

RACEPRO

SOLID STATE ELECTRONIC FUEL PUMP INSTALLATION INSTRUCTIONS

The 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:

- 1 - RACEPRO SAFETY SWITCH (RECOMMENDED)

REQUIRED ITEMS:

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

PREPARATION:

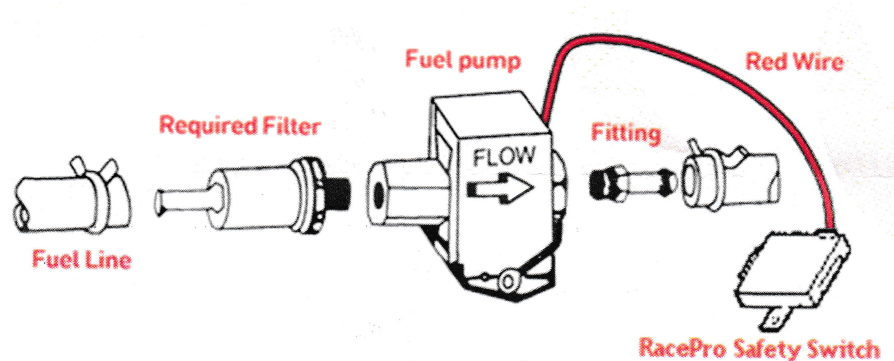
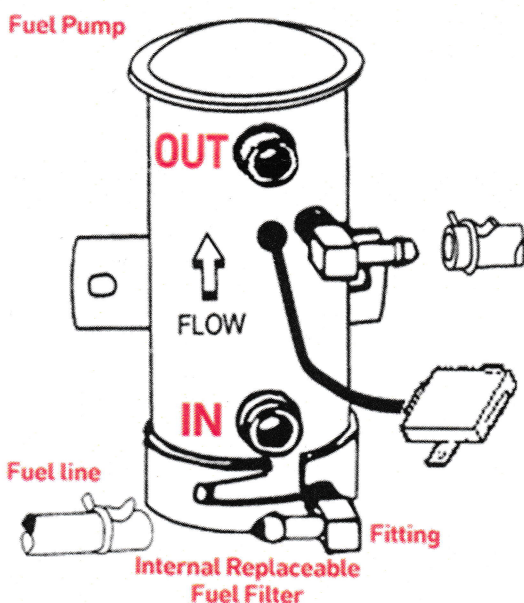
1. Disconnect the vehicle battery, relieve fuel line pressure, then disconnect fuel line.
2. Select mounting area where temperature won't exceed 140°F (60°C).
3. Ensure the fuel pump electrical requirements (12V, 5A) match those of the vehicle electrical system.

STRONGLY RECOMMENDED:

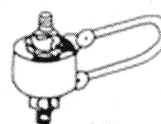
Install an RacePro SAFETY SWITCH during installation of this fuel pump. This stops pump operation if the engine stops and the ignition switch is ON.

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.
2. SQUARED PUMPS: Must be within 12 vertical inches from the fuel tank (bottom). Mount the pump in an upward direction at 45° away from the tank.
CYLINDRICAL PUMPS: Must be within 24 vertical inches from the fuel tank (bottom). Mount the pump in the vertical direction (outlet port up).
3. Mark and drill (2) 7/32-inch holes into the frame aligned to the mounting bracket.
4. Place the pump over the holes and start the first 1/4-inch selftap screw into the frame. Start the second screw into the other hole. For squared pumps do not forget capture the black (neg) lead. Tighten both screws.
NOTE: Some installations may require fastening the bracket to threaded studs with 1/4-inch nuts.
5. SQUARED PUMPS: Install the fuel filter (74 micron) on the inlet.
6. Reconnect fuel line and clean up spilled fuel.
7. SQUARED PUMPS: Connect the RED (positive) power lead to the RACEPRO SAFETY SWITCH.
CYLINDRICAL PUMPS: Connect the BLACK (positive) power lead to the RACEPRO SAFETY SWITCH.
8. If this safety switch is not available, connect to the ignition switch voltage supply terminal.
9. Reconnect the battery terminals.
10. 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.



Rubber Shock Mount
(Optional)



RacePro Safety Switch
(recommended)

