

FUEL PUMP KIT WITH PRESSURE SWITCH, POSITIVE OR NEGATIVE GROUND, 2.5 – 4.5 PSI

**FP06** WITH 6 VOLT FUEL PUMP  
POSITIVE WIRE IS LIGHT GRAY

**FP12** WITH 12 VOLT FUEL PUMP  
POSITIVE WIRE IS BROWN

**VINTAGE**  
== Auto Garage ==

NOTE: Installation of an inline fuel pump requires some specialty tools and supplies. These include thread seal tape, tubing cutter, and flaring kit.

1. **Before you get started, disconnect the battery.** Never skip this step.
2. Install electric fuel pump.
  - a. Choose a fuel pump mounting location. It can be mounted wherever you choose along the fuel supply line. It is our experience however, that mounting close to the fuel tank results in less fuel leaking after you have cut the fuel line.
  - b. Remove a section of fuel line to fit the length of the fuel pump and inline filter.
  - c. Lightly flare the hard fuel line ends so that the fuel hose sections have something to grip.
  - d. Assemble the fuel pump, inline filter, and hose barbs as shown in the photo.
  - e. Mount the fuel pump assembly in the fuel line gap, using the included hose sections to splice into the hard fuel line. Install the hose clamps.
  - f. For negative ground, connect the black fuel pump wire to the chassis using the included 5/16" heat shrink ring terminal. For positive ground, connect the brown wire (or gray for 6V) to chassis. The pump bracket screw is a convenient electrical connection point. NOTE: The image shows a positive ground connection.
3. Install oil pressure switch.
  - a. Locate a plug or oil gallery access on your engine into which you can tee the oil pressure switch. The switch and included street tee are 1/8-27 thread. If you need to adapt a different thread opening, you will need additional fittings.
  - b. Seal all connections with thread seal tape.
  - c. Plug the main wire harness onto the oil pressure switch.
4. Install under-dash On/Off switch and circuit breaker. Do this before running the wires inside.
5. Route wires from oil pressure switch.
  - a. 16-foot brown wire goes to the fuel pump location. For negative ground, splice this wire to the fuel pump brown wire (or gray for 6V) with the heat shrink butt splice. For positive ground, splice to the black wire.
  - b. 8-foot brown wire goes through the firewall to the circuit breaker and then the under-dash switch. Cut off a short piece of brown wire to connect between the switches using the included #10 ring terminals. See diagram on reverse. It is best to use the factory firewall wiring grommet to avoid chafing the wire or drilling extra holes.
  - c. 4-foot red wire goes to the starter motor S or Start terminal using an included #10 ring terminal.
6. Use the short red wire to connect the fuel pump switch to the ignition key switch IGN terminal or another 6 or 12 volt power source. Some want the pump to turn off with the ignition switch, and others want to have un-switched voltage and be able to turn on the pump before the ignition system.
7. Reconnect your battery and test the pump and lines for leaks before driving the vehicle



**WARNING:** Fuel pumps can generally work with the mechanical pumps, however the manufacturer does not recommend running electric fuel pumps with a defective mechanical fuel pump. This can cause fuel to enter the crankcase.

**Always be safe and disconnect your battery when working on your electrical system!!**

