer | | | | |
| X-489 | 1 | 1/4 Oiler - Press in Type | | | | |
| IA-175 | 1 | Flat Steel Washer | | | | |
| 8X-61 | 1 | #10-32x7/16 Flat Hd. Screw | | | | |
| X-63 | 3 | #8-32x3/8 Flat Hd. Screw | | | | |
| X-293 | 1 | BALL BEARING - S.A.E. #201 | | | | |
| | | 1 | 2 | 3 | 4 | 5 |

Armature Assembly & Parts Used With

| Part No. | No. Used | Name of Part | | | | |
|----------|----------|-------------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| GAS-152 | 1 | Oil Thrower | | | | |
| GDY-28 | 1 | Washer | | | | |
| GEM-2212 | 1 | ARMATURE ASSEMBLY | | | | |
| GAS-53 | 1 | Snap Ring | | | | |
| IA-158 | 1 | Snap Ring | | | | |
| GR-32A | 1 | Felt Washer Retainer | | | | |
| X-407 | 1 | 3/32x3/4 Cotter Pin | | | | |
| X-1460 | 1 | #212 Woodruff Key | | | | |
| X-1581 | 1 | 7/16-20 Castellated Nut | | | | |

Drive End Head Assembly & Parts Used With

| | | | | | | |
|----------|---|-------------------------|--|--|--|--|
| GAS-1211 | 1 | Drive End Head Assembly | | | | |
| GAS-155 | 1 | Bearing Retainer | | | | |
| GAS-156 | 1 | Gasket | | | | |
| GAS-211 | 1 | Drive End Head | | | | |
| GG-164 | 1 | Felt Washer | | | | |
| X-196 | 3 | #10 Lock Washer | | | | |
| 8X-311 | 3 | #10-32x3/8 Rd. Hd. Sc. | | | | |
| X-1470 | 1 | BALL BRG.- S.A.E. #202 | | | | |

Miscellaneous Parts

| | | | | | | |
|----------|---|----------------------------|---|---|---|---|
| GAS-168 | 2 | T. C. Regulator Spacer | | | | |
| GFD-1024 | 1 | Head Band Assembly | | | | |
| TC-4303B | 1 | TWO CHARGE REGULATOR | | | | |
| X-196 | 4 | #10 Lock Washer | | | | |
| 8X-311 | 4 | #10-32x3/8 Rd. Hd. Screw | | | | |
| X-714 | 1 | #10-32x1 1/2 Rd. Hd. Screw | | | | |
| 8X-794 | 1 | #10-32 Square Nut | | | | |
| | | 1 | 2 | 3 | 4 | 5 |

(Issued 7-2-41)

† SERVICE BRUSH SET GEM-2012S.

| UNIT | APPLICATION |
|----------|------------------|
| GFD-4802 | Aircooled Motors |
| | |

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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

GFE-4801 GENERATOR PARTS LIST

GFE-4801

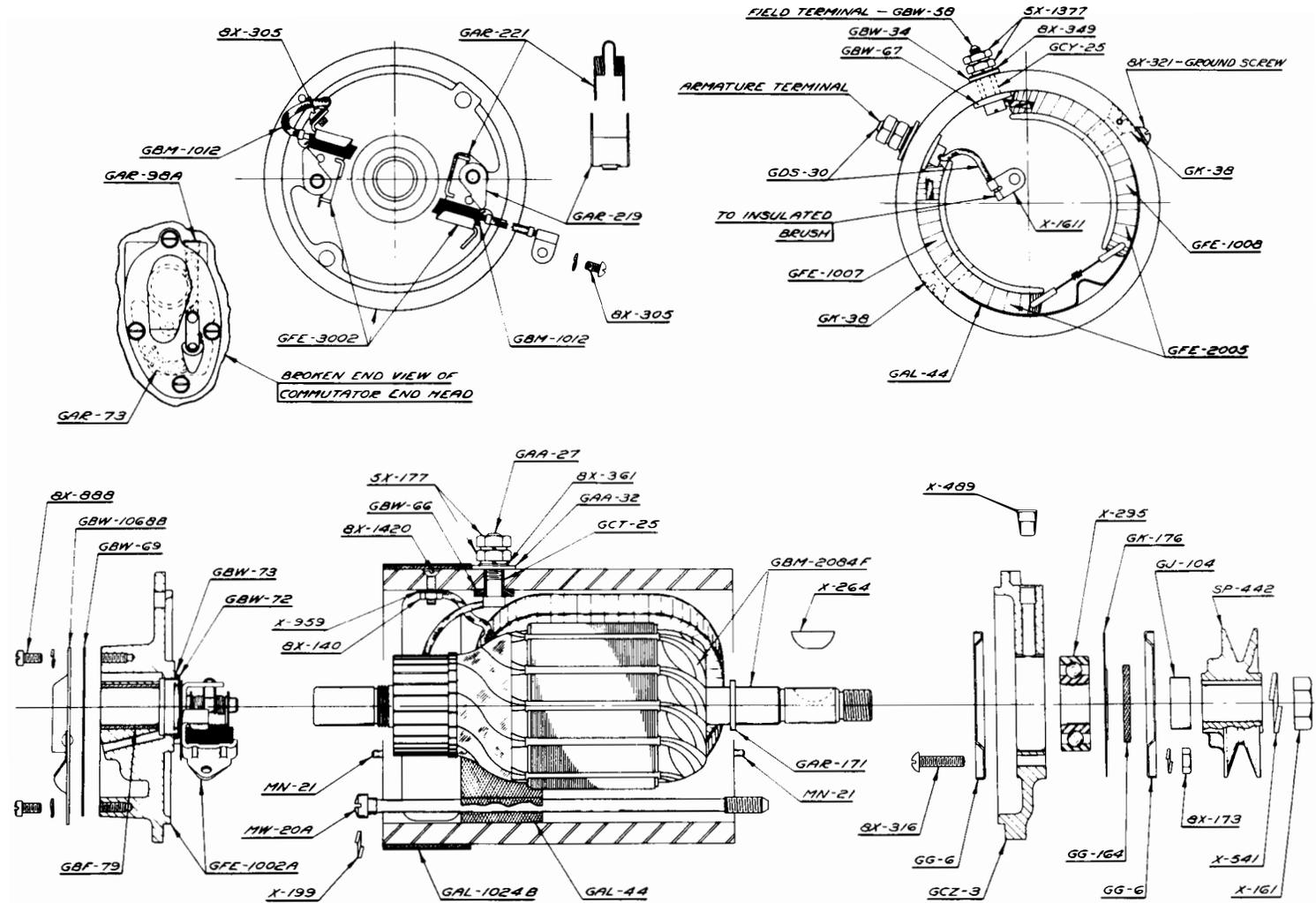
| Frame & Field Assembly & Parts Used With | | | | | Comm. End Head Assembly (Continued) | | | | | | | | | |
|--|----------|---|---|---|-------------------------------------|--------|--|---------------------------------|---|---|---|---|---|--|
| Part No. | No. Used | Name of Part | | | | | Part No. | No. Used | Name of Part | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | 1 | 2 | 3 | 4 | 5 | |
| (GFE-3001) | 1 | Frame & Field Assy. | | | | | GFE-1002A | 1 | Head Assy., Partial, C.E. | | | | | |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | | | | | GAR-219 | 2 | Arm, Brush | | | | | |
| GAL-44 | 1 | Insulation, Field Connection | | | | | GAR-221 | 2 | Spring, Brush | | | | | |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | | | | | GBF-79 | 1 | Bearing, Absorbent Bronze | | | | | |
| GBW-66 | 1 | Insulation, Arm. Terminal, Inner | | | | | X-195 | 4 | Washer, Lock, C.E. Cover, #8 | | | | | |
| GBW-67 | 1 | Insulation, Field Terminal, Inner | | | | | 8X-888 | 4 | Screw, C.E. Cover, Fil. hd., #8-32x5/16 | | | | | |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. | | | | | X-195 | 2 | Washer, Lock, Brush Lead, #8 | | | | | |
| GCY-25 | 1 | Bushing, Ins., Field Term. | | | | | 8X-305 | 2 | Screw, Brush Lead, Rd. hd., #8-32x1/4 | | | | | |
| GDS-30 | 1 | Lead Assy. | | | | | <u>Armature Assembly & Parts Used With</u> | | | | | | | |
| GAA-27 | 1 | Post, Arm. Terminal, #14-24 | | | | | GBM-2084F | 1 | Armature Assy. | | | | | |
| X-1611 | 1 | Terminal | | | | | GAR-171 | 1 | Snap Ring | | | | | |
| GFE-2005 | 1 | Coil Assy., Field, Comp. | | | | | GJ-104 | 1 | Spacer, Armature Shaft | | | | | |
| GBW-58 | 1 | Post, Field Terminal, #10-32 | | | | | SP-442 | 1 | Pulley, Drive | | | | | |
| GFE-1007 | 1 | Coil Assy., Field, Left Terminal | | | | | X-161 | 1 | Nut, Armature Shaft, Hex., 1/2-20 | | | | | |
| X-959 | 1 | Terminal | | | | | X-264 | 1 | Key, Woodruff, #9 | | | | | |
| GFE-1008 | 1 | Coil, Field, Right | | | | | X-541 | 1 | Washer, Lock, Shaft, 1/2 | | | | | |
| GK-38 | 2 | Screw, Pole Shoe | | | | | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | | |
| MN-21 | 2 | Pin, Dowel, Head Locating | | | | | GCZ-1003 | 1 | Head Assy., Drive End | | | | | |
| 8X-140 | 1 | Nut, Field Ground, Hex., #6-32 | | | | | GCZ-3 | 1 | Head | | | | | |
| 5X-177 | 2 | Nut, Arm. Term., Hex., #14-24 | | | | | GG-6 | 2 | Retainer, Bearing | | | | | |
| X-193 | 2 | Washer, Lock, Arm. Term., #14 | | | | | GG-164 | 1 | Washer, Felt | | | | | |
| X-194 | 1 | Washer, Lock, Field Ground, #6 | | | | | GK-176 | 1 | Retainer, Felt Washer | | | | | |
| X-196 | 2 | Washer, Lock, Field Term., #10 | | | | | 8X-173 | 3 | Nut, Retainer Screw, Hex., #10-32 | | | | | |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 | | | | | X-196 | 3 | Washer, Lock, Retainer Sc., #10 | | | | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 | | | | | X-295 | 1 | Bearing, Ball, S.A.E. #203 | | | | | |
| 5X-1377 | 2 | Nut, Field Term., Hex., #10-32 | | | | | 8X-316 | 3 | Screw, Retainer, Rd. hd., #10-32x3/4 | | | | | |
| 8X-1420 | 1 | Screw, Field Ground, Flat hd., #6-32x9/16 | | | | | X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 | | | | | |
| MW-20A | 2 | Bolt, Thru | | | | | <u>Miscellaneous Parts</u> | | | | | | | |
| X-196 | 1 | Washer, Lock, Ground Sc., #10 | | | | | GAL-1024B | 1 | Band, Cover | | | | | |
| X-199 | 2 | Washer, Lock, Thru Bolt, 1/4 | | | | | VAA-4001 | 1 | Regulator | | | | | |
| X-321 | 1 | Screw, Ground, Rd. hd., #10-32x5/16 | | | | | 8X-308 | 1 | Screw, Cover Band, Rd. hd., #10-32x1 3/8 | | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | | | | 8X-794 | 1 | Nut, Cover Band, Square, #10-32 | | | | | | |
| (GFE-3002) | 1 | Head Assy., Comm. End | | | | | X-879 | 3 | Screw, Regulator Mtg., Fil. hd., 1/4-20x5/8 | | | | | |
| GAR-73 | 1 | Wick, Felt | | | | | X-1272 | 3 | Washer, Skpf., Regulator Mtg., 1/4 | | | | | |
| GAR-98A | 1 | Cover, Wick | | | | | 1 2 3 4 5 | | | | | | | |
| GBM-1012‡ | 2 | Brush | | | | | (Issued 3-15-44) | | | | | | | |
| GBW-69 | 1 | Gasket, C.E. Cover | | | | | ‡ Brush Set, Service, GBM-1012S. | | | | | | | |
| GBW-72 | 1 | Oil Guard | | | | | | | | | | | | |
| GBW-73 | 1 | Gasket, Oil Guard | | | | | | | | | | | | |
| GBW-1068 | 1 | Cover, Comm. End | | | | | | | | | | | | |

1 2 3 4 5

Printed in U. S. A. 1/3

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

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Equipment & Parts List Binder



GFE-4801 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFE-4802A GENERATOR PARTS LIST

GFE-4802A

| Frame & Field Assembly & Parts Used With | | | Comm. End Head Assembly & Parts (Cont'd.) | | |
|--|----------|--|--|----------|--------------------------------------|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part |
| (GFE-2025) | 1 | Frame & Field Assy. | GBW-72 | 1 | Oil Guard |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | GBW-73 | 1 | Gasket, Oil Guard |
| GAL-44 | 1 | Insulation, Field Connection | GBW-1068 | 1 | Cover, Comm. End |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | GFE-1032A | 1 | Head Assy., Partial, C.E. |
| GBW-66 | 1 | Insulation, Arm. Term., Inner | GAR-219 | 2 | Arm, Brush |
| GBW-67 | 1 | Insulation, Field Term., Inner | GAR-221 | 2 | Spring, Brush |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. | GBF-79 | 1 | BEARING, ABSORBENT BRONZE |
| GCY-25 | 1 | Bushing, Ins., Field Term. | 12X-195 | 4 | Lockwasher, Cover Sc., #8 |
| GDS-30 | 1 | Lead Assy. | 8X-888 | 4 | Screw, Cover Fill. Hd. #8-32x5/16 |
| GAA-27 | 1 | Stud, Arm. Term., #14-24 | 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 |
| X-1611 | 1 | Terminal | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| GFE-2005 | 1 | COIL ASSY., FIELD, COMPLETE | <u>Armature Assembly & Parts Used With</u> | | |
| GEB-58 | 1 | Stud, Field Term., #10-32 | GBM-2084F | 1 | ARMATURE ASSY. |
| GFE-1007 | 1 | Coil Assy., Field, Left | GAR-171 | 1 | Snap Ring |
| X-959 | 1 | Terminal | GJ-104 | 1 | Spacer, Arm. Shaft |
| GFE-1008 | 1 | Coil, Field, Right | SP-442 | 1 | Pulley, Drive |
| GK-38 | 2 | Screw, Pole Shoe | X-161 | 1 | Nut, Armature Shaft |
| MN-21 | 2 | Pin, Dowel | X-264 | 1 | Key, Woodruff, #9 |
| 8X-140 | 1 | Nut, Field Ground, Hex. #6-32 | 12X-541 | 1 | Lockwasher, Shaft, 1/2 |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | <u>Drive End Head Assembly & Parts Used With</u> | | |
| X-193 | 2 | Lockwasher, Arm. Term., #14 | GFE-1003 | 1 | Head Assy., Drive End |
| X-194 | 1 | Lockwasher, Field Grd., #6 | GFE-3 | 1 | Head, Drive End |
| X-196 | 2 | Lockwasher, Field Term., #10 | GG-6 | 2 | Retainer, Bearing |
| 8X-349 | 1 | Washer, Field Term., Plain #10 | GG-164 | 1 | Washer, Felt |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 | GK-176 | 1 | Retainer, Felt Washer |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | 8X-173 | 3 | Nut, Retainer Screw, Hex. #10-32 |
| 8X-1420 | 1 | Screw, Field Grd., Flat Hd. #6-32x9/16 | X-196 | 3 | Lockwasher, Retainer Screw, #10 |
| MW-20A | 2 | Bolt, Thru | X-295 | 1 | BEARING, BALL, S.A.E. #203 |
| 12X-196 | 1 | Lockwasher, Grd. Screw, #10 | 8X-316 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/4 |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | X-489 | 1 | Oiler |
| 8X-321 | 1 | Screw, Grd., Rd. Hd. #10-32x5/16 | <u>Miscellaneous Parts</u> | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | GAL-1024B | 1 | Band, Cover |
| GFE-2032 | 1 | Head Assy., Comm. End | GAS-117 | 1 | Lead Assy., Field Term. |
| GAR-73 | 1 | Wick, Felt | X-755 | 2 | Terminal |
| GAR-98A | 1 | Cover, Wick | GBF-143 | 1 | Lead Assy., Ground |
| GBM-1012* | 2 | Brush | X-755 | 2 | Terminal |
| GBW-69 | 1 | Gasket, C.E. Cover | GFE-30 | 1 | Lead Assy., Arm. Term. |
| | | | X-755 | 1 | Terminal |
| | | | X-1628 | 1 | Terminal |

(Continued on Reverse Side)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFE-4802A GENERATOR PARTS LIST (Cont'd.)

| Part No. | Miscellaneous Parts (Cont'd.) | |
|-------------|-------------------------------|---|
| | No. Used | Name of Part |
| VAA-4103 | 1 | REGULATOR, VOLTAGE |
| 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| X-879 | 3 | Screw, Regulator Mtg. Fill. Hd. 1/4-20x5/8 |
| X-1272 | 3 | Washer, Mtg. Sc., Skpf. #10 |

* BRUSH SET, SERVICE GBM-1012S.

| UNIT | APPLICATION |
|-----------|-----------------|
| GFE-4802A | Fairbanks Morse |

(Issued 4-14-50)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFE-4803 GENERATOR PARTS LIST

GFE-4803

| Frame & Field Assembly & Parts Used With | | | Comm. End Head Assembly & Parts (Cont'd.) | | | | | | |
|--|---------------|--|--|----------|---|------|-------------|----------|---------------|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part | | | | |
| (GFE-2026) | 1 | Frame & Field Assy. | GBW-73 | 1 | Gasket, Oil Guard | | | | |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | GBW-1068 | 1 | Cover, Comm. End | | | | |
| GAL-44 | 1 | Insulation, Field Connection | GFE-1032A | 1 | Head Assy., Partial, C.E. | | | | |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | GAR-219 | 2 | Arm, Brush | | | | |
| GBW-66 | 1 | Insulation, Arm. Term., Inner | GAR-221 | 2 | Spring, Brush | | | | |
| GBW-67 | 1 | Insulation, Field Term., Inner | GBF-79 | 1 | BEARING, ABS. BRONZE | | | | |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. | 12X-195 | 4 | Lockwasher, Cover Sc., #8 | | | | |
| GCY-25 | 1 | Bushing, Ins., Field Term. | 8X-888 | 4 | Screw, Cover, Fill. Hd. #8-32x5/16 | | | | |
| GDS-30 | 1 | Lead Assembly | 12X-195 | 2 | Lockwasher, Br. Lead Sc., #8 | | | | |
| GAA-27 | 1 | Stud, Arm. Term., #14-24 | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | |
| X-1611 | 1 | Terminal | <u>Armature Assembly & Parts Used With</u> | | | | | | |
| GFE-2005 | 1 | COIL ASSY., FIELD, COMPLETE | GBM-2084F | 1 | ARMATURE ASSEMBLY | | | | |
| GEB-58 | 1 | Stud, Field Term., #10-32 | GAR-171 | 1 | Snap Ring | | | | |
| GFE-1007 | 1 | Coil Assy., Field, Left | GJ-104 | 1 | Spacer, Armature Shaft | | | | |
| X-959 | 1 | Terminal | X-161 | 1 | Nut, Arm. Shaft | | | | |
| GFE-1008 | 1 | Coil, Field, Right | X-264 | 1 | Key, Woodruff, #9 | | | | |
| GK-38 | 2 | Screw, Pole Shoe | 12X-541 | 1 | Lockwasher, Shaft 1/2 | | | | |
| MN-21 | 2 | Pin, Dowel | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | |
| 8X-140 | 1 | Nut, Field Ground, Hex. #6-32 | GFE-1003 | 1 | Head Assy., Drive End | | | | |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | GFE-3 | 1 | Head, Drive End | | | | |
| X-193 | 2 | Lockwasher, Arm. Term., #14 | GG-6 | 2 | Retainer, Bearing | | | | |
| X-194 | 1 | Lockwasher, Grd. Sc., #6 | GG-164 | 1 | Washer, Felt | | | | |
| X-196 | 2 | Lockwasher, Field Term., #10 | GK-176 | 1 | Retainer, Felt Washer | | | | |
| 8X-349 | 1 | Washer, Field Term., Plain #10 | 8X-173 | 3 | Nut, Retainer Sc., Hex. #10-32 | | | | |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 | X-196 | 3 | Lockwasher, Retainer Sc., #10 | | | | |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | X-295 | 1 | BEARING, BALL, S.A.E. #203 | | | | |
| 8X-1420 | 1 | Screw, Field Grd., Flat Hd. #6-32x9/16 | 8X-316 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/4 | | | | |
| MW-20A | 2 | Bolt, Thru | X-489 | 1 | Oiler | | | | |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 | <u>Miscellaneous Parts</u> | | | | | | |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | GAL-1024F | 1 | Band, Cover | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| GFE-2032 | 1 | Head Assy., Comm. End | † BRUSH SET, SERVICE GBM-1012S. | | | | | | |
| GAR-73 | 1 | Wick, Felt | NOTE: VAA-4102 VOLTAGE REGULATOR used with but is not a part of this Generator. | | | | | | |
| GAR-98A | 1 | Cover, Wick | <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">UNIT</td> <td style="padding: 2px;">APPLICATION</td> </tr> <tr> <td style="padding: 2px;">GFE-4803</td> <td style="padding: 2px;">Fairmont Rwy.</td> </tr> </table> | | | UNIT | APPLICATION | GFE-4803 | Fairmont Rwy. |
| UNIT | APPLICATION | | | | | | | | |
| GFE-4803 | Fairmont Rwy. | | | | | | | | |
| GBM-1012† | 2 | Brush | | | | | | | |
| GBW-69 | 1 | Gasket, C.E. Cover | | | | | | | |
| GBW-72 | 1 | Oil Guard | | | | | | | |

(Issued 4-14-50)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFE-4804 GENERATOR PARTS LIST

GFE-4804

| Frame & Field Assembly & Parts Used With | | | Comm. End Head Assy. (Continued) | | | | | | |
|---|---------------|----------------------------------|---|----------|---|------|-------------|----------|---------------|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part | | | | |
| (GFE-2042) | 1 | Frame & Field Assy. | 8X-888 | 4 | Screw, Cover, Fill. Hd. #8-32x5/16 | | | | |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 | | | | |
| GAL-44 | 1 | Insulation, Field Connection | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | |
| GBW-34 | 2 | Washer, Ins., Field Term., Outer | Armature Assembly & Parts Used With | | | | | | |
| GBW-66 | 1 | Insulation, Arm. Term., Inner | GBM-2084F | 1 | ARMATURE ASSEMBLY | | | | |
| GBW-67 | 2 | Insulation, Field Term., Inner | GAR-171 | 1 | Snap Ring | | | | |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. | GJ-104 | 1 | Spacer, Arm. Shaft | | | | |
| GCY-25 | 1 | Bushing, Ins., Field Term. | X-161 | 1 | Nut, Shaft, Hex. 1/2-20 | | | | |
| GDS-30 | 1 | Lead Assembly | X-264 | 1 | Key, Woodruff, #9 | | | | |
| GAA-27 | 1 | Stud, Arm. Term., #14-24 | 12X-541 | 1 | Lockwasher, Shaft, 1/2 | | | | |
| X-1611 | 1 | Terminal | Drive End Head Assembly & Parts Used With | | | | | | |
| GFE-2005B | 1 | COIL ASSY., FIELD, COMPLETE | GFE-1041 | 1 | Head Assy., Drive End | | | | |
| GEB-58 | 2 | Stud, Field Term., #10-32 | GFE-41 | 1 | Head, Drive End | | | | |
| GFE-1007B | 1 | Coil, Field, Left | GG-6 | 2 | Retainer, Bearing | | | | |
| GFE-1008 | 1 | Coil, Field, Right | GG-164 | 1 | Washer, Felt | | | | |
| GK-38 | 2 | Screw, Pole Shoe | GK-176 | 1 | Retainer, Felt Washer | | | | |
| MN-21 | 2 | Pin, Dowel | 8X-173 | 3 | Nut, Retainer Screw, Hex. #10-32 | | | | |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | 12X-196 | 3 | Lockwasher, Retainer Screw, #10 | | | | |
| 12X-193 | 2 | Lockwasher, Arm. Term., #14 | X-295 | 1 | BEARING, BALL, S.A.E. #203 | | | | |
| 12X-196 | 4 | Lockwasher, Field Term., #10 | 8X-316 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/4 | | | | |
| 8X-349 | 2 | Washer, Plain, Field Term., #10 | X-489 | 1 | Oiler | | | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 | Miscellaneous Parts | | | | | | |
| 8X-1377 | 4 | Nut, Field Term., Hex. #10-32 | GAL-1024F | 1 | Band, Cover | | | | |
| MW-20A | 2 | Bolt, Thru | GFE-39 | 1 | Lead Assembly | | | | |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | X-755 | 2 | Terminal | | | | |
| Comm. End Head Assembly & Parts Used With | | | GFE-40 | 1 | Lead Assembly | | | | |
| GFE-2032 | 1 | Head Assy., Comm. End | X-755 | 1 | Terminal | | | | |
| GAR-73 | 1 | Wick, Felt | X-1628 | 1 | Terminal | | | | |
| GAR-98A | 1 | Cover, Wick | VAK-4002 | 1 | VOLTAGE REGULATOR | | | | |
| GBM-1012† | 2 | Brush | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | |
| GBW-69 | 1 | Gasket C.E. Cover | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| GBW-72 | 1 | Oil Guard | X-879 | 3 | Screw, Regulator Mtg., Fill. Hd. 1/4-20x5/8 | | | | |
| GBW-73 | 1 | Gasket, Oil Guard | X-1272 | 3 | Washer, Reg. Mtg. Sc., Skpf. 1/4 | | | | |
| GBW-1068 | 1 | Cover, Comm. End | † BRUSH SET, SERVICE GBM-1012S. | | | | | | |
| GFE-1032A | 1 | Head Assy., Partial, C.E. | <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">UNIT</td> <td style="padding: 5px;">APPLICATION</td> </tr> <tr> <td style="padding: 5px;">GFE-4804</td> <td style="padding: 5px;">Fairmont Rwy.</td> </tr> </table> | | | UNIT | APPLICATION | GFE-4804 | Fairmont Rwy. |
| UNIT | APPLICATION | | | | | | | | |
| GFE-4804 | Fairmont Rwy. | | | | | | | | |
| GAR-219 | 2 | Arm, Brush | | | | | | | |
| GAR-221 | 2 | Spring, Brush | | | | | | | |
| GBF-79 | 1 | BEARING, ABS. BRONZE | | | | | | | |
| 12X-195 | 4 | Lockwasher, Cover Screw, #8 | | | | | | | |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFF-4101 GENERATOR PARTS LIST

GFF-4101

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 | |
| GAS-151 | 2 | Frame Screw | | | | | GAS-152 | 1 | Oil Thrower | | | | | |
| (GFF-2253) | 1 | Frame & Field Assy. | | | | | GDE-2153 | 1 | ARMATURE ASSEMBLY | | | | | |
| GAS-40 | 2 | Ins. Washer - Special | | | | | GAS-53 | 1 | Snap Ring | | | | | |
| GAS-41 | 2 | Insulating Bushing | | | | | IA-158 | 1 | Snap Ring | | | | | |
| GAS-44 | 1 | Field Connection Ins. | | | | | X-160 | 1 | 7/16-20 Hex. Nut | | | | | |
| GBF-55 | 2 | Insulating Washer | | | | | X-1278 | 1 | 7/16 Skpf. Washer | | | | | |
| GEM-29 | 2 | Pole Piece | | | | | X-1460 | 1 | #212 Woodruff Key | | | | | |
| GFF-1005 | 1 | FIELD COIL ASSY.-Comp. | | | | | Drive End Head Assembly & Parts Used With | | | | | | | |
| GBF-36 | 2 | Terminal Post | | | | | GAS-150 | 1 | Drive End Head Gasket | | | | | |
| GFF-30 | 1 | Lead Assembly | | | | | GAS-1154 | 1 | Drive End Head Assy. | | | | | |
| X-1423 | 1 | Terminal | | | | | GAS-154 | 1 | Drive End Head | | | | | |
| GFF-1007 | 1 | Field Coil - Left | | | | | GAS-155 | 1 | Bearing Retainer | | | | | |
| GFF-1008 | 1 | Field Coil - Right | | | | | GAS-156 | 1 | Gasket | | | | | |
| MN-21 | 2 | Dowel Pin | | | | | GG-164 | 1 | Felt Washer | | | | | |
| MZ-38 | 2 | Pole Piece Screw | | | | | X-196 | 3 | #10 Lock Washer | | | | | |
| X-1274 | 4 | 3/16 Skpf. Washer | | | | | 8X-311 | 3 | #10-32x3/8 Rd. Hd. Sc. | | | | | |
| 5X-1377 | 2 | #10-32 Hex. Nut | | | | | X-1470 | 1 | BALL BRG. - S.A.E. #202 | | | | | |
| X-196 | 3 | #10 Lock Washer | | | | | Miscellaneous Parts | | | | | | | |
| 8X-321 | 1 | #10-32x5/16 Rd. Hd. Screw | | | | | GAS-24E | 1 | Head Band | | | | | |
| X-544 | 2 | #10 Lock Washer | | | | | X-714 | 1 | #10-32x1 1/2 Rd. Hd. Screw | | | | | |
| 5X-1377 | 2 | #10-32 Hex. Nut | | | | | 8X-794 | 1 | #10-32 Square Nut | | | | | |
| Comm. End Head Assembly & Parts Used With | | | | | | | | | | 1 2 3 4 5 | | | | |
| GAS-69 | 1 | Comm. End Cap Cover | | | | | | | | | | | | |
| GAS-70 | 1 | End Cap Cover Gasket | | | | | | | | | | | | |
| GAS-71 | 1 | Bearing Retaining Washer | | | | | | | | | | | | |
| GAS-77 | 1 | Felt Washer | | | | | | | | | | | | |
| GAS-78 | 1 | Felt Washer Retainer | | | | | | | | | | | | |
| (GFF-2002A) | 1 | Comm. End Head Assy. | | | | | | | | | | | | |
| GFF-2A | 1 | Comm. End Plate | | | | | | | | | | | | |
| GFF-2021R | 1 | Brush Holder Plate Assembly | | | | | | | | | | | | |
| GAL-31 | 1 | Ground Connector Assembly | | | | | | | | | | | | |
| X-958 | 2 | Terminal | | | | | | | | | | | | |
| GAS-15 | 2 | Brush Holder | | | | | | | | | | | | |
| GAS-17 | 1 | Brush Spring | | | | | | | | | | | | |
| GAS-18 | 1 | Brush Spring | | | | | | | | | | | | |
| GAS-1021R | 1 | Brush Holder Plate Part Assembly | | | | | | | | | | | | |
| GFF-12† | 2 | Brush - Main | | | | | | | | | | | | |
| 8X-122 | 2 | #8-32x1/2 Fill.Hd.Sc. | | | | | | | | | | | | |
| X-1275 | 2 | #8 Skpf. Washer | | | | | | | | | | | | |
| 8X-55 | 3 | #8-32x3/8 Rd. Hd. Sc. | | | | | | | | | | | | |
| X-195 | 3 | #8 Lock Washer | | | | | | | | | | | | |
| X-489 | 1 | 1/4 Oiler-Press in Type | | | | | | | | | | | | |
| IA-175 | 1 | Flat Steel Washer | | | | | | | | | | | | |
| 8X-61 | 1 | #10-32x7/16 Flat Hd. Sc. | | | | | | | | | | | | |
| X-63 | 3 | #8-32x3/8 Flat Hd. Screw | | | | | | | | | | | | |
| X-293 | 1 | BALL BRG. - S.A.E. #201 | | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | | | | | | |

(Issued 12-3-41)

† Service BRUSH SET GFF-1012S.

NOTE:- VAB-4001A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator

| | |
|----------|-------------------|
| UNIT | APPLICATION |
| GFF-4101 | Galion Iron Works |

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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

GFF-4102 GENERATOR PARTS LIST

GFF-4102

PRELIMINARY

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part | | | | |
|------------|----------|--------------|---|---|---|-------------------------|
| | | 1 | 2 | 3 | 4 | 5 |
| GAS-20A | 2 | | | | | Frame Screw |
| (GFF-2257) | 1 | | | | | Frame & Field Assy. |
| GAS-40 | 2 | | | | | Ins. Washer - Special |
| GAS-41 | 2 | | | | | Insulating Bushing |
| GAS-44 | 1 | | | | | Field Connection Ins. |
| GBF-55 | 2 | | | | | Insulating Washer |
| GEM-29 | 2 | | | | | Pole Piece |
| GFF-1005 | 1 | | | | | FIELD COIL ASSY.-Comp. |
| GBF-36 | 2 | | | | | Terminal Post |
| GFF-30 | 1 | | | | | Lead Assembly |
| X-1423 | 1 | | | | | Terminal |
| GFF-1007 | 1 | | | | | Field Coil - Left |
| GFF-1008 | 1 | | | | | Field Coil - Right |
| MN-21 | 2 | | | | | Dowel Pin |
| MZ-38 | 2 | | | | | Pole Piece Screw |
| X-1274 | 4 | | | | | 3/16 Skpf. Washer |
| 5X-1377 | 2 | | | | | #10-32 Hex. Nut |
| X-196 | 3 | | | | | #10 Lock Washer |
| 8X-321 | 1 | | | | | #10-32x5/16 Rd. Hd. Sc. |
| X-544 | 2 | | | | | #10 Lock Washer |
| 8X-1377 | 2 | | | | | #10-32 Hex. Nut |

Comm. End Head Assembly & Parts Used With

| | | |
|-------------|---|-------------------------------|
| GAS-69A | 1 | Comm. End Cap Cover |
| GAS-70 | 1 | End Cap Cover Gasket |
| GAS-71 | 1 | Bearing Retaining Washer |
| GAS-77 | 1 | Felt Washer |
| GAS-78 | 1 | Felt Washer Retainer |
| (GFF-2002A) | 1 | Comm. End Head Assy. |
| GFF-2A | 1 | Comm. End Head |
| GFF-2021R | 1 | Brush Holder Plate Assembly |
| GAL-31 | 1 | Ground Connector Assembly |
| X-958 | 2 | Terminal |
| GAS-15 | 2 | Brush Holder |
| GAS-17 | 1 | Brush Spring |
| GAS-18 | 1 | Brush Spring |
| GAS-1021R | 1 | Brush Holder Plate Part Assy. |
| GFF-12† | 2 | Brush - Main |
| 8X-122 | 2 | #8-32x1/2 Fill.Hd.Sc. |
| X-1275 | 2 | #8 Skpf. Washer |
| 8X-55 | 3 | #8-32x3/8 Rd. Hd. Sc. |
| X-195 | 3 | #8 Lock Washer |
| X-489 | 1 | 1/4 Oiler-Press in Type |
| IA-175 | 1 | Flat Steel Washer |
| 8X-61 | 1 | #10-32x7/16 Flat Hd. Sc. |
| 8X-63 | 3 | #8-32x3/8 Flat Hd. Screw |
| X-293 | 1 | BALL BRG. - S.A.E. #201 |
| | | 1 2 3 4 5 |

Armature Assembly & Parts Used With

| Part No. | No. Used | Name of Part | | | | |
|----------|----------|--------------|---|---|---|-------------------|
| | | 1 | 2 | 3 | 4 | 5 |
| GDE-2076 | 1 | | | | | ARMATURE ASSEMBLY |
| GAS-53 | 1 | | | | | Snap Ring |
| IA-158 | 1 | | | | | Snap Ring |
| 8X-160 | 1 | | | | | 7/16-20 Hex. Nut |
| X-1278 | 1 | | | | | 7/16 Skpf. Washer |
| X-1460 | 1 | | | | | #212 Woodruff Key |

Drive End Head Assembly & Parts Used With

| | | |
|-----------|---|-------------------------|
| GAS-1075E | 1 | Drive End Head Assy. |
| DB-13 | 1 | Flat Felt Guard |
| GAS-73 | 1 | Cupped Felt Guard |
| GAS-74 | 1 | Bearing Retainer |
| GAS-75B | 1 | Drive End Head |
| IGP-34 | 1 | Felt Wick |
| SC-127 | 1 | Felt Washer |
| 8X-55 | 3 | #8-32x3/8 Rd. Hd. Screw |
| X-195 | 3 | #8 Lock Washer |
| X-294 | 1 | BALL BRG. - S.A.E. #202 |
| X-489 | 1 | 1/4 Oiler-Press in Type |

Miscellaneous Parts

| | | |
|---------|---|--------------------------|
| GAS-24F | 1 | Head Band |
| 8X-714 | 1 | #10-32x1 1/2 Rd. Hd. Sc. |
| 8X-794 | 1 | #10-32 Square Nut |
| | | 1 2 3 4 5 |

(Issued 12-3-41)

† Service BRUSH SET GFF-1012S.

NOTE:- VAB-4002A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

| UNIT | APPLICATION |
|----------|-------------------|
| GFF-4102 | Indian Motorcycle |

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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

GFG-4501 GENERATOR PARTS LIST

GFG-4501

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 |
| DK-23B | 2 | Frame Screw | | | | | GBM-21 | 1 | Armature Shaft Nut | | | | |
| (GFG-2031) | 1 | Frame & Field Assembly | | | | | GCX-23 | 1 | Armature Shaft Spacer | | | | |
| GAA-30 | 1 | Terminal Post Bottom Ins. | | | | | GFG-2032 | 1 | ARMATURE ASSEMBLY | | | | |
| GAA-32 | 1 | Terminal Post Top Ins. | | | | | GAR-171 | 1 | Snap Ring | | | | |
| GAL-44 | 1 | Field Connection Ins. | | | | | X-260 | 1 | #5 Woodruff Key | | | | |
| GCT-25 | 1 | Insulating Bushing | | | | | X-864 | 1 | .669 Lock Washer | | | | |
| GDU-31 | 1 | Lead Assembly | | | | | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | |
| GAA-27 | 1 | Terminal Post | | | | | GET-1034 | 1 | Drive End Head Assembly | | | | |
| X-947 | 1 | Terminal | | | | | GET-34 | 1 | Drive End Head | | | | |
| GET-29 | 2 | Pole Piece | | | | | GG-6 | 2 | Bearing Retainer | | | | |
| GFG-1005 | 1 | FIELD COIL ASSY.- Comp. | | | | | 8X-173 | 3 | #10-32 Hex. Nut | | | | |
| GFG-1007 | 1 | Field Coil Assy.-Left | | | | | X-196 | 3 | #10 Lock Washer | | | | |
| X-946 | 1 | Terminal | | | | | 8X-316 | 3 | #10-32x3/4 Rd. Hd. Sc. | | | | |
| GFG-1008 | 1 | Field Coil Assy.-Right | | | | | X-1501 | 1 | BALL BRG.- Oil Seal | | | | |
| X-959 | 1 | Terminal | | | | | <u>Miscellaneous Parts</u> | | | | | | |
| GK-38 | 2 | Pole Piece Screw | | | | | GET-24A | 1 | Head Band | | | | |
| MN-21 | 2 | Dowel Pin | | | | | 8X-715 | 1 | #10-32x1 1/4 Rd. Hd. Screw | | | | |
| 8X-140 | 1 | #6-32 Hex. Nut | | | | | 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 7-2-41) | | | | | | |
| X-194 | 1 | #6 Lock Washer | | | | | | | | | | | |
| 8X-361 | 1 | 1/4 Plain Washer | | | | | | | | | | | |
| 8X-1008 | 1 | #6-32x9/16 Rd. Hd. Screw | | | | | | | | | | | |
| 8X-177 | 1 | #14-24 Hex. Nut | | | | | | | | | | | |
| X-193 | 1 | #14 Lock Washer | | | | | | | | | | | |
| X-196 | 1 | #10 Lock Washer | | | | | | | | | | | |
| X-203 | 2 | 5/16 Lock Washer | | | | | | | | | | | |
| 8X-321 | 1 | #10-32x5/16 Rd. Hd. Screw | | | | | | | | | | | |
| <u>Comm. End Plate Assembly & Parts Used With</u> | | | | | | | | | | | | | |
| GCX-39 | 1 | Ground Spring | | | | | † SERVICE BRUSH SET GAL-2012A. | | | | | | |
| (GFG-2033) | 1 | Comm. End Plate Assembly | | | | | NOTE:- CBK-4001 CIRCUIT BREAKER is used with but is not a part of this generator. | | | | | | |
| GAL-12† | 2 | Brush - Main | | | | | | | | | | | |
| GAL-199 | 2 | Brush Screw Block | | | | | | | | | | | |
| GAL-205 | 2 | 3rd Br. Plate Retaining Spring | | | | | | | | | | | |
| GAL-242 | 2 | Brush Holder | | | | | | | | | | | |
| GCX-19 | 2 | Brush Spring | | | | | | | | | | | |
| GCX-2037A | 1 | 3rd Br. Holder Plate Assembly | | | | | | | | | | | |
| GAL-199 | 1 | Brush Screw Block | | | | | | | | | | | |
| GAL-242 | 1 | Brush Holder | | | | | | | | | | | |
| GAR-13† | 1 | Brush - Third | | | | | | | | | | | |
| GCX-19 | 1 | Brush Spring | | | | | | | | | | | |
| GCX-1037 | 1 | 3rd Br. Plate Part Assembly | | | | | | | | | | | |
| 8X-59 | 1 | #8-32x3/16 Rd. Hd. Sc. | | | | | | | | | | | |
| X-1276 | 1 | #8 Skpf. Washer | | | | | | | | | | | |
| 8X-1505 | 1 | #8-32x9/16 Bdg. Hd.Sc. | | | | | | | | | | | |
| GDU-30 | 1 | Lead Assembly | | | | | | | | | | | |
| X-958 | 2 | Terminal | | | | | | | | | | | |
| GET-1033 | 1 | C. E. Plate Part Assy. | | | | | | | | | | | |
| 8X-59 | 2 | #8-32x3/16 Rd. Hd. Screw | | | | | | | | | | | |
| 8X-63 | 2 | #8-32x3/8 Flat Hd. Screw | | | | | | | | | | | |
| X-195 | 2 | #8 Lock Washer | | | | | | | | | | | |
| 8X-304 | 1 | #8-32x5/16 Rd. Hd. Screw | | | | | | | | | | | |
| X-1276 | 1 | #8 Skpf. Washer | | | | | | | | | | | |
| 8X-1505 | 2 | #8-32x9/16 Bdg. Hd. Sc. | | | | | | | | | | | |
| X-1502 | 1 | BALL BEARING - Oil Seal | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | | | | | |

| | |
|----------|-------------|
| UNIT | APPLICATION |
| GFG-4501 | Parris Dunn |

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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

GFH-4801A GENERATOR PARTS LIST

GFH-4801A

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 |
| (GFH-2051) | 1 | Frame & Field Assembly | | | | | GCJ-2006F | 1 | ARMATURE ASSEMBLY | | | | |
| GAL-44 | 1 | Field Connection Ins. | | | | | GAR-171 | 1 | Snap Ring | | | | |
| GAR-211 | 1 | Insulating Bushing | | | | | GR-32 | 1 | Felt Washer Retainer | | | | |
| GDS-29 | 2 | Pole Piece | | | | | SP-357 | 1 | Armature Shaft Nut | | | | |
| GFH-1005 | 1 | FIELD COIL ASSY.- Comp. | | | | | SP-460 | 1 | Drive Pulley | | | | |
| GFH-1007 | 1 | Field Coil Assy.-Left | | | | | X-260 | 1 | #5 Woodruff Key | | | | |
| GAL-298 | 1 | C. B. Lead Assy. | | | | | X-864 | 1 | .669 Lock Washer | | | | |
| X-755 | 1 | Terminal | | | | | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | |
| X-1425 | 1 | Terminal | | | | | GBJ-1003C | 1 | Drive End Head Assembly | | | | |
| X-976 | 1 | Terminal | | | | | GAR-63 | 2 | Felt Guard | | | | |
| GFH-1008 | 1 | Field Coil Assy.-Right | | | | | GAR-64 | 2 | Bearing Retainer | | | | |
| X-767 | 1 | Terminal | | | | | GBJ-3C | 1 | Drive End Head | | | | |
| GK-38 | 2 | Pole Piece Screw | | | | | GG-164 | 2 | Felt Washer | | | | |
| MN-21 | 2 | Dowel Pin | | | | | 8X-173 | 3 | #10-32 Hex. Nut | | | | |
| GK-20 | 2 | Frame Screw | | | | | X-196 | 3 | #10 Lock Washer | | | | |
| X-199 | 2 | 1/4 Lock Washer | | | | | X-295 | 1 | BALL BRG.- S.A.E. #203 | | | | |
| <u>Comm. End Plate Assembly & Parts Used With</u> | | | | | | X-489 | 1 | 1/4 Oiler - Press in Type | | | | | |
| (GCJ-2107) | 1 | Comm. End Plate Assembly | | | | | 8X-1003 | 3 | #10-32x7/8 Rd. Hd. Screw | | | | |
| GAR-73 | 1 | Oil Wick | | | | | <u>Miscellaneous Parts</u> | | | | | | |
| GAR-98A | 1 | Wick Cover | | | | | GBW-1024A | 1 | Head Band Assembly | | | | |
| GBW-30B | 1 | Comm. End Cap Cover | | | | | TC-4323C | 1 | TWO CHARGE REGULATOR | | | | |
| GBW-69 | 1 | Gasket | | | | | X-196 | 4 | #10 Lock Washer | | | | |
| GBW-72 | 1 | Oil Guard | | | | | 8X-321 | 4 | #10-32x5/16 Rd. Hd. Screw | | | | |
| GBW-73 | 1 | Oil Retaining Gasket | | | | | X-715 | 1 | #10-32x1 1/4 Rd. Hd. Screw | | | | |
| GCJ-51 | 1 | 3rd Brush Plate Retaining Spring | | | | | 8X-794 | 1 | #10-32 Square Nut | | | | |
| GCJ-1014 | 1 | 3rd Brush Plate Assembly | | | | | 1 2 3 4 5 | | | | | | |
| GBW-45 | 1 | Brush Spring | | | | | (Issued 10-2-41) | | | | | | |
| GCJ-26 | 1 | Brush Arm | | | | | | | | | | | |
| GCJ-1107A | 1 | C. E. Plate Part Assy. | | | | | | | | | | | |
| 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 | | | | | | | | | | | |
| 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-305 | 2 | #8-32x1/4 Rd. Hd. Screw | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | | | | | |

† SERVICE BRUSH SET GDF-2012S.

| | |
|-----------|-----------------------|
| UNIT | APPLICATION |
| GFH-4801A | Motor Generator Corp. |

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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

GFH-4802A GENERATOR PARTS LIST

GFH-4802A

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 |
| (GFH-2045) | 1 | Frame & Field Assy. | | | | | GCJ-2006F | 1 | ARMATURE ASSEMBLY | | | | |
| GAL-44 | 1 | Field Connection Ins. | | | | | GAR-171 | 1 | Snap Ring | | | | |
| GAR-211 | 1 | Insulating Bushing | | | | | GR-32 | 1 | Felt Washer Retainer | | | | |
| GDS-29 | 2 | Pole Piece | | | | | SP-357 | 1 | Armature Shaft Nut | | | | |
| GFH-1005 | 1 | FIELD COIL ASSY.-Comp. | | | | | SP-460 | 1 | Drive Pulley | | | | |
| GFH-1007 | 1 | Field Coil Assy.-Left | | | | | X-260 | 1 | #5 Woodruff Key | | | | |
| GAL-298 | 1 | C.B. Lead Assy. | | | | | X-864 | 1 | .669 Lock Washer | | | | |
| X-755 | 1 | Terminal | | | | | Drive End Head Assembly & Parts Used With | | | | | | |
| X-1425 | 1 | Terminal | | | | | GBJ-1003C | 1 | Drive End Head Assy. | | | | |
| X-976 | 1 | Terminal | | | | | GAR-63 | 2 | Felt Guard | | | | |
| GFH-1008 | 1 | Field Coil Assy. Right | | | | | GAR-64 | 2 | Bearing Retainer | | | | |
| X-767 | 1 | Terminal | | | | | GBJ-3C | 1 | Drive End Head | | | | |
| GK-38 | 2 | Pole Piece Screw | | | | | GG-164 | 2 | Felt Washer | | | | |
| MN-21 | 2 | Dowel Pin | | | | | EX-173 | 3 | #10-32 Hex. Nut | | | | |
| GK-20 | 2 | Frame Screw | | | | | X-196 | 3 | #10 Lock Washer | | | | |
| X-199 | 2 | 1/4 Lock Washer | | | | | X-295 | 1 | BALL BRG. - S.A.E. #203 | | | | |
| Comm. End Head Assembly & Parts Used With | | | | | | X-489 | 1 | 1/4 Oiler-Press in Type | | | | | |
| (GCJ-2107) | 1 | Comm. End Head Assy. | | | | | EX-1003 | 3 | #10-32x7/8 Rd. Hd. Screw | | | | |
| GAR-73 | 1 | Oil Wick | | | | | Miscellaneous Parts | | | | | | |
| GAR-98A | 1 | Wick Cover | | | | | GBW-1024A | 1 | Head Band Assy. | | | | |
| GBW-30B | 1 | Comm. End Cap Cover | | | | | TC-4323C | 1 | TWO CHARGE REGULATOR | | | | |
| GBW-69 | 1 | Gasket | | | | | X-196 | 4 | #10 Lock Washer | | | | |
| GBW-72 | 1 | Oil Guard | | | | | EX-321 | 4 | #10-32x5/16 Rd. Hd. Screw | | | | |
| GBW-73 | 1 | Oil Retaining Gasket | | | | | X-715 | 1 | #10-32x1 1/4 Rd. Hd. Screw | | | | |
| GCJ-51 | 1 | 3rd Brush Plate | | | | | EX-794 | 1 | #10-32 Square Nut | | | | |
| | | Retaining Spring | | | | | 1 2 3 4 5 | | | | | | |
| GCJ-1014 | 1 | 3rd Brush Plate Assy. | | | | | (Issued 12-3-41) | | | | | | |
| GBW-45 | 1 | Brush Spring | | | | | | | | | | | |
| GCJ-26 | 1 | Brush Arm | | | | | | | | | | | |
| GCJ-1107A | 1 | C.E. Head Part Assy. | | | | | | | | | | | |
| GBF-79 | 1 | ABSORBENT BRONZE BEARING | | | | | | | | | | | |
| GBW-45 | 1 | Brush Spring | | | | | | | | | | | |
| GCJ-26 | 1 | Brush Arm | | | | | | | | | | | |
| GCJ-1023R | 1 | Grounded Brush Holder Assy. | | | | | | | | | | | |
| GBW-45 | 1 | Brush Spring | | | | | | | | | | | |
| GCJ-26 | 1 | Brush Arm | | | | | | | | | | | |
| X-195 | 2 | #8 Lock Washer | | | | | | | | | | | |
| EX-304 | 2 | #8-32x5/16 Rd.Hd.Sc. | | | | | | | | | | | |
| GDF-1012† | 2 | Brush - Main | | | | | | | | | | | |
| GDF-1013† | 1 | Brush - Third | | | | | | | | | | | |
| X-195 | 5 | #8 Lock Washer | | | | | | | | | | | |
| EX-311 | 1 | #10-32x3/8 Rd. Hd. Sc. | | | | | | | | | | | |
| X-489 | 1 | 1/4 Oiler-Press in Type | | | | | | | | | | | |
| EX-888 | 4 | #8-32x5/16 Fill.Hd.Sc. | | | | | | | | | | | |
| EX-1507 | 1 | #8-32x1/4 Bdg. Hd. Sc. | | | | | | | | | | | |
| X-195 | 2 | #8 Lock Washer | | | | | | | | | | | |
| EX-305 | 2 | #8-32x1/4 Rd. Hd. Screw | | | | | | | | | | | |
| | | 1 2 3 4 5 | | | | | | | | | | | |

† Service BRUSH SET GDF-2012S.

| | |
|-----------|-------------|
| UNIT | APPLICATION |
| GFH-4802A | Hercules |

Printed in U. S. A.

