

English

**FACET-PUROLATOR SOLID STATE ELECTRONIC FUEL PUMP
INSTALLATION INSTRUCTIONS**

The Facet-Purolator Solid State Electronic Fuel Pump is designed to replace the original equipment fuel pump on carburetor-equipped cars, trucks, agricultural equipment, marine pleasure craft, and generators. The solid-state design provides greater reliability, longer life, easy installation, freedom from hot weather vapor lock, and faster engine starting in cold weather. When properly installed, your fuel pump will provide a consistent, steady fuel supply to keep your vehicle running smoothly for many years to come even under severe driving conditions.

OPTIONAL ITEMS:

- 2 – 5/16-inch fuel line fittings
- 2 – 1/4-inch Hex self-tap screws
- 2 – 1/4-inch nuts
- 2 – 1/4-inch star washers

REQUIRED ITEMS:

- 1 – In-line fuel filter (74 micron) to be mounted on the pump's inlet port.
- 2 – Pump must be properly fused with a 3- to 5-Amp automotive-type fuse.

SUGGESTED TOOLS: Electric drill & 7/32-inch bit, tube cutter, hose clamp pliers, locking pliers,

7/16-inch wrench & fuel line plugs, hose clamps, wiring connectors, wire, 5/16-inch flex-hose.

PREPARATION

- 1 – Needed: (ABC) fire extinguisher within reach.
- 2 – Disconnect the vehicle battery, relieve fuel line pressure, then disconnect fuel line.
- 3 – Select mounting area where temperature won't exceed 140°F (60°C).
- 4 – Ensure the fuel pump electrical requirements match those of the vehicle electrical system.

OPTIONAL

Install an OIL PRESSURE SAFETY SWITCH during installation of this fuel pump and connect the **Red** power lead to the **P** contact. This stops pump operation if the engine stops and the ignition switch is **ON**. (Fig. 1)

INSTALLATION

NEGATIVE GROUND INSTALLATION

- 1 – Select mounting location: a clean section of the frame away from an area susceptible to road hazard damage, exhaust systems, and must be within (12) vertical inches from the fuel tank (bottom).
- 2 – Position the pump in an upward direction at 45° away from the tank. Mark and drill (2)

7/32-inch holes into the frame aligned to the mounting bracket. (Fig. 2)

- 3 – Place the pump over the holes and start the first 1/4-inch self-tap screw into the frame. Start the second screw capturing the black (neg) lead into the other hole. Tighten both screws.

NOTE: Some installations may require fastening the bracket to threaded studs with 1/4-inch nuts.

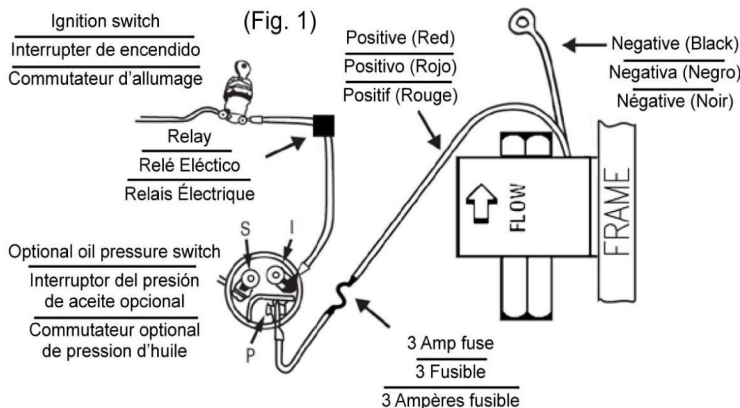
- 4 – Install the fuel filter (74 micron) on the inlet. Reconnect fuel line and clean up spilled fuel.
- 5 – Connect the RED (positive) power lead to the OIL PRESSURE SAFETY SWITCH OR TO A RELAY CONTROLLED BY IGNITION. If this pressure switch is not available, connect to the ignition switch voltage supply terminal.
- 6 – Reconnect the battery terminals.
- 7 – Turn ignition switch to ON, and start engine. Observe the pump is operating by hearing a vibrating sound from it. Ensure there are no leaks in the fuel system.

Solid State Electronic Fuel Pump

POS AND NEG GROUND SYSTEM
NOT FOR AIRCRAFT USE

PARA SER INSTALADA EN SISTEMA DE TIERRA POS Y NEG
NO PARA USO DE AERONAVES

POUR SYSTÈME DE MASSE POS ET NÉG
PAS D'UTILISATION D'AÉRONEF



Note: Torque in-line fuel filter/ fitting to 10-15 ft. lbs.

Nota: ajusta máximo de los acoples: 10-15 ft. lbs.

Note: filtre de carburant en ligne/ raccord de 10-15 ped-livres (1.356-2.034 kJ)

