

## INSTALLING YOUR 6/12 VOLT "GEROTOR" ELECTRIC FUEL PUMP

( 2/ 03)

This In-Line fuel pump is a pusher type. It should be mounted at the rear of the vehicle no more than 24" above the bottom level of the fuel tank. Be sure mounting location is away from exhaust area, and excessive road splash. (The inside of a frame rail is a good location.) DO NOT mount the pump in the trunk or passenger area.

- 1) Disconnect negative battery cable, at the battery.
- 2) Select mounting location, and mount pump using the bracket and mounting hardware provided. The enclosed mounting bracket hardware requires a ( 1/4 " ) hole. Now place the pump into the mounting bracket making sure the arrow on the pump is pointed to the front of the vehicle.
- 3) Connect pump and filter provided to fuel lines. Make sure the arrow on the filter also points to the front of the vehicle. A 35 micron or greater fuel filter must always be placed between the fuel tank and fuel pump, to prevent damage to fuel pump from dirt and foreign matter. Be sure all clamps are tight, and there are no "kinks" in the fuel lines to restrict fuel flow. ( this pump is a gear driven pump and works just like the oil pump inside of your engine. It must pump only clean fuel.)

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**REPLACEMENT FUEL FILTER NUMBERS.....NAPA - 3012 OR WIX - 33012 OR  
CARTER - 30304A OR ANY OTHER 30 MICRON FILTER.**

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- 4) Wiring your 6/12 volt electric fuel pump is simple. The terminals on the electric pump are marked (+) and (-) . If you system is a negative ground system the (-) terminal should be connected to a good ground using 18 ga wire. The fuel pump bracket mounting bolt will work as a good ground location, just be sure there is a clean metal to metal contact.
- 5) The remaining ( + ) `terminal on the fuel pump is the power wire. It is best to install a (5 amp) fuse inline to the 18 gauge "hot" wire that provides power to the pump. Be sure that the electric fuel pump is " switched " so the power to the pump turns off and on with the ignition switch. (DO NOT use the ignition coil as a power source !! ) The ignition switch in the dash or, any accessory power terminal that turns off and of with the ignition works well.

**NOTE** -- if your system is POSITIVE GROUND simply reverse the wiring connections described above.....the negative terminal will become the power wire, and the positive terminal, the ground.

- 6) Reconnect the battery and turn fuel pump on. Check for leaks and repair as necessary. Again...be sure that all wiring connections are secure and tight. ALWAYS be sure your electric fuel pump turns off with the ignition.

**TECH TIP** -- If your electric fuel pump stops pumping as a result of stale gasoline (varnish) or contaminated fuel, you can flush your electric pump out by spraying WD-40 or similar lubricant into the intake side of the pump while it is running. That should flush out any contaminants.

OUTPUT RATING -- 12V (5.0 psi / 30 gallons / hr) OUTPUT RATING 6V (2.5 psi / 15 gallons / hr)

**Questions Call (785) - 632 - 3450 or e-mail - [fifthave@oz-online.net](mailto:fifthave@oz-online.net) Thank You**