File in
Equipment & Parts List Binder

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFJ-4802 GENERATOR PARTS LIST

GFJ-4802

| 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-3022) | 1 | Frame & Field Assy. | GCD-30 | 1 | Deflector, Air |
| GAA-32 | 1 | Washer, Ins., Arm. Term. | GCD-3053 | 1 | Head Assy., Comm. End |
| GAU-45 | 1 | Insulation, Field Connection | GBY-25 | 2 | Spring, Brush |
| GBW-34 | 1 | Washer, Ins., Field Term. | GBY-34 | 2 | Arm, Brush |
| GBW-66 | 1 | Insulation, Arm. Term., Inner | GBY-1012† | 2 | Brush |
| GBW-67 | 1 | Insulation, Field Term., Inner | 8X-66 | 3 | Screw, Air Deflector, Flat Hd. #10-32x1/2 |
| GBY-38A | 4 | Screw, Pole Shoe | 12X-195 | 2 | Lockwasher, Br. Lead Sc., #8 |
| GCD-23 | 1 | Bracket, Mounting | 8X-305 | 2 | Screw, Br. Lead, Rd. Hd. #8-32x1/4 |
| GCD-2005 | 1 | COIL ASSY., FIELD, COMPLETE | X-489 | 1 | Oiler |
| GCD-1007A | 1 | Coil Assy., Field, Left | 8X-726 | 3 | Screw, C.E. Cover, Bdg. Hd. #10-32x7/16 |
| GCD-25 | 1 | Lead Assembly | X-867 | 1 | BEARING, BALL, SHIELDED, S.A.E. #303 |
| GCE-34 | 1 | Stud, Arm. Term., #14-24 | X-1270 | 3 | Washer, Cover Screw, Skpf. #10 |
| X-1425 | 1 | Terminal | X-1621 | 3 | Washer, Deflector Screw, Skpf. #10 |
| GCE-27 | 1 | Stud, Field Term., #10-32 | | | |
| GCD-1008A | 1 | Coil Assy., Field, Right | | | <u>Armature Assembly & Parts Used With</u> |
| IG-821 | 1 | Terminal | GBM-21B | 1 | Nut, Arm. Shaft, C.E. |
| GDD-27 | 1 | Bushing, Ins., Field Term. | GFJ-21 | 1 | Spacer, Armature Shaft |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. | GFJ-2057F | 1 | ARMATURE |
| MN-21 | 2 | Pin, Dowel | SP-136 | 1 | Fan, Ventilating |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | X-260 | 1 | Key, Woodruff #5 |
| X-193 | 2 | Lockwasher, Arm. Term., #14 | 12X-864 | 1 | Lockwasher, Arm. Shaft |
| X-196 | 2 | Lockwasher, Field Term., #10 | X-1177 | 1 | Washer, Arm. Shaft, Skpf. 5/8 |
| 8X-349 | 1 | Washer, Field Term., Plain #10 | X-1178 | 1 | Nut, Arm. Shaft, D.E. |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 | | | <u>Drive End Head Assembly & Parts Used With</u> |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | GCD-1015 | 1 | Head Assy., Drive End |
| X-1579 | 4 | Screw, Mtg. Bracket, Flat Hd. 5/16-24x5/8 | DG-72 | 2 | Retainer, Bearing |
| GAA-20 | 2 | Bolt, Thru | DG-74 | 2 | Retainer, Felt Washer |
| 8X-159 | 2 | Nut, Thru Bolt, Hex. 3/8-24 | G-118 | 2 | Washer, Felt |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 | GCD-15 | 1 | Head, Drive End |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | 8X-173 | 3 | Nut, 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, Retainer, Rd. Hd. #10-32x1 |
| | | | X-489 | 1 | Oiler |
| | | | | | <u>Miscellaneous Parts</u> |
| | | | 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 |

Comm. End Head Assembly & Parts Used With

| | | |
|---------|---|-------------------------------|
| DB-17 | 2 | Washer, Plain, Felt Retaining |
| DD-44 | 1 | Gasket, C.E. Cover |
| GBY-28 | 1 | Washer, Felt |
| GCD-27A | 1 | Cover, Comm. End |
| GCD-28 | 1 | Washer, Felt |

(Continued on Reverse Side)

"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

GFJ-4802 GENERATOR PARTS LIST (Cont'd.)

GFJ-4802

NOTE: VRS-4002A CURRENT-VOLTAGE
REGULATOR is used with but is not
a part of this generator.

† BRUSH SET, SERVICE GCD-2012S.

| UNIT | APPLICATION |
|----------|-------------------------------|
| GFJ-4802 | Manitowoc Shipbuilding Co. |

(Issued 4-14-50)

Printed in U. S. A.

File in
Equipment & Parts List Binder

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFJ-4802 GENERATOR PARTS LIST (Cont'd.)

GFJ-4802

NOTE: VRS-4002A CURRENT-VOLTAGE
REGULATOR is used with but is not
a part of this generator.

† BRUSH SET, SERVICE GCD-2012S.

| UNIT | APPLICATION |
|----------|-------------------------------|
| GFJ-4802 | Manitowoc Shipbuilding Co. |

(Issued 4-14-50)

Printed in U. S. A.

File in
Equipment & Parts List Binder

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFL-4802 GENERATOR PARTS LIST

GFL-4802

| Frame & Field Assembly & Parts Used With | | | | |
|---|----------|----------------------------------|---|-------|
| Part No. | No. Used | Name of Part | | |
| No. | Used | 1 | 2 | 3 4 5 |
| (GFL-2053) | 1 | Frame & Field Assy. | | |
| GAA-32 | 2 | Washer, Ins., Term. Stud, Outer | | |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | | |
| GCT-25 | 2 | Bushing, Ins., Term. Stud | | |
| GCY-25 | 1 | Bushing, Ins., Field Term. | | |
| GDZ-54 | 1 | Insulation, Term. Stud, Inner | | |
| GFL-1005A | 1 | COIL ASSY., FIELD, COMP. | | |
| GBW-58 | 1 | Stud, Field Term., #10-32 | | |
| GEA-27 | 1 | Stud, Arm. Term., #14-24 | | |
| GEA-30B | 1 | Lead Assembly | | |
| X-847 | 1 | Terminal | | |
| GFL-1007 | 1 | Coil, Left | | |
| GFL-1008A | 1 | Coil Assy., Right | | |
| GCT-33 | 1 | Lead Assembly | | |
| GAA-27 | 1 | Stud, Arm. Term., #14-24 | | |
| X-847 | 1 | Terminal | | |
| GK-38 | 2 | Screw, Pole Shoe | | |
| MN-21 | 2 | Pin, Dowel | | |
| 8X-177 | 4 | Nut, Term. Stud, Hex., #14-24 | | |
| 12X-193 | 4 | Lockwasher, Term. Stud, #14 | | |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | | |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 | | |
| 8X-361 | 2 | Washer, Plain, Term. Stud, 1/4 | | |
| 8X-1377 | 2 | Nut, Field Term., Hex., #10-32 | | |
| GY-20 | 2 | Bolt, Thru | | |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | | |
| Comm. End Head Assembly & Parts Used With | | | | |
| GFL-2052 | 1 | Head Assy., Comm. End | | |
| GAR-73 | 1 | Wick, Felt | | |
| GAR-98A | 1 | Cover, Wick | | |
| GBW-69 | 1 | Gasket, Comm. End Cover | | |
| GBW-72 | 1 | Oil Guard | | |
| GBW-73 | 1 | Gasket, Oil Retaining | | |
| GBW-1068 | 1 | Cover, Comm. End | | |
| GDZ-1052A | 1 | Head Assy., Partial, C.E. | | |
| GBF-79 | 1 | BEARING, ABS. BRONZE | | |
| GBW-45 | 2 | Spring, Brush | | |
| GCJ-26 | 2 | Arm, Brush | | |

Comm. End Head Assembly (Continued)

| Part No. | No. Used | Name of Part | | | | |
|-----------|----------|---|---|---|---|---|
| No. | Used | 1 | 2 | 3 | 4 | 5 |
| GFL-1012† | 2 | Brush | | | | |
| 12X-195 | 4 | Lockwasher, C.E. Cover, #8 | | | | |
| 8X-888 | 4 | Screw, C.E. Cover, Fil. Hd., #8-32x5/16 | | | | |
| X-195 | 2 | Lockwasher, Br. Lead Sc. #8 | | | | |
| 8X-305 | 2 | Screw, Br. Lead, Rd. Hd., #8-32x1/4 | | | | |

Armature Assembly & Parts Used With

| | | | | | | |
|-----------|---|------------------------|--|--|--|--|
| GBM-21B | 1 | Nut, Armature Shaft | | | | |
| GFL-2094F | 1 | ARMATURE | | | | |
| X-263 | 1 | Key, Woodruff, #8 | | | | |
| 12X-864 | 1 | Lockwasher, Arm. Shaft | | | | |

Drive End Head Assembly & Parts Used With

| | | | | | | |
|----------|---|---|--|--|--|--|
| GDZ-1046 | 1 | Head Assy., Drive End | | | | |
| GAR-178 | 2 | Retainer, Bearing | | | | |
| GAR-179 | 2 | Retainer, Felt Washer | | | | |
| GDZ-46 | 1 | Head | | | | |
| GJ-147 | 2 | Washer, Felt | | | | |
| 8X-173 | 3 | Nut, Bearing Retaining, Hex., #10-32 | | | | |
| X-196 | 3 | Lockwasher, Bearing Retaining, #10 | | | | |
| X-298 | 1 | BEARING, BALL, S.A.E. #204 | | | | |
| 8X-306 | 3 | Screw, Brg. Retaining, Rd. Hd. #10-32x1 | | | | |
| X-489 | 1 | Oiler, Press in Type, 1/4 | | | | |

Miscellaneous Parts

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

† BRUSH SET, SERVICE GFL-2012S.

NOTE:- VRV-4102A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

| | |
|----------|-------------------|
| UNIT | APPLICATION |
| GFL-4802 | R.H. Sheppard Co. |

(Issued 8-19-47)

Printed in U. S. A.

File in
Equipment & Parts List Binder

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFL-4805A, B GENERATOR PARTS LIST

GFL-4805A, B
(Issued 1-28-54)

| Frame & Field Assembly & Parts Used With | | | Comm. End Head Assy. (Cont.) | | | | | | | | |
|--|-------------|---------------------------------|---|----------|--|------|-------------|-----------|-----------|-----------|-------------|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part | | | | | | |
| GFL-2053A | 1 | Frame & Field Assy. | 12X-195 | 4 | Lockwasher, Cover Sc., #8 | | | | | | |
| GAA-32 | 2 | Washer, Ins., Term. Stud | 8X-888 | 4 | Screw, Cover, Fill. Hd. #8-32x5/16 | | | | | | |
| GBW-34 | 1 | Washer, Ins., Field Term. | 12X-195 | 2 | Lockwasher, Lead Sc., #8 | | | | | | |
| GCT-25 | 2 | Bushing, Ins., Term. Stud | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | | | |
| GCY-25 | 1 | Bushing, Ins., Field Term. | <u>Armature Assembly & Parts Used With</u> | | | | | | | | |
| GDZ-54 | 1 | Insulation, Term. Stud, Inner | GBM-21B | 1 | Nut, Arm. Shaft, D. E. | | | | | | |
| GFL-1005A | 1 | COIL ASSY., FIELD, COMPLETE | GFL-2006F | 1 | ARMATURE ASSY. | | | | | | |
| GEA-27 | 1 | Stud, Arm. Term., #14-24 | GAR-171 | 1 | Snap Ring | | | | | | |
| GEA-30B | 1 | Lead Assembly | GR-32 | 1 | Retainer, Felt Washer | | | | | | |
| X-847 | 1 | Terminal | * | 1 | Pulley, Drive | | | | | | |
| GEB-58 | 1 | Stud, Field Term., #10-32 | X-260 | 1 | Key, Woodruff, #5 | | | | | | |
| GFL-1007 | 1 | Coil, Field, Left | 12X-864 | 1 | Lockwasher, Shaft, D. E. | | | | | | |
| GFL-1008A | 1 | Coil Assy., Field, Right | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | | | |
| GCT-33 | 1 | Lead Assy. | GDZ-1003 | 1 | Head Assy., Drive End | | | | | | |
| GAA-27 | 1 | Stud, Arm. Term. #14-24 | GAR-63 | 2 | Retainer, Felt Washer | | | | | | |
| X-847 | 1 | Terminal | GAR-64 | 2 | Retainer, Bearing | | | | | | |
| GK-38 | 2 | Screw Pole Shoe | GDZ-3 | 1 | Head, Drive End | | | | | | |
| MN-21 | 2 | Pin, Dowel | GG-164 | 2 | Washer, Felt | | | | | | |
| 8X-177 | 4 | Nut, Term. Stud, Hex. #14-24 | 8X-173 | 3 | Nut, Retainer Sc., Hex. #10-32 | | | | | | |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | X-196 | 3 | Lockwasher, Retainer Sc., #10 | | | | | | |
| 12X-199 | 4 | Lockwasher, Term. Stud, 1/4 | X-295 | 1 | BEARING, BALL, S. A. E. #203 | | | | | | |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 | X-489 | 1 | Oiler | | | | | | |
| 8X-361 | 2 | Washer, Plain, Term. Stud, 1/4 | 8X-1003 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x7/8 | | | | | | |
| 8X-1377 | 2 | Nut, Field Term., Hex., #10-32 | <u>Miscellaneous Parts</u> | | | | | | | | |
| GY-20 | 2 | Bolt, Thru | GBW-24B | 1 | Band, Cover | | | | | | |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | 8X-714 | 1 | Screw, Cover, Band, Rd. Hd. #10-32x1 1/2 | | | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | | | |
| GFL-2012S | 1 | BRUSH SET, SERVICE | NOTE: * CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | | | | | | | |
| GFL-2056S | 1 | Head Assy., Comm. End | * See table following parts list for part number applying to assembly wanted. | | | | | | | | |
| GAR-73 | 1 | Wick, Felt | Assy. No. | Pulley | Regulator | | | | | | |
| GAR-98A | 1 | Cover, Wick | GFL-4805A | SP-465B | VRV-4003C | | | | | | |
| GBW-69 | 1 | Gasket, C. E. Cover | GFL-4805B | SP-845 | VRV-7001A | | | | | | |
| GBW-72 | 1 | Oil Guard | <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">UNIT</th> <th style="text-align: center;">APPLICATION</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">GFL-4805A</td> <td style="text-align: center;">Buda Eng.</td> </tr> <tr> <td style="text-align: center;">GFL-4805B</td> <td style="text-align: center;">Hill Diesel</td> </tr> </tbody> </table> | | | UNIT | APPLICATION | GFL-4805A | Buda Eng. | GFL-4805B | Hill Diesel |
| UNIT | APPLICATION | | | | | | | | | | |
| GFL-4805A | Buda Eng. | | | | | | | | | | |
| GFL-4805B | Hill Diesel | | | | | | | | | | |
| GBW-73 | 1 | Gasket, Oil Guard | | | | | | | | | |
| GBW-1068 | 1 | Cover, Comm. End | | | | | | | | | |
| GDZ-1056A | 1 | Head Assy., Partial, C. E. | | | | | | | | | |
| GBF-79 | 1 | BEARING, ABS. BRONZE | | | | | | | | | |
| GBW-45 | 2 | Spring, Brush | | | | | | | | | |
| GCJ-26 | 2 | Arm, Brush | | | | | | | | | |

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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

GFL-4808 GENERATOR PARTS LIST

GFL-4808
(Issued 3-29-51)

| 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 | | | | |
| (GFL-2062) | 1 | Frame & Field Assy. | GBW-1068 | 1 | Cover, Comm. End | | | | |
| GAA-32 | 2 | Washer, Ins., Term. Stud, Outer | GDZ-1061A | 1 | Head Assy., Partial C.E. | | | | |
| GBW-34 | 1 | Washer, Ins., Field Term. Outer | GBF-79 | 1 | BEARING, ABS. BRONZE | | | | |
| GCT-25 | 2 | Bushing, Ins., Term. Stud | GBW-45 | 2 | Spring, Brush | | | | |
| GCY-25 | 1 | Bushing, Ins., Field Term. | GCJ-26 | 2 | Arm, Brush | | | | |
| GDZ-54 | 1 | Insulation, Term. Stud, Inner | GFL-1012† | 2 | Brush | | | | |
| GFL-34BS | 1 | Bracket, Mounting | 12X-195 | 4 | Lockwasher, Cover Sc., #8 | | | | |
| GFL-1005A | 1 | COIL ASSY., FIELD, COMPLETE | 8X-888 | 4 | Screw, C.E. Cover, Fill. Hd. #8-32x5/16 | | | | |
| GEA-27 | 1 | Stud, Arm. Term., #14-24 | 12X-195 | 2 | Lockwasher, Lead Sc., #8 | | | | |
| GEA-30B | 1 | Lead Assembly | 8X-305 | 2 | Screw, Br. Lead, Rd. Hd. #8-32x1/4 | | | | |
| X-847 | 1 | Terminal | <u>Armature Assembly & Parts Used With</u> | | | | | | |
| GEB-58 | 1 | Stud, Field Term., #10-32 | GBM-21B | 1 | Nut, Arm. Shaft, D.E. | | | | |
| GFL-1007 | 1 | Coil, Field, Left | GFL-2094F | 1 | ARMATURE | | | | |
| GFL-1008A | 1 | Coil Assy., Right | SP-712 | 1 | Pulley, Drive | | | | |
| GCT-33 | 1 | Lead Assembly | X-263 | 1 | Key, Woodruff #8 | | | | |
| GAA-27 | 1 | Stud, Term., #14-24 | 12X-864 | 1 | Lockwasher, Shaft, D.E. | | | | |
| X-847 | 1 | Terminal | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | |
| GK-38 | 2 | Screw, Pole Shoe | GDZ-1025 | 1 | Head Assy., Drive End | | | | |
| MN-21 | 2 | Pin, Dowel | GAR-178A | 2 | Retainer, Bearing | | | | |
| 8X-177 | 4 | Nut, Term. Stud, Hex. #14-24 | GAR-179A | 2 | Retainer, Felt Washer | | | | |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GDZ-25 | 1 | Head, D.E. | | | | |
| 12X-199 | 4 | Lockwasher, Term. Stud, 1/4 | GJ-147 | 2 | Washer, Felt | | | | |
| 8X-349 | 1 | Washer, Plain, Field Term. #10 | 8X-26 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x1 | | | | |
| 8X-361 | 2 | Washer, Plain, Term. Stud, 1/4 | 12X-196 | 3 | Lockwasher Retainer, Sc., #10 | | | | |
| X-1014 | 4 | Lockwasher, Bracket Sc., 5/16 | X-298 | 1 | BEARING, BALL S.A.E. #204 | | | | |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | X-489A | 1 | Oiler | | | | |
| X-1683 | 4 | Screw, Mtg. Bracket, Hex. Hd. 5/16-24x11/16 | 8X-2853 | 3 | Nut, Retainer Sc., Hex. #10-32 | | | | |
| GY-20 | 2 | Bolt, Thru | <u>Miscellaneous Parts</u> | | | | | | |
| 12X-199 | 2 | Washer, Lock Thru Bolt 1/4 | GBW-24J | 1 | Band, Cover | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | |
| GFL-2061 | 1 | Head Assy., Comm. End | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| GAR-73 | 1 | Wick, Felt | † BRUSH SET, SERVICE GFL-2012S. | | | | | | |
| GAR-98A | 1 | Cover, Wick | NOTE: VRV-4102A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | | | | | |
| GBW-69 | 1 | Gasket, C.E. Cover | <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">UNIT</th> <th style="text-align: center;">APPLICATION</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">GFL-4808</td> <td style="text-align: center;">Buda</td> </tr> </tbody> </table> | | | UNIT | APPLICATION | GFL-4808 | Buda |
| UNIT | APPLICATION | | | | | | | | |
| GFL-4808 | Buda | | | | | | | | |
| GBW-72 | 1 | Oil Guard | | | | | | | |
| GBW-73 | 1 | Gasket, Oil Guard | | | | | | | |

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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

GFL-4811A GENERATOR PARTS LIST

GFL-4811A

| 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 | | | | |
| (GFL-2001) | 1 | Frame & Field Assy. | 8X-888 | 4 | Screw, Cover, Fill. Hd. #8-32x5/16 | | | | |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | 12X-195 | 2 | Lockwasher, Br. Lead Sc., #8 | | | | |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. | Armature Assembly & Parts Used With | | | | | | |
| GCY-25 | 1 | Bushing, Ins., Field Term. | GBM-21B | 1 | Nut, Arm. Shaft, D.E. | | | | |
| GEA-34 | 1 | Insulation, Term. Stud, Inner | GFL-2006F | 1 | ARMATURE ASSEMBLY | | | | |
| GFL-1005 | 1 | COIL ASSY., FIELD, COMPLETE | GAR-171 | 1 | Snap Ring | | | | |
| GEA-27 | 1 | Stud, Arm. Term., #14-24 | GR-32 | 1 | Retainer, Felt Washer | | | | |
| GEA-30B | 1 | Lead Assembly | SP-1310 | 1 | Pulley, Drive | | | | |
| X-847 | 1 | Terminal | X-260 | 1 | Key, Woodruff, #5 | | | | |
| GEB-58 | 1 | Stud, Field Term., #10-32 | 12X-864 | 1 | Lockwasher, Arm. Shaft, D.E. | | | | |
| GFL-1007 | 1 | Coil, Field, Left | Drive End Head Assembly & Parts Used With | | | | | | |
| GFL-1008 | 1 | Coil, Field, Right | GDZ-1003 | 1 | Head Assy., Drive End | | | | |
| GK-38 | 2 | Screw, Pole Shoe | GAR-63 | 2 | Retainer, Felt Washer | | | | |
| MN-21 | 2 | Pin, Dowel | GAR-64 | 2 | Retainer, Bearing | | | | |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | GDZ-3 | 1 | Head, Drive End | | | | |
| 12X-193 | 2 | Lockwasher, Arm. Term., #14 | GG-164 | 2 | Washer, Felt | | | | |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | 8X-173 | 3 | Nut, Retainer Sc., Hex. #10-32 | | | | |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 | X-196 | 3 | Lockwasher, Retainer Sc., #10 | | | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 | X-295 | 1 | BEARING, BALL, S.A.E. #203 | | | | |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | X-489 | 1 | Oiler | | | | |
| GY-20 | 2 | Bolt, Thru | 8X-1003 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x7/8 | | | | |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 | Miscellaneous Parts | | | | | | |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | GBW-24B | 1 | Band, Cover | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | |
| Comm. End Head Assembly & Parts Used With | | | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| GFL-2002B | 1 | Head Assy., Comm. End | † BRUSH SET, SERVICE GFL-2012S. | | | | | | |
| GAR-73 | 1 | Wick, Felt | NOTE: - VRV-4103A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | | | | | |
| GAR-98A | 1 | Cover, Wick | <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="text-align: center;">UNIT</th> <th style="text-align: center;">APPLICATION</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">GFL-4811A</td> <td style="text-align: center;">Hobart Bros.</td> </tr> </tbody> </table> | | | UNIT | APPLICATION | GFL-4811A | Hobart Bros. |
| UNIT | APPLICATION | | | | | | | | |
| GFL-4811A | Hobart Bros. | | | | | | | | |
| GBW-69 | 1 | Gasket, C.E. Cover | | | | | | | |
| GBW-72 | 1 | Oil Guard | | | | | | | |
| GBW-73 | 1 | Gasket, Oil Guard | | | | | | | |
| GBW-1068 | 1 | Cover, Comm. End | | | | | | | |
| GDZ-1002A | 1 | Head Assy., Partial, C.E. | | | | | | | |
| GBF-79 | 1 | BEARING, ABS. BRONZE | | | | | | | |
| GBW-45 | 2 | Spring, Brush | | | | | | | |
| GCJ-26 | 2 | Arm, Brush | | | | | | | |
| GFL-1012 † | 2 | Brush | | | | | | | |
| X-195 | 4 | Lockwasher, Cover Sc., #8 | | | | | | | |

(Issued 6-28-49)

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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."

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFL-4812-1,A-1 GENERATOR PARTS LIST

GFL-4812-1,A-1

| 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 |
| (*) | 1 | Frame & Field Assy. | 8X-888 | 4 | Screw, Cover, Fill. Hd. #8-32x5/16 |
| GAA-32 | 2 | Washer, Ins., Term. Stud, Outer | 12X-195 | 2 | Lockwasher, Br. Lead Sc., #8 |
| GBW-34 | 1 | Washer, Ins., Field Term. Outer | 8X-305 | 2 | Screw, Br. Lead, Rd. Hd. #8-32x1/4 |
| GCT-25 | 2 | Bushing, Ins., Term. Stud | Armature Assembly & Parts Used With | | |
| GCY-25 | 1 | Bushing, Ins., Field Term. | GAL-310 | 1 | Spacer, Arm. Shaft, D.E. |
| GDZ-54 | 1 | Insulation, Term. Stud, Inner | GFL-2097F | 1 | ARMATURE |
| * | 1 | Bracket, Gen. Mtg. | GFY-38 | 1 | Washer, Plain, Arm. Shaft, D.E. |
| GFL-1005A | 1 | COIL ASSY., FIELD, COMPLETE | X-263 | 1 | Key, Woodruff, D.E., #8 |
| GEA-27 | 1 | Stud, Arm. Term., #14-24 | X-404 | 1 | Pin, Cotter, 3/32x1 |
| GEA-30B | 1 | Lead Assy. | X-835 | 1 | Nut, Arm. Shaft, D.E. |
| X-847 | 1 | Terminal | Drive End Head Assembly & Parts Used With | | |
| GEB-58 | 1 | Stud, Field Term., #10-32 | GDF-1028 | 1 | Head Assy., Drive End |
| GFL-1007 | 1 | Coil, Field, Left | DB-17 | 1 | Washer, Felt Retaining |
| GFL-1008A | 1 | Coil Assy., Field, Right | GAR-95 | 1 | Washer, Felt, Inner |
| GCT-33 | 1 | Lead Assy. | GBC-25 | 1 | Retainer, Felt Washer, Inner |
| GAA-27 | 1 | Stud, Arm. Term. #14-24 | GDF-28 | 1 | Head, Drive End |
| X-847 | 1 | Terminal | GG-164 | 1 | Washer, Felt, Outer |
| GK-38 | 2 | Screw, Pole Shoe | GX-9 | 1 | Retainer, Bearing |
| MN-21 | 2 | Pin, Dowel | X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| 8X-177 | 4 | Nut, Term. Stud, Hex. #14-24 | X-298 | 1 | BEARING, BALL, S.A.E. #204 |
| X-193 | 4 | Lockwasher, Term. Stud, #14 | 8X-311 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x3/8 |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | X-489 | 1 | Oiler |
| 8X-349 | 1 | Washer, Plain, Field Term. #10 | Miscellaneous Parts | | |
| 8X-361 | 2 | Washer, Plain, Term. Stud, 1/4 | GBW-24B | 1 | Band, Cover |
| * | 4 | Lockwasher, Brkt. Sc., 5/16 | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| * | 4 | Screw, Mtg. Bracket, Hex. Hd. 5/16-24x11/16 | † BRUSH SET, SERVICE GFL-2012S. | | |
| GY-20 | 2 | Bolt, Thru | * See table following parts list for part number applying to assembly wanted. | | |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | NOTE: - VRV-4004A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | |
| Comm. End Head Assembly & Parts Used With | | | Assembly No. Frame & Field Assy. Bracket | | |
| GFL-3090S | 1 | Head Assy., Comm. End | GFL-4812-1 | (GFL-3089) | GFL-34BS |
| GAR-73 | 1 | Wick, Felt | GFL-4812A-1 | (GFL-3089A) | None |
| GAR-98A | 1 | Cover, Wick | | | |
| GBW-69 | 1 | Gasket, C.E. Cover | | | |
| GBW-72 | 1 | Oil Guard | | | |
| GBW-73 | 1 | Gasket, Oil Guard | | | |
| GBW-1068 | 1 | Cover, Comm. End | | | |
| GDZ-1090AS | 1 | Head Assy., Partial, C.E. | | | |
| GBF-79 | 1 | BEARING, ABS. BRONZE | | | |
| GBW-45 | 2 | Spring, Brush | | | |
| GCJ-26 | 2 | Arm, Brush | | | |
| GFL-1012† | 2 | Brush | | | |
| 12X-195 | 4 | Lockwasher, Cover Sc., #8 | | | |

| UNIT | APPLICATION |
|-----------------|------------------|
| GFL-4812-1, A-1 | Venn Severin Co. |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFM-4801 GENERATOR PARTS LIST

GFM-4801

PRELIMINARY

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part | | | | |
|------------|----------|------------------------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| GFM-4A | 2 | Cover Screw | | | | |
| GFM-7 | 1 | Terminal Shield Cover | | | | |
| GFM-20 | 2 | Frame Screw | | | | |
| GFM-1015 | 1 | Terminal Shield Bracket | | | | |
| (GFM-2001) | 1 | Frame & Field Assy. | | | | |
| GAA-32 | 1 | Term. Post Top Ins. | | | | |
| GAU-45 | 1 | Field Connection Ins. | | | | |
| GBW-34 | 1 | Insulating Washer | | | | |
| GBW-66 | 1 | Term. Post Bottom Ins. | | | | |
| GBW-67 | 1 | Term. Post Bottom Ins. | | | | |
| GBY-38A | 2 | Pole Piece Screw (29-32" Long) | | | | |
| GDD-27 | 1 | Insulating Bushing | | | | |
| GDD-28 | 1 | Insulating Bushing | | | | |
| GFM-29 | 2 | Pole Piece | | | | |
| GFM-38 | 2 | Pole Piece Screw (1 7/16" Long) | | | | |
| GFM-1005 | 1 | FIELD COIL ASSY.-Comp. | | | | |
| GFM-1007 | 1 | Field Coil Assy.-Top | | | | |
| GFM-25 | 1 | Lead Assembly | | | | |
| GFM-26 | 1 | Terminal Post- (#14-24) | | | | |
| X-847 | 1 | Terminal | | | | |
| GFM-27 | 1 | Terminal Post - (#10-32) | | | | |
| GFM-1008 | 1 | Field Coil Assy.- Bottom | | | | |
| X-959 | 1 | Terminal | | | | |
| MN-21 | 2 | Dowel Pin | | | | |
| 8X-140 | 1 | #6-32 Hex. Nut | | | | |
| 8X-177 | 1 | #14-24 Hex. Nut | | | | |
| X-193 | 1 | #14 Lock Washer | | | | |
| X-194 | 1 | #6 Lock Washer | | | | |
| X-196 | 1 | #10 Lock Washer | | | | |
| 8X-349 | 1 | #10 Plain Washer | | | | |
| 8X-361 | 1 | 1/4 Plain Washer | | | | |
| 8X-1008 | 1 | #6-32x9/16 Rd. Hd. Sc. | | | | |
| 8X-1377 | 1 | #10-32 Hex. Nut | | | | |
| 8X-177 | 1 | #14-24 Hex. Nut | | | | |
| X-193 | 1 | #14 Lock Washer | | | | |
| X-196 | 4 | #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 | | | | |
| X-1521 | 2 | Pole Piece Screw | | | | |

Comm. End Head Assembly & Parts Used With

| | | | | | | |
|-----------|---|----------------------|---|---|---|---|
| GFM-18A | 1 | Brush Screw | | | | |
| GFM-2002 | 1 | Comm. End Head Assy. | | | | |
| GBY-25 | 2 | Brush Spring | | | | |
| GBY-34 | 2 | Brush Arm | | | | |
| GBY-1012† | 2 | Brush - Main | | | | |
| GFM-18A | 1 | Brush Screw | | | | |
| X-195 | 1 | #8 Lock Washer | | | | |
| X-195 | 1 | #8 Lock Washer | | | | |
| X-1637 | 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 |
| GFM-2006F | 1 | ARMATURE ASSEMBLY | | | | |
| GK-174 | 1 | 1/2 Plain Washer | | | | |
| SP-485 | * | Drive Pulley | | | | |
| SP-487 | * | Drive Pulley | | | | |
| X-156 | 1 | 1/2-20 Castellated Nut | | | | |
| X-261 | 1 | #6 Woodruff Key | | | | |
| X-404 | 1 | 3/32x1 Cotter Pin | | | | |

Drive End Head Assembly & Parts Used With

| | | | | | | |
|----------|---|------------------------|--|--|--|--|
| GFM-1003 | 1 | Drive End Head Assy. | | | | |
| GFM-3 | 1 | Drive End Head | | | | |
| GFM-9 | 1 | Bearing Retainer | | | | |
| GFM-17 | 3 | Bearing Retainer Screw | | | | |
| X-1636 | 1 | BALL BEARING | | | | |

Miscellaneous Parts

| | | | | | | |
|---------|---|-------------------|---|---|---|---|
| GCD-24B | 1 | Head Band | | | | |
| GFM-4 | 1 | Head Band Screw | | | | |
| X-794 | 1 | #10-32 Square Nut | | | | |
| | | 1 | 2 | 3 | 4 | 5 |

(Issued 12-3-41)

† Service BRUSH SET GCD-2012S.

* Use as required.

NOTE:- VRH-4105A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

| UNIT | APPLICATION |
|----------|----------------|
| GFM-4801 | Chrysler Corp. |
| | |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFP-4801A,B GENERATOR PARTS LIST

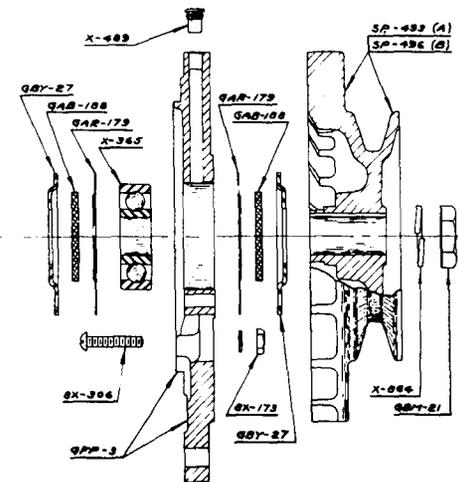
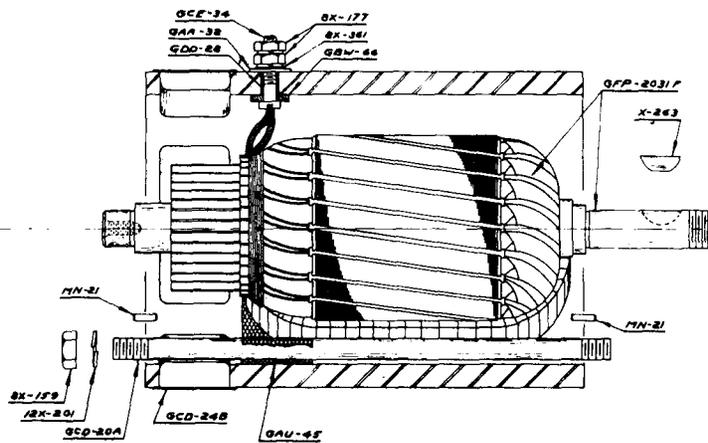
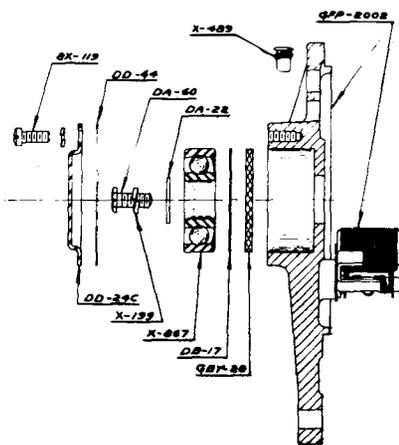
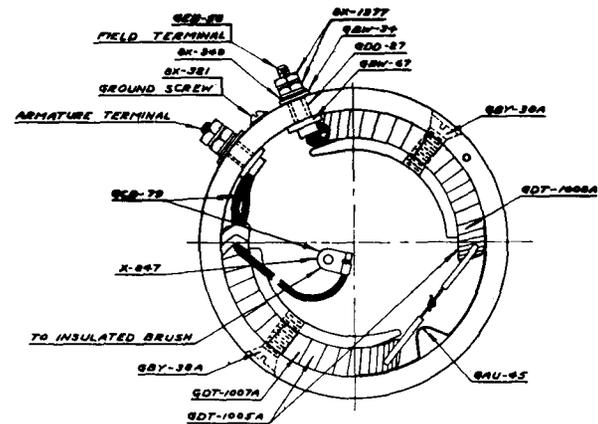
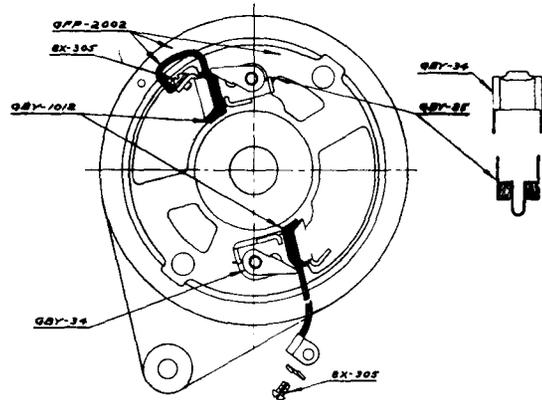
GFP-4801A,B

| Frame & Field Assembly & Parts Used With | | | | | Comm. End Head 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 | |
| GCD-20A | 2 | Bolt, Through | | | X-195 | 2 | Washer, Lock, Brush Lead, #8 | | |
| (GFP-2080) | 1 | Frame & Field Assy. | | | X-199 | 1 | Washer, Lock, Brg. Retaining Sc. | | |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | | | 8X-305 | 2 | Screw, Brush Lead, Rd. hd., #8-32x1/4 | | |
| GAU-45 | 1 | Insulation, Field Connection | | | X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 | | |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | | | 12X-544 | 3 | Washer, Lock, Cover Holding Sc. | | |
| GBW-66 | 1 | Insulation, Arm. Term., Inner | | | X-867 | 1 | Bearing, Ball, Shielded, S.A.E. #303 | | |
| GBW-67 | 1 | Insulation, Field Term., Inner | | | Armature Assembly & Parts Used With | | | | |
| GBY-38A | 4 | Screw, Pole Shoe | | | GBM-21 | 1 | Nut, Armature Shaft, Hex., .669-20 | | |
| GDD-27 | 1 | Bushing, Ins., Field Term. | | | GFP-2031F | 1 | Armature | | |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. | | | * | 1 | Pulley, Drive | | |
| GDT-1005A | 1 | Coil Assy., Field, Comp. | | | X-263 | 1 | Key, Woodruff, #8 | | |
| GDT-1007A | 1 | Coil Assy., Field, Left | | | X-864 | 1 | Washer, Lock, Arm. Shaft, .669 | | |
| GCD-79 | 1 | Lead Assy. | | | Drive End Head Assembly & Parts Used With | | | | |
| X-847 | 1 | Terminal | | | GFP-1003 | 1 | Head Assy., Drive End | | |
| GCE-34 | 1 | Stud, Arm. Term., #14-24 | | | GAB-188 | 2 | Washer, Felt | | |
| GDT-1008A | 1 | Coil Assy., Field, Right | | | GAR-179 | 2 | Retainer, Felt Washer | | |
| GEB-58 | 1 | Stud, Field Term., #10-32 | | | GBY-27 | 2 | Retainer, Bearing | | |
| MN-21 | 2 | Pin, Dowel, Head Locating | | | GFP-3 | 1 | Head | | |
| 8X-177 | 2 | Nut, Arm. Term., Hex., #14-24 | | | 8X-173 | 3 | Nut, Brg. Retainer, Hex., #10-32 | | |
| 12X-193 | 2 | Washer, Lock, Arm. Term., #14 | | | X-196 | 3 | Washer, Lock, Brg. Retainer, #10 | | |
| 12X-196 | 2 | Washer, Lock, Field Term., #10 | | | 8X-306 | 3 | Screw, Brg. Retainer, Rd. hd., #10-32x1 | | |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 | | | X-365 | 1 | Bearing, Ball, S.A.E. #303 | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 | | | X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 | | |
| 8X-1377 | 2 | Nut, Field Term., Hex., #10-32 | | | Miscellaneous Parts | | | | |
| 8X-159 | 2 | Nut, Through Bolt, Hex., 3/8-24 | | | GCD-24B | 1 | Band, Cover | | |
| 12X-196 | 1 | Washer, Lock, Ground Screw, #10 | | | 8X-715 | 1 | Screw, Cover Band, Rd. hd., #10-32x1 1/4 | | |
| 12X-201 | 2 | Washer, Lock, Thru Bolt, 3/8 | | | 8X-794 | 1 | Nut, Cover Band, Square, #10-32 | | |
| 8X-321 | 1 | Screw, Ground, Rd. hd., #10-32x5/16 | | | 1 2 3 4 5 | | | | |
| Comm. End Head Assembly & Parts Used With | | | | | (Issued 2-17-44) | | | | |
| DA-22 | 1 | Washer, Plain, Brg. Retaining | | | † Brush Set, Service, GCD-2012S. | | | | |
| DA-60 | 1 | Screw, Retaining, C.E. Brg. | | | * See table following parts list for part number applying to assembly wanted. | | | | |
| DB-17 | 1 | Washer, Plain, Felt Retaining | | | NOTE:- (*) Current-Voltage Regulator is used with but is not a part of this generator. | | | | |
| DD-24C | 1 | Cover, Comm. End | | | Assembly No. | Pulley, Drive | Regulator | | |
| DD-44 | 1 | Gasket, C.E. Cover | | | GFP-4801A | SP-493 | VRP-4004J | | |
| GBY-28 | 1 | Washer, Felt | | | GFP-4801B | SP-496 | VRP-4001G | | |
| GFP-2002 | 1 | Head Assy., Comm. End | | | | | | | |
| GBY-25 | 2 | Spring, Brush | | | | | | | |
| GBY-34 | 2 | Arm, Brush | | | | | | | |
| GBY-1012† | 2 | Brush | | | | | | | |
| 8X-119 | 3 | Screw, Attaching, Cover, Fil. Hd., #10-32x1/2 | | | | | | | |

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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

GFR-4806 GENERATOR PARTS LIST

GFR-4806

| Frame & Field Assembly & Parts Used With | | | Comm. End Head Assy. (Continued) | | |
|---|----------|--|---|----------|--|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part |
| (GFR-2170) | 1 | Frame & Field Assy. | GCE-40 | 2 | Washer, Felt Retaining |
| GBF-55 | 1 | Washer, Ins., Field Term., Outer | GDJ-23 | 1 | Washer, Spring |
| GBG-22 | 1 | Stud, Field Term., #10-32 | GDJ-24 | 1 | Washer, Felt |
| GBG-23 | 1 | Stud, Arm. Term., 5/16-24 | GDJ-27 | 1 | Gasket, C.E. Cover |
| GBG-27A | 1 | Lead Assy. | GDJ-63A | 1 | Cover, Comm. End |
| GBG-121A | 1 | Terminal, 2 Wire | GFR-2030 | 1 | Head Assy., Comm. End |
| X-1425 | 2 | Terminal | GBY-34 | 4 | Arm, Brush |
| GBG-30 | 1 | Insulation, Field Connection | GCE-53 | 4 | Spring, Brush |
| GBG-107S | 1 | Bracket, Mounting | GFR-1012 † | 4 | Brush |
| GCY-27 | 1 | Bushing, Ins., Field Term. | 8X-118 | 6 | Screw, C.E. Head, Fill. Hd. #10-32x3/4 |
| GCY-28 | 1 | Bushing, Ins., Arm. Term. | 8X-119 | 4 | Screw, Cover, Fill. Hd. #10-32x1/2 |
| GDJ-66 | 1 | Insulation, Term. Stud, Inner | 12X-195 | 4 | Lockwasher, Brush Lead Sc., #8 |
| GDJ-67 | 1 | Insulation, Term. Stud, Inner | 12X-196 | 10 | Lockwasher, Head & Cover Screw, #10 |
| GDJ-68 | 1 | Insulation, Field Term., Inner | 12X-199 | 1 | Lockwasher, Brg. Retaining Sc. 1/4 |
| GFR-44 | 8 | Screw, Pole Shoe | 8X-305 | 4 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| GFR-1005 | 1 | COIL ASSY., FIELD, COMPLETE | X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 |
| GFR-1007B | 1 | Coil Assy., Field, U.R. | X-1528 | 1 | BEARING, BALL, S.A.E. #205 |
| GBG-26 | 1 | Terminal | Armature Assembly & Parts Used With | | |
| GFR-1008 | 1 | Coil, Field, L. L. | GBG-49 | 1 | Spacer, Arm. Shaft, C.E. |
| GFR-1009 | 1 | Coil, Field, L. R. | GFR-56 | 1 | Spacer, Arm. Shaft, D.E. |
| GFR-1010 | 1 | Coil Assy., Field, U.L. | GFR-57 | 1 | Spacer, Arm. Shaft, Inner |
| X-1425 | 1 | Terminal | GFR-2106F | 1 | ARMATURE |
| SS-179 | 3 | Insulating Tube | SP-836 | 1 | Pulley, Drive |
| IGH-3076B | 2 | Condenser | X-405 | 1 | Pin, Cotter, 3/32x1 1/8 |
| MU-36 | 1 | Washer, Ins., Arm. Term., Outer | 12X-1018 | 1 | Lockwasher, Shaft, 5/8 |
| MU-37 | 1 | Washer, Plain, Arm. Term., 5/16 | 8X-1717 | 1 | Nut, Shaft, Castel. 5/8-18 |
| 8X-78 | 2 | Screw, Cond. Mtg., Flat Hd. #8-32x9/16 | Drive End Head Assembly & Parts Used With | | |
| 8X-183A | 1 | Washer, Plain, Field Term., #10 | GFR-1104 | 1 | Head Assy., Drive End |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GBG-50 | 1 | Gasket, Brg. Retainer |
| 12X-201 | 4 | Lockwasher, Mtg. Bracket Sc., 3/8 | GBG-57 | 1 | Retainer, Felt |
| 8X-465 | 4 | Screw, Mtg. Bracket, Hex. Hd. 3/8x24x3/4 | GBG-58 | 1 | Washer, Felt |
| 12X-1014 | 2 | Lockwasher, Arm. Term., 5/16 | GBG-1056 | 1 | Retainer Assy., Bearing |
| 8X-1376 | 2 | Nut, Arm. Term., Hex. 5/16-24 | GBG-56 | 1 | Retainer, Bearing |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | GBG-57 | 1 | Retainer, Felt Washer |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | GBG-58 | 1 | Washer, Felt |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x 5/16 | GFR-104 | 1 | Head |
| Comm. End Head Assembly & Parts Used With | | | 8X-119 | 4 | Screw, Brg. Retainer, Fill. Hd. #10-32x1/2 |
| DA-60 | 1 | Screw, Bearing Retaining | 12X-196 | 4 | Lockwasher, Retainer Sc., #10 |
| GBG-66 | 1 | Washer, Bearing Retaining Sc. | X-1699 | 1 | BEARING, BALL, S.A.E. #305 |
| | | | 8X-118 | 6 | Screw, D.E. Head, Fill. Hd. #10-32x3/4 |
| | | | X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 |
| | | | 12X-544 | 6 | Lockwasher, Head Screw, #10 |

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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

GFR-4806

| Part No. | <u>Miscellaneous Parts</u> | |
|-------------|----------------------------|--|
| | No. Used | Name of Part |
| GBG-24C | 1 | Band, Cover |
| 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| 8X-794 | 1 | Nut, Cover Band, Sq. #10-32 |

NOTE:- VAD-4109A CURRENT VOLTAGE
REGULATOR is used with but is not a part
of this generator.

† BRUSH SET, SERVICE GFR-2012S.

| UNIT | APPLICATION |
|----------|-------------------|
| GFR-4806 | Buda, Le Tourneau |

(Issued 8-16-48)

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complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFR-4807

Drive End Head Assy. (Continued)

| Part No. | No. Used | Name of Part |
|----------|----------|--|
| 8X-118 | 6 | Screw, D.E. Head, Fill. Hd. #10-32x3/4 |
| X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 |
| 12X-544 | 6 | Lockwasher, Head Sc., #10 |

Miscellaneous Parts

| | | |
|---------|---|---|
| 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 |

NOTE:- VAD-4109A CURRENT VOLTAGE REGULATOR is used with but is not a part of this generator.

† BRUSH SET, SERVICE GFR-2012S.

| UNIT | APPLICATION |
|----------|-------------------|
| GFR-4807 | Buda, Le Tourneau |

(Issued 8-17-48)

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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

GFR-4808A

| Part No. | <u>Miscellaneous Parts</u> | |
|-------------|----------------------------|--|
| | No. Used | Name of Part |
| GBG-24B | 1 | Band, Cover |
| 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1/2 |
| 8X-794 | 1 | Nut, Cover Band, Sq. #10-32 |

NOTE:- VAD-4109A or VAX-4001A CURRENT VOLTAGE REGULATOR is used with but is not a part of this generator.

