

UNIVERSAL INLINE ELECTRIC FUEL PUMP REMOVAL AND INSTALLATION

REQUIRED TOOLS:

- Tube Cutters
- Drill or Screw Drill
- Appropriate Eye Protection
- Assorted Hand Tools

PRIOR TO REMOVAL

Please read the following instructions before installation.

SAFETY PRECAUTIONS

- Work on a level surface.
- Use safety stands for support, not a jack.
- Keep a Class B fire extinguisher close by.
- Work in a well-ventilated area.
- Do not smoke or allow open flames near vehicle.
- Disable fuel pump before servicing by removing battery cables
- Relieve fuel system pressure before servicing pump.

NOTE: Physical configuration of replacement pump may not be identical to the pump being removed, but replacement pump will function the same as the pump being removed.

In some applications the new pump may not mount in the same location as the pump being removed. This kit may service more than one vehicle, so there may be some parts left over after installation.

This pump will not remedy malfunctions of the filter, regulator, injectors, or other fuel system components.

Diagnose fuel pump using procedures in service manual to confirm pump failure before proceeding with pump replacement.

⚠ CAUTION: THIS FUEL PUMP IS NOT APPROVED FOR AIRCRAFT OR MARINE USE. DO NOT RUN PUMP DRY OR DAMAGE COULD RESULT TO PUMP. DO NOT REUSE FUEL STRAINER.

REMOVAL INSTRUCTIONS

FUEL PUMP REPLACEMENT

Installation of replacement pump may require that some of the mounting or electrical hardware be reused. Do not discard any hardware that might need to be reused on replacement pump.

- Use #14 AWG wire or larger, and a 10 amp fuse.
- An oil pressure switch should be incorporated into the power circuit to shut off the fuel pump in the event of a collision.

1. Disconnect the negative battery cable.
2. Locate the pump along the fuel line away from heat and splash, the closer to the tank the better. Try to use the vehicle frame for mounting if at all possible.
 - a. If the pump is to be mounted vertically, keep the outlet side pointed up.
 - b. Do not pump through a defective mechanical fuel pump; to do so could pump fuel into the crankcase.
 - c. It is also strongly recommended that an inline filter be installed between the pump and the fuel tank.

NOTE: If this pump is to be used to replace a defective intank pump make sure the fuel supply is not hindered or restricted by the defective intank pump or a plugged intank filter if they are going to be left in the tank.

3. Once pump location has been established, use tube cutters to remove a section of metal fuel line.

INSTALLATION INSTRUCTIONS

1. Check self tapping screw size in mounting kit, for a 5/16" screw drill a 17/64" hole, for a 10-32 screw drill an 11/64" hole.
2. Install the required fittings into the pump.
3. Mount pump and bracket to vehicle keeping outlet above horizontal level.
4. With the required length of hose connect the pump inlet and outlet to the fuel line and secure with hose clamps.
5. Connect the pump ground wire (-) to a suitable ground.
6. Connect the pump power wire (+) to a power supply that is controlled by the ignition switch and wired through the oil pressure switch.
7. Reconnect the negative battery cable.
8. Start vehicle and inspect to assure no fuel leaks. If pump does not produce pressure, recheck wiring polarity. An improperly wired pump will run backwards.