

English

**FACET-PUROLATOR (CYLINDRICAL) SOLID STATE ELECTRONIC FUEL PUMP
INSTALLATION INSTRUCTIONS**

The Facet-Purolator (Cylindrical) Solid State Electronic Fuel Pump is designed to replace the original equipment fuel pump on carburetor-equipped cars, trucks, 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
- 1 - OIL PRESSURE SAFETY SWITCH.

REQUIRED ITEM: 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 rigid conductive mounting area where temperature won't exceed 140°F (60°C).
- 4 - Ensure the fuel pump's electrical requirements match those of the vehicle electrical system.

STRONGLY RECOMMENDED

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

INSTALLATION

NEGATIVE GROUND SYSTEM ONLY

- 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 (24) vertical inches from the fuel tank (bottom).
- 2 - Recommended: Mount the pump in the vertical direction (outlet port up), mark and drill (2) 7/32-inch holes into the frame aligned with the

mounting bracket, or mount with the outlet above the inlet port.

- 3 - Align the pump bracket over the holes and start the first 1/4-inch self-tapping screw into the frame. Start the second screw through the other hole, and tighten both screws.

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

- 4 - Reconnect fuel line and clean up any spilled fuel.
- 5 - Connect the **BLACK** (positive) power lead to the OIL PRESSURE SAFETY SWITCH. 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.

This Pump meets the Coast Guard Ignition Protection Test Requirements of 33CFR183.410 and the Fire and Thermal Shock Test Requirements of 33CFR183.590.

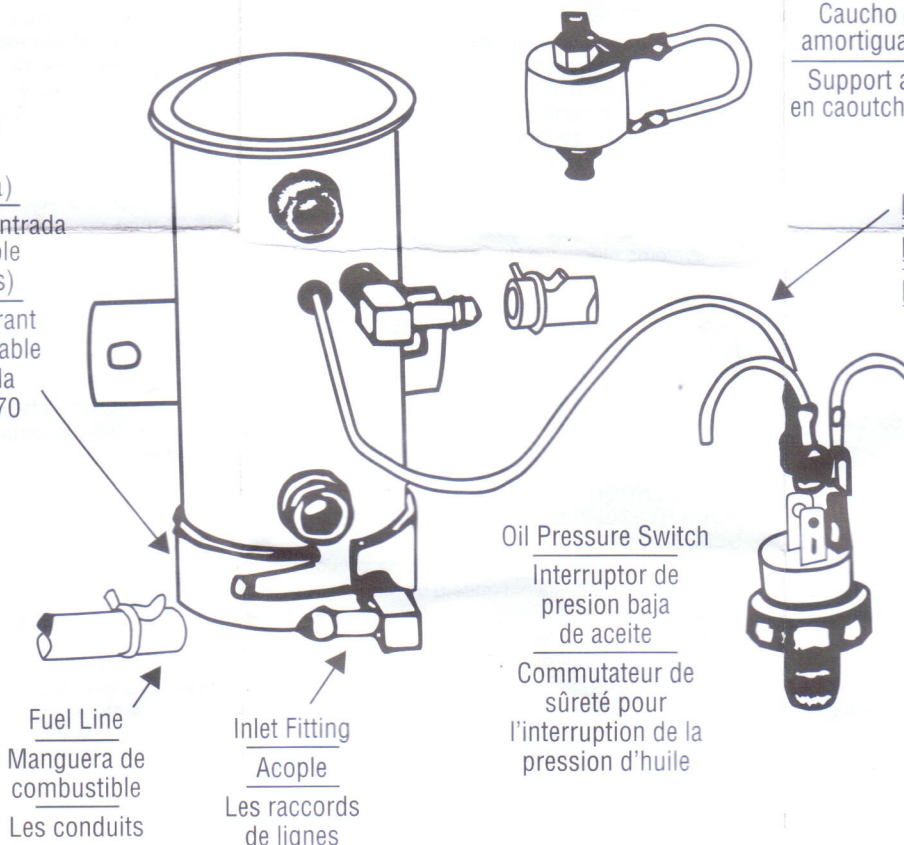
Cylindrical Solid State Electronic Fuel Pump

NEGATIVE GROUND SYSTEM ONLY

SOLO PARA SER INSTALADA EN SISTEMA DE TIERRA NEGATIVA

POUR SYSTÈME DE MASSE NÉGATIVE SEULEMENT

Internal replaceable fuel filter #42370 (74µ)
Filtro interno de entrada de combustible (74 micrones)
Filtre de carburant (74 µ) remplaçable monté dans la pompe #42370



Black lead to **P** - Terminal
Negro al **P** - Terminal
Noir à **P** - Terminal

Note: Torque Fitting to 10-15 ft. lbs.

Nota: Ajuste maximo de los acoples: 10-15 ft. lbs.

Note: Filtre de carburant en ligne/ Raccord de 10-15 pied-livres (1.356-2.034 kJ)