† BRUSH SET, SERVICE GFR-2012S.

| UNIT | APPLICATION |
|-----------|-------------------|
| GFR-4808A | Buda, Le Tourneau |

(Issued 8-16-48)

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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

GFU-4105 GENERATOR PARTS LIST

GFU-4105

| 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 | |
| GAS-151 | 2 | Screw, Frame | | | | | 8X-61 | 1 | Screw, Bearing Retaining, Flat Hd. #10-32x7/16 | | | | | |
| (GFU-2050) | 1 | Frame & Field Assy. | | | | | X-63 | 3 | Screw, Cover, Flat Hd. #8-32x3/8 | | | | | |
| GAS-40 | 2 | Washer, Ins., Term. Stud, Inner | | | | | X-293 | 1 | Bearing, Ball, S.A.E. #201 | | | | | |
| GAS-41 | 2 | Bushing, Ins., Term. Stud | | | | | Armature Assembly & Parts Used With | | | | | | | |
| GAS-44 | 1 | Insulation, Field Connection | | | | | GAS-152A | 1 | Oil Thrower | | | | | |
| GAS-45 | 4 | Holder, Field Coil | | | | | GDE-2342 | 1 | Armature Assy. | | | | | |
| GBF-55 | 2 | Washer, Ins., Term. Stud, Outer | | | | | IA-158 | 1 | Snap Ring, C.E. | | | | | |
| GFU-1005A | 1 | Coil Assy., Field, Comp. | | | | | GDY-28A | 1 | Washer, Plain, Arm. Shaft, 7/16 | | | | | |
| GBF-36 | 2 | Post, Terminal, #10-32 | | | | | X-407 | 1 | Pin, Cotter, 3/32x3/4 | | | | | |
| GFU-30 | 1 | Lead Assy., Arm. Term.to Brush | | | | | X-1460A | 1 | Key, Woodruff, #212 | | | | | |
| X-1423 | 1 | Terminal | | | | | 10X-1581 | 1 | Nut, Shaft, Cast. 7/16-20 | | | | | |
| GFU-1007 | 1 | Coil, Left | | | | | Drive End Head Assembly & Parts Used With | | | | | | | |
| GFU-1008 | 1 | Coil, Right | | | | | GAS-1343S | 1 | Head Assy., Drive End | | | | | |
| MN-21 | 2 | Pin, Dowel | | | | | GAS-343S | 1 | Head | | | | | |
| MZ-38 | 2 | Screw, Pole Shoe | | | | | GAS-344 | 1 | Retainer, Bearing | | | | | |
| 12X-196 | 2 | Lockwasher, Field Term. Stud, #10 | | | | | GAS-345 | 1 | Gasket, Bearing Retainer | | | | | |
| X-1274 | 4 | Washer, Skpf., Term. Stud, #10 | | | | | GAS-347 | 1 | Gasket, Bearing Retainer | | | | | |
| 8X-1377 | 4 | Nut, Term. Stud, Hex., #10-32 | | | | | 8X-342 | 3 | Screw, Bearing Retainer Flat Hd. #10-32x7/8 | | | | | |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | | | | | X-1470 | 1 | Bearing Ball Shielded S.A.E. #202 | | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x 5/16 | | | | | XA-735 | 1 | Oil, Seal | | | | | |
| 12X-544 | 2 | Lockwasher, Thru Bolt, #10 | | | | | Miscellaneous Parts | | | | | | | |
| Comm. End Head Assembly & Parts Used With | | | | | | GFU-1024CS | 1 | Band, Head | | | | | | |
| GAS-69A | 1 | Cover, Comm. End | | | | | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | | |
| GAS-70 | 1 | Gasket, Cover, Comm. End | | | | | 8X-794 | 1 | Nut, Cover Band, Square #10-32 1 2 3 4 5 | | | | | |
| GAS-71 | 1 | Washer, Bearing Retaining | | | | | † Brush Set, Service GFF-1012S. | | | | | | | |
| GAS-77 | 1 | Washer, Felt | | | | | NOTE:- VRS-4010B Current-Voltage Regulator is used with but is not a part of this generator. | | | | | | | |
| GAS-78 | 1 | Retainer, Felt Washer | | | | | | | | | | | | |
| GFF-2031S | 1 | Head Assy., Comm. End | | | | | | | | | | | | |
| GFF-31S | 1 | Head | | | | | | | | | | | | |
| GFF-2021R | 1 | Plate Assy., Brush Holder | | | | | | | | | | | | |
| GAL-31 | 1 | Lead Assy., Ground | | | | | | | | | | | | |
| X-958 | 2 | Terminal | | | | | | | | | | | | |
| GAS-15 | 2 | Holder, Brush | | | | | | | | | | | | |
| GAS-17 | 1 | Spring, Brush, Grounded | | | | | | | | | | | | |
| GAS-18 | 1 | Spring, Brush, Insulated | | | | | | | | | | | | |
| GAS-1021R | 1 | Plate, Brush | | | | | | | | | | | | |
| GFF-12† | 2 | Brush | | | | | | | | | | | | |
| 8X-122 | 2 | Screw, Brush, Fil. Hd., #8-32x1/2 | | | | | | | | | | | | |
| X-1013 | 2 | Washer, Lock, Brush Sc., #8 | | | | | | | | | | | | |
| 8X-55 | 3 | Screw, Brush Plate, Rd. Hd., #8-32x3/8 | | | | | | | | | | | | |
| X-195 | 3 | Lockwasher, Brush Plate Sc. #8 | | | | | | | | | | | | |
| X-489 | 1 | Oiler, Press in Type, 1/4 | | | | | | | | | | | | |
| IA-175 | 1 | Washer, Felt Retaining Plate | | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | | | | | | |

| | |
|----------|-------------|
| Unit | Application |
| GFU-4105 | Aircooled |

(Issued 11-22-46)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFW-4801A,B GENERATOR PARTS LIST

GFW-4801A,B

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|------------|----------|------------------------------|
| (GFB-2058) | 1 | Frame & Field Assy. |
| GAL-44 | 1 | Insulation, Field Connection |
| GAR-211 | 1 | Bushing, Insulating |
| GFB-1005C | 1 | Coil Assy., Field, Comp. |
| GFB-1007 | 1 | Coil Assy., Field, Left |
| GAL-355 | 1 | Lead Assy. |
| X-755 | 1 | Terminal |
| X-976 | 1 | Terminal |
| X-976 | 1 | Terminal |
| GFB-1008C | 1 | Coil Assy., Field, Right |
| X-767 | 1 | Terminal |
| GK-38 | 2 | Screw, Pole Shoe |
| MN-21 | 2 | Pin, Dowel |
| GK-20A | 2 | Bolt, Thru |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 |

Comm. End Head Assembly & Parts Used With

| | | |
|------------|---|---------------------------------------|
| GCJ-2110A | 1 | Head Assy., Comm. End |
| GAR-73 | 1 | Wick, Felt |
| GAR-98A | 1 | Cover, Wick |
| GBW-69 | 1 | Gasket, Comm. End Cover |
| GBW-72 | 1 | Oil Guard |
| GBW-73 | 1 | Gasket, Oil Retaining |
| GBW-1068 | 1 | Cover, Comm. End |
| GCJ-51 | 1 | Spring, Retaining, 3rd Brush Plate |
| GCJ-1012 † | 2 | Brush, Main |
| GCJ-1013 † | 1 | Brush, Third |
| GCJ-1014 | 1 | Plate Assy., 3rd Brush |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1110A | 1 | Head Assy., Partial, C.E. |
| GBF-79 | 1 | Bearing, Absorbent Bronze |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1023R | 1 | Holder Assy., Brush, Grounded |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| X-195 | 2 | Lockwasher, #8 |
| 8X-304 | 2 | Screw, Rd. Hd. #8-32x5/16 |
| 12X-195 | 4 | Lockwasher, #8 |
| 8X-311 | 1 | Screw, Rd. Hd. #10-32x3/8 |
| 8X-888 | 4 | Screw, Fill. Hd. #8-32x5/16 |
| 12X-195 | 3 | Lockwasher, Brush Lead Sc., #8 |
| 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 |

Armature Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|----------|----------|--------------------------|
| GBM-21B | 1 | Nut, Shaft, Hex. .669-20 |
| GEY-2006 | 1 | Armature Assembly |
| GAR-171 | 1 | Snap Ring |
| GJ-104 | 1 | Spacer, Arm. Shaft |
| * | 1 | Pulley, Drive |
| X-260 | 1 | Key, Woodruff, #5 |
| 12X-864 | 1 | Lockwasher, Shaft, D.E. |

Drive End Head Assy. & Parts Used With

| | | |
|----------|---|-------------------------------|
| GAR-1252 | 1 | Head Assy., Drive End |
| GAM-34 | 1 | Retaining, Felt Washer, Outer |
| GAR-63 | 1 | Retainer, Felt Washer, Inner |
| GAR-64 | 1 | Retainer, Bearing |
| GAR-252 | 1 | Head |
| GG-164 | 2 | Washer, Felt |
| X-196 | 3 | Lockwasher, #10 |
| X-295 | 1 | Bearing, Ball, S.A.E. #203 |
| 8X-311 | 3 | Screw, Rd. Hd. #10-32x3/8 |
| X-489 | 1 | Oiler, Press in Type, 1/4 |

Miscellaneous Parts

| | | |
|------------|---|--|
| GBW-1024B | 1 | Cover, Band |
| TC-4303D-2 | 1 | Regulator, Two Charge |
| 12X-196 | 4 | Lockwasher, Regulator Mtg. Sc., #10 |
| 8X-321 | 4 | Screw, Regulator Mtg., Rd. Hd. #10-32x5/16 |
| 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1/2 |
| 8X-794 | 1 | Nut, Cover Band, Square #10-32 |

† Brush Set, Service GCJ-2012S.

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

| Assembly No. | Pulley |
|--------------|--------|
| GFW-4801A | SP-585 |
| GFW-4801B | SP-867 |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFW-4804 GENERATOR PARTS LIST

GFW-4804

| Frame & Field Assembly & Parts Used With | | |
|---|----------|---|
| Part No. | No. Used | Name of Part |
| (GFB-2056) | 1 | Frame & Field Assy. |
| GAG-125S | 1 | Bracket, Gen. Mtg. |
| GAL-44 | 1 | Insulation, Field Connection |
| GAR-211 | 1 | Bushing, Insulating |
| GFB-1005A | 1 | COIL ASSY., FIELD, COMPLETE |
| GFB-1007 | 1 | Coil Assy., Field, Left |
| GAL-355 | 1 | Lead Assembly |
| X-755 | 1 | Terminal |
| X-976 | 1 | Terminal |
| X-976 | 1 | Terminal |
| GFB-1008A | 1 | Coil Assy., Field, Right |
| X-767 | 1 | Terminal |
| GK-38 | 2 | Screw, Pole Shoe |
| MN-21 | 2 | Pin, Dowel |
| X-113 | 2 | Screw, Mtg. Bracket, Hex. Hd. 5/16-24x5/8 |
| X-200 | 2 | Lockwasher, Bracket Sc., 5/16 |
| GK-20A | 2 | Bolt, Thru |
| X-199 | 2 | Lockwasher, Thru Bolt, 1/4 |
| Comm. End Head Assembly & Parts Used With | | |
| GCJ-2086B | 1 | Head Assy., Comm. End |
| GAR-73 | 1 | Wick, Felt |
| GAR-98A | 1 | Cover, Wick |
| GBW-69 | 1 | Gasket, C.E. Cover |
| GBW-72 | 1 | Oil Guard |
| GBW-73 | 1 | Gasket, Oil Retaining |
| GBW-1068 | 1 | Cover, Comm. End |
| GCJ-51 | 1 | Spring, Retaining, 3rd Brush Plate |
| GCJ-1012† | 2 | Brush, Main |
| GCJ-1013† | 1 | Brush, Thrid |
| GCJ-1014 | 1 | Plate Assy., 3rd Brush |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1086C | 1 | Head Assy., Partial, C.E. |
| GBF-79 | 1 | BEARING, ABS. BRONZE |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1023R | 1 | Holder Assy., Brush, Grounded |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| X-195 | 2 | Lockwasher, Holder Sc., #8 |
| 8X-304 | 2 | Screw, Brush Holder, Rd. Hd. #8-32x5/16 |
| 12X-195 | 4 | Lockwasher, Cover Sc. #8 |

| Comm. End Head Assembly (Continued) | | |
|-------------------------------------|----------|---|
| Part No. | No. Used | Name of Part |
| 8X-311 | 1 | Screw, Retaining Spring, Rd. Hd. #10-32x3/8 |
| 8X-888 | 4 | Screw, C.E. Cover, Fill. Hd. #8-32x5/16 |
| X-195 | 3 | Lockwasher, Br. Lead Sc., #8 |
| 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 |

| Armature Assembly & Parts Used With | | |
|-------------------------------------|---|-------------------------------|
| GEY-2055 | 1 | ARMATURE ASSEMBLY |
| GAR-171 | 1 | Snap Ring |
| GJ-104 | 1 | Spacer, Arm. Shaft |
| GJ-179 | 1 | Washer, Arm. Shaft Plain |
| X-160 | 1 | Nut, Arm. Shaft, Hex. 7/16-20 |
| X-205 | 1 | Lockwasher, Arm. Shaft, 7/16 |
| X-261 | 1 | Key, Woodruff, #6 |

| Drive End Head Assembly & Parts Used With | | |
|---|---|--|
| GAL-1063B | 1 | Head Assy., Drive End |
| GAL-63A | 1 | Head, Drive End |
| GG-6 | 2 | Retainer, Bearing |
| GG-164 | 1 | Washer, Felt |
| GK-176 | 1 | Retainer, Felt Washer |
| 8X-173 | 3 | Nut, Retainer Sc., #10-32 |
| X-196 | 3 | Lockwasher, Retainer Screw, #10 |
| X-295 | 1 | BEARING, BALL, S.A.E. #203 |
| 8X-316 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x3/4 |
| X-489 | 1 | Oiler |

| Miscellaneous Parts | | |
|---------------------|---|---|
| GBW-1024B | 1 | Band, Cover |
| TC-4303D-2 | 1 | REGULATOR, TWO CHARGE |
| X-196 | 4 | Lockwasher, Reg. Mtg. Sc., #10 |
| 8X-321 | 4 | Screw, Reg. Mtg., Rd. Hd. #10-32x5/16 |
| 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| 8X-794 | 1 | Nut, Cover Band, Square #10-32 |

† BRUSH SET, SERVICE GCJ-2012S.

| UNIT | APPLICATION |
|----------|-------------|
| GFW-4804 | Buda |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFW-4805 GENERATOR PARTS LIST

GFW-4805
(Issued 6-27-51)

| Frame & Field Assembly & Parts Used With | | | Comm. End Head Assembly & Parts (Cont.) | | | | | | |
|--|-------------|---|---|----------|---|------|-------------|----------|-------------|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part | | | | |
| (GFB-2037) | 1 | Frame & Field Assy. | X-195 | 4 | Lockwasher, Cover Screw #8 | | | | |
| GAL-44 | 1 | Insulation, Field Conn. | 8X-311 | 1 | Screw, Retaining Spring, Rd. Hd. #10-32x3/8 | | | | |
| GAR-211 | 1 | Bushing, Insulating | 8X-888 | 4 | Screw, C.E. Cover, Fill. Hd., #8-32x5/16 | | | | |
| GFB-1005 | 1 | COIL ASSY., FIELD, COMP. | X-195 | 3 | Lockwasher, Brush Lead Sc. #8 | | | | |
| GFB-1007 | 1 | Coil Assy., Field, Left | 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 | | | | |
| GAL-355 | 1 | Lead Assy. | <u>Armature Assembly & Parts Used With</u> | | | | | | |
| X-755 | 1 | Terminal | GBM-21B | 1 | Nut, Armature Shaft | | | | |
| X-1425 | 1 | Terminal | GEY-2006 | 1 | ARMATURE ASSEMBLY | | | | |
| X-976 | 1 | Terminal | GAR-171 | 1 | Snap Ring | | | | |
| GFB-1008 | 1 | Coil Assy., Field, Right | GJ-104 | 1 | Spacer, Arm. Shaft | | | | |
| X-959 | 1 | Terminal | X-260 | 1 | Key, Woodruff, #5 | | | | |
| GK-38 | 2 | Screw, Pole Shoe | X-864 | 1 | Washer, Lock, .669 | | | | |
| MN-21 | 2 | Pin, Dowel | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | |
| 8X-140 | 1 | Nut, Field Ground, Hex., #6-32 | GAM-1110S | 1 | Head Assy., Drive End | | | | |
| X-194 | 1 | Washer, Lock, Field Ground, #6 | GAM-34A | 1 | Retainer, Felt Washer, Outer | | | | |
| 8X-1008 | 1 | Screw, Field Ground, Rd. Hd. #6-32x9/16 | GAM-110A | 1 | Head, Drive End | | | | |
| GT-20A | 2 | Bolt, Thru | GAR-63 | 1 | Retainer, Felt Washer, Inner | | | | |
| X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | GAR-64 | 1 | Retainer, Bearing | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | GG-164 | 2 | Washer, Felt | | | | |
| GCJ-2087AS | 1 | Head Assy., Comm. End | X-196 | 3 | Washer, Lock, #10 | | | | |
| GAR-73 | 1 | Wick, Felt | 8X-311 | 3 | Screw, Rd. Hd., #10-32x3/8 | | | | |
| GAR-98A | 1 | Cover, Wick | X-441 | 1 | BEARING, BALL, SHIELDED, S.A.E. #203 | | | | |
| GBW-69 | 1 | Gasket, Comm. End Cover | X-489 | 1 | Oiler | | | | |
| GBW-72 | 1 | Oil Guard | <u>Miscellaneous Parts</u> | | | | | | |
| GBW-73 | 1 | Gasket, Oil Retaining | GBW-1024B | 1 | Band, Cover | | | | |
| GBW-1068 | 1 | Cover, Comm. End | RA-4002 | 1 | RELAY, CUT-OUT, ASSY. | | | | |
| GCJ-51 | 1 | Spring, Retaining, 3rd Brush Plate | CB-123 | 1 | Spring, Armature | | | | |
| GCJ-1012† | 2 | Brush, Main | CB-160S | 1 | Cover | | | | |
| GCJ-1013† | 1 | Brush, Third | PX-55 | 1 | Screw, Bdg. Hd., #10-32x3/16 | | | | |
| GCJ-1014 | 1 | Plate Assy., 3rd. Brush | X-196 | 2 | Washer, Lock, #10 | | | | |
| GBW-45 | 1 | Spring, Brush | 8X-312 | 1 | Screw, Rd. Hd., #10-32x1/4 | | | | |
| GCJ-26 | 1 | Arm, Brush | X-196 | 2 | Lockwasher, Cut-Out Relay Mtg., #10 | | | | |
| GCJ-1087AS | 1 | Head Assy., Partial, C.E. | 8X-321 | 2 | Screw, Mtg., Cut-Out Relay, Rd. Hd. #10-32x5/16 | | | | |
| GBF-79 | 1 | BEARING, ABSORBENT BRONZE | X-714 | 1 | Screw, Cover Band, Rd. Hd., #10-32x1 1/2 | | | | |
| GBW-45 | 1 | Spring, Brush | 8X-794 | 1 | Nut, Cover Band, Square, #10-32 | | | | |
| GCJ-26 | 1 | Arm, Brush | † BRUSH SET, SERVICE GCJ-2012S. | | | | | | |
| GCJ-1023R | 1 | Holder Assy., Brush, Grounded | <table border="1"> <tr> <td>UNIT</td> <td>APPLICATION</td> </tr> <tr> <td>GFW-4805</td> <td>Continental</td> </tr> </table> | | | UNIT | APPLICATION | GFW-4805 | Continental |
| UNIT | APPLICATION | | | | | | | | |
| GFW-4805 | Continental | | | | | | | | |
| GBW-45 | 1 | Spring, Brush | | | | | | | |
| GCJ-26 | 1 | Arm, Brush | | | | | | | |
| X-195 | 2 | Lockwasher, Brush Holder Sc. #8 | | | | | | | |
| 8X-304 | 2 | Screw, Brush Holder, Rd. Hd. #8-32x5/16 | | | | | | | |

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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

GFW-4807 GENERATOR PARTS LIST

GFW-4807

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|------------|----------|--------------------------------------|
| (GFB-3061) | 1 | Frame & Field Assy. |
| GAG-125S | 1 | Bracket, Gen. Mtg. |
| GAL-44 | 1 | Insulation, Field Connection |
| GAR-211 | 1 | Bushing, Insulating |
| GFB-2005B | 1 | Coil Assy., Field, Comp. |
| GFB-2007 | 1 | Coil Assy., Field, Left |
| X-976 | 1 | Terminal |
| GFB-2008A | 1 | Coil Assy., Field, Right |
| GAL-355 | 1 | Lead Assy. |
| X-755 | 1 | Terminal |
| X-976 | 1 | Terminal |
| X-767 | 1 | Terminal |
| GK-38 | 2 | Screw, Pole Shoe |
| MN-21 | 2 | Pin, Dowel |
| X-113 | 2 | Screw, Bracket, Hex. Hd. 5/16-24x5/8 |
| X-200 | 2 | Lockwasher, Bracket Sc., 5/16 |
| GK-20A | 2 | Bolt, Thru |
| X-199 | 2 | Lockwasher, Thru Bolt, 1/4 |

Comm. End Head Assembly & Parts Used With

| | | |
|-----------|---|--|
| GCJ-3085B | 1 | Head Assy., Comm. End |
| GAR-73 | 1 | Wick, Felt |
| GAR-98A | 1 | Cover, Wick |
| GBW-69 | 1 | Gasket, C.E. Cover |
| GBW-72 | 1 | Oil Guard |
| GBW-73 | 1 | Gasket, Oil Guard |
| GBW-1068 | 1 | Cover, Comm. End |
| GCJ-51 | 1 | Spring, Retaining, 3rd. Brush Plate |
| GCJ-1012† | 2 | Brush, Main |
| GCJ-1013† | 1 | Brush, Third |
| GCJ-1014L | 1 | Plate Assy., 3rd Brush |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1085C | 1 | Head Assy., Partial, C.E. |
| GBF-79 | 1 | Bearing, Absorbent Bronze |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1023L | 1 | Holder Assy., Brush, Grounded |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| X-195 | 2 | Lockwasher, #8 |
| 8X-304 | 2 | Screw, Rd. Hd. #8-32x5/16 |
| 12X-195 | 4 | Lockwasher, Cover Sc., #8 |
| 8X-311 | 1 | Screw, Plate Retaining, Rd. Hd. #10-32x3/8 |
| 8X-888 | 4 | Screw, Cover, Fill. Hd. #8-32x5/16 |
| X-195 | 3 | Lockwasher, Brush Lead Sc., #8 |

Comm. End Head Assembly (Continued)

| Part No. | No. Used | Name of Part |
|----------|----------|---------------------------------------|
| 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 |

Armature Assembly & Parts Used With

| | | |
|----------|---|---------------------------|
| GEY-2055 | 1 | Armature Assy. |
| GAR-171 | 1 | Snap Ring |
| GJ-104 | 1 | Spacer, Arm. Shaft |
| GJ-179 | 1 | Washer, Arm. Shaft, Plain |
| X-160 | 1 | Nut, Shaft, Hex. 7/16-20 |
| X-205 | 1 | Lockwasher, Shaft, 7/16 |
| X-261 | 1 | Key, Woodruff, #6 |

Drive End Head Assy. & Parts Used With

| | | |
|-----------|---|-------------------------------------|
| GCZ-1003A | 1 | Head Assy., Drive End |
| GCZ-3A | 1 | Head |
| GG-6 | 2 | Retainer, Bearing |
| GG-164 | 1 | Washer, Felt |
| GK-176 | 1 | Retainer, Felt Washer |
| 8X-173 | 3 | Nut, Retainer Screw, Hex. #10-32 |
| X-196 | 3 | Lockwasher, Retainer Screw, #10 |
| X-295 | 1 | Bearing, Ball, S.A.E. #203 |
| 8X-316 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/4 |
| X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 |

Miscellaneous Parts

| | | |
|------------|---|--|
| GBW-1024B | 1 | Band, Cover |
| TC-4303D-2 | 1 | Regulator, Two Charge |
| X-196 | 4 | Lockwasher, Regulator Mtg. Sc., #10 |
| 8X-321 | 4 | Screw, Regulator Mtg., Rd. Hd. #10-32x5/16 |
| 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| 8X-794 | 1 | Nut, Cover Band, Square #10-32 |

† Brush Set, Service GCJ-2012S.

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

| UNIT | APPLICATION |
|----------|-------------|
| GFW-4807 | Buda |

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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

GFW-4809,P GENERATOR PARTS LIST

GFW-4809,P

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|------------|----------|------------------------------|
| (GFB-2052) | 1 | Frame & Field Assy. |
| GAL-44 | 1 | Insulation, Field Connection |
| GAR-211 | 1 | Bushing, Insulating |
| GFB-1005A | 1 | COIL ASSY., FIELD, COMP. |
| GFB-1007 | 1 | Coil Assy., Field, Left |
| GAL-355 | 1 | Lead Assembly |
| X-755 | 1 | Terminal |
| X-976 | 1 | Terminal |
| X-976 | 1 | Terminal |
| GFB-1008A | 1 | Coil Assy., Field, Right |
| X-767 | 1 | Terminal |
| GK-38 | 2 | Screw, Pole Shoe |
| MN-21 | 2 | Pin, Dowel |
| GT-20A | 2 | Bolt, Thru |
| 12X-199 | 2 | Lockwasher, 1/4 |

Comm. End Head Assembly & Parts Used With

| | | |
|-----------|---|--|
| GCJ-2086B | 1 | Head Assy., Comm. End |
| GAR-73 | 1 | Wick, Felt |
| GAR-98A | 1 | Cover, Wick |
| GBW-69 | 1 | Gasket, C.E. Cover |
| GBW-72 | 1 | Oil Guard |
| GBW-73 | 1 | Gasket, Oil Retaining |
| GBW-1068 | 1 | Cover, Comm. End |
| GCJ-51 | 1 | Spring, Retaining, 3rd Brush Plate |
| GCJ-1012† | 2 | Brush, Main |
| GCJ-1013† | 1 | Brush, Third |
| GCJ-1014 | 1 | Plate Assy., 3rd. Brush |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1086C | 1 | Head Assy., Partial, C.E. |
| GBF-79 | 1 | BEARING, ABS. BRONZE |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1023R | 1 | Holder Assy., Brush, Grounded |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| X-195 | 2 | Lockwasher, Holder Sc., #8 |
| 8X-304 | 2 | Screw, Brush Holder, Rd. Hd. #8-32x5/16 |
| 12X-195 | 4 | Lockwasher, Cover Sc., #8 |
| 8X-311 | 1 | Screw, Retaining Spring, Rd. Hd. #10-32x3/8 |
| 8X-888 | 4 | Screw, C.E. Cover, Fill. Hd. #8-32x5/16 |
| 12X-195 | 3 | Lockwasher, Brush Lead Sc., #8 |
| 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 |

Armature Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|----------|----------|----------------------------|
| DG-1144 | 1 | Oil, Thrower |
| GEY-2106 | 1 | ARMATURE |
| X-157 | 1 | Nut, Shaft, Slotted 1/2-20 |
| X-263 | 1 | Key, Woodruff, #8 |
| X-358 | 1 | Washer, Shaft, Plain 1/2 |
| X-404 | 1 | Pin, Cotter, 3/32x1 |

Drive End Head Assy. & Parts Used With

| | | |
|----------|---|---|
| GAR-1192 | 1 | Head Assy., Drive End |
| GAE-47 | 1 | Retainer, Bearing |
| GAR-192 | 1 | Head, Drive End |
| 8X-66 | 3 | Screw, Retainer, Flat Hd. #10-32x1/2 |
| X-378 | 1 | BEARING, BALL, SHIELDED, S.A.E. #204 |
| X-1621 | 3 | Washer, Retainer Sc., Skpf., #10 |

Miscellaneous Parts

| | | |
|------------|---|---|
| GBW-1024P | 1 | Band, Cover |
| TC-4303D-2 | 1 | REGULATOR, TWO CHARGE |
| 12X-196 | 4 | Lockwasher, Regulator Mtg. Sc., #10 |
| 8X-321 | 4 | Screw, Regulator Mtg., Rd. Hd. #10-32x5/16 |
| 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| 8X-794 | 1 | Nut, Cover Band, Square #10-32 |

† BRUSH SET, SERVICE GCJ-2012S.

| UNIT | APPLICATION |
|-----------|----------------------------------|
| GFW-4809 | Hercules, Plymouth Locomotive |
| GFW-4809P | Plymouth Locomotive |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFW-4810 GENERATOR PARTS LIST

GFW-4810

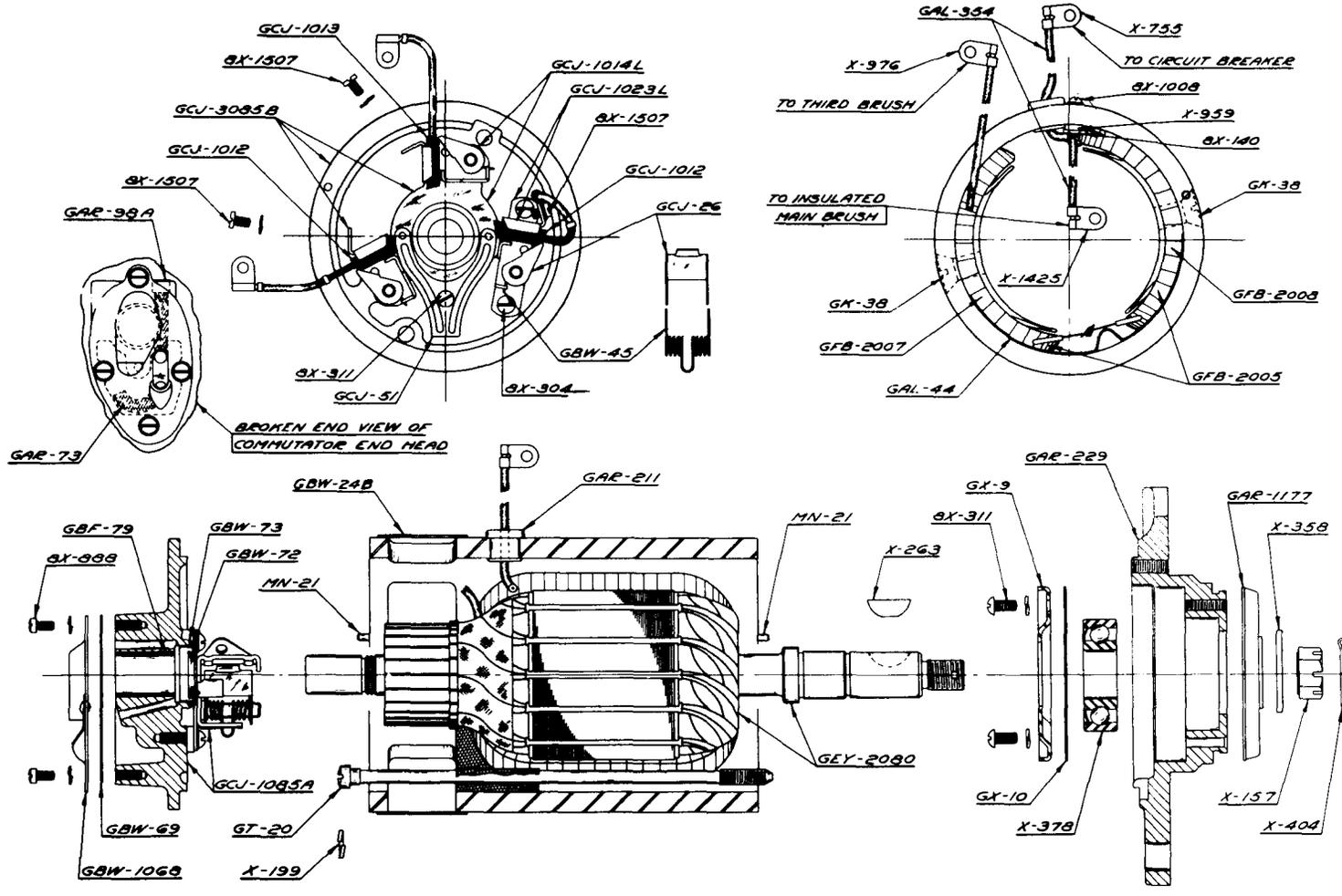
| Frame & Field Assembly & Parts Used With | | | | | Armature Assembly & Parts Used With | | | | | | | | | |
|--|----------|--|---|---|-------------------------------------|-----------|--|--|---|---|---|---|---|--|
| Part No. | No. Used | Name of Part | | | | | Part No. | No. Used | Name of Part | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | 1 | 2 | 3 | 4 | 5 | |
| (GFB-3067) | 1 | Frame & Field Assy. | | | | | GAR-1177 | 1 | Oil Thrower | | | | | |
| GAL-44 | 1 | Insulation, Field Connection | | | | | GEY-2080 | 1 | Armature | | | | | |
| GAR-211 | 1 | Bushing, Insulating | | | | | X-157 | 1 | Nut, Armature Shaft, Hex., 1/2-20 | | | | | |
| GFB-2005 | 1 | Coil Assy., Field, Comp. | | | | | X-263 | 1 | Key, Woodruff, #8 | | | | | |
| GFB-2007 | 1 | Coil Assy., Field, Left | | | | | X-358 | 1 | Washer, Plain, Arm. Shaft, 1/2 | | | | | |
| X-976 | 1 | Terminal | | | | | X-404 | 1 | Pin, Cotter, 3/32x1 | | | | | |
| GFB-2008 | 1 | Coil Assy., Field, Right | | | | | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | | |
| GAL-354 | 1 | Lead Assy. | | | | | GAR-1229 | 1 | Head Assy., Drive End | | | | | |
| X-755 | 1 | Terminal | | | | | GAR-229 | 1 | Head, Drive End | | | | | |
| X-1425 | 1 | Terminal | | | | | GX-9 | 1 | Retainer, Bearing | | | | | |
| X-959 | 1 | Terminal | | | | | GX-10 | 1 | Gasket, Retainer | | | | | |
| GK-38 | 2 | Screw, Pole Shoe | | | | | X-196 | 3 | Washer, Lock, Retainer Screw, #10 | | | | | |
| MN-21 | 2 | Pin, Dowel, Head Locating | | | | | 8X-311 | 3 | Screw, Retainer, Rd. hd., #10-32x3/8 | | | | | |
| 8X-140 | 1 | Nut, Field Ground, Hex., #6-32 | | | | | X-378 | 1 | Bearing, Ball, Shielded, S.A.E. #204 | | | | | |
| X-194 | 1 | Washer, Lock, Field Ground, #6 | | | | | <u>Miscellaneous Parts</u> | | | | | | | |
| 8X-1008 | 1 | Screw, Field Ground, Rd. hd., #6-32x9/16 | | | | | CB-4013 | 1 | Relay Assy., Cutout | | | | | |
| GT-20 | 2 | Bolt, Thru | | | | | CB-123 | 1 | Spring, Armature | | | | | |
| X-199 | 2 | Washer, Lock, Thru Bolt, 1/4 | | | | | CB-160S | 1 | Cover | | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | | | | PX-55 | 1 | Screw, Arm. Term., Bdg. hd., #10-32x3/16 | | | | | | |
| (GCJ-3085B) | 1 | Head Assy., Comm. End | | | | | X-196 | 2 | Washer, Lock, Term. Sc., #10 | | | | | |
| GAR-73 | 1 | Wick, Felt | | | | | 8X-312 | 1 | Screw, Bat. Term., Rd. hd., #10-32x1/4 | | | | | |
| GAR-98A | 1 | Cover, Wick | | | | | GBW-24B | 1 | Band, Cover | | | | | |
| GBW-69 | 1 | Gasket, Comm. End Cover | | | | | X-196 | 2 | Washer, Lock, Cutout Relay Mtg., #10 | | | | | |
| GBW-72 | 1 | Oil Guard | | | | | 8X-321 | 2 | Screw, Mtg., Cutout Relay, Rd. hd., #10-32x5/16 | | | | | |
| GBW-73 | 1 | Gasket, Oil Guard | | | | | 8X-715 | 1 | Screw, Cover Band, Rd. hd., #10-32x1 1/4 | | | | | |
| GBW-1068 | 1 | Cover, Comm. End | | | | | 8X-794 | 1 | Nut, Cover Band, Square, #10-32 | | | | | |
| GCJ-51 | 1 | Spring, Retaining, 3rd. | | | | | 1 2 3 4 5 | | | | | | | |
| | | Brush Plate | | | | | (Issued 5-17-44) | | | | | | | |
| GCJ-1012‡ | 2 | Brush, Main | | | | | | | | | | | | |
| GCJ-1013‡ | 1 | Brush, Third | | | | | | | | | | | | |
| GCJ-1014L | 1 | Plate Assy., 3rd. Brush | | | | | | | | | | | | |
| GBW-45 | 1 | Spring, Brush | | | | | | | | | | | | |
| GCJ-26 | 1 | Arm, Brush | | | | | | | | | | | | |
| GCJ-1085A | 1 | Head Assy., Partial, C.E. | | | | | | | | | | | | |
| GBF-79 | 1 | Bearing, Absorbent Bronze | | | | | | | | | | | | |
| GBW-45 | 1 | Spring, Ins. Brush | | | | | | | | | | | | |
| GCJ-26 | 1 | Arm, Ins. Brush | | | | | | | | | | | | |
| GCJ-1023L | 1 | Holder Assy., Brush Grounded | | | | | | | | | | | | |
| GBW-45 | 1 | Spring, Brush | | | | | | | | | | | | |
| GCJ-26 | 1 | Arm, Brush | | | | | | | | | | | | |
| X-195 | 2 | Washer, Lock, Holder Screw, #8 | | | | | | | | | | | | |
| 8X-304 | 2 | Screw, Holder Attaching, Rd. hd., #8-32x5/16 | | | | | | | | | | | | |
| X-195 | 4 | Washer, Lock, Cover Sc., #8 | | | | | | | | | | | | |
| 8X-311 | 1 | Screw, Plate Retaining, Rd. hd., #10-32x3/8 | | | | | | | | | | | | |
| 8X-888 | 4 | Screw, Cover Attaching, Fil. hd., #8-32x5/16 | | | | | | | | | | | | |
| X-195 | 3 | Washer, Lock, Brush Lead, #8 | | | | | | | | | | | | |
| 8X-1507 | 3 | Screw, Brush Lead. Bdg. hd., #8-32x1/4 | | | | | | | | | | | | |
| | | | | | | 1 2 3 4 5 | | | | | | | | |

‡ Brush Set, Service, 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."

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GFW-4810 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFW-4813-1 GENERATOR PARTS LIST

GFW-4813-1

| 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 | | | | |
| (GFB-2054) | 1 | Frame & Field Assy. | 8X-726 | 3 | Screw, C.E. Cover Bdg. Hd. #10-32x7/16 | | | | |
| GAL-44 | 1 | Insulation, Field Connection | X-1270 | 3 | Washer, C.E. Cover, Skpf. #10 | | | | |
| GAR-211 | 1 | Bushing, Insulating | 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 | | | | |
| GFB-1005A | 1 | COIL ASSY., FIELD, COMP. | X-1621 | 3 | Washer, Air Deflector, Skpf. #10 | | | | |
| GFB-1007 | 1 | Coil Assy., Field, Left | <u>Armature Assembly & Parts Used With</u> | | | | | | |
| GAL-355 | 1 | Lead Assy. | DG-1144 | 1 | Oil Thrower | | | | |
| X-755 | 1 | Terminal | GBM-21B | 1 | Nut, Armature Shaft | | | | |
| X-1425 | 1 | Terminal | GEY-2048 | 1 | ARMA TURE ASSY. | | | | |
| X-976 | 1 | Terminal | GAR-171 | 1 | Snap Ring | | | | |
| GFB-1008A | 1 | Coil Assy., Field, Right | SP-96C | 1 | Fan Ventilating | | | | |
| X-767 | 1 | Terminal | X-157 | 1 | Nut, Shaft, D.E., Slotted 1/2-20 | | | | |
| GK-38 | 2 | Screw, Pole Piece | X-258 | 1 | Key, Woodruff, C.E., #3 | | | | |
| MN-21 | 2 | Pin, Dowel | X-263 | 1 | Key, Woodruff, D.E., #8 | | | | |
| GT-20A | 2 | Bolt, Thru | X-358 | 1 | Washer, Shaft, Plain 1/2 | | | | |
| X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | X-404 | 1 | Pin, Cotter, 3/32x1 | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | X-864 | 1 | Lockwasher, Shaft, C.E. | | | | |
| DA-39 | 2 | Washer, Plain Felt Retaining | <u>Drive End Head Assy. & Parts Used With</u> | | | | | | |
| DA-132 | 1 | Washer, Felt | GAR-1192C | 1 | Head Assy., Drive End | | | | |
| GAB-188 | 1 | Washer, Felt | GAE-47 | 1 | Retainer, Bearing | | | | |
| GAR-82 | 1 | Deflector, Air | GAR-192C | 1 | Head | | | | |
| GAR-83A | 1 | Cover, Comm. End | 8X-66 | 3 | Screw, Bearing Retainer, Flat Hd. #10-32x1/2 | | | | |
| GBJ-25 | 1 | Gasket, C.E. Cover | X-378 | 1 | BEARING, BALL, SHIELDED S.A.E. #204 | | | | |
| GCJ-2108 | 1 | Head Assy., Comm. End | X-1621 | 3 | Washer, Skpf. Retainer Sc. #10 | | | | |
| GCJ-51 | 1 | Spring, Retaining, 3rd Brush Plate | <u>Miscellaneous Parts</u> | | | | | | |
| GCJ-1012 † | 2 | Brush, Main | GBW-1024B | 1 | Band, Cover | | | | |
| GCJ-1013 † | 1 | Brush, Third | TC-4310A | 1 | REGULATOR, TWO CHARGE | | | | |
| GCJ-1014 | 1 | Plate Assy., 3rd Brush | X-196 | 4 | Lockwasher, Regulator Mtg., #10 | | | | |
| GBW-45 | 1 | Spring, Brush | 8X-321 | 4 | Screw, Regulator Mtg., Rd. Hd. #10-32x5/16 | | | | |
| GCJ-26 | 1 | Arm, Brush | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | |
| GCJ-1108 | 1 | Head Assy., Partial, C.E. | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| GBW-45 | 1 | Spring, Brush | † BRUSH SET, SERVICE GCJ-2012S. | | | | | | |
| GCJ-26 | 1 | Arm, Brush | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">UNIT</th> <th style="width: 50%;">APPLICATION</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">GFW-4813-1</td> <td style="text-align: center;">Young Engine</td> </tr> </tbody> </table> | | | UNIT | APPLICATION | GFW-4813-1 | Young Engine |
| UNIT | APPLICATION | | | | | | | | |
| GFW-4813-1 | Young Engine | | | | | | | | |
| 8X-304 | 2 | Washer, Lock, #8 Screw, Rd. Hd., #8-32x5/16 | | | | | | | |
| 8X-311 | 1 | Screw, Retainer Rd. Hd., #10-32x3/8 | | | | | | | |
| GR-32 | 1 | Retainer, Felt Washer | | | | | | | |
| 8X-66 | 3 | Screw, Air Deflector, Flat Hd. #10-32x1/2 | | | | | | | |
| X-195 | 3 | Lockwasher, Brush Lead Sc. #8 | | | | | | | |
| X-235 | 1 | BEARING, BALL, S.A.E. #203 | | | | | | | |
| X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 | | | | | | | |

(Issued 8-25-48)

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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

GFW-4814A-1,B-1 GENERATOR PARTS LIST

GFW-4814A-1,B-1

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|------------|----------|--|
| GCM-86* | 1 | Bracket, Mounting, Generator |
| (GFB-2065) | 1 | Frame & Field Assy. |
| GAL-44 | 1 | Insulation Field, Connection |
| GAR-211 | 1 | Bushing, Insulating |
| GFB-1005A | 1 | COIL ASSY., FIELD, COMP. |
| GFB-1007 | 1 | Coil Assy., Field, Left |
| GAL-355 | 1 | Lead Assy. |
| X-755 | 1 | Terminal |
| X-976 | 1 | Terminal |
| X-976 | 1 | Terminal |
| GFB-1008A | 1 | Coil Assy., Field, Right |
| X-767 | 1 | Terminal |
| GK-38 | 2 | Screw, Pole Shoe |
| MN-21 | 2 | Pin, Dowel |
| GK-20 | 2 | Bolt, Thru |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 |
| X-402* | 2 | Pin, Cotter, Bracket Screw, 1/16x3/4 |
| 8X-863A* | 2 | Cap Screw, Hex. Head 5/16-24x1 1/4 |
| 12X-1014* | 2 | Lockwasher, Mtg. Bracket Screw, 5/16 |
| 8X-1061* | 2 | Nut, Mtg. Bracket Sc., Castellated 5/16-24 |

Comm. End Head Assembly & Parts Used With

| | | |
|------------|---|------------------------------------|
| GCJ-2107AS | 1 | Head Assy., Comm. End |
| GAR-73 | 1 | Wick, Felt |
| GAR-98A | 1 | Cover, Wick |
| GBW-69 | 1 | Gasket, Comm. End Cover |
| GBW-72 | 1 | Oil Guard |
| GBW-73 | 1 | Gasket, Oil Retaining |
| GBW-1068 | 1 | Cover, Comm. End |
| GCJ-51 | 1 | Spring, Retaining, 3rd Brush Plate |
| GCJ-1012† | 2 | Brush, Main |
| GCJ-1013† | 1 | Brush, Third |
| GCJ-1014 | 1 | Plate Assy., 3rd Brush |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1107CS | 1 | Head Assy., Partial, C.E. |
| GBF-79 | 1 | BEARING, ABS. BRONZE |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1023R | 1 | Holder Assy., Brush, Grounded |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |

Comm. End Head Assy., (Continued)

| Part No. | No. Used | Name of Part |
|----------|----------|--|
| X-195 | 2 | Lockwasher, Brush Holder, #8 |
| 8X-304 | 2 | Screw, Brush Holder, Rd. Hd. #8-32x5/16 |
| 12X-195 | 4 | Lockwasher, Cover Sc. #8 |
| 8X-311 | 1 | Screw, Retaining Spring, Rd. Hd. #10-32x5/16 |
| 8X-888 | 4 | Screw, Cover, Fill. Hd. #8-32x5/16 |
| 12X-195 | 3 | Lockwasher, Brush Lead Sc., #8 |
| 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1 1/4 |

Armature Assembly & Parts Used With

| | | |
|----------|---|-------------------------|
| GBM-21B | 1 | Nut, Armature Shaft |
| GEY-2006 | 1 | ARMATURE ASSEMBLY |
| GAR-171 | 1 | Snap Ring |
| GR-32 | 1 | Retainer, Felt Washer |
| SP-322 | 1 | Pulley, Drive |
| X-260 | 1 | Key, Woodruff, #5 |
| 12X-864 | 1 | Lockwasher, Shaft, C.E. |

Drive End Head Assembly & Parts Used With

| | | |
|-----------|---|------------------------------------|
| GFW-1031S | 1 | Head Assy., Drive End |
| GAR-63 | 2 | Retainer, Felt Washer |
| GAR-64 | 2 | Retainer, Bearing |
| GFW-31S | 1 | Head |
| GG-164 | 2 | Washer, Felt |
| 8X-173 | 3 | Nut, Retainer Sc. Hex. #10-32 |
| X-196 | 3 | Lockwasher, Retainer Sc. #10 |
| X-295 | 1 | BEARING, BALL |
| X-489 | 1 | Oiler, Press in Type 1/4 |
| 8X-1003 | 3 | Screw, Retainer Rd. Hd. #10-32x7/8 |

Miscellaneous Parts

| | | |
|------------|---|--|
| GBW-24B | 1 | Band, Cover |
| TC-4303D-2 | 1 | REGULATOR, TWO CHARGE |
| 12X-196 | 4 | Lockwasher, Reg. Mtg., #10 |
| 8X-321 | 4 | Screw, Regulator Mtg., Rd. Hd. #10-32x5/16 |
| 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| 8X-794 | 1 | Nut, Cover Band, Square #10-32 |

† BRUSH SET, SERVICE GCJ-2012S.

* Used on GFW-4814A-1 only.

| UNIT | APPLICATION |
|-----------------|-------------------|
| GFW-4814A-1,B-1 | Buda, Hallet Mfg. |

(Issued 6-16-48)

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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

GFW-4815, P GENERATOR PARTS LIST

GFW-4815, P
(Issued 2-21-52)

| 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 |
| GFB-2073 | 1 | Frame & Field Assy. | G CJ-1012† | 2 | Brush, Main |
| GAL-44 | 1 | Insulation, Field Connection | G CJ-1013† | 1 | Brush, Main |
| GBM-113 | 1 | Lead Assembly | G CJ-1014 | 1 | Plate Assy. , 3rd Brush |
| GCE-34 | 1 | Stud, Arm. Term. , #14-24 | GBW-45 | 1 | Spring, Brush |
| X-1611 | 1 | Terminal | G CJ-26 | 1 | Arm, Brush |
| GBW-34 | 1 | Washer, Ins. , Field Term. , Outer | G CJ-1086C | 1 | Head Assy. , Partial, C. E. |
| GCT-25 | 1 | Bushing, Ins. , Arm. Term. | GBF-79 | 1 | BEARING, ABS. BRONZE |
| G CY-25 | 1 | Bushing, Ins. , Field Term. | GBW-45 | 1 | Spring, Brush |
| GDW-44 | 1 | Washer, Ins. , Arm. Term. , Outer | G CJ-26 | 1 | Arm, Brush |
| GEA-34 | 1 | Insulation, Term. Stud, Inner | G CJ-1023R | 1 | Holder Assy. , Brush, Grounded |
| GFB-1005E | 1 | COIL ASSY. , FIELD, COMPLETE | GBW-45 | 1 | Spring, Brush |
| GEB-58 | 1 | Stud, Field Term. , #10-32 | G CJ-26 | 1 | Arm, Brush |
| GFB-1007B | 1 | Coil Assy. , Field, Left | X-195 | 2 | Lockwasher, Holder Sc. , #8 |
| X-976 | 1 | Terminal | 8X-304 | 2 | Screw, Brush Holder, Rd. Hd. #8-32x5/16 |
| GFB-1008E | 1 | Coil, Field, Right | 12X-195 | 4 | Lockwasher, Cover Sc. , #8 |
| GK-38 | 2 | Screw, Pole Shoe | 8X-311 | 1 | Screw, Retaining Spring, Rd. Hd. #10-32x3/8 |
| MN-21 | 2 | Pin, Dowel | 8X-888 | 4 | Screw, C. E. Cover, Fill. Hd. #8-32x5/16 |
| 8X-177 | 2 | Nut, Arm. Term. , Hex. #14-24 | 12X-195 | 3 | Lockwasher, Lead Sc. , #10 |
| 12X-196 | 2 | Lockwasher, Field Term. , #10 | 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 |
| 12X-199 | 2 | Lockwasher, Arm. Term. , 1/4 | <u>Armature Assembly & Parts Used With</u> | | |
| 8X-349 | 1 | Washer, Plain, Field Term. , #10 | GAR-1177 | 1 | Oil Thrower |
| 8X-361 | 1 | Washer, Plain, Arm. Term. , 1/4 | GEY-2091 | 1 | ARMATURE |
| 8X-1377 | 2 | Nut, Field Term. , Hex. #10-32 | X-156 | 1 | Nut, Arm. Shaft, D. E. |
| GT-20A | 2 | Bolt, Thru | X-263 | 1 | Key, Woodruff, #8 |
| 12X-196 | 1 | Lockwasher, Ground Sc. , #10 | X-358 | 1 | Washer, Shaft, Plain 1/2 |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | X-404 | 1 | Pin, Cotter |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | <u>Drive End Head Assy. & Parts Used With</u> | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | GAR-1096A | 1 | Head Assy. , Drive End |
| G CJ-2086B | 1 | Head Assy. , Comm. End | GAR-95 | 1 | Washer, Felt |
| GAR-73 | 1 | Wick, Felt | GAR-96A | 1 | Head, Drive End |
| GAR-98A | 1 | Cover, Wick | GX-9 | 1 | Retainer, Bearing |
| GBW-69 | 1 | Gasket, C. E. Cover | GX-10 | 1 | Gasket |
| GBW-72 | 1 | Oil Guard | X-196 | 3 | Lockwasher, Retainer Sc. , #10 |
| GBW-73 | 1 | Gasket, Oil Guard | 8X-311 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x3/8 |
| GBW-1068 | 1 | Cover, Comm. End | X-378 | 1 | BEARING, BALL, SHIELDED, S. A. E. #204 |
| G CJ-51 | 1 | Spring, Retaining, 3rd Brush Plate | | | |

(Continued on Reverse Side)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFW-4815, P GENERATOR PARTS (Continued)

| Part No. | <u>Miscellaneous Parts</u> | |
|-------------|----------------------------|--|
| | No. Used | Name of Part |
| GBW-1024LS | 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 GCJ-2012S.

