

ALTERNATOR KITS 393800 or 393809

This kit replaces "Fuse Holder" type "Dual Circuit," 4 Amp and 7 Amp alternators which are no longer available or DC only alternators with "Fuse Type" holder.

Parts List, Kit No. 393800

Qty.	Part No.	Description
1	393474	Stator Assembly, Dual Circuit
1	393362	Harness Assembly

1. Remove and discard old stator, rectifier, regulator (if used), bracket and plug (if used).
2. Install new stator assembly using original mounting screws and mounting holes.
3. Connect harness assembly as shown in Fig. 1 for Dual Circuit or Fig. 2 for DC only.

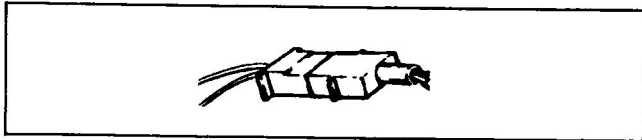


Fig. 1

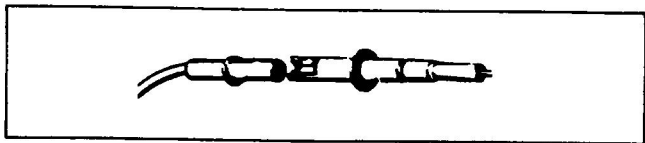


Fig. 2

4. If original stator assembly was like Fig. 3, follow steps 5A and 5B. If original stator was like Figs. 4, 5 or 6, follow steps 6A and 6B. If original stator was like Fig. 7 follow step 7.

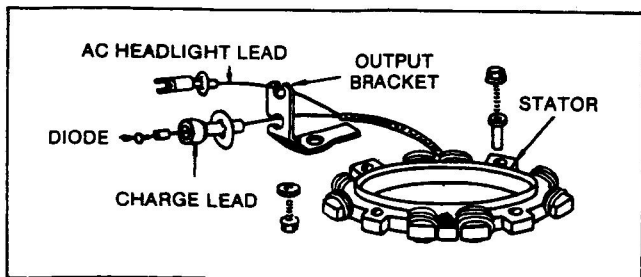


Fig. 3 — "Dual Circuit" with Diode

Parts List, Kit No. 393809

Qty.	Part No.	Description
1	391529	Stator Assembly, D.C. only
1	393422	Harness Assembly

