



INSTALLATION INSTRUCTIONS

COMPU-FIRE 90 AMP CHARGING SYSTEM

(1988-2000 Honda 1500 Goldwing's®)

Part # 58500 & 58100

NOTE: 1988 Applications will require replacement of the shouldered mounting bolts to the newer style bolt without the shoulder and locating dowels. You will need 2 of Honda® P/N 94301-10160 and 3 of P/N 95701-08038-08.

WARNING! The Compu-Fire alternator must be used with a maintenance free battery. **READ THESE INSTRUCTIONS COMPLETELY BEFORE BEGINNING INSTALLATION!**

Compu-Fire is not responsible for damage incurred during or after installation due to improper installation.

Check the contents of the kit:

For 58100

Battery
Fuses x2
Fuse shims x4
Tie Wrap
Foam Strip
M5x12mm Screws x2
Lock washers x2

For 58500

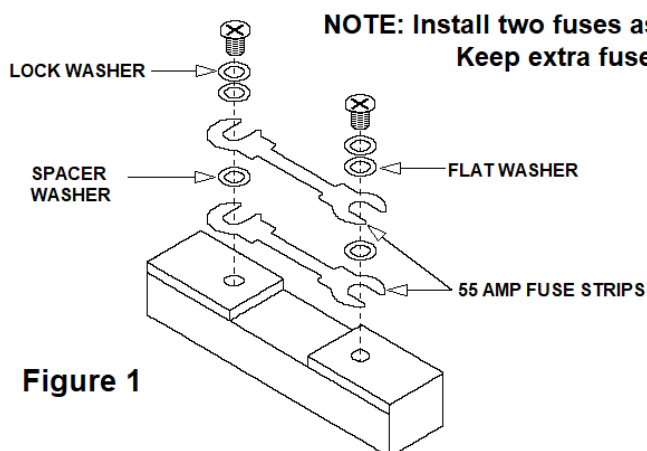
Fuses x2
Fuse shims x4
Tie Rap
Foam Strip
M5x12mm Screws x2
Lock washers x2

REMOVAL:

1. Remove right side cover. Disconnect the cables at the battery. Remove the ground (-) cable first and then the positive (+) cable. **NOTE:** For 58100, remove battery hold down screw and remove battery.
2. Remove two left side access covers for alternator and passenger foot peg. Remove battery wire from alternator. Remove the three alternator mounting bolts and remove alternator. Remove the ignition wire from alternator. Cut the green off about 1" from the capacitor and tuck the wire into the harness sleeve. **The capacitor and noise suppressor will not be required on the new Compu-Fire alternator.**

INSTALLATION:

3. Install the new Compu-Fire alternator using the three original mounting bolts (exc. 1988 models). Before installation, be sure the alternator drive dampers are in a vertical (+) position. Put the back side of the alternator into the cavity first with the rear un-used mounting tab at approximately 6 o'clock. When you have the alternator in the cavity, slowly rotate until the tab is at approximately 5 o'clock. The alternator should not require excessive force to install. Torque each bolt to 22 ft. lbs. Connect the original ignition wire to the harness on the new alternator using the tie wrap supplied to secure the connector. Remove the frame clip for the battery cable and connect the cable to the alternator.
4. Install new fuses per Figure #1. Be sure to locate the spacer washers in the proper location so as not to let the fuses touch the entire length of the fuse. Only the ends should touch the mounting post and the spacer washers. Install yellow/black fuse link label in fuse link cover.
5. For P/N 58100 only. Install the new Compu-Fire battery in reverse order of removal of step 1.
6. Reinstall all side covers and foot peg. Enjoy the ride!

**LIMITED WARRANTY**

PerTronix, LLC. Warrants to the original Purchaser of its solid-state ignition system (product) that the module, trigger rotor and wiring (components) shall be free from defects in material and workmanship for a period of (12) months from the date of purchase.

If within the period of the foregoing warranty PerTronix finds, after inspection, that the product or any component thereof is defective, PerTronix will, at its option, repair such products or component or replace them with identical or similar parts PROVIDED that within such period Purchaser Promptly Notifies PerTronix, in writing, of such defects.

For technical assistance call 909/547-9058

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