NOTE: TC-4331A TWO CHARGE REGULATOR
is used with but is not a part of this generator.

| UNIT | APPLICATION |
|-------------|-------------|
| GFW-4815, P | Nordberg |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFW-4816A-1 GENERATOR PARTS LIST

GFW-4816A-1

| <u>Frame & Field Assembly & Parts Used With</u> | | |
|---|----------|---|
| Part No. | No. Used | Name of Part |
| (GFB-2081) | 1 | Frame & Field Assembly |
| GAL-44 | 1 | Insulation, Field Connection |
| GAR-211 | 1 | Bushing, Insulating |
| GFB-1005A | 1 | COIL ASSY., FIELD, COMPLETE |
| GFB-1007 | 1 | Coil Assy., Field, Left |
| GAL-355 | 1 | Lead Assy. |
| X-755 | 1 | Terminal |
| X-976 | 1 | Terminal |
| X-976 | 1 | Terminal |
| GFB-1008A | 1 | Coil Assy., Field, Right |
| X-767 | 1 | Terminal |
| GK-38 | 2 | Screw, Pole Shoe |
| MN-21 | 2 | Pin, Dowel |
| GK-20A | 2 | Bolt, Thru |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 |
| <u>Comm. End Head Assembly & Parts Used With</u> | | |
| GCJ-2107AS | 1 | Head Assy., Comm. End |
| GAR-73 | 1 | Wick, Felt |
| GAR-98A | 1 | Cover, Wick |
| GBW-69 | 1 | Gasket, C.E. Cover |
| GBW-72 | 1 | Oil Guard |
| GBW-73 | 1 | Gasket, Oil Retaining |
| GBW-1068 | 1 | Cover, Comm. End |
| GCJ-51 | 1 | Spring, Retaining, 3rd Brush Plate |
| GCJ-1012 † | 2 | Brush, Main |
| GCJ-1013 † | 1 | Brush, Third |
| GCJ-1014 | 1 | Plate Assy., 3rd Brush |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1107CS | 1 | Head Assy., Partial, C.E. |
| GBF-79 | 1 | BEARING, ABS. BRONZE |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1023R | 1 | Holder Assy., Brush, Grounded |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| X-195 | 2 | Lockwasher, Br. Holder Sc., #8 |
| 8X-304 | 2 | Screw, Brush Holder, Rd. Hd. #8-32x5/16 |
| 12X-195 | 4 | Lockwasher, Cover Sc., #8 |
| 8X-311 | 1 | Screw, Retaining Spring, Rd. Hd. #10-32x3/8 |
| 8X-888 | 4 | Screw, Cover, Fill. Hd. #8-32x5/16 |
| 12X-195 | 3 | Lockwasher, Brush Lead Sc., #8 |
| 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 |

| <u>Armature Assembly & Parts Used With</u> | | |
|--|----------|-------------------|
| Part No. | No. Used | Name of Part |
| GBM-21B | 1 | Nut, Shaft, D.E. |
| GEY-2117 | 1 | ARMATURE |
| GFW-34 | 1 | Spacer, Shaft |
| SP-816 | 1 | Pulley, Drive |
| X-263 | 1 | Key, Woodruff, #8 |
| 12X-964 | 1 | Lockwasher, Shaft |

| <u>Drive End Head Assy. & Parts Used With</u> | | |
|---|----------|-----------------------------------|
| Part No. | No. Used | Name of Part |
| GFW-1032 | 1 | Head Assy., Drive End |
| GAR-178 | 2 | Retainer, Bearing |
| GAR-179 | 2 | Retainer, Felt Washer |
| GFW-32 | 1 | Head |
| GJ-147 | 2 | Washer, Felt |
| 8X-173 | 3 | Nut, Retainer Sc., Hex. #10-32 |
| 12X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| X-298 | 1 | BEARING, BALL, S.A.E. #204 |
| 8X-306 | 3 | Screw, Retainer, Rd. Hd. #10-32x1 |
| X-489 | 1 | Oiler |

Miscellaneous Parts

| | | |
|----------|---|--|
| GBW-24B | 1 | Band, Cover |
| TC-4303D | 1 | REGULATOR, TWO CHARGE |
| 12X-196 | 4 | Lockwasher, Regulator Mtg. Sc., #10 |
| 8X-321 | 4 | Screw, Regulator Mtg., Rd. Hd. #10-32x5/16 |
| 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| 8X-794 | 1 | Nut, Cover Band, Square #10-32 |

† BRUSH SET, SERVICE GCJ-2012S.

| UNIT | APPLICATION |
|-------------|------------------|
| GFW-4816A-1 | Worthington Pump |

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(Issued 10-18-48)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFW-4817A-1 GENERATOR PARTS LIST

GFW-4817A-1

| 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 |
| GCM-77 | 1 | Bracket, Mounting, Generator | | | | GBM-21B | 1 | Nut, Shaft, Hex., .669-20 | | | | |
| (GFB-3075) | 1 | Frame & Field Assy. | | | | GEY-2120 | 1 | ARMATURE | | | | |
| GAL-44 | 1 | Insulation, Field Connection | | | | GAR-171 | 1 | Snap, Ring | | | | |
| GAR-211 | 1 | Bushing, Insulating | | | | GFW-36 | 1 | Spacer, Armature Shaft | | | | |
| GFB-2005B | 1 | COIL ASSY., FIELD, COMP. | | | | SP-826.S | 1 | Pulley, Drive | | | | |
| GFB-2007 | 1 | Coil Assy., Field, Left | | | | X-260 | 1 | Key, Woodruff, #5 | | | | |
| X-976 | 1 | Terminal | | | | X-864 | 1 | Lockwasher, Shaft, C.E. | | | | |
| GFB-2008A | 1 | Coil Assy., Field, Right | | | | Drive End Head Assembly & Parts Used With | | | | | | |
| GAL-355 | 1 | Lead Assy. | | | | GFW-1035S | 1 | Head Assy., Drive End | | | | |
| X-755 | 1 | Terminal | | | | GAR-63 | 2 | Retainer, Felt Washer | | | | |
| X-1425 | 1 | Terminal | | | | GAR-64 | 2 | Retainer, Bearing | | | | |
| X-767 | 1 | Terminal | | | | GFW-35S | 1 | Head | | | | |
| GK-38 | 2 | Screw, Pole Shoe | | | | GG-164 | 2 | Washer, Felt | | | | |
| MN-21 | 2 | Pin, Dowel | | | | 8X-173 | 3 | Nut, Hex., #10-32 | | | | |
| GK-20A | 2 | Bolt, Thru | | | | X-295 | 1 | BEARING, BALL | | | | |
| X-199 | 2 | Lockwasher, Thru, Bolt, 1/4 | | | | X-489 | 1 | Oiler, Press in Type, 1/4 | | | | |
| X-402 | 2 | Pin, Cotter, Mtg. Bracket Screw 1/16x3/4 | | | | 8X-1003 | 3 | Screw, Retainer, Rd. Hd. #10-32x7/8 | | | | |
| 8X-863A | 2 | Screw Mtg. Bracket, Hex. Hd., 5/16-24x1 1/4 | | | | X-196 | 3 | Lockwasher, Retainer Sc. #10 | | | | |
| X-1014 | 2 | Lockwasher, Mtg. Bracket Sc., 5/16 | | | | Miscellaneous Parts | | | | | | |
| 8X-1061 | 2 | Nut, Mtg. Bracket Screw, Castellated, Hex., 5/16-24 | | | | GBW-24B | 1 | Band, Cover | | | | |
| Comm. End Head Assembly & Parts Used With | | | | | TC-4303D | 1 | REGULATOR, TWO CHARGE | | | | | |
| GCJ-3119S | 1 | Head Assy., Comm. End | | | | X-196 | 4 | Lockwasher, Regulator Mtg. #10 | | | | |
| GAR-73 | 1 | Wick, Felt | | | | 8X-321 | 4 | Screw, Regulator Mtg., Rd. Hd., #10-32x5/16 | | | | |
| GAR-98A | 1 | Cover, Wick | | | | 8X-714 | 1 | Screw, Cover Band, Rd. Hd., #10-32x1 1/2 | | | | |
| GBW-69 | 1 | Gasket, C.E. Cover | | | | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| GBW-72 | 1 | Oil, Guard | | | | | | 1 | 2 | 3 | 4 | 5 |
| GBW-73 | 1 | Gasket, Oil Guard | | | | † BRUSH SET, SERVICE GCJ-2012S. | | | | | | |
| GBW-1068 | 1 | Cover, Comm. End | | | | | | | | | | |
| GCJ-51 | 1 | Spring, Retaining 3rd Brush | | | | | | | | | | |
| GCJ-1012† | 2 | Brush, Main | | | | | | | | | | |
| GCJ-1013† | 1 | Brush, Third | | | | | | | | | | |
| GCJ-1014L | 1 | Plate Assy., 3rd Brush | | | | | | | | | | |
| GBW-45 | 1 | Spring, Brush | | | | | | | | | | |
| GCJ-26 | 1 | Arm, Brush | | | | | | | | | | |
| GCJ-1119AS | 1 | Head Assy., Partial C.E. | | | | | | | | | | |
| GBF-79 | 1 | BEARING, ABS. BRONZE | | | | | | | | | | |
| GBW-45 | 1 | Spring, Brush | | | | | | | | | | |
| GCJ-26 | 1 | Arm, Brush | | | | | | | | | | |
| GCJ-1023L | 1 | Holder Assy., Brush, Grounded | | | | | | | | | | |
| GBW-45 | 1 | Spring, Brush | | | | | | | | | | |
| GCJ-26 | 1 | Arm, Brush | | | | | | | | | | |
| X-195 | 4 | Lockwasher, Cover Sc., #8 | | | | | | | | | | |
| 8X-311 | 1 | Screw, Plate Retaining, Rd. Hd., #10-32x3/8 | | | | | | | | | | |
| 8X-888 | 4 | Screw, Cover Fil. Hd., #8-32x5/16 | | | | | | | | | | |
| GR-32 | 1 | Retainer, Felt Washer | | | | | | | | | | |
| X-195 | 3 | Lockwasher, Brush Lead Sc., #8 | | | | | | | | | | |
| 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | | | | |

| UNIT | APPLICATION |
|-------------|--|
| GFW-4817A-1 | R.H. Sheppard Co. & Atlas Imperial Diesel Eng. Co. |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFW-4818A-1 GENERATOR PARTS LIST

GFW-4818A-1

| Frame & Field Assembly & Parts Used With | | | Comm. End Head Assy. (Cont'd.) | | | | | | |
|--|-------------|---|--|----------|---|------|-------------|-------------|-------------|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part | | | | |
| GCM-71 | 1 | Bracket, Gen. Mtg. | 8X-311 | 1 | Screw, Retaining Spring, Rd. Hd. #10-32x3/8 | | | | |
| (GFB-2065) | 1 | Frame & Field Assy. | 8X-888 | 4 | Screw, Cover, Fill. Hd. #8-32x5/16 | | | | |
| GAL-44 | 1 | Insulation, Field Connection | 12X-195 | 3 | Lockwasher, Brush Lead Sc., #8 | | | | |
| GAR-211 | 1 | Bushing, Lead Ins. | 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 | | | | |
| GFB-1005A | 1 | COIL ASSY., FIELD, COMPLETE | <u>Armature Assembly & Parts Used With</u> | | | | | | |
| GBF-1007 | 1 | Coil Assy., Field, Left | GEY-2006 | 1 | ARMATURE ASSY. | | | | |
| GAL-355 | 1 | Lead Assembly | GAR-171 | 1 | Snap Ring | | | | |
| X-755 | 1 | Terminal | GR-32 | 1 | Retainer, Felt Washer | | | | |
| X-976 | 1 | Terminal | SP-357 | 1 | Nut, Arm. Shaft, D.E. | | | | |
| X-976 | 1 | Terminal | SP-460 | 1 | Pulley, Drive | | | | |
| GFB-1008A | 1 | Coil Assy., Field, Right | X-260 | 1 | Key, Woodruff, #5 | | | | |
| X-767 | 1 | Terminal | 12X-864 | 1 | Lockwasher, Shaft, D.E. | | | | |
| GK-38 | 2 | Screw, Pole Shoe | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | |
| MN-21 | 2 | Pin, Dowel | GBJ-1003C | 1 | Head Assy., Drive End | | | | |
| GK-20A | 2 | Bolt, Thru | GAR-63 | 2 | Retainer, Felt Washer | | | | |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | GAR-64 | 2 | Retainer, Bearing | | | | |
| X-402 | 2 | Pin, Cotter, Brkt. Sc. | GBJ-3C | 1 | Head, Drive End | | | | |
| 8X-863A | 2 | Screw, Mtg. Brkt., Hex. Hd. 5/16-24x1 1/4 | GG-164 | 2 | Washer, Felt | | | | |
| 12X-1014 | 2 | Lockwasher, Bracket Sc., 5/16 | 8X-173 | 3 | Nut, Retainer Sc., Hex. #10-32 | | | | |
| 8X-1061 | 2 | Nut, Brkt. Sc., Castellated 5/16-24 | X-196 | 3 | Lockwasher, Retainer Sc., #10 | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | X-295 | 1 | BEARING, BALL, S.A.E. #203 | | | | |
| GCJ-2107AS | 1 | Head Assy., Comm. End | X-489 | 1 | Oiler | | | | |
| GAR-73 | 1 | Wick, Felt | 8X-1003 | 3 | Screw, Retainer, Rd. Hd. #10-32x7/8 | | | | |
| GAR-98A | 1 | Cover, Wick | <u>Miscellaneous Parts</u> | | | | | | |
| GBW-69 | 1 | Gasket, C.E. Cover | GBW-24B | 1 | Band, Cover | | | | |
| GBW-72 | 1 | Oil Guard | TC-4310A | 1 | REGULATOR, TWO CHARGE | | | | |
| GBW-73 | 1 | Gasket, Oil Guard | 12X-196 | 4 | Lockwasher, Reg. Mtg. Sc., #10 | | | | |
| GBW-1068 | 1 | Cover, Comm. End | 8X-321 | 4 | Screw, Reg. Mtg., Rd. Hd. #10-32x5/16 | | | | |
| GCJ-51 | 1 | Spring, Retaining, 3rd. Brush Plate | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | |
| GCJ-1012† | 2 | Brush, Main | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| GCJ-1013† | 1 | Brush, Third | <u>† BRUSH SET, SERVICE GCJ-2012S.</u> | | | | | | |
| GCJ-1014 | 1 | Plate Assy., 3rd. Brush | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">UNIT</th> <th style="text-align: center;">APPLICATION</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">GFW-4818A-1</td> <td style="text-align: center;">U.S. Motors</td> </tr> </tbody> </table> | | | UNIT | APPLICATION | GFW-4818A-1 | U.S. Motors |
| UNIT | APPLICATION | | | | | | | | |
| GFW-4818A-1 | U.S. Motors | | | | | | | | |
| GBW-45 | 1 | Spring, Brush | (Issued 4-4-50) | | | | | | |
| GCJ-26 | 1 | Arm, Brush | <div style="display: flex; justify-content: space-between;"> Printed in U. S. A. File in Equipment & Parts List Binder </div> | | | | | | |
| GCJ-1107CS | 1 | Head Assy., Partial, C.E. | "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." | | | | | | |
| GBF-79 | 1 | BEARING, ABS. BRONZE | | | | | | | |
| GBW-45 | 1 | Spring, Brush | | | | | | | |
| GCJ-26 | 1 | Arm, Brush | | | | | | | |
| GCJ-1023R | 1 | Holder Assy., Brush, Grounded | | | | | | | |
| GBW-45 | 1 | Spring, Brush | | | | | | | |
| GCJ-26 | 1 | Arm, Brush | | | | | | | |
| 12X-195 | 2 | Lockwasher, Holder Sc., #8 | | | | | | | |
| 8X-304 | 2 | Screw, Br. Holder, Rd. Hd. #8-32x5/16 | | | | | | | |
| 12X-195 | 4 | Lockwasher, Cover Sc., #8 | | | | | | | |

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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

GFW-4820-1, A-1 GENERATOR PARTS LIST

GFW-4820-1, 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 |
| * (GFB-2065) | 1 | Bracket, Mounting, Generator | 8X-311 | 1 | Screw, Retaining Spring Rd. Hd., #10-32x3/8 |
| GAL-44 | 1 | Insulation, Field Connection | 8X-888 | 4 | Screw, Cover, Fil. Hd. #8-32x5/16 |
| GAR-211 | 1 | Bushing, Insulating | 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 |
| GFB-1005A | 1 | COIL ASSY., FIELD, COMP. | 8X-1507 | 2 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 |
| GFB-1007 | 1 | Coil Assy., Field, Left | <u>Armature Assembly & Parts Used With</u> | | |
| GAL-355 | 1 | Lead Assy. | GBM-21B | 1 | Nut, Shaft, Hex., .669-20 |
| X-755 | 1 | Terminal | GEY-2006 | 1 | ARMATURE ASSEMBLY |
| X-976 | 1 | Terminal | GAR-171 | 1 | Snap Ring |
| X-976 | 1 | Terminal | GR-32 | 1 | Retainer, Felt Washer |
| GFB-1008A | 1 | Coil Assy., Field, Right | * | 1 | Pulley Drive |
| X-767 | 1 | Terminal | X-260 | 1 | Key, Woodruff, #5 |
| GK-38 | 2 | Screw, Pole Shoe | 12X-864 | 1 | Lockwasher, Shaft |
| MN-21 | 2 | Pin, Dowel | <u>Drive End Head Assembly & Parts Used With</u> | | |
| GK-20A | 2 | Bolt, Thru | GFW-1031S | 1 | Head Assy., Drive End |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | GAR-63 | 2 | Retainer, Felt Washer |
| * | 2 | Pin, Cotter, Mtg. Bracket | GAR-64 | 2 | Retainer, Bearing |
| * | 2 | Screw, Mounting Bracket, Hex. Hd., 5/16-24x1 1/4 | GFW-31S | 1 | Head |
| * | 2 | Lockwasher, Mtg., Bracket | GG-164 | 2 | Washer, Felt |
| * | 2 | Nut, Mtg. Bracket Sc., Castellated 5/16-24 | 8X-173 | 3 | Nut, Retainer Sc., Hex. #10-32 |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | X-196 | 3 | Lockwasher, Retainer Sc. #10 |
| GCJ-2107AS | | Head Assy., Comm. End | X-295 | 1 | BEARING, BALL S.A.E. #203 |
| GAR-73 | 1 | Wick, Felt | X-489 | 1 | Oiler, Press in Type 1/4 |
| GAR-98A | 1 | Cover, Wick | 8X-1003 | 3 | Screw, Retainer Rd. Hd. #10-32x7/8 |
| GBW-69 | 1 | Gasket, C.E. Cover | <u>Miscellaneous Parts</u> | | |
| GBW-72 | 1 | Oil Guard | GBW-24B | 1 | Band, Cover |
| GBW-73 | 1 | Gasket, Oil Retaining | TC-4303D | 1 | REGULATOR, TWO CHARGE |
| GBW-1068 | 1 | Cover, Comm. End | 12X-196 | 4 | Lockwasher, Regulator Mtg., #10 |
| GCJ-51 | 1 | Spring, Retaining, 3rd | 8X-321 | 4 | Screw, Regulator Mtg., Rd. Hd., #10-32x5/16 |
| | | Brush Plate | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| GCJ-1012 † | 2 | Brush, Main | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| GCJ-1013 † | 1 | Brush, Third | * See table following parts list for part number applying to assembly wanted. | | |
| GCJ-1014 | 1 | Plate Assy., 3rd Brush | † BRUSH SET SERVICE, GCJ-2012S. | | |
| GBW-45 | 1 | Spring, Brush | (See Reverse Side) | | |
| GCJ-26 | 1 | Arm, Brush | | | |
| GCJ-1107CS | 1 | Head Assy., Partial, Comm. End | | | |
| GBF-79 | 1 | BEARING, ABS. BRONZE | | | |
| GBW-45 | 1 | Spring, Brush | | | |
| GCJ-26 | 1 | Arm, Brush | | | |
| GCJ-1023R | 1 | Holder Assy., Brush Grounded | | | |
| GBW-45 | 1 | Spring, Brush | | | |
| GCJ-26 | 1 | Arm, Brush | | | |
| X-195 | 2 | Lockwasher, Brush Holder #8 | | | |
| 8X-304 | 2 | Screw, Brush Holder, Rd. Hd., #8-32x5/16 | | | |
| 12X-195 | 4 | Lockwasher, Cover Sc., #8 | | | |

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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

GFW-4820-1, A-1 GENERATOR PARTS (Con't.)

| Assembly No. | Pulley | Mtg. Bracket | Nut | Screw | Lockwasher | Cotter Pin |
|--------------|--------|--------------|---------|---------|------------|------------|
| GFW-4820-1 | None | None | None | None | None | None |
| GFW-4820A-1 | SP-322 | GCM-66 | 8X-1061 | 8X-863A | 12X-1014 | X-402 |

| UNIT | APPLICATION |
|-----------------|---------------------|
| GFW-4820-1, A-1 | Harnischfeger Corp. |

(Issued 8-24-48)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFW-4823 GENERATOR PARTS LIST

GFW-4823

| Frame & Field Assembly & Parts Used With | | | Comm. End Head Assy. (Continued) | | |
|--|----------|---|--|----------|---|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part |
| (GFB-2085) | 1 | Frame & Field Assy. | GCJ-51 | 1 | Spring, Retaining, 3rd. |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | | | Brush Plate |
| GAL-44 | 1 | Insulation, Field Connection | GCJ-1012† | 2 | Brush, Main |
| GBM-113 | 1 | Lead Assembly | GCJ-1013† | 1 | Brush, Third |
| GCE-34 | 1 | Stud, Arm. Term., #14-24 | GCJ-1014 | 1 | Plate Assy., 3rd Brush |
| X-1611 | 1 | Terminal | GBW-45 | 1 | Spring, Brush |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | GCJ-26 | 1 | Arm, Brush |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. | GCJ-1086C | 1 | Head Assy., Partial, C.E. |
| GCY-25 | 1 | Bushing, Ins., Field Term. | GBF-79 | 1 | BEARING, ABS. BRONZE |
| GEA-34 | 1 | Insulation, Term. Stud, Inner | GBW-45 | 1 | Spring, Brush |
| GFB-1005E | 1 | COIL ASSY., FIELD, COMPLETE | GCJ-26 | 1 | Arm, Brush |
| GEB-58 | 1 | Stud, Field Term., #10-32 | GCJ-1023R | 1 | Holder Assy., Brush, Grounded |
| GFB-1007B | 1 | Coil Assy., Field, Left | GBW-45 | 1 | Spring, Brush |
| X-976 | 1 | Terminal | GCJ-26 | 1 | Arm, Brush |
| GFB-1008E | 1 | Coil, Field, Right | X-195 | 2 | Lockwasher, Holder Sc., #8 |
| FW-33S | 1 | Bracket, Gen. Mtg. | 8X-304 | 2 | Screw, Brush Holder, Rd. Hd. #8-32x5/16 |
| GK-38 | 2 | Screw, Pole Shoe | 12X-195 | 4 | Lockwasher, Cover Sc., #8 |
| MN-21 | 2 | Pin, Dowel | 8X-311 | 1 | Screw, Retaining Spring, Rd. Hd. #10-32x3/8 |
| 8X-113 | 4 | Screw, Mtg. Brkt., Hex. Hd. 5/16-24x5/8 | 8X-888 | 4 | Screw, C.E. Cover, Fill. Hd. #8-32x5/16 |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | 12X-195 | 3 | Lockwasher, Brush Lead Sc., #8 |
| 12X-193 | 2 | Lockwasher, Arm. Term., #14 | 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | | | |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 | <u>Armature Assembly & Parts Used With</u> | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 | GBW-21B | 1 | Nut, Arm. Shaft, D.E. |
| 12X-1014 | 4 | Lockwasher, Brkt. Sc., 5/16 | GEY-2006 | 1 | ARMATURE ASSY. |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | GAR-171 | 1 | Snap Ring |
| GT-20A | 2 | Bolt, Thru | GJ-104 | 1 | Spacer, Arm, Shaft |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 | X-260 | 1 | Key, Woodruff, #5 |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | 12X-864 | 1 | Lockwasher, Shaft, D.E. |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | | | |
| | | | <u>Drive End Head Assembly & Parts Used With</u> | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | GAL-1063 | 1 | Head Assy., Drive End |
| GCJ-2086B | 1 | Head Assy., Comm. End | GAL-63 | 1 | Head, Drive End |
| GAR-73 | 1 | Wick, Felt | GG-6 | 2 | Retainer, Bearing |
| GAR-98A | 1 | Cover, Wick | GG-164 | 1 | Washer, Felt |
| GBW-69 | 1 | Gasket, C.E. Cover | GK-176 | 1 | Retainer, Felt Washer |
| GBW-72 | 1 | Oil Guard | 8X-173 | 3 | Nut, Retainer Sc., Hex. #10-32 |
| GBW-73 | 1 | Gasket, Oil Guard | X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| GBW-1068 | 1 | Cover, Comm. End | X-295 | 1 | BEARING, BALL, S.A.E. #203 |
| | | | 8X-316 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/4 |
| | | | X-489 | 1 | Oiler |

(Continued on Reverse Side)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFW-4823 GENERATOR PARTS (Continued)

| Part No. | Miscellaneous Parts | |
|----------|---------------------|--|
| | No. Used | Name of Part |
| GBW-24J | 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 GCJ-2012S.

NOTE: TC-4331B TWO CHARGE REGULATOR
is used with but is not a part of this
generator.

| UNIT | APPLICATION |
|----------|-------------|
| GFW-4823 | U.S. Motors |

(Issued 3-2-50)

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complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFW-4824 GENERATOR PARTS LIST

GFW-4824
(Issued 2-21-52)

| Frame & Field Assembly & Parts Used With | | | Comm. End Head Assembly (Cont.) | | |
|--|----------|--|--|----------|--|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part |
| GFB-3090 | 1 | Frame & Field Assy. | GCJ-26 | 1 | Arm, Brush |
| GAL-44 | 1 | Insulation, Field Connection | GCJ-1085C | 1 | Head Assy., Partial, C. E. |
| GBM-113 | 1 | Lead Assembly | GBF-79 | 1 | BEARING, ABS. BRONZE |
| GCE-34 | 1 | Stud, Arm. Term., #14-24 | GBW-45 | 1 | Spring, Brush |
| X-1611 | 1 | Terminal | GCJ-26 | 1 | Arm, Brush |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | GCJ-1023L | 1 | Holder Assy., Brush, Grounded |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. | GBW-45 | 1 | Spring, Brush |
| GCY-25 | 1 | Bushing, Ins., Field Term. | GCJ-26 | 1 | Arm, Brush |
| GDW-44 | 1 | Washer, Ins., Arm. Term., Outer | 12X-195 | 2 | Lockwasher, Holder Sc., #8 |
| GEA-34 | 1 | Insulation, Term. Stud, Inner | 8X-304 | 2 | Screw, Br. Holder, Rd. Hd. #8-32x5/16 |
| GFB-2005D | 1 | COIL ASSY., FIELD COMPLETE | 12X-195 | 4 | Lockwasher, Cover Sc., #8 |
| GEB-58 | 1 | Stud, Field Term., #10-32 | 8X-311 | 1 | Screw, Retaining Spring, Rd. Hd. #10-32x3/8 |
| GFB-1008E | 1 | Coil, Field, Right | 8X-888 | 4 | Screw, Cover, Fill. Hd. #8-32x5/16 |
| GFB-2007 | 1 | Coil Assy., Field, Left | 12X-195 | 3 | Lockwasher, Lead Sc., #8 |
| X-976 | 1 | Terminal | 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 |
| GK-38 | 2 | Screw, Pole Shoe | <u>Armature Assembly & Parts Used With</u> | | |
| MN-21 | 2 | Pin, Dowel | GAR-1177 | 1 | Oil Thrower |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | GEY-2091 | 1 | ARMATURE |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | X-156 | 1 | Nut, Arm. Shaft, D. E. |
| 12X-199 | 2 | Lockwasher, Arm. Term., 1/4 | X-263 | 1 | Key, Woodruff, #8 |
| 8X-349 | 1 | Washer, Plain, Field Term. #10 | X-358 | 1 | Washer, Shaft, D. E., Plain 1/2 |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 | X-404 | 1 | Pin, Cotter |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | <u>Drive End Head Assembly & Parts Used With</u> | | |
| GT-20A | 2 | Bolt, Thru | GFA-1036 | 1 | Head Assy., Drive End |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 | GAR-95 | 1 | Washer, Felt |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | GFA-36 | 1 | Head, Drive End |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | GX-9 | 1 | Retainer, Bearing |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | GX-10 | 1 | Gasket |
| GCJ-3085B | 1 | Head Assy., Comm. End | 12X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| GAR-73 | 1 | Wick, Felt | 8X-311 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 |
| GAR-98A | 1 | Cover, Wick | X-378 | 1 | BEARING, BALL, SHIELDED S. A. E. #204 |
| GBW-69 | 1 | Gasket, C. E. Cover | (Continued on Reverse Side) | | |
| GBW-72 | 1 | Oil Guard | | | |
| GBW-73 | 1 | Gasket, Oil Guard | | | |
| GBW-1068 | 1 | Cover, Comm. End | | | |
| GCJ-51 | 1 | Spring, Retaining, 3rd. Brush Plate | | | |
| GCJ-1012† | 2 | Brush, Main | | | |
| GCJ-1013† | 1 | Brush, Third | | | |
| GCJ-1014L | 1 | Plate Assy., 3rd Brush | | | |
| GBW-45 | 1 | Spring, Brush | | | |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFW-4824 GENERATOR PARTS (Cont.)

| <u>Miscellaneous Parts</u> | | |
|----------------------------|----------|--|
| Part No. | No. Used | Name of Part |
| GBW-1024LS | 1 | Band, Cover |
| 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| 8X-794 | 1 | Nut, Cover Band, Square #10-32 |

NOTE: TC-4331A TWO CHARGE REGULATOR
is used with but is not a part of this generator.

† BRUSH SET, SERVICE GCJ-2012S.

| UNIT | APPLICATION |
|----------|-------------|
| GFW-4824 | Nordberg |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GFW-4826 GENERATOR PARTS LIST

GFW-4826
(Issued 1-29-54)

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|----------|----------|---|
| GFB-3093 | 1 | Frame & Field Assy. |
| GAL-44 | 1 | Insulation, Field Connection |
| GAR-211 | 1 | Bushing, Insulating |
| GFB-2005 | 1 | COIL ASSY., FIELD COMPLETE |
| GFB-2007 | 1 | Coil Assy., Field, Left |
| X-976 | 1 | Terminal |
| GFB-2008 | 1 | Coil Assy., Field, Right |
| GAL-354 | 1 | Lead Assembly |
| X-755 | 1 | Terminal |
| X-1425 | 1 | Terminal |
| X-959 | 1 | Terminal |
| GK-38 | 2 | Screw, Pole Shoe |
| MN-21 | 2 | Pin, Dowel |
| 8X-140 | 1 | Nut, Ground Sc., Hex. #6-32 |
| 12X-194 | 1 | Lockwasher, Ground Sc., #6 |
| 8X-1008 | 1 | Screw, Field Ground, Rd. Hd. #6-32x9/16 |
| GK-20A | 2 | Bolt, Thru |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 |

Comm. End Head Assembly & Parts Used With

| | | |
|-----------|---|---|
| GCJ-2012S | 1 | BRUSH SET, SERVICE |
| GEO-3002S | 1 | Head Assy., Comm. End |
| GCJ-51 | 1 | Spring, Retaining, 3rd Brush Plate |
| GCJ-1014L | 1 | Plate Assy., 3rd. Brush |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GEO-1002 | 1 | Head Assy., Partial, C. E. |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| GCJ-1023L | 1 | Holder Assy., Brush, Grounded |
| GBW-45 | 1 | Spring, Brush |
| GCJ-26 | 1 | Arm, Brush |
| X-195 | 2 | Lockwasher, Holder Screw #8 |
| 8X-304 | 2 | Screw, Brush Holder, Rd. Hd. #8-32x5/16 |
| 8X-311 | 1 | Screw, Retaining Spring, Rd. Hd. #10-32x3/8 |
| 12X-195 | 3 | Lockwasher, Lead Sc., #8 |
| 8X-1507 | 3 | Screw, Brush Lead, Bdg. Hd. #8-32x1/4 |
| X-1580 | 1 | BEARING, BALL, SEALED, S. A. E. #202 |

Armature Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|----------|----------|--|
| GAL-310 | 1 | Spacer, Arm. Shaft |
| GEO-30 | 1 | Coupling |
| GEO-31 | 1 | Washer, Coupling Retaining |
| GEY-2101 | 1 | ARMATURE |
| GK-174 | 1 | Washer, Shaft, D. E. Plain |
| X-63 | 1 | Screw, Coupling Mtg., Flat Hd. #8-32x3/8 |
| X-156 | 1 | Nut, Arm. Shaft, D. E. |
| X-260 | 1 | Key, Woodruff, C. E. #5 |
| X-263 | 1 | Key, Woodruff, D. E. #8 |
| X-404 | 1 | Pin, Cotter |

Drive End Head Assembly & Parts Used With

| | | |
|----------|---|--|
| GEO-1003 | 1 | Head Assy., Drive End |
| DB-17 | 1 | Washer, Plain, Felt Retaining |
| GAR-95 | 1 | Washer, Felt, Inner |
| GBC-25 | 1 | Retainer, Felt Washer, Inner |
| GEO-3 | 1 | Head, Drive End |
| GG-164 | 1 | Washer, Felt, Outer |
| GX-9 | 1 | Retainer, Bearing |
| X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| X-298 | 1 | BEARING, BALL, S. A. E. #204 |
| 8X-311 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x3/8 |
| X-489 | 1 | Oiler |

Miscellaneous Parts

| | | |
|---------|---|---|
| GBW-24B | 1 | Band, Cover |
| RA-4002 | 1 | RELAY ASSY., CUT-OUT |
| CB-123 | 1 | Spring, Armature |
| CB-160S | 1 | Cover, Relay |
| PX-55 | 1 | Screw, Bdg. Hd. #10-32x3/16 |
| X-196 | 2 | Lockwasher, #10 |
| 8X-312 | 1 | Screw, Rd. Hd. #10-32x1/4 |
| 12X-196 | 2 | Lockwasher, Mtg. Sc., #10 |
| 8X-321 | 2 | Screw, Relay Mtg., Rd. Hd. #10-32x5/16 |
| 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| 8X-794 | 1 | Nut, Cover Band, Square #10-32 |

| UNIT | APPLICATION |
|----------|-----------------------|
| GFW-4826 | Chris Craft, Hercules |

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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

GFY-4802 GENERATOR PARTS LIST

GFY-4802

| 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 |
| GFY-20 | 2 | Bolt, Thru | DG-1144 | 1 | Oil Thrower |
| GFY-34 | 2 | Gasket, Thru Bolt | GFY-22 | 1 | Spacer, Arm Shaft |
| (GFY-3001) | 1 | Frame & Field Assy. | GFY-38 | 1 | Washer, Shaft, D.E., Plain 1/2 |
| GAU-45 | 1 | Insulation, Field Connection | GFY-2092F | 1 | ARMATURE |
| GBY-38A | 4 | Screw, Pole Shoe | X-156 | 1 | Nut, Shaft, D.E. Castellated 1/2-20 |
| GFY-2005 | 1 | COIL ASSY., FIELD, COMPLETE | X-263 | 1 | Key, Woodruff, #8 |
| GFY-1007 | 1 | Coil Assy., Field, Left | X-404 | 1 | Pin, Cotter, 3/32x1 |
| GAL-261 | 1 | Lead Assy. | XA-694 | 1 | Oil Seal, Drive End |
| X-1425 | 1 | Terminal | Drive End Head Assembly & Parts Used With | | |
| X-959 | 1 | Terminal | GFY-1023 | 1 | Head Assy., Drive End |
| GFY-1008 | 1 | Coil, Field, Right | GFY-23 | 1 | Head, Drive End |
| MN-21 | 2 | Pin, Dowel | GFY-32 | 1 | Retainer, Bearing |
| 8X-140 | 1 | Nut, Field Ground Sc., Hex. #6-32 | GFY-33 | 1 | Gasket, Bearing Retainer |
| 8X-194 | 1 | Lockwasher, Field Grd. Sc., #6 | 8X-119 | 4 | Screw, Bearing, Retainer Fill. Hd. #10-32x1/2 |
| X-755 | 1 | Terminal, Armature | 8X-196 | 4 | Lockwasher, Retainer Sc., #10 |
| X-767 | 1 | Terminal, Field | X-489 | 1 | Oiler |
| 8X-1420 | 1 | Screw, Field Ground Flat Hd. #6-32x9/16 | X-2970 | 1 | BEARING, BALL |
| 8X-159 | 2 | Nut, Thru Bolt, Hex. 3/8-24 | Miscellaneous Parts | | |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | GFY-39 | 1 | Lead Assy., Ground, Reg. |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | X-755 | 2 | Terminal |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | GFY-1024A | 1 | Band, Cover |
| Comm. End Head Assembly & Parts Used With | | | VAK-13 | 1 | Gasket, Regulator Mtg. |
| DA-22 | 1 | Washer, Bearing Retaining | VAK-4001 | 1 | VOLTAGE REGULATOR |
| DA-39 | 1 | Washer, Plain, Felt Retaining | 8X-119 | 4 | Screw, Regulator Mtg., Fill. Hd. #10-32x1/2 |
| DA-60 | 1 | Screw, Bearing Retaining | 12X-196 | 4 | Lockwasher, Reg. Mtg. Sc., #10 |
| GBJ-25 | 1 | Gasket, C.E. Cover | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| GBJ-32A | 1 | Cover, Comm. End | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| GFY-28 | 1 | Washer, Felt | | | |
| GFY-3027 | 1 | Head Assy., Comm. End | | | |
| GBY-25A | 2 | Spring, Brush | | | |
| GBY-34A | 2 | Arm, Brush | | | |
| GFY-1012 | 2 | BRUSH | | | |
| 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 | | | |
| 12X-196 | 3 | Lockwasher, Cover Screw, #10 | | | |
| 12X-199 | 1 | Lockwasher, Brg. Retaining Sc., 1/4 | | | |
| X-295 | 1 | BEARING, BALL, S.A.E. #203 | | | |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | |
| X-489 | 1 | Oiler | | | |
| 8X-870 | 3 | Screw, Cover, Fill. Hd. #10-32x5/16 | | | |

| UNIT | APPLICATION |
|----------|---------------------|
| GFY-4802 | Caterpillar Tractor |

(Issued 4-1-49)

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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

GFZ-4801A,B GENERATOR PARTS LIST

GFZ-4801A,B

| Frame & Field Assembly & Parts Used With | | | | | Comm. End Head Assembly & Parts(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 |
| GDJ-38 | 4 | Washer, Insulating Field Term. | | | | 8X-118 | 6 | Screw, C.E. Head, Fil. Hd. #10-32x3/4 | | | | |
| * | 1 | Frame & Field Assy. | | | | 8X-119 | 4 | Screw, C.E. Cover, Fil. Hd., #10-32x1/2 | | | | |
| GBF-55 | 1 | Washer, Ins., Field Term.,Outer | | | | 12X-195 | 4 | Lockwasher, Brush Lead Sc., #8 | | | | |
| GBG-27A | 1 | Lead Assembly | | | | 12X-196 | 10 | Lockwasher C.E. Head & Cover Sc., #10 | | | | |
| GBG-121A | 1 | Terminal, 2 Wire | | | | 12X-199 | 1 | Lockwasher, Brg. Retain-ing Screw, 1/4 | | | | |
| X-1425 | 2 | Terminal | | | | 8X-305 | 4 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | |
| GCY-27 | 1 | Bushing, Ins., Field Term. | | | | X-489 | 1 | Oiler, Press in Type, 1/4 | | | | |
| GCY-28 | 1 | Bushing, Ins., Arm. Term. | | | | X-1528 | 1 | BALL BEARING, SAE #205 | | | | |
| GDJ-36 | 1 | Stud Arm. Term., 5/16-24 | | | | <u>Armature Assembly & Parts Used With</u> | | | | | | |
| GDJ-37 | 1 | Stud, Field Term., #10-32 | | | | GBG-49 | 2 | Spacer, Armature Shaft | | | | |
| GDJ-66 | 1 | Insulation, Arm. Term., Inner | | | | GBG-81 | 1 | Snap Ring | | | | |
| GDJ-67 | 1 | Insulation, Field Term., Inner | | | | GFZ-2065F1 | 1 | ARMATURE | | | | |
| GDJ-68 | 1 | Insulation, Field Term., Inner (formed) | | | | SP-227A | 1 | Fan, Ventilating | | | | |
| GFR-1005 | 1 | COIL ASSY., FIELD COMPLETE | | | | SP-649 | 1 | Pulley, Drive | | | | |
| GFR-1007B | 1 | Coil Assy., Field, U.R. | | | | 8X-158 | 1 | Nut, Armature Shaft, Hex., 1/2-20 | | | | |
| GBG-26 | 1 | Terminal | | | | 12X-198 | 1 | Lockwasher, Arm. Shaft, 1/2 | | | | |
| GFR-1008 | 1 | Coil, Field, L.L. | | | | X-261 | 1 | Key, Woodruff, D.E.,#6 | | | | |
| GFR-1009 | 1 | Coil, Field, L.R. | | | | X-263 | 1 | Key, Woodruff, D.E., #8 | | | | |
| GFR-1010 | 1 | Coil Assy., Field, U.L. | | | | 8X-358 | 1 | Washer, Plain, Arm. Shaft, 1/2 | | | | |
| X-1425 | 1 | Terminal | | | | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | |
| SS-179 | 3 | Insulating Tube | | | | GBG-1098 | 1 | Head Assy., Drive End | | | | |
| * | 2 | Condenser | | | | GBG-50 | 1 | Gasket, Bearing Retainer | | | | |
| MU-36 | 1 | Washer, Ins., Arm. Term.,Outer | | | | GBG-57 | 1 | Retainer, Felt Washer, Outer | | | | |
| MU-37 | 1 | Washer, Plain, Arm. Term., 5/16 | | | | GBG-58 | 1 | Washer, Felt | | | | |
| * | 2 | Screw, Cond. Mtg., Flat Hd., #8-32x9/16 | | | | GBG-98 | 1 | Head | | | | |
| 8X-183A | 1 | Washer, Plain, Field Term.,#10 | | | | GBG-1056 | 1 | Retainer Assy., Bearing | | | | |
| 12X-196 | 2 | Lockwasher Field Term., #10 | | | | GBG-56 | 1 | Retainer, Bearing | | | | |
| 12X-1014 | 2 | Lockwasher, Arm. Term., 5/16 | | | | GBG-57 | 1 | Retainer, Felt Washer | | | | |
| 8X-1376 | 2 | Nut, Arm. Term., hex.,5/16-24 | | | | GBG-58 | 1 | Washer, Felt | | | | |
| 8X-1377 | 2 | Nut, Field Term., Hex.,#10-32 | | | | 8X-119 | 4 | Screw, Retainer, Fil. Hd., #10-32x1/2 | | | | |
| MBD-145 | 1 | Washer, Insulating, Arm. Term. | | | | X-196 | 4 | Lockwasher, Retainer Sc., #10 | | | | |
| 8X-321 | 1 | Screw, Ground Rd. Hd., #10-32x 5/16 | | | | X-444 | 1 | Bearing, Ball, S.A.E. #305 | | | | |
| X-1270 | 2 | Washer, Field Term., Skpf.,#10 | | | | 8X-118 | 6 | Screw, D.E. Head, Fil. Hd., #10-32x3/4 | | | | |
| X-1284 | 3 | Washer, Arm. Term., Skpf., 5/16 | | | | X-394 | 1 | Oiler, Sleeve, 1/2-20 | | | | |
| 8X-1610 | 1 | Nut, Arm. Term., Hex., 5/16-24 | | | | 12X-544 | 6 | Lockwasher, D.E. Head Sc., # 10 | | | | |
| X-1737 | 2 | Washer, Field Term., Skpf., #10 | | | | <u>Miscellaneous Parts</u> | | | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | | | GBG-24B | 1 | Band, Cover | | | | | |
| DA-60 | 1 | Screw, Brg. Retaining, Hex. Hd., 1/4-28x5/8 | | | | 8X-714 | 1 | Screw, Cover Band, Rd. Hd., #10-32x 1 1/2 | | | | |
| GBG-66 | 1 | Washer, Bearing Retaining | | | | 8X-794 | 1 | Nut, Cover Band, Square, #10-32 1 2 3 4 5 | | | | |
| GCE-40 | 2 | Washer, Felt Retaining | | | | | | | | | | |
| GDJ-23 | 1 | Washer, Spring | | | | | | | | | | |
| GDJ-24 | 1 | Washer, Felt | | | | | | | | | | |
| GDJ-27 | 1 | Gasket, C.E. Cover | | | | | | | | | | |
| GDJ-63A | 1 | Cover, Comm. End | | | | | | | | | | |
| GDJ-2064 | 1 | Head Assembly, Comm. End | | | | | | | | | | |
| GBY-34 | 4 | Arm, Brush | | | | | | | | | | |
| GCE-53 | 4 | Spring, Brush | | | | | | | | | | |
| GDJ-1012† | 4 | Brush | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | | | | |

(Continued on Page 2)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

Page 2

† BRUSH SET, SERVICE, GDJ-2012S.
 * See table following parts list for part number applying to assembly wanted.

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

| Assembly No. | Frame & Field Assy. | Condenser | Screw Cond. Mtg |
|--------------|---------------------|-----------|-----------------|
| GFZ-4801A | GFR-2109 | None | None |
| GFZ-4801B | GFR-2154 | IGH-3076B | 8X-78 |

| UNIT | APPLICATION |
|------------|--|
| GF Z 4801A | Buda Co. R.H. Sheppard Co. Willys Overland |
| GFZ-4801B | Willys Overland |

(Issued 8-19-47)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA-4802 GENERATOR PARTS LIST

GGA-4802
(Issued 6-20-55)

| 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 | | | | |
| GGA-20 | 2 | Bolt, Thru | GCE-54 | 2 | Arm, Brush | | | | |
| GGA-2033 | 1 | Frame & Field Assembly | 8X-119 | 3 | Screw, Cover, Fill. Hd. #10-32x1/2 | | | | |
| GAA-32 | 1 | Washer, Ins., Arm. Term. Outer | 12X-195 | 2 | Lockwasher, Lead Screw, #8 | | | | |
| GAU-45 | 1 | Insulation, Field Connection | 12X-196 | 3 | Lockwasher, Cover Screw, #10 | | | | |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | 12X-199 | 1 | Lockwasher, Brg. Retaining Screw, 1/4 | | | | |
| GBY-38A | 4 | Screw, Pole Shoe | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | |
| GDD-27 | 1 | Bushing, Ins., Field Term. | X-489 | 1 | Oiler | | | | |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. | X-867 | 1 | BEARING, BALL, SHIELDED, S. A. E. #303 | | | | |
| GGA-52 | 1 | Insulation, Term. Stud, Inner | <u>Armature Assembly & Parts Used With</u> | | | | | | |
| GGA-1005A | 1 | COIL ASSY., FIELD COMPLETE | GBM-21B | 1 | Nut, Shaft, Hex., D. E. | | | | |
| GGA-1007A | 1 | Coil Assy., Field, Left | GCD-95 | 1 | Spacer, Shaft | | | | |
| GCD-79 | 1 | Lead Assembly | GFY-2093F | 1 | ARMATURE | | | | |
| X-1425 | 1 | Terminal | X-263 | 1 | Key, Woodruff, #8 | | | | |
| GEB-27 | 1 | Stud, Arm. Term. #14-24 | 12X-864 | 1 | Lockwasher, Shaft, D. E. | | | | |
| GGA-1008A | 1 | Coil Assy., Field, Right | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | |
| GEB-58 | 1 | Stud, Field Term. #10-32 | GGA-1032 | 1 | Head Assy., Drive End | | | | |
| MN-21 | 2 | Pin, Dowel | GAR-178 | 2 | Retainer, Bearing | | | | |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | GAR-179 | 2 | Retainer, Felt Washer | | | | |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GGA-32 | 1 | Head, Drive End | | | | |
| 12X-199 | 2 | Lockwasher, Arm. Term., 1/4 | GJ-147 | 2 | Washer, Felt | | | | |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 | 8X-173 | 3 | Nut, Retainer Sc., Hex. #10-32 | | | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 | 12X-196 | 3 | Lockwasher, Retainer Screw, #10 | | | | |
| 8X-1377 | 2 | Nut Field Term., Hex. #10-32 | X-298 | 1 | BEARING, BALL, S. A. E. #204 | | | | |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | 8X-306 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x1 | | | | |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | X-489 | 1 | Oiler | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | <u>Miscellaneous Parts</u> | | | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | GCD-24 | 1 | Band, Cover | | | | |
| DA-22 | 1 | Washer, Bearing Retaining | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | |
| DA-60 | 1 | Screw, Bearing Retaining | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| DB-17 | 1 | Washer, Plain, Felt Retaining | NOTE: VRX-4001BX CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | | | | | |
| DD-24C | 1 | Cover, Comm. End | † BRUSH SET, SERVICE GCD-2012S. | | | | | | |
| DD-44 | 1 | Gasket, C. E. Cover | <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">UNIT</th> <th style="padding: 5px;">APPLICATION</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">GGA-4802</td> <td style="padding: 5px;">Autocar</td> </tr> </tbody> </table> | | | UNIT | APPLICATION | GGA-4802 | Autocar |
| UNIT | APPLICATION | | | | | | | | |
| GGA-4802 | Autocar | | | | | | | | |
| GBY-28 | 1 | Washer, Felt | | | | | | | |
| GGA-2031 | 1 | Head Assy., Comm. End | | | | | | | |
| GBY-25 | 2 | Spring, Brush | | | | | | | |
| GBY-1012† | 2 | Brush | | | | | | | |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA-4803 GENERATOR PARTS LIST

GGA-4803

| 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 | |
| GCD-20A | 2 | Bolt, Thru | | | | | GAE-46 | 1 | Spacer, Armature Shaft | | | | | |
| (GGA-3036) | 1 | Frame & Field Assy. | | | | | GBM-21 | 1 | Nut, Arm. Shaft, C.E., Hex., .669-20 | | | | | |
| GAA-32 | 1 | Washer, Arm. Term. Ins. Outer | | | | | GFY-2096F | 1 | Armature | | | | | |
| GBW-34 | 1 | Washer, Field Term. Ins. Outer | | | | | SP-817 | 1 | Fan, Ventilating | | | | | |
| GBY-38A | 4 | Screw, Pole Shoe | | | | | X-157 | 1 | Nut Shaft, D.E., Slotted 1/2-20 | | | | | |
| GDD-27 | 1 | Bushing, Field Term. Ins. | | | | | X-260 | 1 | Key, Woodruff, #5 | | | | | |
| GDD-28 | 1 | Bushing, Arm. Term. Ins. | | | | | X-263 | 1 | Key, Woodruff #8 | | | | | |
| GGA-52 | 1 | Insulation, Term. Stud Inner | | | | | X-358 | 1 | Washer, Shaft, Plain 1/2 | | | | | |
| GGA-2005 | 1 | Coil Assy., Field Complete | | | | | X-404 | 1 | Pin, Cotter, 3/32x1 | | | | | |
| GGA-1007B | 1 | Coil Assy., Field Left | | | | | 12X-864 | 1 | Lockwasher, Shaft, C.E. | | | | | |
| GEB-58 | 1 | Stud, Field Terminal | | | | | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | | |
| GGA-1008B | 1 | Coil Assy., Field Right | | | | | GGA-1037 | 1 | Head Assy., Drive End | | | | | |
| GEB-27 | 1 | Stud, Terminal | | | | | GFM-4B | 4 | Screw, Bearing Retainer Fil. Hd. #10-32x1/2 | | | | | |
| X-1425 | 1 | Terminal | | | | | GGA-37 | 1 | Head, Drive End | | | | | |
| SS-179 | 1 | Insulating Tube | | | | | GGA-39 | 1 | Washer, Felt | | | | | |
| MN-21 | 2 | Pin, Dowel | | | | | GGA-40 | 1 | Retainer, Felt Washer | | | | | |
| 8X-177 | 2 | Nut, Arm. Term. Hex. #14-24 | | | | | GGA-42 | 1 | Retainer, Bearing | | | | | |
| 12X-193 | 2 | Lockwasher, Arm. Term. #14 | | | | | X-2926 | 1 | Bearing, Ball S.A.E. #304 | | | | | |
| 12X-196 | 2 | Lockwasher, Field Term. #10 | | | | | <u>Miscellaneous Parts</u> | | | | | | | |
| 8X-349 | 1 | Washer, Field Term. Plain #10 | | | | | GCD-24B | 1 | Band. Cover | | | | | |
| 8X-361 | 1 | Washer, Arm. Term. Plain 1/4 | | | | | 8X-715 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/4 | | | | | |
| 8X-1377 | 2 | Nut, Field Term. Hex. #10-32 | | | | | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | | |
| 8X-159 | 2 | Nut, Thru Bolt, Hex. 3/8-24 | | | | | | | 1 | 2 | 3 | 4 | 5 | |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | | | | | † Brush Set, Service GCD-2012S. | | | | | | | |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | | | | | NOTE:- VRX-4001B Current-Voltage Regulator is used with but is not a part of this generator. | | | | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x 5/16 | | | | | | | | | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | | | | | | | | | | | | |
| DB-17 | 2 | Washer, Plain, Felt Retaining | | | | | | | | | | | | |
| DD-44 | 1 | Gasket, C.E. Cover | | | | | | | | | | | | |
| GBY-28 | 1 | Washer, Felt. C.E. Outer | | | | | | | | | | | | |
| GCD-27A | 1 | Cover, Comm. End | | | | | | | | | | | | |
| GCD-28 | 1 | Washer, Felt, C.E. Inner | | | | | | | | | | | | |
| GGA-3035 | 1 | Head Assy., Comm. End | | | | | | | | | | | | |
| GBY-25 | 2 | Spring, Brush | | | | | | | | | | | | |
| GBY-34 | 2 | Arm Brush | | | | | | | | | | | | |
| GBY-1012† | 2 | Brush | | | | | | | | | | | | |
| 12X-195 | 2 | Lockwasher, Brush Lead #8 | | | | | | | | | | | | |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | | | | | | | | | |
| X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 | | | | | | | | | | | | |
| 8X-726 | 3 | Screw, C.E. Cover, Bdg. Hd. #10-32x7/16 | | | | | | | | | | | | |
| X-867 | 1 | Bearing, Ball, Shielded, S.A.E. #303 | | | | | | | | | | | | |
| X-1270 | 3 | Washer, C.E. Cover, Skpf. #10 | | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | | | | | | |

| | |
|----------|-------------|
| UNIT | APPLICATION |
| GGA-4803 | Autocar |

(Issued 10-9-46)

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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

GGA-4805A,B GENERATOR PARTS LIST

GGA-4805A,B

| Frame & Field Assembly & Parts Used With | | | | | | |
|---|----------|---|---|---|-----|---|
| Part No. | No. Used | Name of Part | | | | |
| | | 1 | 2 | 3 | 4 | 5 |
| GCD-20A | 2 | Bolt, Thru | | | | |
| (GGA-2033) | 1 | Frame & Field Assy. | | | | |
| GAA-32 | 1 | Washer, Ins. Arm. Term. Outer | | | | |
| GAU-45 | 1 | Insulation, Field Connection | | | | |
| GBW-34 | 1 | Washer, Ins. Field Term. Outer | | | | |
| GBW-66 | 1 | Insulation, Arm. Term. Inner | | | | |
| GBW-67 | 1 | Insulation, Field Term. Inner | | | | |
| GBY-38A | 4 | Screw, Pole Shoe | | | | |
| GDD-27 | 1 | Bushing, Ins. Field Term. | | | | |
| GDD-28 | 1 | Bushing, Ins. Arm. Term. | | | | |
| GGA-1005A | 1 | Coil Assy., Field, Comp. | | | | |
| GEB-58 | 1 | Stud, Field Term. #10-32 | | | | |
| GGA-1007A | 1 | Coil Assy., Field, Left | | | | |
| GCD-79 | 1 | Lead Assembly | | | | |
| X-1425 | 1 | Terminal | | | | |
| GEB-27 | 1 | Stud, Arm. Term. #14-24 | | | | |
| GGA-1008A | 1 | Coil, Field, Right | | | | |
| MN-21 | 2 | Pin, Dowel | | | | |
| 8X-177 | 2 | Nut, Arm. Term. Hex. #14-24 | | | | |
| 12X-193 | 2 | Lockwasher, Arm. Term. #14 | | | | |
| 12X-196 | 2 | Lockwasher, Field Term. #10 | | | | |
| 8X-349 | 1 | Washer, Plain, Field Term. #10 | | | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term. 1/4 | | | | |
| 8X-1377 | 2 | Nut, Field Term. Hex. #10-32 | | | | |
| 8X-159 | 2 | Nut, Thru Bolt, Hex., 3/8-24 | | | | |
| 12X-196 | 1 | Lockwasher, Ground Sc. #10 | | | | |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd., #10-32x5/16 | | | | |
| Comm. End Head Assembly & Parts Used With | | | | | | |
| DA-22 | 1 | Washer, Brg. Retaining | | | | |
| DA-60 | 1 | Screw, Brg. Retaining | | | | |
| DB-17 | 1 | Washer, Plain, Felt Retaining | | | | |
| DD-24C | 1 | Cover, Comm. End | | | | |
| DD-44 | 1 | Gasket, C.E. Cover | | | | |
| GBY-28 | 1 | Washer, Felt | | | | |
| GGA-2046 | 1 | Head Assy., Comm. End | | | | |
| GBY-25 | 2 | Spring, Brush | | | | |
| GBY-34 | 2 | Arm, Brush | | | | |
| GBY-1012† | 2 | Brush | | | | |
| 8X-119 | 3 | Screw, Attaching, Cover, Fil. Hd., #10-32x1/2 | | | | |
| 12X-195 | 2 | Lockwasher, Br. Lead, #8 | | | | |
| 12X-199 | 1 | Lockwasher, Brg. Retaining | | | | |
| | | Screw, 1/4 | | | | |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd., #8-32x1/4 | | | | |
| | | 1 | 2 | 3 | 4 5 | |

| Comm. End Head Assembly (Continued) | | | | | | |
|---|----------|---|---|---|-----|---|
| Part No. | No. Used | Name of Part | | | | |
| | | 1 | 2 | 3 | 4 | 5 |
| X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 | | | | |
| 12X-544 | 3 | Lockwasher, Cover Holding Sc., #10 | | | | |
| X-867 | 1 | Bearing, Ball, Shielded, S.A.E. #303 | | | | |
| Armature Assembly & Parts Used With | | | | | | |
| GBM-21B | 1 | Nut, Armature Shaft | | | | |
| GFY-2097F | 1 | Armature | | | | |
| GGA-48 | 1 | Spacer, Armature Shaft | | | | |
| * | 1 | Pulley, Drive | | | | |
| X-263 | 1 | Key, Woodruff, #8 | | | | |
| 12X-864 | 1 | Lockwasher, Arm. Shaft | | | | |
| Drive End Head Assembly & Parts Used With | | | | | | |
| GGA-1047 | 1 | Head Assy., Drive End | | | | |
| GAR-178 | 2 | Retainer, Bearing | | | | |
| GAR-179 | 2 | Retainer, Felt Washer | | | | |
| GGA-47 | 1 | Head | | | | |
| GJ-147 | 2 | Washer, Felt | | | | |
| 8X-173 | 3 | Nut, Retainer Sc. Hex. #10-32 | | | | |
| 12X-196 | 3 | Lockwasher, Retainer Sc. #10 | | | | |
| X-298 | 1 | Bearing, Ball S.A.E. #204 | | | | |
| 8X-306 | 3 | Screw, Brg. Retainer Rd. Hd. #10-32x1 | | | | |
| X-489 | 1 | Oiler, Press in Type 1/4 | | | | |
| Miscellaneous Parts | | | | | | |
| GCD-24B | 1 | Band, Cover | | | | |
| 8X-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 | |

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

† Brush Set, Service GCD-2012S.