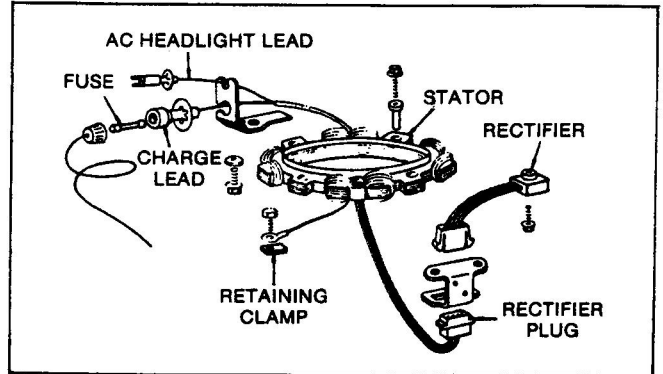


Fig. 4 — "Dual Circuit" with Fuse and Rectifier

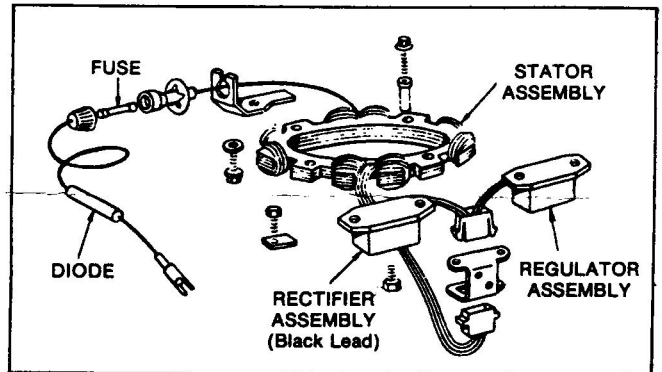


Fig. 5 — 7 Amp Regulated

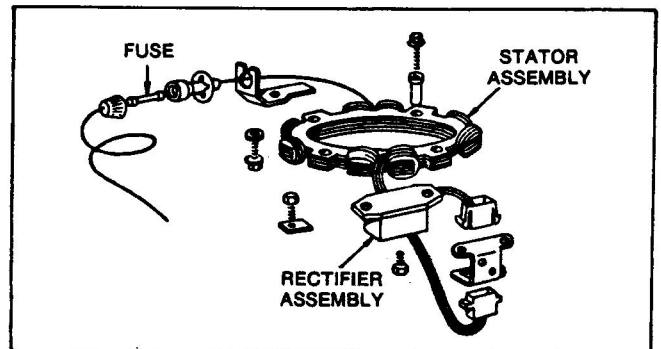


Fig. 6 — 4 Amp Unregulated

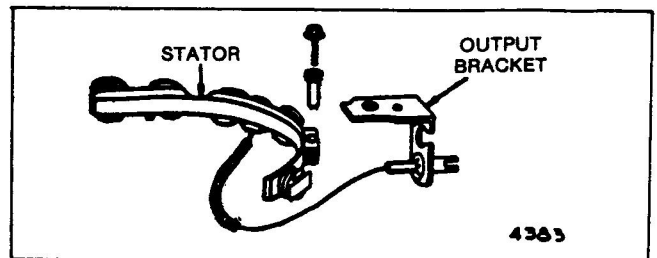


Fig. 7 — DC only

5. To complete wiring:

- a. Cut off and discard DC charging connector from equipment wiring harness. Fig. 8. Strip insulation from cut wire for splice. Cut red lead of 393362 connector assembly to required length and strip insulation for splice. Splice two (2) charging leads together and solder. Tape splice with electrical tape.
- b. Cut off and discard equipment wiring harness AC lead connector. Fig. 8. Make splice to white lead of 393362 connector assembly as done in 5A.

- b. If equipment has lights, the wire between the light switch and the battery must be disconnected at the battery end of the wire. Cut off terminal of wire. Cut off white lead of 393362 connector assembly to length required to connect with light wire. Strip both wires and splice. Solder splice and tape with electrical tape. See Fig. 10 for typical wiring diagram.

7. Cut off equipment wiring harness DC charging connector and discard. Fig. 9. Strip end of wire just cut for splice. Cut off 393422 connector assembly wire to required length. Strip end of wire and splice to first wire. Solder splice and wrap with electrical tape.

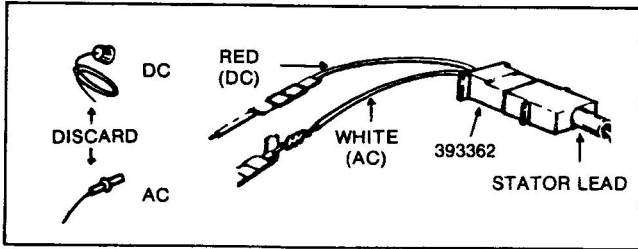


Fig. 8

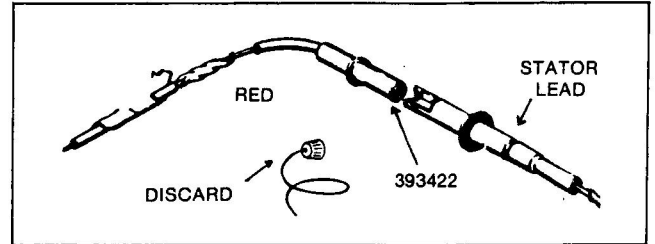


Fig. 9

6. To complete wiring:

- a. Cut off and discard DC charging connector from equipment wiring harness. Fig. 8. Strip insulation from cut wire for splice. Cut red lead of 393362 connector assembly to required length and strip insulation for splice. Splice two (2) charging leads together and solder. Tape splice with electrical tape.

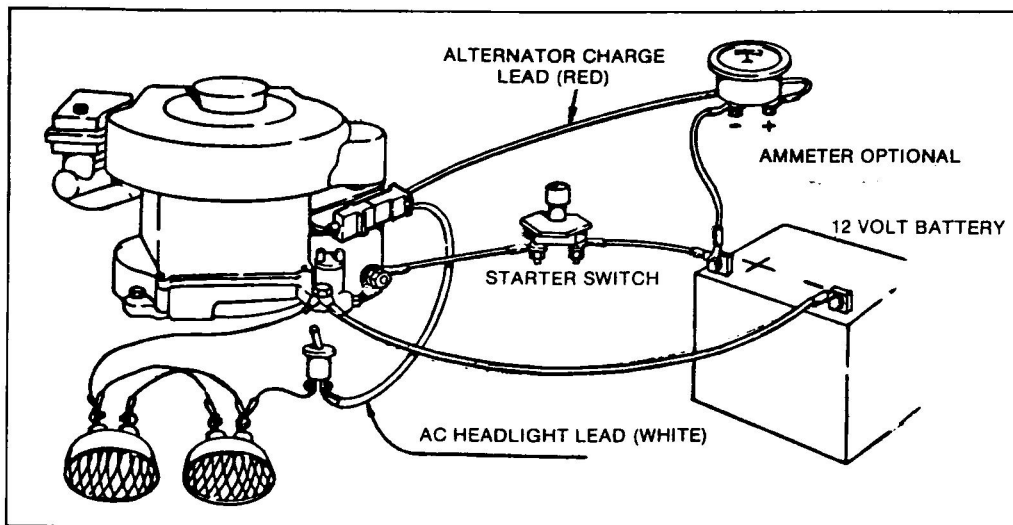


Fig. 10 — Typical Wiring Diagram

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