

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, free-dom 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 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.

**OPTIONAL**

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 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 (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 OR 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.

# Cylindrical Solid State Electronic Fuel Pump

NEGATIVE GROUND INSTALLATION  
NOT FOR AIRCRAFT USE

PARA INSTALACIONES CON CONEXIONES EN TIERRA NEGATIVA  
NO PARA USO DE AERONAVES

POUR SYSTÈME DE MASSE NÉGATIVE  
PAS D'UTILISATION D'AÉRONEF