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

| Assembly No. | Pulley, Drive |
|--------------|---------------|
| GGA-4805A | SP-823 |
| GGA-4805B | SP-825 |

| Unit | Application |
|-----------|-------------------------------|
| GGA-4805A | Ward LaFrance, Volvo (Export) |
| GGA-4805B | Ward LaFrance |

(Issued 11-11-46)

File in
Equipment & Parts List Binder

Printed in U. S. A.

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA-4807 GENERATOR PARTS LIST

GGA-4807

| Frame & Field Assembly & Parts Used With | | | | | Armature Assembly & Parts Used With | | | | | | | |
|--|-----|---|---|---|-------------------------------------|---|-----|---|---|---|---|---|
| Part No. | No. | Name of Part | | | | Part No. | No. | Name of Part | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | 1 | 2 | 3 | 4 | 5 |
| GGA-20 | 2 | Bolt, Thru | | | | GBM-21B | 1 | Nut, Armature Shaft | | | | |
| (GGA-2036) | 1 | Frame & Field Assembly | | | | GEH-46 | 1 | Spacer, Shaft | | | | |
| GAA-32 | 1 | Washer, Ins. Arm. Term., Outer | | | | GEH-47 | 1 | Oil Thrower | | | | |
| GAU-45 | 1 | Insulation, Field Connection | | | | GFY-2098F | 1 | ARMATURE | | | | |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | | | | SP-853 | 1 | Fan, Ventilating | | | | |
| GBY-38A | 4 | Screw, Pole Shoe | | | | X-260 | 1 | Key, Woodruff, #5 | | | | |
| GDD-27 | 1 | Bushing, Ins., Field Term. | | | | 12X-864 | 1 | Lockwasher, Shaft, C.E. | | | | |
| GDD-28 | 1 | Bushing, Ins. Arm. Term. | | | | Drive End Head Assembly & Parts Used With | | | | | | |
| GGA-52 | 1 | Insulation, Term. Stud Inner | | | | GGA-1058S | 1 | Head Assy., Drive End | | | | |
| GGA-1005A | 1 | COIL ASSY., FIELD, COMPLETE | | | | DG-72 | 1 | Retainer, Bearing, Inner | | | | |
| GGA-1007A | 1 | Coil Assy., Field, Left | | | | G-118 | 2 | Washer, Felt | | | | |
| GCD-79 | 1 | Lead Assy. | | | | GEH-44 | 1 | Retainer, Bearing, Outer | | | | |
| X-1425 | 1 | Terminal | | | | GEH-45 | 2 | Retainer, Felt Washer | | | | |
| GEB-27 | 1 | Stud, Arm. Term. #14-24 | | | | GGA-58S | 1 | Head | | | | |
| GGA-1008A | 1 | Coil, Field, Right | | | | 8X-173 | 3 | Nut, Retainer, Sc. Hex., #10-32 | | | | |
| GEB-58 | 1 | Stud, Field Term. #10-32 | | | | 12X-196 | 3 | Lockwasher, Retainer Sc. #10 | | | | |
| MN-21 | 2 | Pin, Dowel | | | | X-300 | 1 | BEARING: BALL, S.A.E. #205 | | | | |
| 8X-177 | 2 | Nut, Arm. Term. Hex. #14-24 | | | | 8X-306 | 3 | Screw, Brg. Retaining Rd. Hd. #10-32x1 | | | | |
| 12X-193 | 2 | Lockwasher, Arm. Term. #14 | | | | X-489 | 1 | Oiler, Press in Type, 1/4 | | | | |
| 12X-196 | 2 | Lockwasher, Field Term. #10 | | | | Miscellaneous Parts | | | | | | |
| 8X-349 | 1 | Washer, Plain, Field Term. #10 | | | | GCD-24 | 1 | Band, Cover | | | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term. 1/4 | | | | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | |
| 8X-1377 | 2 | Nut, Field Term. Hex. #10-32 | | | | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| 8X-159 | 2 | Nut, Thru Bolt, Hex. 3/8-24 | | | | | | 1 | 2 | 3 | 4 | 5 |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | | | | NOTE:- VAT-4001A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | | | | | |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | | | | † BRUSH SET, SERVICE GCD-2012S. | | | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | | | | † BRUSH SET, SERVICE GCD-2012S. | | | | | | |
| Comm. End Head Assembly & Parts Used With | | | | | | | | | | | | |
| DB-17 | 2 | Washer, Plain, Felt Retaining | | | | | | | | | | |
| DD-44 | 1 | Gasket, C.E. Cover | | | | | | | | | | |
| GBY-28 | 1 | Washer, Felt, C.E. Outer | | | | | | | | | | |
| GCD-27A | 1 | Cover, Comm. End | | | | | | | | | | |
| GCD-28 | 1 | Washer, Felt C.E. Inner | | | | | | | | | | |
| GGA-2057 | 1 | Head Assy., Comm. End | | | | | | | | | | |
| GBY-25 | 2 | Spring, Brush | | | | | | | | | | |
| GBY-34 | 2 | Arm, Brush | | | | | | | | | | |
| GBY-1012† | 2 | Brush | | | | | | | | | | |
| 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 | | | | | | | | | | |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1 1/4 | | | | | | | | | | |
| X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 | | | | | | | | | | |
| 8X-726 | 3 | Screw, C.E. Cover, Bdg. Hd. #10-32x7/16 | | | | | | | | | | |
| X-867 | 1 | BEARING, BALL SHIELDED, S.A.E. #303 | | | | | | | | | | |
| X-1270 | 3 | Washer, C.E. Cover, Skpf. #10 | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | | | | |

| | |
|----------|---------------|
| UNIT | APPLICATION |
| GGA-4807 | Ward LaFrance |

(Issued 8-18-47)

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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

GGA-4808A GENERATOR PARTS LIST

GGA-4808A

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part | | | | |
|------------|----------|--|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| GCD-20A | 2 | Bolt, Thru | | | | |
| GGA-60 | 1 | Bracket, Gen. Mtg. | | | | |
| (GGA-2033) | 1 | Frame & Field Assy. | | | | |
| GAA-32 | 1 | Washer Ins. Arm. Term. Outer | | | | |
| GAU-45 | 1 | Insulation, Field Connection | | | | |
| GBW-34 | 1 | Washer, Ins. Field Term. Outer | | | | |
| GBY-38A | 4 | Screw, Pole Shoe | | | | |
| GDD-27 | 1 | Bushing, Ins. Field Term. | | | | |
| GDD-28 | 1 | Bushing, Ins. Arm. Term. | | | | |
| GGA-52 | 1 | Insulation, Term. Stud, Inner | | | | |
| GGA-1005A | 1 | Coil Assy., Field, Complete | | | | |
| GEB-58 | 1 | Stud, Field Term. #10-32 | | | | |
| GGA-1007A | 1 | Coil Assy., Field, Left | | | | |
| GCD-79 | 1 | Lead Assy. | | | | |
| X-1425 | 1 | Terminal | | | | |
| GEB-27 | 1 | Stud, Arm. Term. #14-24 | | | | |
| GGA-1008A | 1 | Coil, Field, Right | | | | |
| MN-21 | 2 | Pin, Dowel | | | | |
| 8X-177 | 2 | Nut, Arm. Term. Hex. #14-24 | | | | |
| 12X-193 | 2 | Lockwasher, Arm. Term. #14 | | | | |
| 12X-196 | 2 | Lockwasher, Field Term. #10 | | | | |
| 8X-349 | 1 | Washer, Plain, Field Term. #10 | | | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term. 1/4 | | | | |
| 8X-1377 | 2 | Nut, Field Term. Hex. #10-32 | | | | |
| 8X-149 | 2 | Nut, Gen. Mtg. Bracket Hex. Hd. 7/16-14 | | | | |
| 8X-159 | 2 | Nut, Thru Bolt, Hex. 3/8-24 | | | | |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | | | | |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | | | | |
| 12X-205 | 2 | Lockwasher, Mtg. Bracket, 7/16 | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x 5/16 | | | | |
| 8X-2960 | 2 | Screw, Gen. Mtg. Bracket, Hex. Hd. 7/16-14x1 3/8 | | | | |

Comm. End Head Assembly & Parts Used With

| | | | | | | |
|-----------|---|------------------------------------|---|---|---|---|
| DA-22 | 1 | Washer, Bearing Retaining | | | | |
| DA-60 | 1 | Screw, Bearing, Retaining | | | | |
| DB-17 | 1 | Washer, Plain, Felt Retaining | | | | |
| DD-24C | 1 | Cover, Comm. End | | | | |
| DD-44 | 1 | Gasket, C.E. Cover | | | | |
| GBY-28 | 1 | Washer, Felt | | | | |
| GGA-2021 | 1 | Head Assy. Comm. End | | | | |
| GBY-25 | 2 | Spring, Brush | | | | |
| GBY-34 | 2 | Arm, Brush | | | | |
| GBY-1012† | 2 | Brush | | | | |
| 8X-119 | 3 | Screw, Cover, Fil. Hd. #10-32x 1/2 | | | | |
| 12X-195 | 2 | Lockwasher, Brush Lead Sc. #8 | | | | |
| | | 1 | 2 | 3 | 4 | 5 |

Comm. End Head Assembly (Continued)

| Part No. | No. Used | Name of Part | | | | |
|----------|----------|--------------------------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| 12X-199 | 1 | Lockwasher, Brg. Retaining Sc., 1/4 | | | | |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | |
| X-867 | 1 | Bearing, Ball, Sealed, S.A.E. #303 | | | | |
| X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 | | | | |
| 12X-544 | 3 | Lockwasher, Cover Screw, #10 | | | | |

Armature Assembly & Parts Used With

| | | | | | | |
|-----------|---|------------------------|--|--|--|--|
| GBM-21 | 1 | Nut, Armature Shaft | | | | |
| GFY-2097F | 1 | Armature | | | | |
| GGA-48 | 1 | Spacer, Armature Shaft | | | | |
| SP-825 | 1 | Pulley, Drive | | | | |
| X-263 | 1 | Key, Woodruff, #8 | | | | |
| 12X-864 | 1 | Lockwasher, Shaft | | | | |

Drive End Head Assembly & Parts Used With

| | | | | | | |
|----------|---|---------------------------------------|--|--|--|--|
| GGA-1043 | 1 | Head Assy., Drive End | | | | |
| GAR-178 | 2 | Retainer, Bearing | | | | |
| GAR-179 | 2 | Retainer, Felt Washer | | | | |
| GGA-43 | 1 | Head | | | | |
| GJ-147 | 2 | Felt, Retainer | | | | |
| 8X-173 | 3 | Nut, Retainer Sc. Hex. #10-32 | | | | |
| 12X-196 | 3 | Lockwasher, Retainer Sc. #10 | | | | |
| X-298 | 1 | Bearing, Ball S.A.E. #204 | | | | |
| 8X-306 | 3 | Screw, Brg. Retainer Rd. Hd. #10-32x1 | | | | |
| X-489 | 1 | Oiler, Press in type 1/4 | | | | |

Miscellaneous Parts

| | | | | | | |
|---------|---|---|---|---|---|---|
| GCD-24B | 1 | Band Cover | | | | |
| 8X-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 GCD-2012S.

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

| Unit | Application |
|-----------|-------------|
| GGA-4808A | 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."



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA-4810 GENERATOR PARTS LIST

GGA-4810

| 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 | |
| GCD-20A | 2 | Bolt, Thru | | | | | GAE-46 | 1 | Spacer, Armature Shaft | | | | | |
| (GGA-3064) | 1 | Frame & Field Assy. | | | | | GBM-21 | 1 | Nut, Arm. Shaft, C.E., Hex., .669-20 | | | | | |
| GAA-32 | 2 | Washer, Arm. Term. Ins. Outer | | | | | GFY-2096F | 1 | Armature | | | | | |
| GBW-34 | 1 | Washer, Field Term. Ins. Outer | | | | | SP-817 | 1 | Fan, Ventilating | | | | | |
| GBY-38A | 4 | Screw, Pole Shoe | | | | | 8X-157 | 1 | Nut, Shaft, D.E., Slotted 1/2-20 | | | | | |
| GDD-27 | 1 | Bushing, Field Term. Ins. | | | | | X-260 | 1 | Key, Woodruff, #5 | | | | | |
| GDD-28 | 1 | Bushing, Arm. Term. Ins. | | | | | X-263 | 1 | Key, Woodruff, #8 | | | | | |
| GGA-66 | 1 | Insulation, Term. Stud Inner | | | | | 8X-358 | 1 | Washer, Shaft, Plain 1/2 | | | | | |
| GGA-2005B | 1 | Coil Assy., Field Complete | | | | | X-404 | 1 | Pin, Cotter 3/32x1 | | | | | |
| GGA-1007B | 1 | Coil Assy., Field Left Stud, Field Terminal | | | | | 12X-864 | 1 | Lockwasher, Shaft | | | | | |
| GEB-58 | 1 | Coil Assy., Field Right Lead Assy. | | | | | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | | |
| GGA-1008E | 1 | Post Arm. Term., #14-24 Terminal | | | | | GGA-1037 | 1 | Head Assy., Drive End | | | | | |
| GGA-30 | 1 | Stud, Arm. Term. #14-24 | | | | | GFM-4B | 4 | Screw, Bearing Retainer Fil. Hd. #10-32x1/2 | | | | | |
| GEB-27 | 1 | Terminal | | | | | GGA-37 | 1 | Head, Drive End | | | | | |
| X-1425 | 1 | Insulating, Tube | | | | | GGA-39 | 1 | Washer, Felt | | | | | |
| SS-179 | 1 | Pin, Dowel | | | | | GGA-40 | 1 | Retainer, Felt Washer | | | | | |
| MN-21 | 2 | Nut, Term. Stud Hex. #14-24 | | | | | GGA-42 | 1 | Retainer, Bearing | | | | | |
| 8X-177 | 4 | Lockwasher, Term. Stud #14 | | | | | X-2926 | 1 | Bearing, Ball, S.A.E. #304 | | | | | |
| 12X-193 | 4 | Lockwasher, Field Term. #10 | | | | | <u>Miscellaneous Parts</u> | | | | | | | |
| 12X-196 | 2 | Washer, Field Term. Plain #10 | | | | | GCD-24B | 1 | Band, Cover | | | | | |
| 8X-349 | 1 | Washer, Arm. Term. Plain 1/4 | | | | | 8X-715 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/4 | | | | | |
| 8X-361 | 2 | Nut, Field Term. Hex. #10-32 | | | | | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | | |
| 8X-1377 | 2 | Nut, Thru Bolt, Hex. 3/8-24 | | | | | | | 1 | 2 | 3 | 4 | 5 | |
| 8X-159 | 2 | Lockwasher, Thru Bolt, 3/8 | | | | | | | | | | | | |
| 12X-201 | 2 | | | | | | | | | | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | | | | | | | | | | | | |
| DB-17 | 2 | Washer, Plain, Felt Retaining | | | | | | | | | | | | |
| DD-44 | 1 | Gasket, C.E. Cover | | | | | | | | | | | | |
| GBY-28 | 1 | Washer, Felt, C. E. Outer | | | | | | | | | | | | |
| GCD-27A | 1 | Cover, Comm. End | | | | | | | | | | | | |
| GCD-28 | 1 | Washer, Felt | | | | | | | | | | | | |
| GGA-3065 | 1 | Head Assy., Comm. End | | | | | | | | | | | | |
| GBY-25 | 2 | Spring, Brush | | | | | | | | | | | | |
| GBY-34 | 2 | Arm, Brush | | | | | | | | | | | | |
| GBY-1012† | 2 | Brush | | | | | | | | | | | | |
| 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 | | | | | | | | | | | | |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | | | | | | | | | |
| X-489 | 1 | Oiler, Hinge Top Press in, 1/4 | | | | | | | | | | | | |
| X-726 | 3 | Screw, C.E. Cover, Bdg. Hd. #10-32x7/16 | | | | | | | | | | | | |
| X-867 | 1 | Bearing, Ball, Shielded, S.A.E. #303 | | | | | | | | | | | | |
| X-1270 | 3 | Washer, C.E. Cover, Skpf. #10 | | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | | | | | | |

† Brush Set, Service GCD-2012S.

NOTE:- VRX-4004A Current-Voltage Regulator is used with but is not a part of this generator.

| | |
|----------|-------------|
| UNIT | APPLICATION |
| GGA-4810 | Autocar |

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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

GGA-4812A GENERATOR PARTS LIST

GGA-4812A

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|------------|----------|------------------------------------|
| GGA-20 | 2 | Bolt, Thru |
| (GGA-2033) | 1 | Frame & Field Assy. |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer |
| GAU-45 | 1 | Insulation, Field Connection |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer |
| GBY-38A | 4 | Screw, Pole Shoe |
| GDD-27 | 1 | Bushing, Ins., Field Term. |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. |
| GGA-52 | 1 | Insulation, Term. Stud, Inner |
| GGA-1005A | 1 | COIL ASSY., FIELD, COMPLETE |
| GGA-1007A | 1 | Coil Assy., Field, Left |
| GCD-79 | 1 | Lead Assembly |
| X-1425 | 1 | Terminal |
| GEB-27 | 1 | Stud, Arm. Term., #14-24 |
| GGA-1008A | 1 | Coil Assy., Field, Right |
| GEB-58 | 1 | Stud, Field Term., #10-32 |
| MN-21 | 2 | Pin, Dowel |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 |
| 12X-196 | 2 | Lockwasher, Field Term., #10 |
| 12X-199 | 2 | Lockwasher, Arm. Term., #14 |
| 8X-349 | 1 | Washer, Field Term., Plain #10 |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 |

Comm. End Head Assembly & Parts Used With

| | | |
|-----------|---|------------------------------------|
| DA-22 | 1 | Washer, Bearing Retaining |
| DA-60 | 1 | Screw, Bearing Retaining |
| DB-17 | 1 | Washer, Plain, Felt Retaining |
| DD-24C | 1 | Cover, Comm. End |
| DD-44 | 1 | Gasket, C.E. Cover |
| GBY-28 | 1 | Washer, Felt |
| GGJ-2021 | 1 | Head Assy., Comm. End |
| GBY-25 | 2 | Spring, Brush |
| GBY-1012† | 2 | Brush |
| GCE-54 | 2 | Arm, Brush |
| 8X-119 | 3 | Screw, Cover, Fill. Hd. #10-32x1/2 |
| 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 |
| 12X-196 | 3 | Lockwasher, Cover Screw, #10 |

Comm. End Head Assy., (Cont'd.)

| Part No. | No. Used | Name of Part |
|----------|----------|--------------------------------------|
| 12X-199 | 1 | Lockwasher, Brg. Retaining Sc., 1/4 |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| X-489 | 1 | Oiler |
| X-867 | 1 | BEARING, BALL, SHIELDED, S.A.E. #303 |

Armature Assembly & Parts Used With

| | | |
|-----------|---|-------------------------|
| GBM-21B | 1 | Nut, Arm. Shaft, D.E. |
| GFY-2101F | 1 | ARMATURE |
| GGA-70 | 1 | Spacer, Arm. Shaft |
| SP-865 | 1 | Pulley, Drive |
| X-263 | 1 | Key, Woodruff, #8 |
| 12X-864 | 1 | Lockwasher, Shaft, D.E. |

Drive End Head Assembly & Parts Used With

| | | |
|----------|---|-------------------------------------|
| GGA-1068 | 1 | Head Assy., Drive End |
| GAR-178 | 1 | Retainer, Bearing |
| GAR-179 | 1 | Retainer, Felt Washer, Inner |
| GGA-68 | 1 | Head, Drive End |
| GGA-69 | 1 | Retainer, Felt Washer, Outer |
| GJ-147 | 2 | Washer, Felt |
| 12X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| X-298 | 1 | BEARING, BALL, S.A.E. #204 |
| 8X-311 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 |
| X-489 | 1 | Oiler |

Miscellaneous Parts

| | | |
|--------|---|---|
| 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: VAT-4001A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

| UNIT | APPLICATION |
|-----------|------------------|
| GGA-4812A | Hug Co., Oshkosh |

(Issued 3-30-50)

Printed in U. S. A.

File in
Equipment & Parts List Binder

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA-4813 GENERATOR PARTS LIST

GGA-4813

| Frame & Field Assembly & Parts Used With | | | Comm. End Head Assy. (Continued) | | |
|--|----------|---|---|----------|---|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part |
| GGA-20 | 2 | Bolt, Thru | GBY-1012† | 2 | Brush |
| (GGA-2055A) | 1 | Frame & Field Assy. | GCE-54 | 2 | Arm, Brush |
| DG-41S | 1 | Bracket, Gen. Mtg. | 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 |
| GAU-45 | 1 | Insulation, Field Connection | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | X-489 | 1 | Oiler |
| GBY-38A | 4 | Screw, Pole Shoe | 8X-726 | 3 | Screw, C.E. Cover, Bdg. Hd. #10-32x7/16 |
| GDD-27 | 1 | Bushing, Ins., Field Term., Inner | X-867 | 1 | BEARING, BALL, SHIELDED, S.A.E. #303 |
| GDD-28 | 1 | Bushing, Ins., Field Term., Inner | X-1270 | 3 | Washer, Cover Sc., Skpf. #10 |
| GDW-44 | 1 | Washer, Ins., Field Term., Outer | <u>Armature Assembly & Parts Used With</u> | | |
| GGA-52 | 1 | Insulation, Term. Stud, Inner | DA-70 | 1 | Nut, Shaft, Drive End |
| GGA-1005A | 1 | COIL ASSY., FIELD, COMPLETE | GBM-21B | 1 | Nut, Arm. Shaft, C.E. |
| GGA-1007A | 1 | Coil Assy., Field, Left | GFY-2059F | 1 | ARMATURE |
| GCD-79 | 1 | Lead Assembly | GJ-179A | 1 | Washer, Shaft, Plain |
| X-1425 | 1 | Terminal | SP-853 | 1 | Fan, Ventilating |
| GEB-27 | 1 | Stud, Arm. Term., #14-24 | 8X-160 | 1 | Nut, Shaft, D.E., Hex. 7/16-20 |
| GGA-1008A | 1 | Coil Assy., Field, Right | 12X-205 | 1 | Lockwasher, Shaft, D.E., 7/16 |
| GEB-58 | 1 | Stud, Field Term., #10-32 | X-260 | 1 | Key, Woodruff, D.E., #5 |
| MN-21 | 2 | Pin, Dowel | X-261 | 1 | Key, Woodruff, D.E., #6 |
| 8X-82 | 4 | Screw, Mtg. Bracket, Flat Hd. 1/4-28x9/16 | 12X-864 | 1 | Lockwasher, Shaft, C.E. |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | <u>Drive End Head Assembly & Parts Used With</u> | | |
| 12X-193 | 2 | Lockwasher, Arm. Term., #14 | GCD-1033 | 1 | Head Assy., Drive End |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GAB-188 | 2 | Washer, Felt |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 | GAR-179 | 2 | Retainer, Felt Washer |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 | GBY-27 | 2 | Retainer, Bearing |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | GCD-33 | 1 | Head, Drive End |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | 8X-173 | 3 | Nut, Retainer Sc., Hex. #10-32 |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | 8X-306 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x1 |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | X-365 | 1 | BEARING, BALL, S.A.E. #303 |
| DB-17 | 2 | Washer, Plain, Felt Retaining | X-489 | 1 | Oiler |
| DD-44 | 1 | Gasket, C.E. Cover | <u>Miscellaneous Parts</u> | | |
| GBY-28 | 1 | Washer, Felt, C.E. Outer | GCD-24 | 1 | Band, Cover |
| GCD-27A | 1 | Cover, Comm. End | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| GCD-28 | 1 | Washer, Felt, C.E. Inner | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| GGA-2057 | 1 | Head Assy., Comm. End | † BRUSH SET, SERVICE GCD-2012S. | | |
| GBY-25 | 2 | Spring, Brush | NOTE: - VAT-4001A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | |

| | |
|----------|-------------|
| UNIT | APPLICATION |
| GGA-4813 | Buda |

(Issued 6-28-49)

Printed in U. S. A.

File in
Equipment & Parts List Binder

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA-4814, A, B, C, D, E, F, G, H GENERATOR PARTS LIST

GGA-4814A, B, C,
D, E, F, G, H
(Issued 1-30-52)

| <u>Frame & Field Assembly & Parts Used With</u> | | |
|---|----------|---|
| Part No. | No. Used | Name of Part |
| GGA-20 | 2 | Bolt, Thru |
| * | 1 | Bracket, Gen. Mtg. |
| GGA-2033 | 1 | Frame & Field Assy. |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer |
| GAU-45 | 1 | Insulation, Field Connection |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer |
| GBY-38A | 4 | Screw, Pole Shoe |
| GDD-27 | 1 | Bushing, Ins., Field Term. |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. |
| GGA-52 | 1 | Insulation, Term. Stud, Inner |
| GGA-1005A | 1 | COIL ASSY., FIELD, COMPLETE |
| GGA-1007A | 1 | Coil Assy., Field, Left |
| GCD-79 | 1 | Lead Assy. |
| X-1425 | 1 | Terminal |
| GEB-27 | 1 | Stud, Arm. Term., #14-24 |
| GGA-1008A | 1 | Coil Assy., Field, Right |
| GEB-58 | 1 | Stud, Field Term., #10-32 |
| MN-21 | 2 | Pin, Dowel |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 |
| 12X-196 | 2 | Lockwasher, Field Term., #10 |
| 12X-199 | 2 | Lockwasher, Arm. Term., #14 |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 |
| * | 2 | Nut, Mtg. Bracket, Hex. Hd. 7/16-14 |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 |
| 12X-201 | 2 | Lockwasher, Term. Stud, 3/8 |
| * | 2 | Lockwasher, Mtg. Brkt., 7/16 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 |
| * | 2 | Screw, Mtg. Bracket, Hex. Hd. 7/16-14x1 3/8 |

Comm. End Head Assembly & Parts Used With

| | | |
|--------|---|-------------------------------|
| DA-22 | 1 | Washer, Bearing Retaining Sc. |
| DA-60 | 1 | Screw, Bearing Retaining |
| DB-17 | 1 | Washer, Plain, Felt Retaining |
| DD-24C | 1 | Cover, Comm. End |
| DD-44 | 1 | Gasket, C. E. Cover |
| GBY-28 | 1 | Washer, Felt |

Comm. End Head Assembly (Continued)

| Part No. | No. Used | Name of Part |
|-----------|----------|--|
| GCD-2012S | 1 | BRUSH SET, SERVICE |
| GGJ-2021S | 1 | Head Assy., Comm. End |
| GBY-25 | 2 | Spring, Brush |
| GCE-54 | 2 | Arm, Brush |
| 8X-119 | 3 | Screw, Cover, Fill. Hd. #10-32x1/2 |
| 12X-195 | 2 | Lockwasher, Lead Sc., #8 |
| 12X-196 | 3 | Lockwasher, Cover Screw, #10 |
| 12X-199 | 1 | Lockwasher, Brg. Retaining Sc., 1/4 |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| X-489 | 1 | Oiler |
| X-867 | 1 | BEARING, BALL, SHIELDED, S. A. E. #303 |

Armature Assembly & Parts Used With

| | | |
|-----------|---|--------------------------|
| GBM-21B | 1 | Nut, Arm. Shaft, D. E. |
| GFY-2093F | 1 | ARMATURE |
| GGA-70 | 1 | Spacer, Armature Shaft |
| * | 1 | Pulley, Drive |
| X-263 | 1 | Key, Woodruff, #8 |
| 12X-864 | 1 | Lockwasher, Shaft, D. E. |

Drive End Head Assembly & Parts Used With

| | | |
|----------|---|-------------------------------------|
| GGA-1068 | 1 | Head Assy., Drive End |
| GAR-178 | 1 | Retainer, Bearing |
| GAR-179 | 1 | Retainer, Felt Washer |
| GGA-68 | 1 | Head, Drive End |
| GGA-69 | 1 | Retainer, Felt Washer |
| GJ-147 | 2 | Washer, Felt |
| 12X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| X-298 | 1 | BEARING, BALL, S. A. E. #204 |
| 8X-311 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 |
| X-489 | 1 | Oiler |

Miscellaneous Parts

| | | |
|--------|---|---|
| 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 |

NOTE: * 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.

(Continued On Reverse Side)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA-4814,A,B,C, GENERATOR PARTS (Continued)
D,E,F,G,H

Page 2

| Assembly No. | Pulley | Bracket | Nut | Screw | Lockwasher | Regulator |
|--------------|--------|---------|--------|---------|------------|------------|
| GGA-4814 | None | None | None | None | None | ‡‡ |
| GGA-4814A | SP-871 | GGA-59 | 8X-149 | 8X-2960 | 12X-205 | VAT-4001A |
| GGA-4814B | SP-883 | None | None | None | None | VAT-4001A |
| GGA-4814C | SP-884 | None | None | None | None | VAT-4001A |
| GGA-4814D | SP-884 | GGA-60 | 8X-149 | 8X-2960 | 12X-205 | VAT-4001A |
| GGA-4814E | SP-876 | None | None | None | None | VAT-4001A |
| GGA-4814F | SP-878 | None | None | None | None | VAT-4004AX |
| GGA-4814G | PU-38 | None | None | None | None | VAT-4004AX |
| GGA-4814H | SP-871 | None | None | None | None | VAT-4001A |

‡‡ VAT-4001A 40 Amperes
CURRENT-VOLTAGE REGULATOR
or VRX-5003CX 30 Amperes
CURRENT-VOLTAGE REGULATOR
is used with but is not a part of
GGA-4814.

| UNIT | APPLICATION |
|-----------|---|
| GGA-4814 | Autocar |
| GGA-4814A | Ward LaFrance, Continental & Diamond T. |
| GGA-4814B | Ward LaFrance |
| GGA-4814C | Ward LaFrance |
| GGA-4814D | Diamond T |
| GGA-4814E | Buda, F. G. Hough |
| GGA-4814F | Autocar |
| GGA-4814G | Autocar |
| GGA-4814H | 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

GGA-4816 GENERATOR PARTS LIST

GGA-4816

| <u>Frame & Field Assembly & Parts Used With</u> | | |
|---|----------|------------------------------------|
| Part No. | No. Used | Name of Part |
| GGA-20 | 2 | Bolt, Thru |
| (GGA-2036) | 1 | Frame & Field Assy. |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer |
| GAU-45 | 1 | Insulation, Field Connection |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer |
| GBY-38A | 4 | Screw, Pole Shoe |
| GDD-27 | 1 | Bushing, Ins., Field Term. |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. |
| GGA-52 | 1 | Insulation, Term. Stud, Inner |
| GGA-1005A | 1 | COIL ASSY., FIELD, COMPLETE |
| GGA-1007A | 1 | Coil Assy., Field, Left |
| GCD-79 | 1 | Lead Assembly |
| X-1425 | 1 | Terminal |
| GEB-27 | 1 | Stud, Arm. Term., #14-24 |
| GGA-1008A | 1 | Coil Assy., Field, Right |
| GEB-58 | 1 | Stud, Field Term., #10-32 |
| MN-21 | 2 | Pin, Dowel |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 |
| 12X-193 | 2 | Lockwasher, Arm. Term., #14 |
| 12X-196 | 2 | Lockwasher, Field Term., #10 |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 |
| <u>Comm. End Head Assembly & Parts Used With</u> | | |
| DB-17 | 2 | Washer, Plain, Felt Retaining |
| DD-44 | 1 | Gasket, C.E. Cover |
| GBY-28 | 1 | Washer, Felt, C.E. Outer |
| GCD-27A | 1 | Cover, Comm. End |
| GCD-28 | 1 | Washer, Felt, C.E. Inner |
| GGA-2073 | 1 | Head Assy., Comm. End |
| GBY-25 | 2 | Spring, Brush |
| GBY-1012 † | 2 | Brush |
| GCE-54 | 2 | Arm, Brush |
| 12X-195 | 2 | Lockwasher, Br. Lead Sc., #8 |

| <u>Comm. End Head Assembly (Continued)</u> | | |
|--|----------|---|
| Part No. | No. Used | Name of Part |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| X-489 | 1 | Oiler |
| 8X-726 | 3 | Screw, C.E. Cover, Bdg. Hd. #10-32x7/16 |
| X-867 | 1 | BEARING, BALL, SHIELDED, S.A.E. #303 |
| X-1270 | 3 | Washer, Cover Sc., Skpf. #10 |

| <u>Armature Assembly & Parts Used With</u> | | |
|--|---|----------------------------------|
| GBM-21B | 1 | Nut, Shaft, Hex., C.E. |
| GFY-2096F | 1 | ARMATURE |
| GGA-78 | 1 | Spacer, Armature Shaft |
| SP-924 | 1 | Fan, Ventilating |
| 8X-157 | 1 | Nut, Shaft, D.E., Slotted 1/2-20 |
| X-260 | 1 | Key, Woodruff, C.E., #5 |
| X-263 | 1 | Key, Woodruff, D.E., #8 |
| 8X-358 | 1 | Washer, Shaft, D.E., Plain 1/2 |
| X-404 | 1 | Pin, Cotter. 3/32x1 |
| 12X-864 | 1 | Lockwasher, Shaft, C.E. |

| <u>Drive End Head Assy. & Parts Used With</u> | | |
|---|---|---|
| GGA-1037A | 1 | Head Assy., Drive End |
| GGA-37 | 1 | Head, Drive End |
| GGA-39 | 1 | Washer, Felt |
| GGA-40 | 1 | Retainer, Felt Washer |
| GGA-74 | 1 | Retainer, Bearing |
| 8X-66 | 4 | Screw, Retainer, Flat Hd. #10-32x1/2 |
| X-2926 | 1 | BEARING, BALL, S.A.E. #304 |
| <u>Miscellaneous Parts</u> | | |
| 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 |

NOTE: VRX-4003AX CURRENT -VOLTAGE REGULATOR is used with but is not a part of this generator.

† BRUSH SET, SERVICE GCD-2012S.

| UNIT | APPLICATION |
|----------|-----------------|
| GGA-4816 | Hercules, Maxim |

(Issued 3-2-50)

Printed in U. S. A.

File in
Equipment & Parts List Binder

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA-4817 GENERATOR PARTS LIST

GGA-4817
(Issued 8-25-54)

| Frame & Field Assembly & Parts Used With | | | Comm. End Head Assembly & Parts (Continued) | | |
|--|----------|--------------------------------------|---|----------|--|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part |
| GGA-20 | 2 | Bolt, Thru | X-489 | 1 | Oiler |
| GGA-2036 | 1 | Frame & Field Assembly | 8X-726 | 3 | Screw, C. E. Cover Bdg. Hd. #10-32x7/16 |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | X-867 | 1 | BEARING, BALL, SHIELDED S. A. E. #303 |
| GAU-45 | 1 | Insulation, Field Connection | X-1270 | 3 | Washer, Cover Sc., Skpf. #10 |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | <u>Armature Assembly & Parts Used With</u> | | |
| GBY-38A | 4 | Screw, Pole Shoe | GBM-21B | 1 | Nut, Arm. Shaft, C. E. |
| GDD-27 | 1 | Bushing, Ins., Field Term. | GFY-2105F | 1 | ARMATURE |
| GDD-28 | 1 | Bushing, Ins., Arm Term. | GGA-78 | 1 | Spacer, Arm. Shaft |
| GGA-52 | 1 | Insulation, Term. Stud, Inner | SP-924 | 1 | Fan, Ventilating |
| GGA-1005A | 1 | COIL ASSEMBLY, FIELD COMPLETE | X-258 | 1 | Key, Woodruff, D. E., #3 |
| GGA-1007A | 1 | Coil Assy., Field, Left | X-260 | 1 | Key, Woodruff, C. E., #5 |
| GCD-79 | 1 | Lead Assembly | 8X-358 | 1 | Washer, Shaft D. E., Plain 1/2 |
| X-1425 | 1 | Terminal | X-404 | 1 | Pin, Cotter |
| GEB-27 | 1 | Stud, Arm. Term., #14-24 | 8X-835 | 1 | Nut, Arm. Shaft, D. E. |
| GGA-1008A | 1 | Coil Assy., Field, Right | 12X-864 | 1 | Lockwasher, Shaft, C. E. |
| GEB-58 | 1 | Stud, Field Term., #10-32 | <u>Drive End Head Assembly & Parts Used With</u> | | |
| MN-21 | 2 | Pin, Dowel | GGA-1037 | 1 | Head Assy., Drive End |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | GFM-4B | 4 | Screw, Brg. Retainer, Fill. Hd. #10-32x1/2 |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GGA-37 | 1 | Head, Drive End |
| 12X-199 | 2 | Lockwasher, Arm. Term., 1/4 | GGA-39 | 1 | Washer, Felt |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 | GGA-40 | 1 | Retainer, Felt Washer |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 | GGA-42 | 1 | Retainer, Bearing |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | X-2926 | 1 | BEARING, BALL, S. A. E. #304 |
| 12X-196 | 1 | Lockwasher, Grd. Screw, #10 | <u>Miscellaneous Parts</u> | | |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | GCD-24 | 1 | Band, Cover |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| DB-17 | 2 | Washer, Plain, Felt Retaining | NOTE: VRX-4003A CURRENT VOLTAGE REGULATOR is used with but is not a part of this generator. | | |
| DD-44 | 1 | Gasket, C. E. Cover | | | |
| GBY-28 | 1 | Washer, Felt, C. E. Outer | | | |
| GCD-27A | 1 | Cover, Comm. End | | | |
| GCD-28 | 1 | Washer, Felt, C. E. Inner | | | |
| GCD-2012S | 1 | BRUSH SET, SERVICE | | | |
| GGA-2073S | 1 | Head Assy., Comm. End | | | |
| GBY-25 | 2 | Spring, Brush | | | |
| GCE-54 | 2 | Arm, Brush | | | |
| 12X-195 | 2 | Lockwasher, Lead Screw, #8 | | | |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | |

| UNIT | APPLICATION |
|----------|-------------------------------------|
| GGA-4817 | Clark Equip. Co., Michigan (Shovel) |

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."

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA-6001A Thru Z GENERATOR PARTS LIST

GGA- 6001A, AB, AC, B, C, D, E,
EN, F, G, H, J, K, L, M, N, N-S1,
P, R, S, SN, S1, V, W, X, Y, Z
(Issued 10-1-56)

| <u>Frame & Field Assembly & Parts Used With</u> | | | <u>Comm. End Head Assembly (Continued)</u> | | |
|---|----------|--|--|----------|--|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part |
| GGA-20 | 2 | Bolt, Thru | GBY-25 | 2 | Spring, Brush |
| * | 1 | Bracket, Gen. Mtg. | GCE-54 | 2 | Arm, Brush |
| GGA-2033 | 1 | Frame & Field Assy. | 8X-119 | 3 | Screw, C. E. Cover, Fill. Hd. #10-32x1/2 |
| GAA-32 | 1 | Washer, Ins., Arm. Term. Outer | 12X-195 | 2 | Lockwasher, Lead Sc., #8 |
| GAU-45 | 1 | Insulation, Field Connection | 12X-196 | 3 | Lockwasher, Cover Screw, #10 |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | 12X-199 | 1 | Lockwasher, Brg. Retaining Sc., 1/4 |
| GBY-38A | 4 | Screw, Pole Shoe | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| GDD-27 | 1 | Bushing, Ins., Field Term. | X-489 | 1 | Oiler |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. | X-867 | 1 | BEARING, BALL, SHIELDED, S. A. E. #303 |
| GGA-52 | 1 | Insulation, Term. Stud, Inner | <u>Armature Assembly & Parts Used With</u> | | |
| GGA-1005A | 1 | COIL ASSY., FIELD, COMPLETE | GBM-21B | 1 | Nut, Arm. Shaft, D. E. |
| GGA-1007A | 1 | Coil Assy., Field, Left | GFY-2101F | 1 | ARMATURE |
| GCD-79 | 1 | Lead Assy. | GGA-70 | 1 | Spacer, Armature Shaft |
| X-1425 | 1 | Terminal | * | 1 | Pulley, Drive |
| GGJ-27 | 1 | Stud, Arm. Term., 1/4-28 | X-263 | 1 | Key, Woodruff, #8 |
| GGA-1008A | 1 | Coil Assy., Field, Right | 12X-864 | 1 | Lockwasher, Shaft, D. E. |
| GEB-58 | 1 | Stud, Field Term., #10-32 | <u>Drive End Head Assembly & Parts Used With</u> | | |
| MN-21 | 2 | Pin, Dowel | GGA-1068 | 1 | Head Assy., Drive End |
| 12X-196 | 2 | Lockwasher, Field Term. #10 | GGA-68 | 1 | Head, Drive End |
| 12X-199 | 2 | Lockwasher, Arm. Term., 1/4 | GGF-9 | 2 | Washer, Felt |
| 8X-349 | 1 | Washer, Field Term., Plain #10 | GGF-10 | 1 | Retainer, Felt Washer, Outer |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 | GGF-11 | 1 | Gasket |
| 8X-1063 | 2 | Nut, Arm. Term., Hex. 1/4-28 | GGF-12 | 1 | Retainer, Felt Washer, Inner |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | GGF-13 | 1 | Retainer, Bearing |
| 8X-149 † | 2 | Nut, Brkt. Sc., Hex. 7/16-14 | 12X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 | X-298 | 1 | BEARING, BALL, S. A. E. #204 |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | 8X-311 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x3/8 |
| 12X-205 † | 2 | Lockwasher, Brkt. Sc., 7/16 | X-489 | 1 | Oiler |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | <u>Miscellaneous Parts</u> | | |
| 8X-2960 † | 2 | Screw, Bracket, Hex. Hd. 7/16-14x1 3/8 | GCD-24 | 1 | Band, Cover |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| DA-22 | 1 | Washer, Bearing Retaining | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| DA-60 | 1 | Screw, Bearing Retaining | Note: -* CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | |
| DB-17 | 1 | Washer, Plain, Felt Retaining | * See table following parts list for part number applying to assembly wanted. | | |
| DD-24C | 1 | Cover, Comm. End | † Part of GGA-6001B, D only. | | |
| DD-44 | 1 | Gasket, C. E. Cover | | | |
| GBY-28 | 1 | Washer, Felt | | | |
| GCD-2012S | 1 | BRUSH SET, SERVICE | | | |
| GGJ-2021S | 1 | Head Assy., Comm. End | | | |

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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

GGA-6001A Thru Z GENERATOR PARTS LIST (Continued)

| ASSEMBLY NO. | BRACKET | PULLEY | REGULATOR |
|--------------|---------|--------|-----------|
| GGA-6001A | None | SP-904 | VAT-4001A |
| GGA-6001AB | None | PU-207 | VAT-6002A |
| GGA-6001AC | None | PU-226 | VAT-6201A |
| GGA-6001B | GGA-60 | SP-865 | VAT-4001A |
| GGA-6001C | None | SP-961 | VAT-6001A |
| GGA-6001D | GGA-75 | SP-365 | VAT-4001A |
| GGA-6001E | None | PU-69 | VAT-4001A |
| GGA-6001EN | None | PU-69 | VAT-4003A |
| GGA-6001F | None | PU-16 | VAT-4001A |
| GGA-6001G | None | SP-903 | VAT-4001A |
| GGA-6001H | None | SP-961 | VAT-4001A |
| GGA-6001J | None | PU-169 | VAT-4001A |
| GGA-6001K | None | PU-6 | VAT-6201A |
| GGA-6001L | None | SP-974 | VAT-6201A |
| GGA-6001M | None | SP-975 | VAT-6201A |
| GGA-6001N | None | PU-68 | VAT-6201A |
| GGA-6001N-S1 | None | None | ----- |
| GGA-6001P | None | PU-67 | VAT-6201A |
| GGA-6001R | None | SP-939 | VAT-6201A |
| GGA-6001S | None | None | ----- |
| GGA-6001SN | None | None | ----- |
| GGA-6001-S1 | None | None | ----- |
| GGA-6001V | None | SP-904 | VAT-6201A |
| GGA-6001W | None | PU-147 | VAT-6201A |
| GGA-6001X | None | PU-104 | VAT-6201A |
| GGA-6001Y | None | PU-162 | VAT-6002A |
| GGA-6001Z | None | PU-193 | VAT-6002A |

| UNIT | APPLICATION |
|-----------------------|---|
| GGA-6001A | R. H. Sheppard, Tropic Aire |
| GGA-6001A, B, Y, Z | Ford 6 |
| GGA-6001AC | Plymouth 6-8, Dodge 6-8, DeSoto |
| GGA-6001B | Hercules, Maxim |
| GGA-6001C, R, V, W, X | Dodge Truck |
| GGA-6001D, F, | Diamond T |
| GGA-6001E, EN | Hercules |
| GGA-6001G | Carrier Corp. |
| GGA-6001H | |
| GGA-6001J | Continental |
| GGA-6001K | Plymouth 6, Dodge 6-8, DeSoto |
| GGA-6001L | Plymouth 6, Dodge 6-8, Dodge Tr., DeSoto, Chrysler |
| GGA-6001M | Chrysler, Dodge Truck |
| GGA-6001N | DeSoto |
| GGA-6001P | Chrysler |
| GGA-6001S, SN | A-L Service |
| GGA-6001-S1, N-S1 | Chrysler Service |

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA-6002A, B, C, D, S1 GENERATOR PARTS LIST

GGA-6002A,
B, C, D, S1
(Issued 1-11-56)

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|-----------|----------|------------------------------------|
| GGA-20 | 2 | Bolt, Thru |
| GGA-2033 | 1 | Frame & Field Assy. |
| GAA-32 | 1 | Washer, Ins., Arm. Term. |
| GAU-45 | 1 | Insulation, Field Connection |
| GBW-34 | 1 | Washer, Ins., Field Term. |
| GBY-38A | 4 | Screw, Pole Shoe |
| GDD-27 | 1 | Bushing, Ins., Field Term. |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. |
| GGA-52 | 1 | Insulation, Term. Stud, Inner |
| GGA-1005A | 1 | COIL ASSY., FIELD, COMPLETE |
| GGA-1007A | 1 | Coil Assy., Field, Left |
| GCD-79 | 1 | Lead Assembly |
| X-1425 | 1 | Terminal |
| GGJ-27 | 1 | Stud, Arm. Term., 1/4-28 |
| GGA-1008A | 1 | Coil, Field, Right |
| GEB-58 | 1 | Stud, Field Term., #10-32 |
| MN-21 | 2 | Pin, Dowel |
| 12X-196 | 2 | Lockwasher, Field Term., #10 |
| 12X-199 | 2 | Lockwasher, Arm. Term., 1/4 |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 |
| 8X-1063 | 2 | Nut, Arm. Term., Hex. 1/4-28 |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 |
| 12X-196 | 1 | Lockwasher, Grd. Sc., #10 |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 |

Comm. End Head Assembly & Parts Used With

| | | |
|-----------|---|--------------------------------------|
| DA-39 | 1 | Washer, Plain, Felt Retaining |
| DA-132 | 1 | Washer, Felt |
| GCD-2012S | 1 | BRUSH SET, SERVICE |
| GGA-2102S | 1 | Head Assy., Comm. End |
| GBY-25 | 2 | Spring, Brush |
| GCE-54 | 2 | Arm, Brush |
| GGW-93 | 1 | Retainer, Outer |
| 12X-195 | 2 | Lockwasher, Lead Sc., #8 |
| X-295 | 1 | BEARING, BALL, S. A. E. #203 |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| X-489 | 1 | Oiler |

Armature Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|-----------|----------|--------------------------|
| GBM-21B | 1 | Nut, Arm. Shaft, D. E. |
| GGA-70 | 1 | Spacer, Arm. Shaft |
| GFY-2107F | 1 | ARMATURE ASSY. |
| GAR-171 | 1 | Snap Ring |
| GR-32 | 1 | Retainer, Felt Washer |
| * | 1 | Pulley, Drive |
| X-263 | 1 | Key, Woodruff, #8 |
| 12X-864 | 1 | Lockwasher, Shaft, D. E. |

Drive End Head Assembly & Parts Used With

| | | |
|----------|---|-------------------------------------|
| GGA-1080 | 1 | Head Assy., Drive End |
| GGA-80 | 1 | Head, Drive End |
| GGF-9 | 2 | Washer, Felt |
| GGF-10 | 1 | Retainer, Felt Washer, Outer |
| GGF-11 | 1 | Gasket |
| GGF-12 | 1 | Retainer, Felt Washer, Inner |
| GGF-13 | 1 | Retainer, Bearing |
| 12X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| X-298 | 1 | BEARING, BALL, S. A. E. #204 |
| 8X-311 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 |
| X-489 | 1 | Oiler |

Miscellaneous Parts

| | | |
|--------|---|---|
| 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 |

Note:-VAT-6201A 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.

| Assembly No. | Pulley |
|--------------|--------|
| GGA-6002A | SP-974 |
| GGA-6002B | PU-67 |
| GGA-6002C | PU-68 |
| GGA-6002D | PU-147 |
| GGA-6002-S1 | None |

| UNIT | APPLICATION |
|-------------|-------------------|
| GGA-6002A | De Soto |
| GGA-6002B | Chrysler |
| GGA-6002C | De Soto |
| GGA-6002D | Dodge Tr. |
| GGA-6002-S1 | Service 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."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA-6003A, B, C, D, S1 GENERATOR PARTS LIST

GGA-6003A, B, C, D, S1
(Issued 4-3-56)

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|-----------|----------|------------------------------------|
| GGA-20 | 2 | Bolt, Thru |
| GGA-2033 | 1 | Frame & Field Assy. |
| GAA-32 | 1 | Washer, Ins. , Arm. Term. |
| GAU-45 | 1 | Insulation, Field Connection |
| GBW-34 | 1 | Washer, Ins. , Field Term. |
| GBY-38A | 4 | Screw, Pole Shoe |
| GDD-27 | 1 | Bushing, Ins. , Field Term. |
| GDD-28 | 1 | Bushing, Ins. , Arm. Term. |
| GGA-52 | 1 | Insulation, Term. Stud, Inner |
| GGA-1005A | 1 | COIL ASSY. , FIELD, COMPLETE |
| GGA-1007A | 1 | Coil Assy. , Field, Left |
| GCD-79 | 1 | Lead Assembly |
| X-1425 | 1 | Terminal |
| GGJ-27 | 1 | Stud, Arm. Term. , 1/4-28 |
| GGA-1008A | 1 | Coil Assy. , Field, Right |
| GEB-58 | 1 | Stud, Field Term. , #10-32 |
| MN-21 | 2 | Pin, Dowel |
| 12X-196 | 2 | Lockwasher, Field Term. , #10 |
| 12X-199 | 2 | Lockwasher, Arm. Term. , 1/4 |
| 8X-349 | 1 | Washer, Plain, Field Term. , #10 |
| 8X-361 | 1 | Washer, Plain, Arm. Term. , 1/4 |
| 8X-1063 | 2 | Nut, Arm. Term. , Hex. 1/4-28 |
| 8X-1377 | 2 | Nut, Field Term. , Hex. #10-32 |
| 12X-196 | 1 | Lockwasher, Grd. Sc. , #10 |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 |

Comm. End Head Assembly & Parts Used With

| | | |
|-----------|---|-------------------------------|
| DA-22 | 1 | Washer, Bearing Retaining |
| DA-60 | 1 | Screw, Bearing Retaining |
| DB-17 | 1 | Washer, Plain, Felt Retaining |
| DD-24C | 1 | Cover, Comm. End |
| DD-44 | 1 | Gasket, C. E. Cover |
| GBY-28 | 1 | Washer, Felt |
| GCD-2012S | 1 | BRUSH SET, SERVICE |
| GGJ-2021S | 1 | Head Assy. , Comm. End |

Comm. End Head Assembly (Con't.)

| Part No. | No. Used | Name of Part |
|----------|----------|--|
| GBY-25 | 2 | Spring Brush |
| GCE-54 | 2 | Arm, Brush |
| 8X-119 | 3 | Screw, C. E. Cover, Fill. Hd. #10-32x1/2 |
| 12X-195 | 2 | Lockwasher, Lead Sc. , #8 |
| 12X-196 | 3 | Lockwasher, Cover Sc. , #10 |
| 12X-199 | 1 | Lockwasher, Brg. Retaining Sc. , 1/4 |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| X-489 | 1 | Oiler |
| X-867 | 1 | BEARING, BALL, SHIELDED, S. A. E. #303 |

Armature Assembly & Parts Used With

| | | |
|-----------|---|--------------------------|
| GBM-21B | 1 | Nut, Arm. Shaft, D. E. |
| GGA-70 | 1 | Spacer, Arm. Shaft |
| GFY-2101F | 1 | ARMATURE |
| * | 1 | Pulley, Drive |
| X-263 | 1 | Key, Woodruff, #8 |
| 12X-864 | 1 | Lockwasher, Shaft, D. E. |

Drive End Head Assembly & Parts Used With

| | | |
|----------|---|-------------------------------------|
| GGA-1084 | 1 | Head Assy. , Drive End |
| GGA-84 | 1 | Head, Drive End |
| GGF-9 | 2 | Washer, Felt |
| GGF-10 | 1 | Retainer, Felt Washer, Outer |
| GGF-11 | 1 | Gasket |
| GGF-12 | 1 | Retainer, Felt Washer, Inner |
| GGF-13 | 1 | Retainer, Bearing |
| 12X-196 | 3 | Lockwasher, Retainer Sc. , #10 |
| X-298 | 1 | BEARING, BALL, S. A. E. #204 |
| 8X-311 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 |
| X-489 | 1 | Oiler |

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"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

GGA-6003A, B, C, D, S1 (Continued)

Miscellaneous Parts

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

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

Note: VAT-6201A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

| Assembly No. | Pulley |
|--------------|--------|
| GGA-6003A | PU-6 |
| GGA-6003B | SP-975 |
| GGA-6003C | PU-104 |
| GGA-6003D | SP-974 |
| GGA-6003-S1 | None |

| UNIT | APPLICATION |
|-------------|---------------------|
| GGA-6003A | Plymouth 8, Dodge 8 |
| GGA-6003B | Dodge Truck |
| GGA-6003C | |
| GGA-6003D | Plymouth 8 |
| GGA-6003-S1 | Service Generator |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA - 6004A, B, S1 GENERATOR PARTS LIST

GGA - 6004A, B, S1
(Issued 9 - 17 - 56)

| <u>Frame & Field Assembly & Parts Used With</u> | | | <u>Comm. End Head Assembly (Continued)</u> | | |
|---|----------|--------------------------------------|---|----------|--|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part |
| GGA - 20 | 2 | Bolt, Thru | GBY - 25 | 2 | Spring, Brush |
| GGA - 2033 | 1 | Frame & Field Assy. | GCE - 54 | 2 | Arm, Brush |
| GAA - 32 | 1 | Washer, Ins. , Arm. Term. | 8X - 119 | 3 | Screw, C. E. Cover, Fill. Hd. #10 - 32x1/2 |
| GAU - 45 | 1 | Insulation, Field Connection | 12X - 195 | 2 | Lockwasher, Lead Sc. , #8 |
| GBW - 34 | 1 | Washer, Ins. , Field Term. | 12X - 196 | 3 | Lockwasher, Cover Sc. , #10 |
| GBY - 38A | 4 | Screw, Pole Shoe | 12X - 199 | 1 | Lockwasher, Brg. Retaining Sc. , 1/4 |
| GDD - 27 | 1 | Bushing, Ins. , Field Term. | 8X - 305 | 2 | Screw, Brush Lead, Rd. Hd. #8 - 32x1/4 |
| GDD - 28 | 1 | Bushing, Ins. , Arm. Term. | X - 489 | 1 | Oiler |
| GGA - 52 | 1 | Insulation, Term. Stud, Inner | X - 867 | 1 | BEARING, BALL, SHIELDED, S. A. E. #303 |
| GGA - 1005A | 1 | COIL ASSY. , FIELD, COMPLETE | <u>Armature Assembly & Parts Used With</u> | | |
| GGA - 1007A | 1 | Coil Assy. , Field, Left | GBM - 21B | 1 | Nut, Arm. Shaft, D. E. |
| GCD - 79 | 1 | Lead Assembly | GGA - 70 | 1 | Spacer, Arm. Shaft |
| X - 1425 | 1 | Terminal | GFY - 2093F | 1 | ARMATURE |
| GGJ - 27 | 1 | Stud, Arm. Term. , 1/4 - 28 | * | 1 | Pulley, Drive |
| GGA - 1008A | 1 | Coil Assy. , Field, Right | X - 263 | 1 | Key, Woodruff, #8 |
| GEB - 58 | 1 | Stud, Field Term. , #10 - 32 | 12X - 864 | 1 | Lockwasher, Shaft, D. E. |
| MN - 21 | 2 | Pin, Dowel | <u>Drive End Head Assembly & Parts Used With</u> | | |
| 12X - 196 | 2 | Lockwasher, Field Term. , #10 | GGA - 1068 | 1 | Head Assy. , Drive End |
| 12X - 199 | 2 | Lockwasher, Arm. Term. , 1/4 | GGA - 68 | 1 | Head, Drive End |
| 8X - 349 | 1 | Washer, Plain, Field Term. , #10 | GGF - 9 | 2 | Washer, Felt |
| 8X - 361 | 1 | Washer, Plain, Arm. Term. , 1/4 | GGF - 10 | 1 | Retainer, Felt |
| 8X - 1063 | 2 | Nut, Arm. Term. , Hex. 1/4 - 28 | | | Washer, Outer |
| 8X - 1377 | 2 | Nut, Field Term. , Hex. #10 - 32 | GGF - 11 | 1 | Gasket |
| 12X - 196 | 1 | Lockwasher, Grd. Sc. , #10 | GGF - 12 | 1 | Retainer, Felt |
| 12X - 201 | 2 | Lockwasher, Thru Bolt, 3/8 | | | Washer, Inner |
| 8X - 321 | 1 | Screw, Ground, Rd. Hd. #10 - 32x5/16 | GGF - 13 | 1 | Retainer, Bearing |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | 12X - 196 | 3 | Lockwasher, Retainer Sc. , #10 |
| DA - 22 | 1 | Washer, Bearing Retaining | X - 298 | 1 | BEARING, BALL, S. A. E. #204 |
| DA - 60 | 1 | Screw, Bearing Retaining | 8X - 311 | 3 | Screw, Retainer, Rd. Hd. #10 - 32x3/8 |
| DB - 17 | 1 | Washer, Plain, Felt Retaining | X - 489 | 1 | Oiler |
| DD - 24C | 1 | Cover, Comm. End | <u>Miscellaneous Parts</u> | | |
| DD - 44 | 1 | Gasket, C. E. Cover | GCD - 24 | 1 | Band, Cover |
| GBY - 28 | 1 | Washer, Felt | 8X - 714 | 1 | Screw, Cover Band, Rd. Hd. #10 - 32x1 1/2 |
| GCD - 2012S | 1 | BRUSH SET, SERVICE | 8X - 794 | 1 | Nut, Cover Band, Square #10 - 32 |
| GGJ - 2021S | 1 | Head Assy. , Comm. End | * See table following parts list for part number applying to assembly wanted. | | |

Note: - VAT - 6201A CURRENT - VOLTAGE REGULATOR is used with but is not a part of this generator.

(Continued on reverse side)

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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

GGA - 6004A, B, S1 GENERATOR PARTS LIST

(Continued)

| Assembly No. | Pulley |
|-----------------|----------|
| GGA - 6004A | PU - 146 |
| GGA - 6004B | PU - 149 |
| GGA - 6004 - S1 | None |

| UNIT | APPLICATION |
|-----------------|-------------------|
| GGA - 6004A, B | Dodge Truck |
| GGA - 6004 - S1 | Service 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."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA - 6005A, B, BA, S1 GENERATOR PARTS LIST

GGA - 6005A, B, BA, S1
(Issued 9-17-56)

| <u>Frame & Field Assembly & Parts Used With</u> | | | <u>Comm. End Head Assembly (Continued)</u> | | |
|---|----------|--------------------------------------|---|----------|--|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part |
| GGA - 20 | 2 | Bolt, Thru | X - 295 | 1 | BEARING, BALL, S. A. E. #203 |
| GGA - 2033 | 1 | Frame & Field Assy. | 8X - 305 | 2 | Screw, Brush Lead, Rd. Hd. #8 - 32x1/4 |
| GAA - 32 | 1 | Washer, Ins. , Arm. Term. | X - 489 | 1 | Oiler |
| GAU - 45 | 1 | Insulation, Field Connection | <u>Armature Assembly & Parts Used With</u> | | |
| GBW - 34 | 1 | Washer, Ins. , Field Term. | GBM - 21B | 1 | Nut, Arm. Shaft, D. E. |
| GBY - 38A | 4 | Screw, Pole Shoe | GFY - 2108F | 1 | ARMATURE ASSY; |
| GDD - 27 | 1 | Bushing, Ins. , Field Term. | GAR - 171 | 1 | Snap Ring |
| GDD - 28 | 1 | Bushing, Ins. , Arm. Term. | GGA - 70 | 1 | Spacer, Arm. Shaft |
| GGA - 52 | 1 | Insulation, Term. Stud, Inner | GGW - 88 † | 1 | Washer, Coupling Sc. |
| GGA - 1005A | 1 | COIL ASSY , FIELD, COMPLETE | GGW - 99 † | 1 | Coupling |
| GGA - 1007A | 1 | Coil Assy. , Field Left | GR - 32 | 1 | Retainer, Felt Washer |
| GCD - 79 | 1 | Lead Assembly | * | 1 | Pulley, Drive |
| X - 1425 | 1 | Terminal | X - 263 | 1 | Key, Woodruff, #8 |
| GGJ - 27 | 1 | Stud, Arm. Term. , 1/4 - 28 | 12X - 864 | 1 | Lockwasher, Shaft, D. E. |
| GGA - 1008A | 1 | Coil, Field, Right | X - 3226 † | 1 | Screw, Coupling Mtg. , Hex. Hd. 1/4 - 20x5/8 |
| GEB - 58 | 1 | Stud, Field Term. , #10 - 32 | <u>Drive End Head Assembly & Parts Used With</u> | | |
| MN - 21 | 2 | Pin, Dowel | GGA - 1080 | 1 | Head Assy. , Drive End |
| 12X - 196 | 2 | Lockwasher, Field Term. , #10 | GGA - 80 | 1 | Head, Drive End |
| 12X - 199 | 2 | Lockwasher, Arm. Term. , 1/4 | GGF - 9 | 2 | Washer, Felt |
| 8X - 349 | 1 | Washer, Plain, Field Term. , #10 | GGF - 10 | 1 | Retainer, Felt Washer, Outer |
| 8X - 361 | 1 | Washer, Plain, Arm. Term. 1/4 | GGF - 11 | 1 | Gasket |
| 8X - 1063 | 2 | Nut, Arm. Term. , Hex. 1/4 - 28 | GGF - 12 | 1 | Retainer, Felt Washer, Inner |
| 8X - 1377 | 2 | Nut, Field Term. , Hex. #10 - 32 | GGF - 13 | 1 | Retainer, Bearing |
| 12X - 196 | 1 | Lockwasher, Grd. Sc. , #10 | 12X - 196 | 3 | Lockwasher, Retainer Sc. , #10 |
| 12X - 201 | 2 | Lockwasher, Thru Bolt, 3/8 | X - 298 | 1 | BEARING, BALL, S. A. E. #204 |
| 8X - 321 | 1 | Screw, Ground, Rd. Hd. #10 - 32x5/16 | 8X - 311 | 3 | Screw, Brg. Retainer, Rd. Hd. #10 - 32x3/8 |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | X - 489 | 1 | Oiler |
| DA - 39 | 1 | Washer, Plain, Felt Retaining | <u>Miscellaneous Parts</u> | | |
| DA - 132 | 1 | Washer, Felt | GCD - 24 | 1 | Band, Cover |
| GCD - 2012S | 1 | BRUSH SET, SERVICE | 8X - 714 | 1 | Screw, Cover Band, Rd. Hd. #10 - 32x1 1/2 |
| GGA - 2102S | 1 | Head Assy. , Comm. End | 8X - 794 | 1 | Nut, Cover Band, Square #10 - 32 |
| GBY - 25 | 2 | Spring, Brush | Note: - VAT - 6201A CURRENT - VOLTAGE REGULATOR is used with but is not a part of this generator. | | |
| GCE - 54 | 2 | Arm, Brush | † Part of GGA - 6005BA only. | | |
| GGW - 93 | 1 | Retainer, Outer | * See table following parts list for part number applying to assembly wanted. | | |
| 12X - 195 | 2 | Lockwasher, Lead Sc. , #8 | (Continued on reverse side) | | |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA - 6005A, B, BA, S1 GENERATOR PARTS LIST

(Continued)

| Assembly No. | Pulley |
|-----------------|----------|
| GGA - 6005A | PU - 146 |
| GGA - 6005B | PU - 149 |
| GGA - 6005BA | PU - 149 |
| GGA - 6005 - S1 | None |

| UNIT | APPLICATION |
|-----------------|-------------------|
| GGA - 6005A, BA | |
| GGA - 6005B | Dodge Truck |
| GGA - 6005 - S1 | Service Generator |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA-6006A, B, C, D, S GENERATOR PARTS LIST

GGA-6006A,
B, C, D, S
(Issued 11-11-55)

| 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 |
| GGA-20 | 2 | Bolt, Thru | 12X-195 | 2 | Lockwasher, Lead Sc., #8 |
| GGA-2033 | 1 | Frame & Field Assy. | 12X-196 | 3 | Lockwasher, Cover Screw, #10 |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | 12X-199 | 1 | Lockwasher, Brg. Retaining Sc., 1/4 |
| GAU-45 | 1 | Insulation, Field Connection | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | X-489 | 1 | Oiler |
| GBY-38A | 4 | Screw, Pole Shoe | X-867 | 1 | BEARING, BALL, SHIELDED, S. A. E. #303 |
| GDD-27 | 1 | Bushing, Ins., Field Term. | <u>Armature Assembly & Parts Used With</u> | | |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. | GBM-21B | 1 | Nut, Arm. Shaft, D. E. |
| GGA-52 | 1 | Insulation, Term. Stud, Inner | GFY-2101F | 1 | ARMATURE |
| GGA-1005A | 1 | COIL ASSY., FIELD, COMPLETE | GGA-70 | 1 | Spacer, Armature Shaft |
| GGA-1007A | 1 | Coil Assy., Field, Left | * | 1 | Pulley, Drive |
| GCD-79 | 1 | Lead Assy. | X-263 | 1 | Key, Woodruff, #8 |
| X-1425 | 1 | Terminal | 12X-864 | 1 | Lockwasher, Shaft, D. E. |
| GGJ-27 | 1 | Stud, Arm. Term., 1/4-28 | <u>Drive End Head Assembly & Parts Used With</u> | | |
| GGA-1008A | 1 | Coil Assy., Field, Right | GGA-1081 | 1 | Head Assy., Drive End |
| GEB-58 | 1 | Stud, Field Term., #10-32 | GGA-81 | 1 | Head, Drive End |
| MN-21 | 2 | Pin, Dowel | GGF-9 | 2 | Washer, Felt |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GGF-10 | 1 | Retainer, Felt Washer, Outer |
| 12X-199 | 2 | Lockwasher, Arm. Term., 1/4 | GGF-11 | 1 | Gasket |
| 8X-349 | 1 | Washer, Field Term., Plain #10 | GGF-12 | 1 | Retainer, Felt Washer, Inner |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 | GGF-13 | 1 | Retainer, Bearing |
| 8X-1063 | 2 | Nut, Arm. Term., Hex. 1/4-28 | 12X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | X-298 | 1 | BEARING, BALL, S. A. E. #204 |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | 8X-311 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x3/8 |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | X-489 | 1 | Oiler |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | <u>Miscellaneous Parts</u> | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | GCD-24 | 1 | Band, Cover |
| DA-22 | 1 | Washer, Bearing Retaining | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| DA-60 | 1 | Screw, Bearing Retaining | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| DB-17 | 1 | Washer, Plain, Felt Retaining | Note:-VAT-6002A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator | | |
| DD-24C | 1 | Cover, Comm. End | (Continued on reverse side) | | |
| DD-44 | 1 | Gasket, C. E. Cover | | | |
| GBY-28 | 1 | Washer, Felt | | | |
| GCD-2012S | 1 | BRUSH SET, SERVICE | | | |
| GGJ-2082S | 1 | Head Assy., Comm. End | | | |
| GBY-25 | 2 | Spring, Brush | | | |
| GCE-54 | 2 | Arm, Brush | | | |
| 8X-119 | 3 | Screw, C. E. Cover, Fill. Hd. #10-32x1/2 | | | |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA-6006A, B, C, D, S GENERATOR PARTS LIST (Cont.)

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

| Assembly No. | Pulley |
|--------------|--------|
| GGA-6006A | PU-170 |
| GGA-6006B | PU-190 |
| GGA-6006C | PU-191 |
| GGA-6006D | PU-192 |
| GGA-6006S | None |

| UNIT | APPLICATION |
|--------------------|-------------------|
| GGA-6006A, B, C, D | Ford 8 |
| GGA-6006S | Service Generator |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA-6007A, S1 GENERATOR PARTS LIST

GGA-6007A, S1
(Issued 10-1-56)

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|-----------|----------|------------------------------------|
| GGA-20 | 2 | Bolt, Thru |
| GGA-2033 | 1 | Frame & Field Assy. |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer |
| GAU-45 | 1 | Insulation, Field Connection |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer |
| GBY-38A | 4 | Screw, Pole Shoe |
| GDD-27 | 1 | Bushing, Ins., Field Term. |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. |
| GGA-52 | 1 | Insulation, Term. Stud, Inner |
| GGA-1005A | 1 | COIL ASSY., FIELD, COMPLETE |
| GGA-1007A | 1 | Coil Assy., Field, Left |
| GCD-79 | 1 | Lead Assy. |
| X-1425 | 1 | Terminal |
| GGJ-27 | 1 | Stud, Arm. Term., 1/4-28 |
| GGA-1008A | 1 | Coil Assy., Field, Right |
| GEB-58 | 1 | Stud, Field Term., #10-32 |
| MN-21 | 2 | Pin, Dowel |
| 12X-196 | 2 | Lockwasher, Field Term., #10 |
| 12X-199 | 2 | Lockwasher, Arm. Term., 1/4 |
| 8X-349 | 1 | Washer, Field Term., Plain #10 |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 |
| 8X-1063 | 2 | Nut, Arm. Term., Hex. 1/4-28 |
| 8X-1377 | 2 | Nut, Field Term., Hex. 10-32 |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 |

Comm. End Head Assembly & Parts Used With

| | | |
|--------|---|-------------------------------|
| DA-22 | 1 | Washer, Bearing Retaining |
| DA-60 | 1 | Screw, Bearing Retaining |
| DB-17 | 1 | Washer, Plain, Felt Retaining |
| DD-24C | 1 | Cover, Comm. End |

Comm. End Head Assembly (Continued)

| Part No. | No. Used | Name of Part |
|-----------|----------|--|
| DD-44 | 1 | Gasket, C. E. Cover |
| GBY-28 | 1 | Washer, Felt |
| GCD-2012S | 1 | BRUSH SET, SERVICE |
| GGJ-2021S | 1 | Head Assy., Comm. End |
| GBY-25 | 2 | Spring, Brush |
| GCE-54 | 2 | Arm, Brush |
| 8X-119 | 3 | Screw, C. E. Cover, Fill. Hd. #10-32x1/2 |
| 12X-195 | 2 | Lockwasher, Lead Sc., #8 |
| 12X-196 | 3 | Lockwasher, Cover Screw, #10 |
| 12X-199 | 1 | Lockwasher, Brg. Retaining Sc., 1/4 |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| X-489 | 1 | Oiler |
| X-867 | 1 | BEARING, BALL, SHIELDED, S. A. E. #303 |

Armature Assembly & Parts Used With

| | | |
|-----------|---|--------------------------|
| GBM-21B | 1 | Nut, Arm. Shaft, D. E. |
| GFY-2101F | 1 | ARMATURE |
| GGA-70 | 1 | Spacer, Armature Shaft |
| * | 1 | Pulley, Drive |
| X-263 | 1 | Key, Woodruff, #8 |
| 12X-864 | 1 | Lockwasher, Shaft, D. E. |

Drive End Head Assembly & Parts Used With

| | | |
|----------|---|--|
| GGA-1086 | 1 | Head Assy., Drive End |
| GGA-86 | 1 | Head, Drive End |
| GGF-9 | 2 | Washer, Felt |
| GGF-10 | 1 | Retainer, Felt Washer, Outer |
| GGF-11 | 1 | Gasket |
| GGF-12 | 1 | Retainer, Felt Washer, Inner |
| GGF-13 | 1 | Retainer, Bearing |
| 12X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| X-298 | 1 | BEARING, BALL, S. A. E. #204 |
| 8X-311 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x3/8 |
| X-489 | 1 | Oiler |

Miscellaneous Parts

| | | |
|--------|---|---|
| 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 |

Note:- VAT-6201A 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.

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(See reverse side)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGA - 6007A, S1 (Continued)

| Assembly No. | Pulley |
|-----------------|----------|
| GGA - 6007A | PU - 226 |
| GGA - 6007 - S1 | None |

| UNIT | APPLICATION |
|-----------------|-------------------|
| GGA - 6007A | Chrysler 300 |
| GGA - 6007 - S1 | Service Generator |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGC-4802A,B,S GENERATOR PARTS LIST

GGC-4802A,B,S

| 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 |
| (GEF-2001) | 1 | Frame & Field Assy. | GGU-1012 † | 2 | Brush |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | 12X-195 | 4 | Lockwasher, Cover Sc., #8 |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. | 8X-888 | 4 | Screw, C.E. Cover, Fill. Hd. #8-32x5/16 |
| GCY-25 | 1 | Bushing, Ins., Field Term. | X-2961 | 1 | Oiler |
| GDW-44 | 1 | Washer, Ins., Arm. Term., Outer | 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 |
| GEA-34 | 1 | Insulation, Term. Stud, Inner | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| GEF-1005 | 1 | COIL ASSY., FIELD, COMPLETE | <u>Armature Assembly & Parts Used With</u> | | |
| GEA-27 | 1 | Stud, Arm. Term., #14-24 | GBM-21B | 1 | Nut, Arm. Shaft, D.E. |
| GEA-30A | 1 | Lead Assembly | GCK-2006F | 1 | ARMATURE ASSY. |
| X-847 | 1 | Terminal | GAR-171 | 1 | Snap Ring |
| GEB-58 | 1 | Stud, Field Term., #10-32 | GJ-104B | 1 | Spacer, Arm. Shaft |
| GEF-1007 | 1 | Coil, Field, Left | GR-32 | 1 | Retainer, Felt Washer |
| GEF-1008 | 1 | Coil, Field, Right | * | 1 | Pulley, Drive |
| GK-38 | 2 | Screw, Pole Shoe | X-260 | 1 | Key, Woodruff, #5 |
| MN-21 | 2 | Pin, Dowel | 12X-864 | 1 | Lockwasher, Shaft, D.E. |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | <u>Drive End Head Assembly & Parts Used With</u> | | |
| 12X-193 | 2 | Lockwasher, Arm. Term., #14 | GDZ-1064A | 1 | Head Assy., Drive End |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GBM-124 | 1 | Gasket, Bearing Retainer |
| 8X-349 | 1 | Washer, Field Term., Plain, #10 | GBM-125 | 1 | Retainer, Felt Washer, Inner |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 | GBM-127 | 1 | Retainer, Bearing |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | GBM-128 | 1 | Retainer, Felt Washer, Outer |
| GY-20 | 2 | Bolt, Thru | GDZ-64A | 1 | Head, Drive End |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 | GG-164A | 2 | Washer, Felt |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | 12X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | 8X-311 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x3/8 |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | X-441 | 1 | BEARING, BALL, S.A.E. #203 |
| GDZ-2097 | 1 | Head Assy., Comm. End | X-2961 | 1 | Oiler |
| GAR-73 | 1 | Wick, Felt | <u>Miscellaneous Parts</u> | | |
| GAR-98A | 1 | Cover, Wick | GBW-1024R | 1 | Band, Cover |
| GBM-126 | 1 | Packing | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| GBW-30E | 1 | Cover, Comm. End | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| GBW-69 | 1 | Gasket, C.E. Cover | NOTE: VRU-5004AX CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | |
| GBW-72 | 1 | Oil Guard | * See table following parts list for part number applying to assembly wanted. | | |
| GBW-73 | 1 | Gasket, Oil Guard | | | |
| GDZ-1097A | 1 | Head Assy., Partial, C.E. | | | |
| GBF-79 | 1 | BEARING, ABS. BRONZE | | | |
| GBW-45 | 2 | Spring, Brush | | | |
| GCJ-26 | 2 | Arm, Brush | | | |

(Continued on Reverse Side)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGC-4802A,B,S GENERATOR PARTS (Continued)

† BRUSH SET, SERVICE GGU-2012S.

| Assembly No. | Pulley |
|--------------|---------|
| GGC-4802A | SP-585A |
| GGC-4802B | SP-854A |
| GGC-4802S | None |

| UNIT | APPLICATION |
|--------------------------|----------------------------|
| GGC-4802A GGC-4802B,S | Volvo (Export) Hercules |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGE-4800 SERIES GENERATOR PARTS LIST

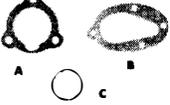
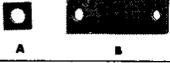
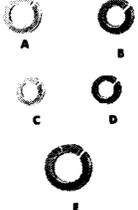
GGE-4800 Series

(Issued 10-5-55)

| Model No. | CUSTOMER |
|--------------|--------------------------------|
| GGE-4803 | Continental |
| GGE-4804M | Chrysler (Marine) |
| GGE-4805M | Chrysler (Marine) |
| GGE-4806A | Volvo (Export) |
| GGE-4806B | Hercules, Hough |
| GGE-4806C | Continental, Terratrac, Ustrac |
| GGE-4806S | Hercules |
| GGE-4807M | Chrysler (Marine) |
| GGE-4808M | Chrysler (Marine) |
| GGE-4809B, S | Continental |

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MISCELLANEOUS PARTS

| | Name | Part No. | No. Used | Used on |
|---|---|--|---|---|
|  | BAND, COVER | GBW-24B GBW-1024N GBW-1024R | 1 1 1 | GGE-4803 GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M GGE-4806A, B, C, S, GGE-4809B, S |
|  | BEARINGS (A) Absorbent Bronze, C. E. (B) Ball, D. E., SAE #203 (B) Ball, D. E., Shielded, SAE #203 (B) Ball, D. E., Shielded, SAE #204 | GBF-79 X-295 X-441 X-378 | 1 1 1 1 | All GGE-4803 GGE-4806A, B, C, S, GGE-4809B, S GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  | BOLT, THRU | GY-20 GY-20B | 2 2 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  | BUSHING, INSULATING Armature Terminal Field Terminal | GCT-25 GGE-33 GCY-25 GGE-34 | 1 1 1 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  | COIL, FIELD Left Right | GDZ-1007 GDZ-1007A GDZ-1008 GDZ-1008B | 1 1 1 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  | COVER, WICK | GAR-98A GAR-98C | 1 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  | COVER, COMM. END | GBW-30E GBW-1068 GBW-1068C | 1 1 1 | GGE-4806A, B, C, S, GGE-4809B, S GGE-4803 GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  | GASKET (A) Bearing Retainer, Drive End (B) Commutator End Cover (C) Oil Guard | GBM-124 GK-85 GX-10 GBW-69 GBW-73 | 1 1 1 1 1 | GGE-4806A, B, C, S, GGE-4809B, S GGE-4803 GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M All All |
|  | HEAD ASSEMBLY, PARTIAL, C. E. | GDZ-1067A GDZ-1097A GGE-1002A GGE-1004A | 1 1 1 1 | GGE-4803 GGE-4806A, B, C, S, GGE-4809B, S GGE-4804M, GGE-4807M GGE-4805M, GGE-4808M |
|  | HEAD, DRIVE END | GDZ-64A GDZ-86 GGE-3 GAM-110C | 1 1 1 1 | GGE-4806A, B, C, S GGE-4803 GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M GGE-4809B, S |
|  | HOLDER ASSEMBLY, INSULATING BRUSH | GDZ-1084 | 1 | GGE-4805M, GGE-4808M |
|  | INSULATION (A) Armature Terminal, Inner (A) Field Terminal, Inner (B) Terminal Stud, Inner | GDW-22A GBW-86A GEA-34 | 1 1 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
|  | KEY, WOODRUFF, #5 | X-260 | 1 | GGE-4806A, B, C, S, GGE-4809B, S |
|  | LEAD ASSEMBLY, ARMATURE | GEA-30 GEA-30D | 1 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  | LOCK RING, OIL THROWER | GAA-69 | 1 | GGE-4803 |
|  | LOCKWASHERS (A) Armature Terminal, 1/4 (B) Armature Terminal, 5/16 (C) Brush Holder Mounting Screw, #8 (C) Brush Lead Screw, #8 (C) Commutator End Cover Screw, #8 (D) Drive End Bearing Retainer Screw, #10 (D) Field Terminal, #10 (A) Field Terminal, 1/4 (D) Ground Screw, #10 (E) Shaft, Drive End (A) Thru Bolt, 1/4 | 12X-199 12X-1014 12X-195 12X-195 12X-195 12X-196 12X-196 12X-199 12X-196 12X-864 12X-199 | 2 2 2 2 4 3 2 2 1 1 2 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M GGE-4805M, GGE-4808M All All All GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M All GGE-4806A, B, C, S, GGE-4809B, S All |

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

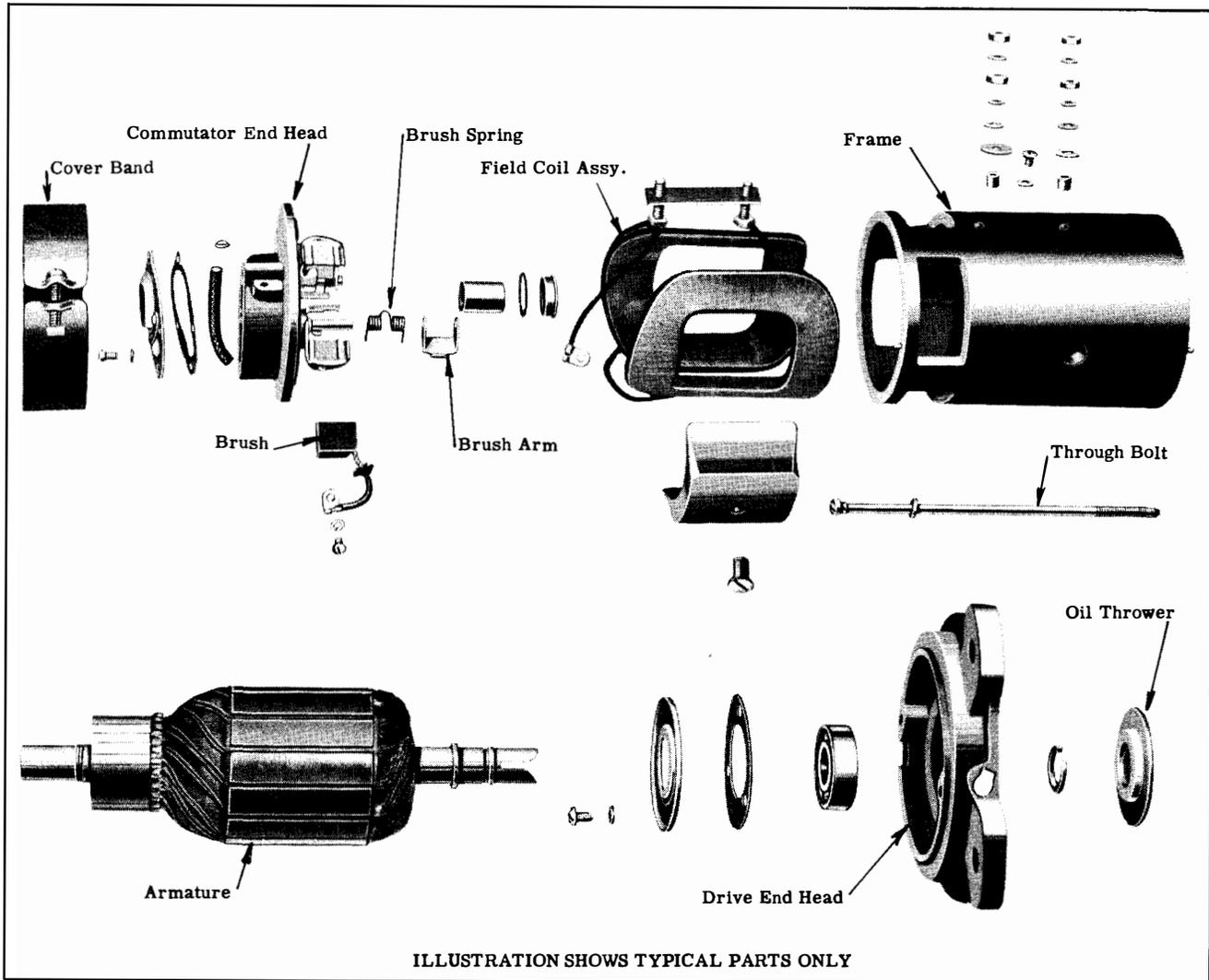


ILLUSTRATION SHOWS TYPICAL PARTS ONLY

| Generator | Armature | Brush Set | Field Coil Assembly | Brush Spring (2) Used | Brush Arm (2) Used | C. E. Head Assembly | D. E. Head Assembly | Frame & Field Assy. | Pulley | Regulator * |
|-----------|------------|------------|---------------------|-----------------------|--------------------|---------------------|---------------------|---------------------|---------|-------------|
| GGE-4803 | GBW-2088F | GBW-2012AS | GDZ-1005 | GBW-45 | G CJ-26 | GDZ-2087AS | GDZ-1086 | GDZ-2001A | - - - | VRW-4002A |
| GGE-4804M | GBW-2052FM | GBW-2012AS | GDZ-1005B | GBW-45A | G CJ-26B | GGE-2002S | GGE-1003 | GGE-2030 | - - - | VRW-6003AM |
| GGE-4805M | GBW-2052FM | GBW-2012AS | GDZ-1005B | GBW-45A | G CJ-26B | GGE-3004S | GGE-1003 | GGE-3031 | - - - | VRW-6003AM |
| GGE-4806A | GBW-2006F | GBW-2012AS | GDZ-1005 | GBW-45 | G CJ-26 | GDZ-2097S | GDZ-1064A | GDZ-2001 | SP-856 | VRW-8001AX |
| GGE-4806B | GBW-2006F | GBW-2012AS | GDZ-1005 | GBW-45 | G CJ-26 | GDZ-2097S | GDZ-1064A | GDZ-2001 | SP-854A | VRW-8001AX |
| GGE-4806C | GBW-2006F | GBW-2012AS | GDZ-1005 | GBW-45 | G CJ-26 | GDZ-2097S | GDZ-1064A | GDZ-2001 | SP-843 | VRW-8002BX |
| GGE-4806S | GBW-2006F | GBW-2012AS | GDZ-1005 | GBW-45 | G CJ-26 | GDZ-2097S | GDZ-1064A | GDZ-2001 | - - - | - - - |
| GGE-4807M | GBW-2105FM | GBW-2012AS | GDZ-1005B | GBW-45A | G CJ-26B | GGE-2002S | GGE-1003 | GGE-2030 | - - - | VRW-6003AM |
| GGE-4808M | GBW-2105FM | GBW-2012AS | GDZ-1005B | GBW-45A | G CJ-26B | GGE-3004S | GGE-1003 | GGE-3031 | - - - | VRW-6003AM |
| GGE-4809B | GBW-2006F | GBW-2012AS | GDZ-1005 | GBW-45 | G CJ-26 | GDZ-2097S | GAM-1110E | GDZ-2001 | SP-856 | VRW-8002B |
| GGE-4809S | GBW-2006F | GBW-2012AS | GDZ-1005 | GBW-45 | G CJ-26 | GDZ-2097S | GAM-1110E | GDZ-2001 | - - - | VRW-8002B |

* Regulator used with, but not a part of the Generator.

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

MISCELLANEOUS PARTS (Cont.)

| Name | Part No. | No. Used | Used on |
|---|----------|----------|--|
| NUTS | | | |
|  (A) Armature Terminal, Hex. #14-24 | 8X-177 | 2 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
|  (B) Armature Terminal, Hex. 5/16-24 | X-180 | 2 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  (C) Cover Band, Square #10-32 | 8X-794 | 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
|  (D) Field Terminal, Hex. #10-32 | 8X-2875 | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  (A) Field Terminal, Hex. 1/4-28 | 8X-1377 | 2 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
|  (E) Shaft, Drive End, Hex. | X-2903 | 2 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
| | GBM-21B | 1 | GGE-4806A, B, C, S, GGE-4809B, S |
| OILER | | | |
|  | X-489 | 1 | GGE-4803 |
| | X-489A | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
| | X-2961 | 2 | GGE-4806A, B, C, S, GGE-4809B, S |
| OIL GUARD, COMMUTATOR END | | | |
|  | GBW-72 | 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
| | GBW-72A | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
| OIL THROWER | | | |
|  | GBW-89 | 1 | GGE-4803 |
| | GDZ-1085 | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
| PACKING, COMMUTATOR END | | | |
|  | GBM-126 | 1 | GGE-4806A, B, C, S, GGE-4809B, S |
| PIN, DOWEL | | | |
| | MN-21 | 2 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
| | MN-21A | 2 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
| RETAINER | | | |
|  (A) Cupped, Drive End Felt Washer | GR-32 | 1 | GGE-4806A, B, C, S, GGE-4809B, S |
|  (B) Drive End Bearing | GBM-127 | 1 | GGE-4806A, B, C, S, GGE-4809B, S |
| | GG-6 | 1 | GGE-4803 |
| | GX-9A | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  (B) Drive End Felt Washer, Inner | GBM-125 | 1 | GGE-4806A, B, C, S, GGE-4809B, S |
|  (C) Drive End Felt Washer, Outer | GBM-128 | 1 | GGE-4806A, B, C, S, GGE-4809B, S |
| SCREWS | | | |
|  (A) Brush Holder Mounting, Round Head #8-32x5/16 | 19X-304 | 2 | GGE-4805M, GGE-4808M |
|  (A) Brush Lead, Round Head #8-32x1/4 | 8X-10 | 2 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  (B) Commutator End Cover, Fill. Head #8-32x5/16 | 8X-305 | 2 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
|  (C) Cover Band, Round Head #10-32x1 1/2 | 8X-888 | 4 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
|  (D) Cover Band, Fill. Head #10-32x1 1/2 | 8X-1754 | 4 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  (E) Drive End Bearing Retainer, Round Head #10-32x1/2 | 8X-714 | 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
|  (E) Drive End Bearing Retainer, Round Head #10-32x3/8 | 8X-2882 | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
| | GGW-52 | 3 | GGE-4806A, B, C, S, GGE-4809B, S |
| | 8X-21 | 3 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
| | 8X-311 | 3 | GGE-4803 |
| | 8X-20 | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
| | 8X-321 | 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
| | GK-38 | 2 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
| | GK-38C | 2 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
| SNAP RING, ARMATURE SHAFT | | | |
|  | GAR-171 | 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
| SPACER, ARMATURE SHAFT | | | |
|  | GJ-104B | 1 | GGE-4806A, B, S, GGE-4809B, S |
| STUD, TERMINAL | | | |
|  Armature Terminal, #14-24 | GEA-27 | 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
| Armature Terminal, 5/16-24 | GFL-27 | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
| Field Terminal, #10-32 | GEB-58 | 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
| Field Terminal, 1/4-28 | GFL-31 | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
| TERMINAL, ARMATURE LEAD | | | |
|  | X-847 | 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
| | X-847A | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
| WASHER | | | |
|  (A) Felt, D. E. | GAR-95 | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  (B) Insulating, Armature Terminal, Outer | GG-164A | 2 | GGE-4806A, B, C, S, GGE-4809B, S |
| | GAA-32 | 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
| | GGE-35 | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
| | GBW-34 | 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
| | GDW-44 | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  (C) Plain, Armature Terminal, 5/16 | MU-37G | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
|  (D) Plain, Armature Terminal, 1/4 | 8X-361 | 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
|  (E) Plain, Field Terminal, #10 | 8X-349 | 1 | GGE-4803, GGE-4806A, B, C, S, GGE-4809B, S |
|  (D) Plain, Field Terminal, 1/4 | 19X-361 | 1 | GGE-4804M, GGE-4805M, GGE-4807M, GGE-4808M |
| WICK, FELT | | | |
|  | GAR-73 | 1 | All |

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGF-4801 GENERATOR PARTS LIST

GGF-4801

| 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 | | | | |
| DK-23 | 2 | Bolt, Thru | 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 | | | | |
| (GGF-2025) | 1 | Frame & Field Assy. | X-295 | 1 | BEARING, BALL, S.A.E. #203 | | | | |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | |
| GAL-44 | 1 | Insulation, Field Connection | X-489 | 1 | Oiler | | | | |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | 8X-726 | 3 | Screw, C.E. Cover, Bdg. Hd. #10-32x7/16 | | | | |
| GBW-66 | 1 | Insulation, Arm. Term., Inner | X-1270 | 3 | Washer, Cover Sc., Skpf. #10 | | | | |
| GBW-67 | 1 | Insulation, Field Term., Inner | <u>Armature Assembly & Parts Used With</u> | | | | | | |
| GBY-38A | 2 | Screw, Pole Shoe | GAR-1177 | 1 | Oil Thrower | | | | |
| GC-26 | 1 | Washer, Ins., Arm. Term., Outer | GBM-21B | 1 | Nut, Shaft, Hex. .669-20 | | | | |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. | GGF-2128F | 1 | ARMATURE | | | | |
| GCY-25 | 1 | Bushing, Ins., Field Term. | SP-230A | 1 | Fan, Ventilating | | | | |
| GGF-1005 | 1 | COIL ASSY., FIELD, COMPLETE | X-157 | 1 | Nut, Shaft, D.E., Slotted 1/2-20 | | | | |
| GEA-30B | 1 | Lead Assembly | X-258 | 1 | Key, Woodruff, C.E., #3 | | | | |
| X-847 | 1 | Terminal | X-260 | 1 | Key, Woodruff, C.E., #5 | | | | |
| GEB-27 | 1 | Stud, Arm. Term., #14-24 | X-263 | 1 | Key, Woodruff, D.E., #8 | | | | |
| GEB-58 | 1 | Stud, Field Term., #10-32 | X-358 | 1 | Washer, Shaft, D.E., Plain 1/2 | | | | |
| GGF-1007 | 1 | Coil, Field, Left | X-404 | 1 | Pin, Cotter 3/32x1 | | | | |
| GGF-1008 | 1 | Coil, Field, Right | 12X-864 | 1 | Lockwasher, Shaft, C.E. | | | | |
| MN-21 | 2 | Pin, Dowel | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | GCE-1076 | 1 | Head Assy., Drive End | | | | |
| 12X-193 | 2 | Lockwasher, Arm. Term., #14 | GCE-76 | 1 | Head, Drive End | | | | |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GX-9 | 1 | Retainer, Bearing | | | | |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 | GX-10 | 1 | Gasket, Brg. Retainer | | | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 | 12X-196 | 3 | Lockwasher, Retainer Sc., #10 | | | | |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | 8X-311 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 | | | | |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | X-378 | 1 | BEARING, BALL, SHIELDED, S.A.E. #204 | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | <u>Miscellaneous Parts</u> | | | | | | |
| 12X-1014 | 2 | Lockwasher, Thru Bolt, 5/16 | GCE-24 | 1 | Band, Cover | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | |
| DA-39 | 2 | Washer, Plain, Felt Retaining | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| DA-132 | 1 | Washer, Felt, C.E. Outer | † BRUSH SET, SERVICE GGF-2012S. | | | | | | |
| DH-7 | 1 | Washer, Felt, C.E. Inner | NOTE: VRV-4003A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | | | | | |
| GAR-83A | 1 | Cover, Comm. End | <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">UNIT</th> <th style="padding: 5px;">APPLICATION</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">GGF-4801</td> <td style="padding: 5px;">Lathrop</td> </tr> </tbody> </table> | | | UNIT | APPLICATION | GGF-4801 | Lathrop |
| UNIT | APPLICATION | | | | | | | | |
| GGF-4801 | Lathrop | | | | | | | | |
| GBJ-25 | 1 | Gasket, C.E. Cover | | | | | | | |
| GGF-2050 | 1 | Head Assy., Comm. End | | | | | | | |
| GCE-53 | 2 | Spring, Brush | | | | | | | |
| GCE-54 | 2 | Arm, Brush | | | | | | | |
| GGF-1012 † | 2 | Brush | | | | | | | |

(Issued 6-3-49)

Printed in U. S. A.

File in
Equipment & Parts List Binder

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGF-4802 GENERATOR PARTS LIST

GGF-4802

| 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 |
| DK-23 | 2 | Bolt, Thru | | | | | X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 | | | | |
| (GGF-2025) | 1 | Frame & Field Assy. | | | | | 8X-726 | 3 | Screw, C.E. Cover, Bdg. Hd. #10-32x7/16 | | | | |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | | | | | X-1270 | 3 | Washer, C.E. Cover, Skpf. #10 | | | | |
| GAL-44 | 1 | Insulation, Field Connection | | | | | Armature Assembly & Parts Used With | | | | | | |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | | | | | GAR-1177 | 1 | Oil Thrower | | | | |
| GBW-66 | 1 | Insulation, Arm. Term., Inner | | | | | GBM-21 | 1 | Nut, Arm. Shaft, C.E., Hex., .669-20 | | | | |
| GBW-67 | 1 | Ins., Field Term., Inner | | | | | GGF-2087F | 1 | Armature | | | | |
| GBY-38A | 2 | Screw, Pole Shoe | | | | | SP-230A | 1 | Fan, Ventilating | | | | |
| GC-26 | 1 | Washer, Ins., Arm. Term., Outer | | | | | X-157 | 1 | Nut, Shaft, D.E., Slotted 1/2-20 | | | | |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. | | | | | X-258 | 1 | Key, Woodruff, C.E., #3 | | | | |
| GCY-25 | 1 | Bushing, Ins., Field Term. | | | | | X-263 | 1 | Key, Woodruff, D.E., #8 | | | | |
| GGF-1005 | 1 | Coil Assy., Field, Complete | | | | | X-358 | 1 | Washer, Shaft, Plain 1/2 | | | | |
| GEA-30B | 1 | Lead Assy. | | | | | X-404 | 1 | Pin, Cotter, 3/32x1 | | | | |
| X-847 | 1 | Terminal | | | | | X-864 | 1 | Lockwasher, Shaft, C.E. | | | | |
| GEB-27 | 1 | Stud, Arm. Term., #14-24 | | | | | Drive End Head Assembly & Parts Used With | | | | | | |
| GEB-58 | 1 | Stud, Field Term., #10-32 | | | | | GCE-1076 | 1 | Head Assy., Drive End | | | | |
| GGF-1007 | 1 | Coil, Field, Left | | | | | GCE-76 | 1 | Head | | | | |
| GGF-1008 | 1 | Coil, Field, Right | | | | | GX-9 | 1 | Retainer, Bearing | | | | |
| MN-21 | 2 | Pin, Dowel, Head Locating | | | | | GX-10 | 1 | Gasket, Retainer | | | | |
| 8X-177 | 2 | Nut, Arm. Term., Hex., #14-24 | | | | | X-196 | 3 | Lockwasher, Retainer Sc., #10 | | | | |
| X-193 | 2 | Washer, Lock, Arm. Term., #14 | | | | | 8X-311 | 3 | Screw, Bearing Retainer Rd. Hd., #10-32x3/8 | | | | |
| X-196 | 2 | Washer, Lock, Field Term., #10 | | | | | X-378 | 1 | Bearing, Ball, Shielded, S.A.E. #204 | | | | |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 | | | | | Miscellaneous Parts | | | | | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 | | | | | GCE-24C | 1 | Band, Cover | | | | |
| 8X-1377 | 2 | Nut, Field Term., Hex., #10-32 | | | | | 8X-715 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/4 | | | | |
| X-196 | 1 | Lockwasher, Ground Sc., #10 | | | | | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x 5/16 | | | | | | | 1 | 2 | 3 | 4 | 5 |
| X-1014 | 2 | Lockwasher, Thru Bolt, 5/16 | | | | | Comm. End Head Assembly & Parts Used With | | | | | | |
| DA-39 | 2 | Washer, Plain | | | | | † Brush Set, Service GGF-2012S. | | | | | | |
| DA-132 | 1 | Washer, Felt, C.E. Outer | | | | | NOTE: - VRV-4003A Current-Voltage Regulator is used with but is not a part of this generator. | | | | | | |
| DH-7 | 1 | Washer, Felt, C.E. Inner | | | | | | | | | | | |
| GAR-83A | 1 | Cover, Comm. End | | | | | | | | | | | |
| GBJ-25 | 1 | Gasket, C.E. Cover | | | | | | | | | | | |
| GGF-2050 | 1 | Head Assy., Comm. End | | | | | | | | | | | |
| GCE-53 | 2 | Spring, Brush | | | | | | | | | | | |
| GCE-54 | 2 | Arm, Brush | | | | | | | | | | | |
| GGF-1012† | 2 | Brush | | | | | | | | | | | |
| X-195 | 2 | Lockwasher, Brush Lead Sc., #8 | | | | | | | | | | | |
| X-295 | 1 | Bearing, Ball, S.A.E. #203 | | | | | | | | | | | |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | | | | | |

| | |
|----------|-------------|
| Unit | Application |
| GGF-4802 | Buda |

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(Issued 1-14-47)

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

GGF-4803A GENERATOR PARTS LIST

GGF-4803A

| Frame & Field Assembly & Parts Used With | | | Comm. End Head Assy. (Continued) | | | | | | |
|--|-------------------|------------------------------------|---|----------|--|------|-------------|-----------|-------------------|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part | | | | |
| DK-23C | 2 | Bolt, Thru | GCE-53 | 2 | Spring, Brush | | | | |
| (GGF-2082) | 1 | Frame & Field Assy. | GCE-54 | 2 | Arm, Brush | | | | |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | GGF-1012† | 2 | Brush | | | | |
| GAL-44 | 1 | Insulation, Field Connection | 12X-195 | 2 | Lockwasher, Lead Sc., #8 | | | | |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | 12X-196 | 3 | Lockwasher, Cover Sc., #10 | | | | |
| GBW-66 | 1 | Insulation, Arm. Term., Inner | 12X-199 | 1 | Lockwasher, Brg. Retaining Sc., 1/4 | | | | |
| GBW-67 | 1 | Insulation, Field Term., Inner | X-295 | 1 | BEARING, BALL. S.A.E. #203 | | | | |
| GBY-38A | 2 | Screw, Pole Shoe | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | |
| GC-26 | 1 | Washer, Ins., Arm. Term., Outer | X-489 | 1 | Oiler | | | | |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. | 8X-870 | 3 | Screw, Cover, Fill. Hd. #10-32x5/16 | | | | |
| GCY-25 | 1 | Bushing, Ins., Field Term. | <u>Armature Assembly & Parts Used With</u> | | | | | | |
| GGF-1005 | 1 | COIL ASSY., FIELD, COMPLETE | GBM-21B | 1 | Nut, Arm. Shaft, D.E. | | | | |
| GEA-30B | 1 | Lead Assy. | GEG-31 | 1 | Spacer, Arm. Shaft | | | | |
| X-847 | 1 | Terminal | GGF-2148F | 1 | ARMATURE | | | | |
| GEB-27 | 1 | Stud, Arm. Term., #14-24 | SP-852 | 1 | Pulley, Drive | | | | |
| GEB-58 | 1 | Stud, Field Term., #10-32 | X-260 | 1 | Key, Woodruff, #5 | | | | |
| GGF-1007A | 1 | Coil, Field, Left | 12X-864 | 1 | Lockwasher, Shaft, D.E. | | | | |
| GGF-1008 | 1 | Coil, Field, Right | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | |
| MN-21 | 2 | Pin, Dowel | GCE-1147 | 1 | Head Assy., Drive End | | | | |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | GAU-31 | 1 | Washer, Felt, Inner | | | | |
| 12X-193 | 2 | Lockwasher, Arm. Term., #14 | GCE-147 | 1 | Head, Drive End | | | | |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GG-6 | 1 | Retainer, Bearing | | | | |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 | GK-176 | 1 | Retainer, Felt, Inner | | | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 | GT-76 | 1 | Retainer, Felt, Outer | | | | |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | GT-78 | 1 | Washer, Felt, Outer | | | | |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 | 12X-196 | 3 | Lockwasher, Retainer Sc., #10 | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | X-295 | 1 | BEARING, BALL, S.A.E. #203 | | | | |
| 12X-1014 | 2 | Lockwasher, Thru Bolt | 8X-311 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x3/8 | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | X-489 | 1 | Oiler | | | | |
| DA-22 | 1 | Washer, Bearing Retaining | <u>Miscellaneous Parts</u> | | | | | | |
| DA-39 | 1 | Washer, Plain, Brg. Retaining | GCE-24 | 1 | Band, Cover | | | | |
| DA-60 | 1 | Screw, Bearing Retaining | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x 1 1/2 | | | | |
| DH-7 | 1 | Washer, Felt Comm. End | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| GBJ-25 | 1 | Gasket, C.E. Cover | NOTE: VRV-4003A CURRENT VOLTAGE REGULATOR is used with but is not a part of this generator. | | | | | | |
| GBJ-32A | 1 | Cover, Comm. End | † BRUSH SET, SERVICE GGF-2012S. | | | | | | |
| GGF-2118S | 1 | Head Assy., Comm. End | <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">UNIT</td> <td style="padding: 5px;">APPLICATION</td> </tr> <tr> <td style="padding: 5px;">GGF-4803A</td> <td style="padding: 5px;">Buda, Le Tourneau</td> </tr> </table> | | | UNIT | APPLICATION | GGF-4803A | Buda, Le Tourneau |
| UNIT | APPLICATION | | | | | | | | |
| GGF-4803A | Buda, Le Tourneau | | | | | | | | |

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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

GGF-4805A GENERATOR PARTS LIST

GGF-4805A

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|------------|----------|-----------------------------------|
| DK-23 | 2 | Bolt, Thru |
| (GGF-2082) | 1 | Frame & Field Assy. |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer |
| GAL-44 | 1 | Insulation, Field Conn. |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer |
| GBW-66 | 1 | Insulation, Arm. Term., Inner |
| GBW-67 | 1 | Insulation, Field Term., Inner |
| GBY-38A | 2 | Screw, Pole Shoe |
| GC-26 | 1 | Washer, Ins., Arm. Term., Outer |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. |
| GCY-25 | 1 | Bushing, Ins., Field Term. |
| GGF-1005 | 1 | COIL ASSY., FIELD, COMP. |
| GEA-30B | 1 | Lead Assy. |
| X-847 | 1 | Terminal |
| GEB-27 | 1 | Stud, Arm. Term., #14-24 |
| GEB-58 | 1 | Stud, Field Term., #10-32 |
| GGF-1007 | 1 | Coil, Field, Left |
| GGF-1008 | 1 | Coil, Field, Right |
| MN-21 | 2 | Pin, Dowel |
| 8X-177 | 2 | Nut, Arm. Term. Hex. #14-24 |
| 12X-193 | 2 | Lockwasher, Arm. Term., #14 |
| 12X-196 | 2 | Lockwasher, Field Term., #10 |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 |
| 8X-361 | 1 | Washer, Plain, Arm. Term. 1/4 |
| 8X-1377 | 2 | Nut, Field Term. Hex. #10-32 |
| 12X-196 | 1 | Lockwasher, Grd. Sc. #10 |
| 8X-321 | 1 | Screw, Ground Rd. Hd. #10-32x5/16 |
| 12X-1014 | 2 | Lockwasher, Thru Bolt, 5/16 |

Comm. End Head Assembly & Parts Used With

| | | |
|-----------|---|-------------------------------------|
| DA-22 | 1 | Washer, Bearing Retaining |
| DA-39 | 1 | Washer, Plain |
| DA-60 | 1 | Screw, Bearing Retaining |
| DH-7 | 1 | Washer, Felt, C.E. Inner |
| GBJ-25 | 1 | Gasket, Comm. End Cover |
| GBJ-32A | 1 | Cover, Comm. End |
| GGF-2118S | 1 | Head Assy., Comm. End |
| GCE-53 | 2 | Spring, Brush |
| GCE-54 | 2 | Arm, Brush |
| GGF-1012† | 2 | Brush |
| 12X-195 | 2 | Lockwasher, Brush Lead Sc. #8 |
| 12X-196 | 3 | Lockwasher, Cover Sc. #10 |
| 12X-199 | 1 | Lockwasher, Brg. Retaining Sc., 1/4 |
| X-295 | 1 | BEARING, BALL, S.A.E. #203 |

Comm. End Head Assembly (Continued)

| Part No. | No. Used | Name of Part |
|----------|----------|--------------------------------------|
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| X-488 | 1 | Oiler, Hinge Top, Press In, 1/4 |
| X-870 | 3 | Screw, Cover Fil. Hd. #10-32x5/16 |

Armature Assembly & Parts Used With

| | | |
|-----------|---|------------------------|
| GBG-49 | 1 | Spacer, Armature Shaft |
| GFR-56 | 1 | Spacer, Armature Shaft |
| GGF-2142F | 1 | ARMATURE |
| SP-847 | 1 | Pulley, Drive |

Drive End Head Assembly & Parts Used With

| | | |
|-----------|---|--|
| GEH-1084S | 1 | Head Assy., Drive End |
| GBG-57 | 1 | Retainer, Felt Washer |
| GBG-58 | 1 | Washer, Felt Retaining |
| GBG-182 | 1 | Gasket |
| GBG-1181 | 1 | Retainer Assy. Bearing |
| GBG-57 | 1 | Retainer, Felt Washer |
| GBG-58 | 1 | Washer, Felt |
| GBG-181 | 1 | Retainer, Bearing |
| GEH-84S | 1 | Head |
| 8X-119 | 4 | Screw, Bearing Retainer Fil. Hd., #10-32x1/2 |
| X-196 | 4 | Lockwasher Retainer Sc. #10 |
| X-444 | 1 | BEARING, BALL, S.A.E. #305 |
| X-489 | 1 | Oiler, Press in Type, 1/4 |

Miscellaneous Parts

| | | |
|--------|---|---|
| GCE-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 GGF-2012S.

NOTE: VRV-4003A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

| UNIT | APPLICATION |
|-----------|-------------|
| GGF-4805A | Continental |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGF-6001A,B,S GENERATOR PARTS LIST

GGF-6001A,B,S

| 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 |
| DK-23 | 2 | Bolt, Thru | GCE-54 | 2 | Arm, Brush |
| (GGF-2092) | 1 | Frame & Field Assy. | GGF-1012† | 2 | Brush |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 |
| GAL-44 | 1 | Insulation, Field Connection | 12X-196 | 3 | Lockwasher, Cover Screw, #10 |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | 12X-199 | 1 | Lockwasher, Brg. Retaining Sc., 1/4 |
| GBW-66 | 1 | Insulation, Arm. Term., Inner | X-295 | 1 | BEARING, BALL, S.A.E. #203 |
| GBW-67 | 1 | Insulation, Field Term., Inner | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| GBY-38A | 2 | Screw, Pole Shoe | X-489 | 1 | Oiler |
| GC-26 | 1 | Washer, Ins., Arm. Term., Outer | 8X-870 | 3 | Screw, Cover, Fill. Hd. #10-32x5/16 |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. | Armature Assembly & Parts Used With | | |
| GCY-25 | 1 | Bushing, Ins., Field Term. | GBM-21B | 1 | Nut, Arm. Shaft, D.E. |
| GGF-1005 | 1 | COIL ASSY., FIELD, COMPLETE | GGF-44 | 1 | Spacer, Armature Shaft |
| GEA-30B | 1 | Lead Assembly | GGF-2151F | 1 | ARMATURE |
| X-847 | 1 | Terminal | * | 1 | Pulley, Drive |
| GEB-27 | 1 | Stud, Arm. Term., #14-24 | X-263 | 1 | Key, Woodruff, #8 |
| GEB-58 | 1 | Stud, Field Term., #10-32 | 12X-864 | 1 | Lockwasher, Shaft, D.E. |
| GGF-1007 | 1 | Coil, Field, Left | Drive End Head Assembly & Parts Used With | | |
| GGF-1008 | 1 | Coil, Field, Right | GGF-1003 | 1 | Head Assy., Drive End |
| MN-21 | 2 | Pin, Dowel | GGF-3 | 1 | Head, Drive End |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | GGF-9 | 2 | Washer, Felt |
| 12X-193 | 2 | Lockwasher, Arm. Term., #14 | GGF-10 | 1 | Retainer, Felt Washer, Outer |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GGF-11 | 1 | Gasket, Brg. Retainer |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 | GGF-12 | 1 | Retainer, Felt Washer, Inner |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 | GGF-13 | 1 | Retainer, Bearing |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | 12X-196 | 3 | Lockwasher, Brg. Retainer Sc., #10 |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | X-298 | 1 | BEARING, BALL, S.A.E. #204 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | 8X-311 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x3/8 |
| 12X-1014 | 2 | Lockwasher, Thru Bolt, 5/16 | X-489 | 1 | Oiler |
| Comm. End Head Assembly & Parts Used With | | | Miscellaneous Parts | | |
| DA-22 | 1 | Washer, Bearing Retaining | GCE-24 | 1 | Band, Cover |
| DA-39 | 1 | Washer, Plain, Felt Retaining | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| DA-60 | 1 | Screw, Bearing Retaining | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| DH-7 | 1 | Washer, Felt, C.E. Inner | † BRUSH SET, SERVICE GGF-2012S. | | |
| GBJ-25 | 1 | Gasket, C.E. Cover | NOTE: VRV-4003B CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | |
| GBJ-32A | 1 | Cover, Comm. End | | | |
| GGF-2002 | 1 | Head Assy., Comm. End | | | |
| GCE-53 | 2 | Spring, Brush | | | |

(Continued on Reverse Side)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGF-6001A,B,S GENERATOR PARTS (Continued)

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

| Assembly No. | Pulley |
|--------------|--------|
| GGF-6001A | SP-851 |
| GGF-6001B | SP-829 |
| GGF-6001S | None |

| UNIT | APPLICATION |
|-----------|---------------------|
| GGF-6001A | Buda |
| GGF-6001B | Harnischfeger Corp. |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGG-4801M GENERATOR PARTS LIST

GGG-4801M

| 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 | | | | |
| (GGG-2030) | 1 | Frame & Field Assy. | | | | GDP-2052FM | 1 | ARMATURE | | | | | | | | | |
| GBW-66A | 1 | Insulation, Field Term., Inner | | | | GDZ-1085 | 1 | Oil Thrower | | | | | | | | | |
| GDW-22A | 1 | Insulation, Arm. Term., Inner | | | | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | | | | | | |
| GDW-44 | 1 | Washer, Ins., Field Term. | | | | GGE-1003 | 1 | Head Assy., Drive End | | | | | | | | | |
| GEF-1005C | 1 | Coil Assy., Field, Comp. | | | | GAR-95 | 1 | Washer, Felt | | | | | | | | | |
| GEA-30E | 1 | Lead Assy. | | | | GGE-3 | 1 | Head, Drive End | | | | | | | | | |
| X-847 | 1 | Terminal | | | | GX-9A | 1 | Retainer, Bearing | | | | | | | | | |
| GEF-1007A | 1 | Coil, Field, Left | | | | GX-10 | 1 | Gasket, Brg. Retainer | | | | | | | | | |
| GEF-1008C | 1 | Coil, Field, Right | | | | 8X-21 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 | | | | | | | | | |
| GFL-27 | 1 | Stud, Arm. Term., 5/16-24 | | | | 12X-196 | 3 | Lockwasher, Retainer Sc., #1 [^] | | | | | | | | | |
| GFL-31 | 1 | Stud, Field Term., 1/4-28 | | | | X-378 | 1 | BEARING, BALL, SHIELDED, S.A.E. #204 | | | | | | | | | |
| GGE-33 | 1 | Bushing, Ins., Arm. Term. | | | | X-489A | 1 | Oiler, Hinge Top, Press in, 1/4 | | | | | | | | | |
| GGE-34 | 1 | Bushing, Ins., Field Term. | | | | <u>Miscellaneous Parts</u> | | | | | | | | | | | |
| GGE-35 | 1 | Washer, Ins., Arm. Term. | | | | GBW-1024N | 1 | Band, Cover | | | | | | | | | |
| GK-38C | 2 | Screw, Pole Shoe | | | | 8X-2873 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/4 | | | | | | | | | |
| MN-21A | 2 | Pin, Dowel | | | | 8X-2875 | 1 | Nut, Cover Band, Square #10-32 | | | | | | | | | |
| MU-37G | 1 | Washer, Plain, Arm. Term., 5/16 | | | | | | | | | | | | | | | |
| X-180 | 2 | Nut, Arm. Term., Hex. 5/16-24 | | | | | | | | | | | | | | | |
| 12X-199 | 2 | Lockwasher, Field Term., 1/4 | | | | | | | | | | | | | | | |
| 19X-361 | 1 | Washer, Plain, Field Term., 1/4 | | | | | | | | | | | | | | | |
| 12X-1014 | 2 | Lockwasher, Arm. Term., 5/16 | | | | | | | | | | | | | | | |
| X-2903 | 2 | Nut, Field Term., Hex. 1/4-28 | | | | | | | | | | | | | | | |
| GY-20B | 2 | Bolt, Thru | | | | | | | | | | | | | | | |
| 8X-20 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | | | | | | | | | | | | | | | |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 | | | | | | | | | | | | | | | |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | | | | | | | | | | | | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | | | | | | | | | | | | | | | |
| GGE-2002 | 1 | Head Assy., Comm. End | | | | | | | | | | | | | | | |
| GAR-73 | 1 | Wick, Felt | | | | | | | | | | | | | | | |
| GAR-98C | 1 | Cover, Wick | | | | | | | | | | | | | | | |
| GBW-69 | 1 | Gasket, C.E. Cover | | | | | | | | | | | | | | | |
| GBW-72A | 1 | Oil Guard | | | | | | | | | | | | | | | |
| GBW-73 | 1 | Gasket, Oil Guard | | | | | | | | | | | | | | | |
| GBW-1012A† | 2 | Brush | | | | | | | | | | | | | | | |
| GBW-1068C | 1 | Cover, Comm. End | | | | | | | | | | | | | | | |
| GGE-1002A | 1 | Head Assy., Partial, C.E. | | | | | | | | | | | | | | | |
| GBF-79 | 1 | BEARING, ABS. BRONZE | | | | | | | | | | | | | | | |
| GBW-45A | 2 | Spring, Brush | | | | | | | | | | | | | | | |
| GCJ-26A | 2 | Arm. Brush | | | | | | | | | | | | | | | |
| 12X-195 | 4 | Lockwasher, Cover Sc., #8 | | | | | | | | | | | | | | | |
| 8X-1754 | 4 | Screw, Cover, Fill. Hd. #8-32x5/16 | | | | | | | | | | | | | | | |
| 8X-10 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | | | | | | | | | | | | |
| 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 | | | | | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | |

† BRUSH SET, SERVICE GBW-2012AS.

NOTE: - VRS-4102DM CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator.

| | |
|-----------|-----------------|
| UNIT | APPLICATION |
| GGG-4801M | Chrysler Marine |

(Issued 1-22-48)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGG-4802M GENERATOR PARTS LIST

GGG-4802M

| 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 | | | | |
| (GGG-3031) | 1 | Frame & Field Assy. | | | 12X-195 | 2 | Lockwasher, Br. Holder Sc., #8 | | | | | | | | |
| GBW-66A | 1 | Insulation, Field Term., Inner | | | 19X-304 | 2 | Screw, Br. Holder Rd. Hd. #8-32x5/16 | | | | | | | | |
| GDW-22A | 1 | Insulation, Arm. Term., Inner | | | 12X-195 | 4 | Lockwasher, Cover Sc., #8 | | | | | | | | |
| GDW-44 | 1 | Washer, Ins., Field Term. | | | 8X-1754 | 4 | Screw, Cover, Fill. Hd. #8-32x5/16 | | | | | | | | |
| GEF-1005C | 1 | Coil, Assy., Field, Comp. | | | 8X-10 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | | | | | |
| GEA-30E | 1 | Lead Assy. | | | 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 | | | | | | | | |
| X-847 | 1 | Terminal | | | Armature Assembly & Parts Used With | | | | | | | | | | |
| GEF-1007A | 1 | Coil, Field Left | | | GDP-2052FM | 1 | ARMATURE | | | | | | | | |
| GEF-1008C | 1 | Coil, Field, Right | | | GDZ-1085 | 1 | Oil Thrower | | | | | | | | |
| GFL-27 | 1 | Stud, Arm. Term., 5/16-24 | | | Drive End Head Assembly & Parts Used With | | | | | | | | | | |
| GFL-31 | 1 | Stud, Field Term., 1/4-28 | | | GGE-1003 | 1 | Head Assy., Drive End | | | | | | | | |
| GGE-33 | 1 | Bushing, Ins., Arm. Term. | | | GAR-95 | 1 | Washer, Felt | | | | | | | | |
| GGE-34 | 1 | Bushing, Ins., Field Term. | | | GGE-3 | 1 | Head, Drive End | | | | | | | | |
| GGE-35 | 1 | Washer, Ins., Arm. Term. | | | GX-9A | 1 | Retainer, Bearing | | | | | | | | |
| GK-38C | 2 | Screw, Pole Shoe | | | GX-10 | 1 | Gasket, Brg. Retainer | | | | | | | | |
| MN-21A | 2 | Pin, Dowel | | | 8X-21 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 | | | | | | | | |
| MU-37G | 1 | Washer, Plain, Arm. Term., 5/16 | | | 12X-196 | 3 | Lockwasher, Retainer Sc., #10 | | | | | | | | |
| X-180 | 2 | Nut, Arm. Term., Hex. 5/16-24 | | | X-378 | 1 | BEARING, BALL, SHIELDED, S.A.E. #204 | | | | | | | | |
| 12X-199 | 2 | Lockwasher, Field Term., 1/4 | | | X-489A | 1 | Oiler, Hinge Top, Press in, 1/4 | | | | | | | | |
| 19X-361 | 1 | Washer, Plain, Field Term., 1/4 | | | Miscellaneous Parts | | | | | | | | | | |
| 12X-1014 | 2 | Lockwasher, Arm. Term., 5/16 | | | GBW-1024N | 1 | Band, Cover | | | | | | | | |
| X-2903 | 2 | Nut, Field Term., Hex. 1/4-28 | | | 8X-2873 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/4 | | | | | | | | |
| GY-20B | 2 | Bolt, Thru | | | 8X-2875 | 1 | Nut, Cover Band, Square #10-32 | | | | | | | | |
| 8X-20 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | | | | | 1 | 2 | 3 | 4 | 5 | | | | |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 | | | † Brush Set, Service GBW-2012AS. | | | | | | | | | | |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | | | NOTE: - VRS-4102DM CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | | | | | | | | | |
| Comm. End Head Assembly & Parts Used With | | | | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">UNIT</th> <th style="width: 50%;">APPLICATION</th> </tr> <tr> <td style="text-align: center;">GGG-4802M</td> <td style="text-align: center;">Chrysler Marine</td> </tr> </table> | | | | | | | UNIT | APPLICATION | GGG-4802M | Chrysler Marine |
| UNIT | APPLICATION | | | | | | | | | | | | | | |
| GGG-4802M | Chrysler Marine | | | | | | | | | | | | | | |
| GGE-3004 | 1 | Head Assy., Comm. End | | | | | | | | | | | | | |
| GAR-73 | 1 | Wick, Felt | | | | | | | | | | | | | |
| GAR-98C | 1 | Cover, Wick | | | | | | | | | | | | | |
| GBW-69 | 1 | Gasket, C.E. Cover | | | | | | | | | | | | | |
| GBW-72A | 1 | Oil Guard | | | | | | | | | | | | | |
| GBW-73 | 1 | Gasket, Oil Guard | | | | | | | | | | | | | |
| GBW-1012A† | 2 | Brush | | | | | | | | | | | | | |
| GBW-1068C | 1 | Cover, Comm. End | | | | | | | | | | | | | |
| GGE-1004A | 1 | Head Assy., Partial, Comm. End | | | | | | | | | | | | | |
| GBF-79 | 1 | BEARING, ABS. BRONZE | | | | | | | | | | | | | |
| GBW-45A | 1 | Spring, Grounded Brush | | | | | | | | | | | | | |
| GCJ-26A | 1 | Arm, Grounded Brush | | | | | | | | | | | | | |
| GDZ-1084 | 1 | Holder Assy., Ins. Brush | | | | | | | | | | | | | |
| GBW-45A | 1 | Spring, Brush | | | | | | | | | | | | | |
| GCJ-26A | 1 | Arm, Brush | | | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | | | | | | | |

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



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGG-4803 GENERATOR PARTS LIST

GGG-4803

| 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 | | | | |
| (GGG-3036) | 1 | Frame & Field Assembly | 8X-888 | 4 | Screw, C.E. Cover, Fil. Hd. #8-32x5/16 | | | | |
| GAL-44 | 1 | Insulation, Field Connection | 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 | | | | |
| GBF-55 | 1 | Washer, Ins., Field Term. Outer | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd., #8-32x1/4 | | | | |
| GBW-66 | 1 | Insulation, Arm. Term. Inner | <u>Armature Assembly & Parts Used With</u> | | | | | | |
| GBW-67 | 1 | Insulation, Field Term. Inner | GAR-1177 | 1 | Oil Thrower | | | | |
| GDW-44 | 1 | Washer, Ins., Arm. Term. Outer | GDP-2081F | 1 | ARMATURE | | | | |
| GEF-1005D | 1 | COIL ASSY., FIELD, COMP. | GK-174 | 1 | Washer, Plain, 1/2 | | | | |
| GEA-27 | 1 | Stud, Arm. Term. #14-24 | X-156 | 1 | Nut, Shaft, Castellated 1/2-20 | | | | |
| GEA-30A | 1 | Lead Assy. | X-263 | 1 | Key, Woodruff, #8 | | | | |
| X-847 | 1 | Terminal | X-404 | 1 | Pin, Cotter, 3/32x1 | | | | |
| GEB-58 | 1 | Stud, Field Term. #10-32 | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | |
| GEF-1007 | 1 | Coil, Left | GAR-1247BS | 1 | Head Assy., Drive End | | | | |
| GEF-1008D | 1 | Coil, Right | GAR-95 | 1 | Washer, Felt | | | | |
| GGG-25 | 1 | Bushing, Ins., Field Term. | GAR-247BS | 1 | Head | | | | |
| GGG-26 | 1 | Bushing, Ins. Arm. Term. | GX-9 | 1 | Retainer, Bearing | | | | |
| GK-38 | 2 | Screw, Pole Shoe | GX-10 | 1 | Gasket | | | | |
| MN-21 | 2 | Pin, Dowel | 12X-196 | 3 | Lockwasher, Brg. Retainer Sc. #10 | | | | |
| 8X-177 | 2 | Nut, Arm. Term. Hex. #14-24 | 8X-311 | 3 | Screw, Brg. Retainer Rd. Hd. #10-32x3/8 | | | | |
| 12X-193 | 2 | Lockwasher, Arm. Term.#14 | X-378 | 1 | BEARING, BALL, S.A.E. #204 | | | | |
| 12X-196 | 2 | Lockwasher, Field Term.#10 | <u>Miscellaneous Parts</u> | | | | | | |
| 8X-349 | 1 | Washer, Plain, Field Term. #10 | GBW-1024C | 1 | Band, Cover | | | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term. 1/4 | X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | |
| 8X-1377 | 2 | Nut, Field Term. Hex. #10-32 | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| GK-20A | 2 | Bolt, Thru | † BRUSH SET, SERVICE GBW-2012S. | | | | | | |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | NOTE: VRS-4004E CURRENT- VOLTAGE REGULATOR is used with but is not a part of this generator. | | | | | | |
| 12X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">UNIT</th> <th style="padding: 5px;">APPLICATION</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">GGG-4803</td> <td style="text-align: center; padding: 5px;">Atlas Imperial</td> </tr> </tbody> </table> | | | UNIT | APPLICATION | GGG-4803 | Atlas Imperial |
| UNIT | APPLICATION | | | | | | | | |
| GGG-4803 | Atlas Imperial | | | | | | | | |
| 8X-321 | 1 | Screw, Ground Rd. Hd. #10-32x5/16 | (Issued 8-25-48) | | | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | | | | | | | |
| GGE-3004A | 1 | Head Assy., Comm. End | | | | | | | |
| GAR-73 | 1 | Wick, Felt | | | | | | | |
| GAR-98A | 1 | Cover, Wick | | | | | | | |
| GBW-69 | 1 | Gasket, C.E. Cover | | | | | | | |
| GBW-72 | 1 | Oil Guard | | | | | | | |
| GBW-73 | 1 | Gasket, Oil Retaining | | | | | | | |
| GBW-1012A† | 2 | Brush, Main | | | | | | | |
| GBW-1068 | 1 | Cover, Comm. End | | | | | | | |
| GGE-1004C | 1 | Head Assy., Partial, C.E. | | | | | | | |
| GBF-79 | 1 | BEARING, BRONZE | | | | | | | |
| GBW-45 | 1 | Spring, Brush | | | | | | | |
| GCJ-26 | 1 | Arm, Brush | | | | | | | |
| GDZ-1084 | 1 | Holder Assy., Ins. Brush | | | | | | | |
| GBW-45A | 1 | Spring, Brush | | | | | | | |
| GCJ-26A | 1 | Arm, Brush | | | | | | | |
| 12X-195 | 2 | Lockwasher, Holder Sc.#8 | | | | | | | |
| 8X-304 | 2 | Screw, Holder Attaching, Rd. Hd. #8-32x5/16 | | | | | | | |
| 12X-195 | 4 | Lockwasher, Cover Sc. #8 | | | | | | | |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGH-4501 GENERATOR PARTS LIST

GGH-4501

| 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 | | | | |
| GCO-20 | 2 | Bolt, Thru | 8X-59 | 2 | Screw, Brush Lead, Rd. #8-32x3/16 | | | | |
| (GGH-3038) | 1 | Frame & Field Assy. | 8X-63 | 2 | Screw, Brush Plate, Flat Hd. #8-32x3/8 | | | | |
| GAA-30 | 1 | Insulation, Arm. Term., Inner | 12X-195 | 2 | Lockwasher, Ground Lead Screw, #8 | | | | |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | 8X-304 | 1 | Screw, Ground Lead, Rd. Hd. #8-32x5/16 | | | | |
| GBY-38A | 2 | Screw, Pole Shoe | X-1276 | 1 | Washer, Brush Lead Screw Skpf. #8 | | | | |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. | 8X-1505 | 2 | Screw, Brush, Bdg. Hd. #8-32x9/16 | | | | |
| GEE-23 | 1 | Lead Assy. | 8X-62 | 3 | Screw, C.E. Cover, Flat Hd. #10-32x3/8 | | | | |
| GAA-27 | 1 | Stud, Arm. Term., #14-24 | X-1499 | 1 | BEARING, BALL, SEALED, S.A.E. #203 | | | | |
| X-947 | 1 | Terminal | <u>Armature Assembly & Parts Used With</u> | | | | | | |
| GGH-2005 | 1 | COIL ASSY., FIELD, COMPLETE | GBM-21B | 1 | Nut, Arm. Shaft, C.E. | | | | |
| GAA-27 | 1 | Stud, Field Term., #14-24 | GEE-25 | 1 | Noise Eliminator | | | | |
| GGH-1007 | 1 | Coil Assy., Field, Right | GG-60 | 1 | Spacer | | | | |
| X-947 | 1 | Terminal | GGH-2035 | 1 | ARMATURE ASSY. | | | | |
| GGH-1008 | 1 | Coil, Field, Left | GAR-171 | 1 | Snap Ring | | | | |
| MN-21 | 2 | Pin, Dowel | X-260 | 1 | Key, Woodruff, #5 | | | | |
| 8X-177 | 4 | Nut, Term. Stud, Hex. #14-24 | 12X-864 | 1 | Lockwasher, Arm. Shaft, C.E. | | | | |
| 12X-193 | 4 | Lockwasher, Term. Stud, #14 | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term., 1/4 | GGH-3 | 1 | Head, Drive End | | | | |
| X-199 | 2 | Lockwasher, Thru Bolt, 1/4 | X-1498 | 1 | BEARING, BALL | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | <u>Miscellaneous Parts</u> | | | | | | |
| GEE-27 | 1 | Gasket, C.E. Cover | GET-24 | 1 | Band, Cover | | | | |
| GEE-28 | 1 | Cover, Comm. End | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | |
| GGH-3002 | 1 | Head Assy., Comm. End | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| GAL-12† | 2 | Brush, Main | † BRUSH SET, SERVICE GAL-2012A. | | | | | | |
| GAL-199 | 2 | Block, Brush Screw | NOTE: CBK-4001 CUTOFF RELAY is used with but is not a part of this generator. | | | | | | |
| GAL-205 | 2 | Spring, Retaining, 3rd. Brush Plate | <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">UNIT</td> <td style="padding: 5px;">APPLICATION</td> </tr> <tr> <td style="padding: 5px;">GGH-4501</td> <td style="padding: 5px;">Wincharger Corp.</td> </tr> </table> | | | UNIT | APPLICATION | GGH-4501 | Wincharger Corp. |
| UNIT | APPLICATION | | | | | | | | |
| GGH-4501 | Wincharger Corp. | | | | | | | | |
| GAL-242 | 2 | Holder, Brush | | | | | | | |
| GCX-19 | 2 | Spring, Brush | | | | | | | |
| GDU-30 | 1 | Lead Assy. | | | | | | | |
| X-958 | 2 | Terminal | | | | | | | |
| GET-1002 | 1 | Head, Comm. End | | | | | | | |
| GGH-2213 | 1 | Plate Assy., 3rd. Brush | | | | | | | |
| GAL-199 | 1 | Block, Brush Screw | | | | | | | |
| GAL-242 | 1 | Holder, Brush | | | | | | | |
| GAR-13† | 1 | Brush, Third | | | | | | | |
| GAR-1213 | 1 | Plate, 3rd. Brush | | | | | | | |
| GCX-19 | 1 | Spring, Brush | | | | | | | |
| 8X-59 | 1 | Screw, Brush Lead, Rd. Hd. #8-32x3/16 | | | | | | | |
| X-1276 | 1 | Washer, Brush Lead Sc., Skpf. #8 | | | | | | | |
| 8X-1505 | 1 | Screw, Brush, Bdg. Hd. #8-32x9/16 | | | | | | | |

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(Issued 10-11-49)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGJ-4802A GENERATOR PARTS LIST

GGJ-4802A

| 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 | |
| GCD-20A | 2 | Bolt, Thru | | | | | GBM-21 | 1 | Nut, Armature Shaft | | | | | |
| GGA-59 | 1 | Bracket, Gen. Mtg. | | | | | GGA-48 | 1 | Spacer, Armature Shaft | | | | | |
| (GGJ-2033) | 1 | Frame & Field Assy. | | | | | GGJ-2097F | 1 | Armature Assy. | | | | | |
| GAA-32 | 1 | Washer Arm. Term. Ins. Outer | | | | | SP-855 | 1 | Pulley, Drive | | | | | |
| GAU-45 | 1 | Insulation, Field Connection | | | | | X-263 | 1 | Key, Woodruff, D.E., #8 | | | | | |
| GBW-34 | 1 | Washer, Field Term. Ins. Outer | | | | | 12X-864 | 1 | Lockwasher, Shaft | | | | | |
| GBY-38A | | | | | Drive End Head Assembly & Parts Used With | | | | | | | | | |
| GDD-27 | 4 | Screw, Pole Shoe | | | | | GGA-1043 | 1 | Head Assy., Drive End | | | | | |
| GDD-28 | 1 | Bushing, Field Term. Ins. | | | | | GAR-178 | 2 | Retainer, Bearing | | | | | |
| GFY-1005 | 1 | Bushing, Arm. Term. Ins. | | | | | GAR-179 | 2 | Retainer, Felt Washer | | | | | |
| GEB-58 | 1 | Coil Assy., Field Complete | | | | | GGA-43 | 1 | Head | | | | | |
| GFY-1007A | 1 | Stud, Field Term. #10-32 | | | | | GJ-147 | 2 | Felt, Retainer | | | | | |
| GFY-1007A | 1 | Coil Assy., Field Left | | | | | 8X-173 | 3 | Nut, Retainer Sc. Hex. #10-32 | | | | | |
| GCD-79 | 1 | Lead Assy. | | | | | 12X-196 | 3 | Lockwasher, Retainer Sc. #10 | | | | | |
| X-1425 | 1 | Terminal | | | | | X-298 | 1 | Bearing, Ball S.A.E. #204 | | | | | |
| GEB-27 | 1 | Stud, Arm. Term. | | | | | 8X-306 | 3 | Screw, Brg. Retainer Rd. Hd. #10-32x1 | | | | | |
| GFY-1008A | 1 | Coil, Field, Right | | | | | X-489 | 1 | Oiler, Press in type 1/4 | | | | | |
| GGA-52 | 1 | Insulation Term. Stud Inner | | | | | Miscellaneous Parts | | | | | | | |
| MN-21 | 2 | Pin, Dowel | | | | | GCD-24B | 1 | Band, Cover | | | | | |
| 8X-177 | 2 | Nut, Term. Stud Hex. #14-24 | | | | | 8X-715 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/4 | | | | | |
| 12X-193 | 2 | Lockwasher, Term. Stud #14 | | | | | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | | |
| 12X-196 | 2 | Lockwasher, Field Term. #10 | | | | | | | 1 | 2 | 3 | 4 | 5 | |
| 8X-349 | 1 | Washer, Field Term. Plain #10 | | | | | | | | | | | | |
| 8X-361 | 1 | Washer, Arm. Term. Plain 1/4 | | | | | | | | | | | | |
| 8X-1377 | 2 | Nut, Field Term. Hex. #10-32 | | | | | | | | | | | | |
| 8X-149 | 2 | Nut, Hex., 7/16-14 | | | | | | | | | | | | |
| 8X-159 | 2 | Nut, Thru Bolt, Hex. 3/8-24 | | | | | | | | | | | | |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | | | | | | | | | | | | |
| 12X-205 | 2 | Lockwasher, Mtg. Bracket, 7/16 | | | | | | | | | | | | |
| 8X-2960 | 2 | Screw, Hex. Hd. 7/16-14x1 3/8 | | | | | | | | | | | | |
| Comm. End Head Assembly & Parts Used With | | | | | | | | | | | | | | |
| DA-22 | 1 | Washer, Bearing Retaining | | | | | | | | | | | | |
| DA-60 | 1 | Screw, Bearing Retaining | | | | | | | | | | | | |
| DB-17 | 1 | Washer, Plain, Felt Retaining | | | | | | | | | | | | |
| DD-24C | 1 | Cover, Comm. End | | | | | | | | | | | | |
| DD-44 | 1 | Gasket, C.E. Cover | | | | | | | | | | | | |
| GBY-28 | 1 | Washer, Felt, C.E. Outer | | | | | | | | | | | | |
| GGJ-2021 | 1 | Head Assy., Comm. End | | | | | | | | | | | | |
| GBY-25 | 2 | Spring, Brush | | | | | | | | | | | | |
| GBY-34 | 2 | Arm, Brush | | | | | | | | | | | | |
| GGJ-1012† | 2 | Brush Assembly | | | | | | | | | | | | |
| 8X-119 | 3 | Screw, C.E. Head, Fil. Hd. #10-32x1/2 | | | | | | | | | | | | |
| 12X-195 | 2 | Lockwasher, Brush Lead Sc., #8 | | | | | | | | | | | | |
| 12X-199 | 1 | Lockwasher, Brg. Ret'g. 1/4 | | | | | | | | | | | | |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | | | | | | | | | |
| X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 | | | | | | | | | | | | |
| 12X-544 | 3 | Lockwasher, C.E. Hd. Sc., #10 | | | | | | | | | | | | |
| X-867 | 1 | Bearing, Ball, Shielded, S.A.E. #303 | | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | | | | | | |

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

† Brush Set, Service GGJ-2012S.

| Unit | Application |
|-----------|------------------------|
| GGJ-4802A | Diamond T, Continental |

(Issued 11-1-46)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGJ-4803A, B, C GENERATOR PARTS LIST

GGJ-4803A, B, C
(Issued 9-16-53)

| <u>Frame & Field Assembly & Parts Used With</u> | | |
|---|----------|--|
| Part No. | No. Used | Name of Part |
| GGA-20 | 2 | Bolt, Thru |
| * | 1 | Bracket, Gen. Mtg. |
| GGJ-2033 | 1 | Frame & Field Assembly |
| GAA-32 | 1 | Washer, Arm. Term. Ins. Outer |
| GBW-34 | 1 | Washer, Field Term. Ins. Outer |
| GBY-38A | 4 | Screw, Pole Shoe |
| GDD-27 | 1 | Bushing, Field Term. Ins. |
| GDD-28 | 1 | Bushing, Arm. Term. Ins. |
| GFY-1005 | 1 | COIL ASSY. , FIELD, COMPLETE |
| GEB-58 | 1 | Stud, Field Term. , #10-32 |
| GFY-1007A | 1 | Coil Assy. , Field Left |
| GFY-53A | 1 | Lead Assembly |
| X-1425 | 1 | Terminal |
| GGJ-27 | 1 | Stud, Arm. Term. , 1/4-28 |
| GFY-1008A | 1 | Coil, Field, Right |
| GGA-52 | 1 | Insulation, Term. Stud, Inner |
| MN-21 | 2 | Pin, Dowel |
| 12X-196 | 2 | Lockwasher, Field Term. , #10 |
| 12X-199 | 2 | Lockwasher, Arm. Term. , 1/4 |
| 8X-349 | 1 | Washer, Field Term. , Plain #10 |
| 8X-361 | 1 | Washer, Arm. Term. , Plain #10 |
| 8X-1063 | 2 | Nut, Arm. Term. , Hex. 1/4-28 |
| 8X-1377 | 2 | Nut, Field Term. , Hex. #10-32 |
| * | 2 | Nut, Brkt. Sc. , Hex. 7/16-14 |
| 12X-196 | 1 | Lockwasher, Ground Sc. , #10 |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 |
| * | 2 | Lockwasher, Bracket Sc. , 7/16 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 |
| * | 1 | Screw, Mtg. Brkt. , Hex. Hd. 7/16-14x1 3/8 |

Comm. End Head Assembly & Parts Used With

| | | |
|-----------|---|-------------------------------|
| DA-22 | 1 | Washer, Bearing Retaining |
| DA-60 | 1 | Screw, Bearing Retaining |
| DB-17 | 1 | Washer, Plain, Felt Retaining |
| DD-24C | 1 | Cover, Comm. End |
| DD-44 | 1 | Gasket, C. E. Cover |
| GBY-28 | 1 | Washer, Felt |
| GCD-2012S | 1 | BRUSH SET, SERVICE |

Comm. End Head Assembly (Cont.)

| Part No. | No. Used | Name of Part |
|-----------|----------|---------------------------------------|
| GGJ-2021S | 1 | Head Assy. , Comm. End |
| GBY-25 | 2 | Spring, Brush |
| GCE-54 | 2 | Arm, Brush |
| 8X-119 | 3 | Screw, Cover, Fill. Hd. #10-32x1/2 |
| 12X-195 | 2 | Lockwasher, Lead Sc. , #8 |
| 12X-196 | 3 | Lockwasher, Cover Screw, #10 |
| 12X-199 | 1 | Lockwasher, Brg. Retaining Sc. , 1/4 |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| X-489 | 1 | Oiler |
| X-867 | 1 | BEARING, BALL, SHIELDED S. A. E. #303 |

Armature Assembly & Parts Used With

| | | |
|-----------|---|--------------------------|
| GBM-21B | 1 | Nut, Arm. Shaft, D. E. |
| GGA-70 | 1 | Spacer, Armature Shaft |
| GGJ-2093F | 1 | ARMATURE |
| * | 1 | Pulley, Drive |
| X-263 | 1 | Key, Woodruff #8 |
| 12X-864 | 1 | Lockwasher, Shaft, D. E. |

Drive End Head Assembly & Parts Used With

| | | |
|----------|---|-------------------------------------|
| GGA-1068 | 1 | Head Assy. , Drive End |
| GGA-68 | 1 | Head, Drive End |
| GGF-9 | 2 | Washer, Felt |
| GGF-10 | 1 | Retainer, Felt Washer, Outer |
| GGF-11 | 1 | Gasket |
| GGF-12 | 1 | Retainer, Felt Washer, Inner |
| GGF-13 | 1 | Retainer, Bearing |
| 12X-196 | 3 | Lockwasher, Retainer Sc. , #10 |
| X-298 | 1 | BEARING, BALL, S. A. E. #204 |
| 8X-311 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 |
| X-489 | 1 | Oiler |

Miscellaneous Parts

| | | |
|--------|---|---|
| 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 |

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

NOTE: VBA-4205A CURRENT-VOLTAGE REGULATOR is used with, but is not a part of these generators.

(Continued on Reverse Side)

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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

GGJ-4803A, B, C GENERATOR PARTS LIST (Cont.)

| Assembly No. | Pulley | Bracket | Nut | Washer | Screw |
|--------------|--------|---------|--------|---------|---------|
| GGJ-4803A | SP-876 | None | None | None | None |
| GGJ-4803B | SP-871 | GGA-59 | 8X-149 | 12X-205 | 8X-2960 |
| GGJ-4803C | SP-871 | None | None | None | None |

| UNIT | APPLICATION |
|--------------|-------------|
| GGJ-4803A | White |
| GGJ-4803B, C | Diamond T. |

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

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGJ-4804A,B GENERATOR PARTS LIST

GGJ-4804A, B

| Frame and Field Assembly & Parts Used With | | | | | Comm. End Head Assembly Con't. | | | | | | | | | |
|--|------|-------------------------------------|---|---|--------------------------------|--|---|--|---|---|---|---|---|--|
| Part No. | No. | Name of Part | | | | Part No. | No. | Name of Part | | | | | | |
| | Used | 1 | 2 | 3 | 4 | 5 | | Used | 1 | 2 | 3 | 4 | 5 | |
| GGA-20 | 2 | Bolt, Thru | | | | 12X-195 | 2 | Lockwasher, Brush Lead Sc.,#8 | | | | | | |
| (GGJ-2033) | 1 | Frame & Field Assy. | | | | 12X-196 | 3 | Lockwasher, Cover Screw, #10 | | | | | | |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | | | | 12X-199 | 1 | Lockwasher, Brg. Retaining Sc., 1/4 | | | | | | |
| GAU-45 | 1 | Insulation, Field Connection | | | | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd., #8-32x1/4 | | | | | | |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | | | | X-489 | 1 | Oiler, Hinge Top, Press in, 1/4 | | | | | | |
| GBY-38A | 4 | Screw, Pole Shoe | | | | X-867 | 1 | BEARING, BALL, SHIELDED, S.A.E. #303 | | | | | | |
| GDD-27 | 1 | Bushing, Ins., Field Term. | | | | GBM-21B | 1 | Nut, Shaft, Hex., .669-20 | | | | | | |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. | | | | GGA-70 | 1 | Spacer, Armature Shaft | | | | | | |
| GFY-1005 | 1 | COIL ASSY., FIELD, COMPLETE | | | | GGJ-2101F | 1 | ARMATURE | | | | | | |
| GEB-58 | 1 | Stud, Field Term.,#10-32 | | | | * | 1 | Pulley, Drive | | | | | | |
| GFY-1007A | 1 | Coil Assy., Field, Left | | | | X-263 | 1 | Key, Woodruff, #8 | | | | | | |
| GEB-27 | 1 | Stud, Arm. Term., #14-24 | | | | 12X-864 | 1 | Lockwasher, Arm. Shaft | | | | | | |
| GFY-53A | 1 | Lead Assy. | | | | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | | | |
| X-1425 | 1 | Terminal | | | | GGA-1068 | 1 | Head Assy., Drive End | | | | | | |
| GFY-1008A | 1 | Coil Field, Right | | | | GAR-178 | 1 | Retainer, Bearing | | | | | | |
| GGA-52 | 1 | Insulation, Term. Stud, Inner | | | | GAR-179 | 1 | Retainer, Felt Washer | | | | | | |
| MN-21 | 2 | Pin, Dowel | | | | GGA-68 | 1 | Head | | | | | | |
| 8X-177 | 2 | Nut, Arm. Term., Hex.,#14-24 | | | | GGA-69 | 1 | Retainer, Felt Washer | | | | | | |
| 12X-193 | 2 | Lockwasher, Arm. Term., #14 | | | | GJ-147 | 2 | Washer, Felt | | | | | | |
| 12X-196 | 2 | Lockwasher, Field Term.,#10 | | | | 12X-196 | 3 | Lockwasher, Retainer Screw #10 | | | | | | |
| 8X-349 | 1 | Washer, Plain, Field Term., #10 | | | | X-298 | 1 | BEARING, BALL, S.A.E.#204 | | | | | | |
| 8X-361 | 1 | Washer, Plain, Arm. Term., #14 | | | | 8X-311 | 3 | Screw, Retainer, Rd. Hd., #10-32x3/8 | | | | | | |
| 8X-1377 | 2 | Nut, Field Term., Hex., #10-32 | | | | X-489 | 1 | Oiler, Press in Type, 1/4 | | | | | | |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | | | | <u>Miscellaneous Parts</u> | | | | | | | | |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | | | | GCD-24 | 1 | Band, Cover | | | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd., #10-32x5/16 | | | | 8X-714 | 1 | Screw, Cover Band, Rd. Hd., #10-32x1 1/2 | | | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | | | 8X-794 | 1 | Nut, Cover Band, Square, #10-32 1 2 3 4 5 | | | | | | | |
| DA-22 | 1 | Washer, Bearing Retaining | | | | † BRUSH SET, SERVICE GGJ-2012S | | | | | | | | |
| DA-60 | 1 | Screw, Bearing Retaining | | | | NOTE: CURRENT VOLTAGE REGULATOR is used with but not a part of this Generator. | | | | | | | | |
| DB-17 | 1 | Washer, Plain, Felt Retaining | | | | * See table following parts list for part number applying to assembly wanted. | | | | | | | | |
| DD-24C | 1 | Cover, Comm. End | | | | | | | | | | | | |
| DD-44 | 1 | Gasket, C.E. Cover | | | | | | | | | | | | |
| GBY-28 | 1 | Washer, Felt | | | | | | | | | | | | |
| GGJ-2021 | 1 | Head, Assy., Comm. End | | | | | | | | | | | | |
| GBY-25 | 2 | Spring, Brush | | | | | | | | | | | | |
| GBY-34 | 2 | Arm, Brush | | | | | | | | | | | | |
| GGJ-1012† | 2 | Brush | | | | | | | | | | | | |
| 8X-119 | 3 | Screw, Cover, Fil., Hd., #10-32x1/2 | | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | | | | | | |

| | | |
|--------------|---------------|-----------|
| Assembly No. | Pulley, Drive | Regulator |
| GGJ-4804A | SP-875 | VAV-4401A |
| GGJ-4804B | SP-882 | VAV-4002B |

| UNIT | APPLICATION |
|-----------|-------------|
| GGJ-4804A | Packard |
| GGJ-4804B | Studebaker |

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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

GGJ-6001A, B, C, D, E, F, G, H, J, K, L, S, S-1 GENERATOR PARTS LIST

GGJ-6001A, B, C, D, E, F, G, H, J, K, L, S, S-1
(Issued 10-15-54)

| 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 |
| GGA-20 | 2 | Bolt, Thru | GCE-54 | 2 | Arm, Brush |
| GGA-75† | 1 | Bracket, Generator, Mtg. | 8X-119 | 3 | Screw, Cover, Fill. Hd. #10-32x1/2 |
| GGJ-2033 | 1 | Frame & Field Assembly | 12X-195 | 2 | Lockwasher, Lead Screw, #8 |
| GAA-32 | 1 | Washer, Ins., Arm. Term. | 12X-196 | 3 | Lockwasher, Cover Sc., #10 |
| GBW-34 | 1 | Washer, Ins., Field Term. | 12X-199 | 1 | Lockwasher, Bearing Retaining Screw, 1/4 |
| GBY-38A | 4 | Screw, Pole Shoe | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| GDD-27 | 1 | Bushing, Ins., Field Term. | X-489 | 1 | Oiler |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. | X-867 | 1 | BEARING, BALL, SHIELDED, S. A. E. #303 |
| GFY-1005 | 1 | COIL ASSEMBLY, FIELD, COMPLETE | <u>Armature Assembly & Parts Used With</u> | | |
| GEB-58 | 1 | Stud, Field Term., #10-32 | GBM-21B | 1 | Nut, Arm. Shaft, D. E. |
| GFY-1007A | 1 | Coil Assy., Field, Left | GGA-70 | 1 | Spacer, Arm. Shaft |
| GFY-53A | 1 | Lead Assembly | GGJ-2101AF | 1 | ARMATURE |
| X-1425 | 1 | Terminal | * | 1 | Pulley, Drive |
| GGJ-27 | 1 | Stud, Arm. Term., 1/4-28 | X-263 | 1 | Key, Woodruff, #8 |
| GFY-1008A | 1 | Coil, Field, Right | 12X-864 | 1 | Lockwasher, Shaft, D. E. |
| GGA-52 | 1 | Insulation, Term. Stud, Inner | <u>Drive End Head Assembly & Parts Used With</u> | | |
| MN-21 | 2 | Pin, Dowel | GGA-1068 | 1 | Head Assy., Drive End |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GGA-68 | 1 | Head, Drive End |
| 12X-199 | 2 | Lockwasher, Arm. Term., 1/4 | GGF-9 | 2 | Washer, Felt |
| 8X-349 | 1 | Washer, Field Term., Plain #10 | GGF-10 | 1 | Retainer, Felt Washer, Outer |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 | GGF-11 | 1 | Gasket |
| 8X-1063 | 2 | Nut, Arm. Term., Hex. 1/4-28 | GGF-12 | 1 | Retainer, Felt Washer, Inner |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | GGF-13 | 1 | Retainer, Bearing |
| 8X-149† | 2 | Nut, Brkt. Sc., Hex. 7/16-14 | 12X-196 | 3 | Lockwasher, Retainer Screw, #10 |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 | X-298 | 1 | BEARING, BALL, S. A. E. #204 |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | 8X-311 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 |
| 12X-205† | 2 | Lockwasher, Brkt. Sc., 7/16 | X-489 | 1 | Oiler |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | <u>Miscellaneous Parts</u> | | |
| 8X-2960† | 2 | Screw, Bracket, Hex. Hd. 7/16-14x1 3/8 | GCD-24 | 1 | Band, Cover |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| DA-22 | 1 | Washer, Bearing Retaining | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| DA-60 | 1 | Screw, Bearing Retaining | † Used only with GGJ-6001C. | | |
| DB-17 | 1 | Washer, Plain, Felt Retaining | (Continued on Reverse Side) | | |
| DD-24C | 1 | Cover, Comm. End | | | |
| DD-44 | 1 | Gasket, C. E. Cover | | | |
| GBY-28 | 1 | Washer, Felt | | | |
| GGJ-2012S | 1 | BRUSH SET, SERVICE | | | |
| GGJ-2021AS | 1 | Head Assy., Comm. End | | | |
| GBY-25 | 2 | Spring, Brush | | | |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGJ-6001A, B, C, D, E, F, G, H, J, K, L, S, S-1 (Continued)

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

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

| Assembly No. | Pulley | Regulator |
|--------------|--------|---|
| GGJ-6001A | SP-903 | VBA-4207A |
| GGJ-6001B | SP-904 | VBA-4207A |
| GGJ-6001C | SP-865 | VBA-4205A |
| GGJ-6001D | SP-939 | VBA-4207A |
| GGJ-6001E | SP-961 | VBA-4207A |
| GGJ-6001F | SP-974 | VBF-6001A |
| GGJ-6001G | SP-975 | VBF-6001A |
| GGJ-6001H | PU-5 | |
| GGJ-6001J | PU-6 | |
| GGJ-6001K | PU-68 | VBA-4207A |
| GGJ-6001L | PU-67 | VBA-4207A |
| GGJ-6001S | None | VBA-4205A (Pos. Grd.)-VBA-4206A (Neg. Grd.) |
| GGJ-6001S-1 | None | |

| UNIT | APPLICATION |
|--------------------|------------------|
| GGJ-6001A, B, F, G | Chrysler Corp |
| GGJ-6001C | Diamond T |
| GGJ-6001D, E | Dodge (Truck) |
| GGJ-6001H, J | Chrysler (8) |
| GGJ-6001K, L | Dodge (8) |
| GGJ-6001S | A-L Service |
| GGJ-6001S-1 | Chrysler Service |

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complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGJ-6002A, B, C, D, E, S, S-1 GENERATOR PARTS LIST

GGJ-6002A, B,
C, D, E, S, S-1
(Issued 10-6-55)

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|-----------|----------|------------------------------------|
| GGA-20 | 2 | Bolt, Thru |
| GGJ-2033 | 1 | Frame & Field Assembly |
| GAA-32 | 1 | Washer, Ins., Arm. Term. |
| GBW-34 | 1 | Washer, Ins., Field Term. |
| GBY-38A | 4 | Screw, Pole Shoe |
| GDD-27 | 1 | Bushing, Ins., Field Term. |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. |
| GFY-1005 | 1 | COIL ASSY., FIELD COMPLETE |
| GEB-58 | 1 | Stud, Field Term., #10-32 |
| GFY-1007A | 1 | Coil Assy., Field, Left |
| GFY-53A | 1 | Lead Assembly |
| X-1425 | 1 | Terminal |
| GGJ-27 | 1 | Stud, Arm. Term., 1/4-28 |
| GFY-1008A | 1 | Coil, Field, Right |
| GGA-52 | 1 | Insulation, Term. Stud, Inner |
| MN-21 | 2 | Pin, Dowel |
| 12X-196 | 2 | Lockwasher, Field Term., #10 |
| 12X-199 | 2 | Lockwasher, Arm. Term., 1/4 |
| 8X-349 | 1 | Washer, Field Term., Plain #10 |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 |
| 8X-1063 | 2 | Nut, Arm. Term., Hex. 1/4-28 |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 |

Comm. End Head Assembly & Parts Used With

| | | |
|-----------|---|-------------------------------|
| DA-22 | 1 | Washer, Bearing Retaining |
| DA-60 | 1 | Screw, Bearing Retaining |
| DB-17 | 1 | Washer, Plain, Felt Retaining |
| DD-24C | 1 | Cover, Comm. End |
| DD-44 | 1 | Gasket, C. E. Cover |
| GBY-28 | 1 | Washer, Felt |
| GGJ-2012S | 1 | BRUSH SET, SERVICE |
| GGJ-2021S | 1 | Head Assembly, Comm. End |
| GBY-25 | 2 | Spring, Brush |
| GCE-54 | 2 | Arm, Brush |

Comm. End Head Assembly & Parts (Cont.)

| Part No. | No. Used | Name of Part |
|----------|----------|--|
| 8X-119 | 3 | Screw, Cover, Fill. Head #10-32x1/2 |
| 12X-195 | 2 | Lockwasher, Lead Screw, #8 |
| 12X-196 | 3 | Lockwasher, Cover Sc., #10 |
| 12X-199 | 1 | Lockwasher, Brg. Retaining Sc., 1/4 |
| 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| X-489 | 1 | Oiler |
| X-867 | 1 | BEARING, BALL, SHIELDED, S. A. E. #303 |

Armature Assembly & Parts Used With

| | | |
|-----------|---|--------------------------|
| GBM-21B | 1 | Nut, Arm. Shaft, D. E. |
| GGA-70 | 1 | Spacer, Arm. Shaft |
| GGJ-2093F | 1 | ARMATURE |
| * | 1 | Pulley, Drive |
| X-263 | 1 | Key, Woodruff, #8 |
| 12X-864 | 1 | Lockwasher, Shaft, D. E. |

Drive End Head Assembly & Parts Used With

| | | |
|----------|---|-------------------------------------|
| GGA-1068 | 1 | Head Assy., Drive End |
| GGA-68 | 1 | Head, D. E. |
| GGF-9 | 2 | Washer, Felt |
| GGF-10 | 1 | Retainer, Felt Washer, Outer |
| GGF-11 | 1 | Gasket |
| GGF-12 | 1 | Retainer, Felt Washer, Inner |
| GGF-13 | 1 | Retainer, Bearing |
| 12X-196 | 3 | Lockwasher, Retainer Screw, #10 |
| X-298 | 1 | BEARING, BALL, S. A. E. #204 |
| 8X-311 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 |
| X-489 | 1 | Oiler |

Miscellaneous Parts

| | | |
|--------|---|---|
| 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 |

NOTE: 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.

(Continued on Reverse Side)

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGJ-6002A, B, C, D, E, S, S-1 GENERATOR PARTS (Cont.)

| Assembly No. | Pulley | Regulator |
|--------------|--------|-----------|
| GGJ-6002A | SP-933 | VBA-4205A |
| GGJ-6002B | SP-938 | VBA-4207A |
| GGJ-6002C | PU-105 | VBA-4207A |
| GGJ-6002D | PU-146 | VBA-4207A |
| GGJ-6002E | PU-149 | VBA-4207A |
| GGJ-6002S | None | VBA-4205A |
| GGJ-6002S-1 | None | VBA-4207A |

| UNIT | APPLICATION |
|-----------------|------------------|
| GGJ-6002A | White |
| GGJ-6002B, C, E | Dodge (Truck) |
| GGJ-6002D | |
| GGJ-6002S | A-L Service |
| GGJ-6002S-1 | Chrysler Service |

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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

GGJ-6003A,S-1 GENERATOR PARTS LIST

GGJ-6003A,S-1
(Issued 1-9-51)

| 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 | | | | | | |
| GGA-20 | 2 | Bolt, Thru | 12X-195 | 2 | Lockwasher, Lead Sc., #8 | | | | | | |
| (GGJ-2033) | 1 | Frame & Field Assy. | 12X-196 | 4 | Lockwasher, Retainer Sc., #10 | | | | | | |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | | | |
| GAU-45 | 1 | Insulation, Field Connection | X-489 | 1 | Oiler | | | | | | |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | X-867 | 1 | BEARING, BALL, SHIELDED, S.A.E. #303 | | | | | | |
| GBY-38A | 4 | Screw, Pole Shoe | 8X-898 | 4 | Screw, Brg. Retainer, Fill. Hd. #10-32x1 | | | | | | |
| GDD-27 | 1 | Bushing, Ins., Field Term. | <u>Armature Assembly & Parts Used With</u> | | | | | | | | |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. | GBM-21B | 1 | Nut, Arm. Shaft, D.E. | | | | | | |
| GFY-1005 | 1 | COIL ASSY., FIELD, COMPLETE | GGA-70 | 1 | Spacer, Arm. Shaft | | | | | | |
| GEB-58 | 1 | Stud, Field Term., #10-32 | GGJ-2103F | 1 | ARMATURE | | | | | | |
| GFY-1007A | 1 | Coil Assy., Field, Left | * | 1 | Pulley, Drive | | | | | | |
| GFY-53A | 1 | Lead Assembly | X-263 | 1 | Key, Woodruff, #8 | | | | | | |
| X-1425 | 1 | Terminal | 12X-864 | 1 | Lockwasher, Shaft, D.E. | | | | | | |
| GGJ-27 | 1 | Stud, Arm. Term., 1/4-28 | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | | | |
| GFY-1008A | 1 | Coil, Field, Right | GGA-1080 | 1 | Head Assy., Drive End | | | | | | |
| GGA-52 | 1 | Insulation, Term. Stud, Inner | GAR-178 | 1 | Retainer, Bearing | | | | | | |
| MN-21 | 2 | Pin, Dowel | GAR-179 | 1 | Retainer, Felt Washer, Inner | | | | | | |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GGA-69 | 1 | Retainer, Felt Washer, Outer | | | | | | |
| 12X-199 | 2 | Lockwasher, Arm. Term., 1/4 | GGA-80 | 1 | Head, Drive End | | | | | | |
| 8X-349 | 1 | Washer, Field Term., Plain #10 | GJ-147 | 2 | Washer, Felt | | | | | | |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 | 12X-196 | 3 | Lockwasher, Retainer Sc., #10 | | | | | | |
| 8X-1063 | 2 | Nut, Arm. Term., Hex. 1/4-28 | X-298 | 1 | BEARING, BALL, S.A.E. #204 | | | | | | |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | 8X-311 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 | | | | | | |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 | X-489 | 1 | Oiler | | | | | | |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | <u>Miscellaneous Parts</u> | | | | | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | GCD-24 | 1 | Band, Cover | | | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | | | |
| GGJ-30 | 1 | Gasket, Brg. Retainer | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | | | |
| GGJ-1034 | 1 | Retainer Assy., Bearing | † BRUSH SET, SERVICE GGJ-2012S. | | | | | | | | |
| GGJ-31 | 1 | Retainer, Felt Washer | * See table following parts list for part number applying to assembly wanted. | | | | | | | | |
| GGJ-32 | 1 | Washer, Felt | NOTE: VBA-4202A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | | | | | | | |
| GGJ-34 | 1 | Retainer, Bearing | <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Assembly No.</td> <td>Pulley</td> </tr> <tr> <td>GGJ-6003A</td> <td>PU-16</td> </tr> <tr> <td>GGJ-6003S-1</td> <td>None</td> </tr> </table> | | | Assembly No. | Pulley | GGJ-6003A | PU-16 | GGJ-6003S-1 | None |
| Assembly No. | Pulley | | | | | | | | | | |
| GGJ-6003A | PU-16 | | | | | | | | | | |
| GGJ-6003S-1 | None | | | | | | | | | | |
| GGJ-2079 | 1 | Head Assy., Comm. End | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">UNIT</td> <td>APPLICATION</td> </tr> <tr> <td>GGJ-6003A</td> <td>Chrysler (8)</td> </tr> <tr> <td>GGJ-6003S-1</td> <td>Service Gen.</td> </tr> </table> | | | UNIT | APPLICATION | GGJ-6003A | Chrysler (8) | GGJ-6003S-1 | Service Gen. |
| UNIT | APPLICATION | | | | | | | | | | |
| GGJ-6003A | Chrysler (8) | | | | | | | | | | |
| GGJ-6003S-1 | Service Gen. | | | | | | | | | | |
| GBY-25 | 2 | Spring, Brush | | | | | | | | | |
| GCE-54 | 2 | Arm, Brush | | | | | | | | | |
| GGJ-1012† | 2 | Brush | | | | | | | | | |

"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

GGJ-6004A, B, C, D, GENERATOR PARTS LIST
E, F, G, H, S-1

GGJ-6004A, B, C,
D, E, F, G, H, S-1
(Issued 8-25-53)

| <u>Frame & Field Assembly & Parts Used With</u> | | | <u>Comm. End Head Assembly (Cont.)</u> | | |
|---|----------|------------------------------------|---|----------|---|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part |
| GGA-20 | 2 | Bolt, Thru | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| GGJ-2033 | 1 | Frame & Field Assembly | X-489 | 1 | Oiler |
| GAA-32 | 1 | Washer, Ins., Arm. Term. | X-867 | 1 | BEARING, BALL SHIELDED, S. A. E. #303 |
| GBW-34 | 1 | Washer, Ins., Field Term. | 8X-898 | 4 | Screw, Bearing Retainer, Fill. Hd. #10-32x1 |
| GBY-38A | 4 | Screw, Pole Shoe | <u>Armature Assembly & Parts Used With</u> | | |
| GDD-27 | 1 | Bushing, Ins., Field Term. | GBM-21B | 1 | Nut, Arm. Shaft, D. E. |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. | GGA-70 | 1 | Spacer, Arm. Shaft |
| GFY-1005 | 1 | COIL ASSY., FIELD COMPLETE | GGJ-2104F | 1 | ARMATURE |
| GEB-58 | 1 | Stud, Field Term., #10-32 | * | 1 | Coupling |
| GFY-1007A | 1 | Coil Assy., Field, Left | * | 1 | Washer, Plain, Coupling Mtg. |
| GFY-53A | 1 | Lead Assembly | * | 1 | Pulley, Drive |
| X-1425 | 1 | Terminal | X-263 | 1 | Key, Woodruff, #8 |
| GGJ-27 | 1 | Stud, Arm. Term., 1/4-28 | 12X-864 | 1 | Lockwasher, Shaft, D. E. |
| GFY-1008A | 1 | Coil, Field, Right | * | 1 | Screw, Coupling Mtg., Rd. Hd. 1/4-20x1/2 |
| GGA-52 | 1 | Insulation, Term. Stud, Inner | <u>Drive End Head Assembly & Parts Used With</u> | | |
| MN-21 | 2 | Pin, Dowel | GGA-1080 | 1 | Head Assembly, Drive End |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GGA-80 | 1 | Head, Drive End |
| 12X-199 | 2 | Lockwasher, Arm. Term., 1/4 | GGF-9 | 2 | Washer, Felt |
| 8X-349 | 1 | Washer, Field Term., Plain #10 | GGF-10 | 1 | Retainer, Felt Washer, Outer |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 | GGF-11 | 1 | Gasket |
| 8X-1063 | 2 | Nut, Arm. Term., Hex. 1/4-28 | GGF-12 | 1 | Retainer, Felt Washer, Inner |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | GGF-13 | 1 | Retainer, Bearing |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | 12X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | X-298 | 1 | BEARING, BALL, S. A. E. #204 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | 8X-311 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | X-489 | 1 | Oiler |
| GGJ-30 | 1 | Gasket, Brg. Retainer | <u>Miscellaneous Parts</u> | | |
| GGJ-1034 | 1 | Retainer Assy., Bearing | GCD-24 | 1 | Band, Cover |
| GGJ-31 | 1 | Retainer, Felt Washer | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| GGJ-32 | 1 | Washer, Felt | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| GGJ-34 | 1 | Retainer, Bearing | NOTE: VBF-6001A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | |
| GGJ-2012S | 1 | BRUSH SET, SERVICE | (Continued on Reverse Side) | | |
| GGJ-2079S | 1 | Head Assy., Comm. End | | | |
| GBY-25 | 2 | Spring, Brush | | | |
| GCE-54 | 2 | Arm, Brush | | | |
| 12X-195 | 2 | Lockwasher, Lead Screw, #8 | | | |
| 12X-196 | 4 | Lockwasher, Retainer Screw, #10 | | | |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGJ-6004A, B, C, GENERATOR PARTS (Cont.)
D, E, F, G, H, S1

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

| Assembly No. | Coupling | Washer | Pulley | Screw |
|--------------|----------|--------|--------|--------|
| GGJ-6004A | GGW-34 | GGW-71 | PU-16 | X-3187 |
| GGJ-6004B | GGW-34 | GGW-71 | PU-65 | X-3187 |
| GGJ-6004C | GGW-34 | GGW-71 | PU-68 | X-3187 |
| GGJ-6004D | GGW-34 | GGW-71 | PU-67 | X-3187 |
| GGJ-6004E | None | None | SP-974 | None |
| GGJ-6004F | None | None | SP-975 | None |
| GGJ-6004G | None | None | PU-5 | None |
| GGJ-6004H | GGW-34 | GGW-71 | SP-961 | X-3187 |
| GGJ-6004-S1 | None | None | None | None |

| UNIT | APPLICATION |
|--------------------------|-------------------------|
| GGJ-6004A | Chrysler (6&8) |
| GGJ-6004B | Chrysler (8) |
| GGJ-6004C, D, E, F, G | Chrys. (8). De Soto (8) |
| GGJ-6004H | Dodge (Truck) |
| GGJ-6004-S1 | Service Generator |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGJ-6005A, B, C, D, S1 GENERATOR PARTS LIST

GGJ-6005A, B, C, D, S1
(Issued 10-15-54)

| 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 |
| GGA-20 | 2 | Bolt, Thru | 12X-195 | 2 | Lockwasher, Lead Sc., #8 |
| GGJ-2033 | 1 | Frame & Field Assembly | 12X-196 | 3 | Lockwasher, Cover Sc., #10 |
| GAA-32 | 1 | Washer, Ins., Arm. Term. | 12X-199 | 1 | Lockwasher, Brg. Retaining Screw, 1/4 |
| GBW-34 | 1 | Washer, Ins., Field Term. | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| GBY-38A | 4 | Screw, Pole Shoe | X-489 | 1 | Oiler |
| GDD-27 | 1 | Bushing, Ins., Field Term. | X-867 | 1 | BEARING, BALL, SHIELDED, S. A. E. #303 |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. | <u>Armature Assembly & Parts Used With</u> | | |
| GFY-1005 | 1 | COIL ASSEMBLY, FIELD, COMPLETE | GBM-21B | 1 | Nut, Arm. Shaft, D. E. |
| GEB-58 | 1 | Stud, Field Term., #10-32 | GGA-70 | 1 | Spacer, Arm. Shaft |
| GFY-1007A | 1 | Coil Assy., Field Left | GGJ-2101AF | 1 | ARMATURE |
| GFY-53A | 1 | Lead Assembly | * | 1 | Pulley, Drive |
| X-1425 | 1 | Terminal | X-263 | 1 | Key, Woodruff, #8 |
| GGJ-27 | 1 | Stud, Arm. Term., 1/4-28 | 12X-864 | 1 | Lockwasher, Shaft, D. E. |
| GFY-1008A | 1 | Coil, Field, Right | <u>Drive End Head Assembly & Parts Used With</u> | | |
| GGA-52 | 1 | Insulation, Term. Stud, Inner | GGA-1084 | 1 | Head Assembly, Drive End |
| MN-21 | 2 | Pin, Dowel | GGA-84 | 1 | Head, Drive End |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GGF-9 | 2 | Washer, Felt |
| 12X-199 | 2 | Lockwasher, Arm. Term., 1/4 | GGF-10 | 1 | Retainer, Felt Washer, Outer |
| 8X-349 | 1 | Washer, Plain, Field Term. #10 | GGF-11 | 1 | Gasket |
| 8X-361 | 1 | Washer, Plain, Arm. Term. 1/4 | GGF-12 | 1 | Retainer, Felt Washer, Inner |
| 8X-1063 | 2 | Nut, Arm. Term., Hex. 1/4-28 | GGF-13 | 1 | Retainer, Bearing |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | 12X-196 | 3 | Lockwasher, Retainer Screw, #10 |
| 12X-196 | 1 | Lockwasher, Grd. Screw #10 | X-298 | 1 | BEARING, BALL, S. A. E. #204 |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 5/8 | 8X-311 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | X-489 | 1 | Oiler |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | <u>Miscellaneous Parts</u> | | |
| DA-22 | 1 | Washer, Bearing Retaining | GCD-24 | 1 | Band, Cover |
| DA-60 | 1 | Screw, Bearing Retaining | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| DB-17 | 1 | Washer, Plain, Felt Retaining | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| DD-24C | 1 | Cover, Comm. End | * See table following parts list for part number applying to assembly wanted. | | |
| DD-44 | 1 | Gasket, C. E. Cover | NOTE: VBF-6001A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | |
| GBY-28 | 1 | Washer, Felt | (Continued on Reverse Side) | | |
| GGJ-2012S | 1 | BRUSH SET, SERVICE | | | |
| GGJ-2021AS | 1 | Head Assembly, Comm. End | | | |
| GBY-25 | 2 | Spring, Brush | | | |
| GCE-54 | 2 | Arm, Brush | | | |
| 8X-119 | 3 | Screw, Cover, Fill. Hd. #10-32x1/2 | | | |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGJ-6005A, B, C, D, S1 GENERATOR PARTS LIST (Continued)

| Assembly No. | Pulley |
|--------------|--------|
| GGJ-6005A | SP-974 |
| GGJ-6005B | PU-5 |
| GGJ-6005C | PU-104 |
| GGJ-6005D | PU-6 |
| GGJ-6005-S1 | None |

| UNIT | APPLICATION |
|-----------------|-------------------|
| GGJ-6005A, B, D | Dodge (8) |
| GGJ-6005C | Dodge (Truck) |
| GGJ-6005-S1 | Service Generator |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGJ- 6008A, B, C, S1 GENERATOR PARTS LIST

GGJ- 6008A, B, C, S1
(Issued 6- 22- 56)

| <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 |
| GGA- 20 | 2 | Bolt, Thru | GBM- 21B | 1 | Nut, Arm. Shaft, D. E. |
| GGJ- 2033 | 1 | Frame & Field Assembly | GGA- 70 | 1 | Spacer, Arm. Shaft |
| GAA- 32 | 1 | Washer, Ins. , Arm. Term. | GGJ- 2107F | 1 | ARMATURE ASSEMBLY |
| GBW- 34 | 1 | Washer, Ins. , Field Term. | GAR- 171 | 1 | Snap Ring |
| GBY- 38A | 4 | Screw, Pole Shoe | GR- 32 | 1 | Retainer, Felt Washer |
| GDD- 27 | 1 | Bushing, Ins. , Field Term. | * | 1 | Pulley, Drive |
| GDD- 28 | 1 | Bushing, Ins. , Arm. Term. | X- 263 | 1 | Key, Woodruff, 8 |
| GFY- 1005 | 1 | COIL ASSEMBLY, FIELD, COMPLETE | 12X- 864 | 1 | Lockwasher, Shaft, D. E. |
| GEB- 58 | 1 | Stud, Field Term. , 10- 32 | <u>Drive End Head Assembly & Parts Used With</u> | | |
| GFY- 1007A | 1 | Coil Assy. , Field, Left | GGA- 1080 | 1 | Head Assy. , Drive End |
| GFY- 53A | 1 | Lead Assembly | GGA- 80 | 1 | Head, Drive End |
| X- 1425 | 1 | Terminal | GGF- 9 | 2 | Washer, Felt |
| GGJ- 27 | 1 | Stud, Arm. Term. , 1/4- 28 | GGF- 10 | 1 | Retainer, Felt Washer, Outer |
| GFY- 1008A | 1 | Coil, Field, Right | GGF- 11 | 1 | Gasket |
| GGA- 52 | 1 | Insulation, Term. Stud, Inner | GGF- 12 | 1 | Retainer, Felt, Washer, Inner |
| MN- 21 | 2 | Pin, Dowel | GGF- 13 | 1 | Retainer, Bearing |
| 12X- 196 | 2 | Lockwasher, Field Term. , 10 | 12X- 196 | 3 | Lockwasher, Retainer Sc. , 10 |
| 12X- 199 | 2 | Lockwasher, Arm. Term. , 1/4 | X- 298 | 1 | BEARING, BALL, S. A. E. 204 |
| 8X- 349 | 1 | Washer, Plain, Field Term. , 10 | 8X- 311 | 3 | Screw, Retainer, Rd. Hd. 10- 32x3/8 |
| 8X- 361 | 1 | Washer, Plain, Arm. Term. , 1/4 | X- 489 | 1 | Oiler |
| 8X- 1063 | 2 | Nut, Arm. Term. , Hex. 1/4- 28 | <u>Miscellaneous Parts</u> | | |
| 8X- 1377 | 2 | Nut, Field Term. , Hex. 10- 32 | GCD- 24 | 1 | Band, Cover |
| 12X- 196 | 1 | Lockwasher, Grd. Screw, 10 | 8X- 714 | 1 | Screw, Cover Band, Rd. Hd. 10- 32x1 1/2 |
| 12X- 201 | 2 | Lockwasher, Thru Bolt, 3/8 | 8X- 794 | 1 | Nut, Cover Band, Square 10- 32 |
| 8X- 321 | 1 | Screw, Ground, Rd. Hd. 10- 32x5/16 | NOTE: * CURRENT- VOLTAGE REGULATOR is used with but is not a part of this generator. | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | * See table following parts list for part number applying to assembly wanted. | | |
| DA- 39 | 1 | Washer, Plain, Felt Retaining | Assembly No. | Pulley | Regulator |
| DA- 132 | 1 | Washer, Felt | GGJ- 6008A | PU- 67 | VBF- 6001A |
| GGJ- 2012S | 1 | BRUSH SET, SERVICE | GGJ- 6008B | SP- 974 | VBF- 6001A |
| GGJ- 2102S | 1 | Head Assy. , Comm. End | GGJ- 6008C | SP- 903 | VBA- 4205A |
| GBY- 25 | 2 | Spring, Brush | GGJ- 6008- S1 | None | VBF- 6001A |
| GCE- 54 | 2 | Arm, Brush | | | |
| GGW- 93 | 1 | Retainer, Outer | | | |
| 12X- 195 | 2 | Lockwasher, Lead Screw, 8 | | | |
| X- 295 | 1 | BEARING, BALL, S. A. E. 203 | | | |
| 8X- 305 | 2 | Screw, Brush Lead, Rd. Hd. 8- 32x1/4 | | | |
| X- 489 | 1 | Oiler | | | |

| UNIT | APPLICATION |
|---------------|----------------|
| GGJ- 6008A | Chrysler |
| GGJ- 6008B | DeSoto |
| GGJ- 6008C | Checker Cab |
| GGJ- 6008- S1 | Chrys. Service |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGJ-6101A, C, D, E, F, S GENERATOR PARTS LIST

GGJ-6101A, C, D,
E, F, S
(Issued 2-4-55)

| 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 |
| GGA-20 | 2 | Bolt, Thru | GGJ-2021S | 1 | Head Assy., Comm. End |
| GGA-75‡ | 1 | Bracket, Generator Mtg. | GBY-25 | 2 | Spring, Brush |
| GGJ-2033 | 1 | Frame & Field Assembly | GCE-54 | 2 | Arm, Brush |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | 8X-119 | 3 | Screw, Cover, Fill. Hd. #10-32x1/2 |
| GBW-34 | 1 | Washer, Ins., Field Term., Outer | 12X-195 | 2 | Lockwasher, Lead Screw, #8 |
| GBY-38A | 4 | Screw, Pole Shoe | 12X-196 | 3 | Lockwasher, Cover Screw, #10 |
| GDD-27 | 1 | Bushing, Ins., Field Term. | 12X-199 | 1 | Lockwasher, Bearing Retaining Screw, 1/4 |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 |
| GFY-1005 | 1 | COIL ASSEMBLY, FIELD, COMPLETE | X-489 | 1 | Oiler |
| GEB-58 | 1 | Stud, Field Term., #10-32 | X-867 | 1 | BEARING, BALL, SHIELDED, S. A. E. #303 |
| GFY-1007A | 1 | Coil Assy., Field, Left | <u>Armature Assembly & Parts Used With</u> | | |
| GFY-53A | 1 | Lead Assembly | GBM-21B | 1 | Nut, Arm. Shaft, D. E. |
| X-1425 | 1 | Terminal | GGA-70 | 1 | Spacer, Arm. Shaft |
| GGJ-27 | 1 | Stud, Arm. Term., 1/4-28 | GGJ-2101AF | 1 | ARMATURE |
| GFY-1008A | 1 | Coil, Field, Right | * | 1 | Pulley, Drive |
| GGA-52 | 1 | Insulation, Term. Stud, Inner | X-263 | 1 | Key, Woodruff, #8 |
| MN-21 | 2 | Pin, Dowel | 12X-864 | 1 | Lockwasher, Shaft, D. E. |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | <u>Drive End Head Assembly & Parts Used With</u> | | |
| 12X-199 | 2 | Lockwasher, Arm. Term., 1/4 | GGA-1068 | 1 | Head Assy., Drive End |
| 8X-349 | 1 | Washer, Field Term., Plain #10 | GGA-68 | 1 | Head, Drive End |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 | GGF-9 | 2 | Washer, Felt |
| 8X-1063 | 2 | Nut, Arm. Term., Hex. 1/4-28 | GGF-10 | 1 | Retainer, Felt Washer, Outer |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | GGF-11 | 1 | Gasket |
| 8X-149‡ | 2 | Nut, Brkt. Sc., Hex. 7/16-14 | GGF-12 | 1 | Retainer, Felt Washer, Inner |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | GGF-13 | 1 | Retainer, Bearing |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | 12X-196 | 3 | Lockwasher, Retainer Screw, #10 |
| 12X-205‡ | 2 | Lockwasher, Brkt. Screw 7/16 | X-298 | 1 | BEARING, BALL, S. A. E. #204 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | 8X-311 | 3 | Screw, Retainer, Rd. Hd. #10-32x3/8 |
| 8X-2960‡ | 2 | Screw, Bracket, Hex. Hd. 7/16-14x1 3/8 | X-489 | 1 | Oiler |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | <u>Miscellaneous Parts</u> | | |
| DA-22 | 1 | Washer, Bearing Retaining | GCD-24 | 1 | Band, Cover |
| DA-60 | 1 | Screw, Bearing Retaining | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 |
| DB-17 | 1 | Washer, Plain, Felt Retaining | 8X-794 | 1 | Nut, Cover Band, Square #10-32 |
| DD-24C | 1 | Cover, Comm. End | | | |
| DD-44 | 1 | Gasket, C. E. Cover | | | |
| GBY-28 | 1 | Washer, Felt | | | |
| GCD-2012S | 1 | BRUSH SET, SERVICE | | | |

(Continued on Reverse Side)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGJ-6101A, C, D, E, F, S GENERATOR PARTS LIST (Continued)

‡ Used only with GGJ-6101C.

NOTE: * 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.

| Assembly | Pulley | Regulator |
|-----------|--------|-----------|
| GGJ-6101A | SP-903 | VBA-4205A |
| GGJ-6101C | SP-865 | VBA-4205A |
| GGJ-6101D | PU-70 | VBF-6003A |
| GGJ-6101E | PU-112 | VBF-6003A |
| GGJ-6101F | PU-162 | VBF-6003A |
| GGJ-6101S | None | |

| UNIT | APPLICATION |
|--------------|-----------------|
| GGJ-6101A | Checker Cab |
| GGJ-6101C | Diamond T |
| GGJ-6101D, E | Hudson (Police) |
| GGJ-6101F | Ford (Taxi) |
| GGJ-6101S | Service Gen. |

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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

GGJ-6103A, S GENERATOR PARTS LIST

GGJ-6103A, S
(Issued 6-28-55)

| 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 | | | | | | |
| GGA-20 | 2 | Bolt, Thru | 8X-305 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x1/4 | | | | | | |
| GGJ-2033 | 1 | Frame & Field Assembly | X-489 | 1 | Oiler | | | | | | |
| GAA-32 | 1 | Washer, Ins., Arm. Term. | X-867 | 1 | BEARING, BALL, SHIELDED, S. A. E. #303 | | | | | | |
| GBW-34 | 1 | Washer, Ins., Field Term. | <u>Armature Assembly & Parts Used With</u> | | | | | | | | |
| GBY-38A | 4 | Screw, Pole Shoe | GBM-21B | 1 | Nut, Arm. Shaft, D. E. | | | | | | |
| GDD-27 | 1 | Bushing, Ins., Field Term. | GGA-70 | 1 | Spacer, Armature Shaft | | | | | | |
| GDD-28 | 1 | Bushing, Ins., Arm. Term. | GGJ-2101AF | 1 | ARMATURE | | | | | | |
| GFY-1005 | 1 | COIL ASSEMBLY, FIELD, COMPLETE | * | 1 | Pulley, Drive | | | | | | |
| GEB-58 | 1 | Stud, Field Term., #10-32 | X-263 | 1 | Key, Woodruff, #8 | | | | | | |
| GFY-1007A | 1 | Coil Assy., Field, Left | 12X-864 | 1 | Lockwasher, Shaft, D. E. | | | | | | |
| GFY-53A | 1 | Lead Assembly | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | | | |
| X-1425 | 1 | Terminal | GGA-1081 | 1 | Head Assy., Drive End | | | | | | |
| GGJ-27 | 1 | Stud, Arm. Term., 1/4-28 | GGA-81 | 1 | Head, Drive End | | | | | | |
| GFY-1008A | 1 | Coil, Field, Right | GGF-9 | 2 | Washer, Felt | | | | | | |
| GGA-52 | 1 | Insulation, Term. Stud, Inner | GGF-10 | 1 | Retainer, Felt Washer, Outer | | | | | | |
| MN-21 | 2 | Pin, Dowel | GGF-11 | 1 | Gasket, Brg. Retainer | | | | | | |
| 12X-196 | 2 | Lockwasher, Field Term., #10 | GGF-12 | 1 | Retainer, Felt Washer, Inner | | | | | | |
| 12X-199 | 2 | Lockwasher, Arm. Term., 1/4 | GGF-13 | 1 | Retainer, Bearing | | | | | | |
| 8X-349 | 1 | Washer, Field Term., Plain #10 | 12X-196 | 3 | Lockwasher, Retainer Screw, #10 | | | | | | |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 | X-298 | 1 | BEARING, BALL, S. A. E. #204 | | | | | | |
| 8X-1063 | 2 | Nut, Arm. Term., Hex. 1/4-28 | 8X-311 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x3/8 | | | | | | |
| 8X-1377 | 2 | Nut, Field Term., Hex. #10-32 | X-489 | 1 | Oiler | | | | | | |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 | <u>Miscellaneous Parts</u> | | | | | | | | |
| 12X-201 | 2 | Lockwasher, Thru Bolt, 3/8 | GCD-24 | 1 | Band, Cover | | | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | 8X-794 | 1 | Nut, Cover Band, Square, #10-32 | | | | | | |
| DA-22 | 1 | Washer, Bearing Retaining | NOTE: VBF-6003A CURRENT-VOLTAGE REGULATOR is used with but is not a part of this generator. | | | | | | | | |
| DA-60 | 1 | Screw, Bearing Retaining | * See table following parts list for part number applying to assembly wanted. | | | | | | | | |
| DB-17 | 1 | Washer, Plain, Felt Retaining | Assembly No. | Pulley | | | | | | | |
| DD-24C | 1 | Cover, Comm. End | GGJ-6103A | PU-170 | | | | | | | |
| DD-44 | 1 | Gasket, C. E. Cover | GGJ-6103S | None | | | | | | | |
| GBY-28 | 1 | Washer, Felt | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">UNIT</th> <th style="width: 50%;">APPLICATION</th> </tr> </thead> <tbody> <tr> <td>GGJ-6103A</td> <td>Ford 8, Mercury</td> </tr> <tr> <td>GGJ-6103S</td> <td>Service</td> </tr> </tbody> </table> | | | UNIT | APPLICATION | GGJ-6103A | Ford 8, Mercury | GGJ-6103S | Service |
| UNIT | APPLICATION | | | | | | | | | | |
| GGJ-6103A | Ford 8, Mercury | | | | | | | | | | |
| GGJ-6103S | Service | | | | | | | | | | |
| GCD-2012S | 1 | BRUSH SET, SERVICE | | | | | | | | | |
| GGJ-2082S | 1 | Head Assy., Comm. End | | | | | | | | | |
| GBY-25 | 2 | Spring, Brush | | | | | | | | | |
| GCE-54 | 2 | Arm, Brush | | | | | | | | | |
| 8X-119 | 3 | Screw, Cover, Fill. Hd. #10-32x1/2 | | | | | | | | | |
| 12X-195 | 2 | Lockwasher, Lead Screw, #8 | | | | | | | | | |
| 12X-196 | 3 | Lockwasher, Cover Screw, #10 | | | | | | | | | |
| 12X-199 | 1 | Lockwasher, Brg. Retaining Screw, 1/4 | | | | | | | | | |

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGK-4501 GENERATOR PARTS LIST

GGK-4501

Frame & Field Assembly & Parts Used With

| Part No. | No. Used | Name of Part |
|------------|----------|---|
| DK-23 | 2 | Bolt, Thru |
| (GGK-2001) | 1 | Frame & Field Assy. |
| GAA-30 | 1 | Insulation, Term. Stud, Inner |
| GAA-32 | 1 | Washer, Ins., Term. Stud, Outer |
| GAL-44 | 1 | Insulation, Field Connection |
| GBY-38A | 2 | Screw, Pole Shoe |
| GCT-25 | 1 | Bushing, Ins., Term. Stud |
| GDU-31 | 1 | Lead Assembly |
| GAA-27 | 1 | Stud, Arm. Term. #14-24 |
| X-946 | 1 | Terminal |
| GGK-1005 | 1 | COIL ASSY., FIELD, COMPLETE |
| GGK-1007 | 1 | Coil Assy., Field, Left |
| X-947 | 1 | Terminal |
| GGK-1008 | 1 | Coil Assy., Field, Right |
| X-959 | 1 | Terminal |
| MN-21 | 2 | Pin, Dowel |
| 8X-140 | 1 | Nut, Field Ground, Hex. #6-32 |
| 8X-177 | 2 | Nut, Term. Stud, Hex. #14-24 |
| 12X-193 | 2 | Lockwasher, Term. Stud, #14 |
| 12X-194 | 1 | Lockwasher, Ground Sc., #6 |
| 8X-361 | 1 | Washer, Plain, Term. Stud, 1/4 |
| 8X-1008 | 1 | Screw, Field Ground, Rd. Hd. #6-32x9/16 |
| 12X-196 | 1 | Lockwasher, Ground Screw, #10 |
| 12X-200 | 2 | Lockwasher, Thru Bolt, 5/16 |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 |

Comm. End Head Assembly & Parts Used With

| | | |
|-----------|---|------------------------------------|
| GFG-2033 | 1 | Head Assy., Comm. End |
| GAL-12 † | 2 | Brush, Main |
| GAL-199 | 2 | Block, Brush Screw |
| GAL-205 | 2 | Spring, Retaining, 3rd Brush Plate |
| GAL-242 | 2 | Holder, Brush |
| GCX-19 | 2 | Spring, Brush |
| GCX-2037A | 1 | Plate Assy., 3rd Brush |
| GAL-199 | 1 | Block, Brush Screw |
| GAL-242 | 1 | Holder, Brush |
| GAR-13 † | 1 | Brush, Third |
| GCX-19 | 1 | Spring, Brush |
| GCX-1037 | 1 | Plate, 3rd Brush |
| 8X-59 | 1 | Screw, Rd. Hd. #8-32x3/16 |
| X-1276 | 1 | Washer, Skpf. #8 |
| 8X-1505 | 1 | Screw, Bdg. Hd. #8-32x9/16 |

Comm. End Head Assy. (Continued)

| Part No. | No. Used | Name of Part |
|----------|----------|--|
| GDU-30 | 1 | Lead Assembly |
| X-958 | 2 | Terminal |
| GET-1033 | 1 | Head, Comm. End |
| 8X-59 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x3/16 |
| 8X-63 | 2 | Screw, Brush Plate, Flat Hd. #8-32x3/8 |
| X-195 | 2 | Lockwasher, Ground Lead Sc., #8 |
| 8X-304 | 1 | Screw, Ground Lead, Rd. Hd. #8-32x5/16 |
| X-1276 | 1 | Washer, Br. Lead Sc., Skpf. #8 |
| 8X-1505 | 2 | Screw, Brush, Bdg. Hd. #8-32x9/16 |
| X-1498 | 1 | BEARING, BALL |

Armature Assembly & Parts Used With

| | | |
|----------|---|-------------------------|
| GBM-21B | 1 | Nut, Arm. Shaft, D.E. |
| GCX-23 | 1 | Spacer, Armature Shaft |
| GGK-2006 | 1 | ARMATURE ASSEMBLY |
| GAR-171 | 1 | Snap Ring |
| X-260 | 1 | Key, Woodruff, #5 |
| 12X-864 | 1 | Lockwasher, Shaft, D.E. |

Drive End Head Assembly & Parts Used With

| | | |
|----------|---|--|
| GET-1034 | 1 | Head Assy., Drive End |
| GET-34 | 1 | Head, Drive End |
| GG-6 | 2 | Retainer, Bearing |
| 8X-173 | 3 | Nut, Brg. Retainer, Hex. #10-32 |
| 12X-196 | 3 | Lockwasher, Retainer Sc., #10 |
| 8X-316 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x3/4 |
| X-1499 | 1 | BEARING, BALL, SEALED, S.A.E. #203 |

Miscellaneous Parts

| | | |
|---------|---|---|
| GET-24A | 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 GAL-2012A.

NOTE: - CBK-4001 CUTOFF RELAY is used with but is not a part of this generator.

| UNIT | APPLICATION |
|----------|-------------|
| GGK-4501 | Parris Dunn |

(Issued 6-29-49)

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GGL-4501 GENERATOR PARTS LIST

GGL-4501
(Issued 10-9-50)

| Frame & Field Assembly & Parts Used With | | | Comm. End Head Assy. (Continued) | | | | | | |
|--|-------------|---|--|----------|--|------|-------------|----------|-------------|
| Part No. | No. Used | Name of Part | Part No. | No. Used | Name of Part | | | | |
| DK-23C | 2 | Bolt, Thru | X-1276 | 1 | Washer, Lead Sc., Skpf. #8 | | | | |
| (GGL-2001) | 1 | Frame & Field Assy. | 8X-1505 | 1 | Screw, Brush, Bdg. Hd. #8-32x9/16 | | | | |
| GAA-30 | 1 | Insulation, Arm. Term., Inner | 8X-59 | 2 | Screw, Brush Lead, Rd. Hd. #8-32x3/16 | | | | |
| GAA-32 | 1 | Washer, Ins., Arm. Term., Outer | 8X-63 | 2 | Screw, Plate Retaining, Flat Hd. #8-32x3/8 | | | | |
| GBY-38A | 2 | Screw, Pole Shoe | X-195 | 2 | Lockwasher, Grd. Lead Sc., #8 | | | | |
| GCT-25 | 1 | Bushing, Ins., Arm. Term. | 8X-304 | 1 | Screw, Grd. Lead, Rd. Hd. #8-32x5/16 | | | | |
| GDU-31 | 1 | Lead Assembly | X-1276 | 1 | Washer, Brush Lead Sc., Skpf. #8 | | | | |
| GAA-27 | 1 | Stud, Arm. Term., #14-24 | 8X-1505 | 2 | Screw, Brush, Bdg. Hd. #8-32x9/16 | | | | |
| X-946 | 1 | Terminal | X-1498 | 1 | BEARING, BALL | | | | |
| GGL-1005 | 1 | COIL ASSY., FIELD, COMPLETE | <u>Armature Assembly & Parts Used With</u> | | | | | | |
| GGL-1007 | 1 | Coil Assy., Field, Right | GBM-21B | 1 | Nut, Arm. Shaft, D.E. | | | | |
| X-947 | 1 | Terminal | GCX-23 | 1 | Spacer, Arm. Shaft | | | | |
| GGL-1008 | 1 | Coil Assy., Field, Left | GGL-2006 | 1 | ARMATURE ASSY. | | | | |
| X-959 | 1 | Terminal | GAR-171 | 1 | Snap Ring | | | | |
| MN-21 | 2 | Pin, Dowel | X-260 | 1 | Key, Woodruff, #5 | | | | |
| 8X-140 | 1 | Nut, Ground Sc., Hex. #6-32 | 12X-864 | 1 | Lockwasher, Shaft, D.E. | | | | |
| 8X-177 | 2 | Nut, Arm. Term., Hex. #14-24 | <u>Drive End Head Assembly & Parts Used With</u> | | | | | | |
| 12X-193 | 2 | Lockwasher, Arm. Term., #14 | GET-1034 | 1 | Head Assy., Drive End | | | | |
| 12X-194 | 1 | Lockwasher, Ground Sc., #6 | GET-34 | 1 | Head, Drive End | | | | |
| 8X-361 | 1 | Washer, Arm. Term., Plain 1/4 | GG-6 | 2 | Retainer, Bearing | | | | |
| 8X-1008 | 1 | Screw, Field Ground, Rd. Hd. #6-32x9/16 | 8X-173 | 3 | Nut, Brg. Retainer, Hex. #10-32 | | | | |
| 12X-196 | 1 | Lockwasher, Ground Sc., #10 | 12X-196 | 3 | Lockwasher, Retainer Sc., #10 | | | | |
| 12X-200 | 2 | Lockwasher, Thru Bolt, 5/16 | 8X-316 | 3 | Screw, Brg. Retainer, Rd. Hd. #10-32x3/4 | | | | |
| 8X-321 | 1 | Screw, Ground, Rd. Hd. #10-32x5/16 | X-1499 | 1 | BEARING, BALL, SEALED, S.A.E. #203 | | | | |
| <u>Comm. End Head Assembly & Parts Used With</u> | | | <u>Miscellaneous Parts</u> | | | | | | |
| GET-2033 | 1 | Head Assy., Comm. End | GET-24A | 1 | Band, Cover | | | | |
| GAL-199 | 2 | Block, Brush Screw | 8X-714 | 1 | Screw, Cover Band, Rd. Hd. #10-32x1 1/2 | | | | |
| GAL-205 | 2 | Spring, Retaining, 3rd Brush Plate | 8X-794 | 1 | Nut, Cover Band, Square #10-32 | | | | |
| GAL-242 | 2 | Holder, Brush | † BRUSH SET, SERVICE GED-1012S. | | | | | | |
| GCX-19 | 2 | Spring, Brush | NOTE: CBO-4001 CUTOUT RELAY is used with but is not a part of this generator. | | | | | | |
| GDU-30 | 1 | Lead Assembly | <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">UNIT</td> <td style="padding: 2px;">APPLICATION</td> </tr> <tr> <td style="padding: 2px;">GGL-4501</td> <td style="padding: 2px;">Parris-Dunn</td> </tr> </table> | | | UNIT | APPLICATION | GGL-4501 | Parris-Dunn |
| UNIT | APPLICATION | | | | | | | | |
| GGL-4501 | Parris-Dunn | | | | | | | | |
| X-958 | 2 | Terminal | | | | | | | |
| GED-12† | 2 | Brush, Main | | | | | | | |
| GET-1033 | 1 | Head, Comm. End | | | | | | | |
| GET-2037 | 1 | Plate Assy., Third Brush | | | | | | | |
| GAL-199 | 1 | Block, Brush Screw | | | | | | | |
| GAL-242 | 1 | Holder, Brush | | | | | | | |
| GCX-19 | 1 | Spring, Brush | | | | | | | |
| GCX-1037 | 1 | Plate, 3rd. Brush | | | | | | | |
| GED-13† | 1 | Brush, Third | | | | | | | |
| 8X-59 | 1 | Screw, Brush Lead, Rd. Hd. #8-32x3/16 | | | | | | | |

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