

A-9349-6, A-9349-12 Electronic Fuel Pump

PRECAUTIONS:

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

WARNING: Gasoline is extremely flammable, so take extra precautions when you work on any part of the fuel system. Don't smoke or allow open flames or bare light bulbs near the work area, and don't work in a garage where a natural gas appliance is located. Gasoline is also carcinogenic, take the proper precautions and wear latex gloves when spills are possible. If fuel does come into contact with your skin, rinse it off immediately with soap and water. Mop up all fuel spills and do not store any fuel-soaked rags where they could ignite.

B. 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.

C. 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.

DIRT IS THE MAJOR CAUSE OF PUMP FAILURE, KEEP PUMP AND COMPONENT PARTS CLEAN AND FREE OF DIRT.

D. FUEL PUMP REPLACEMENT:

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

1. Verify that the pump has failed.
 - Check all related fuel system components to verify that the fuel pump is the failed component.
2. Relieve vehicle fuel pressure.
 - Consult the vehicle specific repair manual for proper procedure.
3. Disconnect the negative terminal from the battery
4. Empty fuel from gas tank.
 - Drain fuel into approved containers and dispose of per local regulations
5. Remove fuel tank from vehicle (if required)
 - Consult vehicle specific repair manual for proper procedures.
6. Remove old fuel pump
 - Consult vehicle specific repair manual for proper procedures.

7. Clean inside of fuel tank
 - Fuel contamination is the leading cause for fuel pump failure
 - Fuel tank must be clean and a new strainer must be installed with new fuel pump
8. Inspect wiring and hoses on vehicle.
 - Inspect all original equipment wiring and hoses for damage
 - Wiring harness must be replaced if included with fuel pump kit.
 - Replace all worn or deteriorated hoses and fittings.
9. Install new fuel pump / Fuel Pump Module and strainer.
 - Always replace strainer with new parts when replacing fuel pump
10. Re-install fuel tank (if required)
 - Consult vehicle specific repair manual for proper procedures
11. Replace fuel filter
 - Clogged fuel filter will reduce fuel pump life and produce low fuel pressure
12. Fill tank completely with clean fuel
 - Complete Fuel pump / Fuel Pump Module must be Submerged in order for fuel pump / fuel system to prime.
 - Wait a minimum of 5 minutes for Fuel Pump Modules to prime before starting vehicle.
13. Start engine and check for leaks
 - Reconnect battery cable
 - Key may need to be switched on and off several times before proper fuel system pressure is achieved
 - Check for leaks

NOTE: A loss of oil pressure or defective oil pressure switch may cause the fuel pump to be inoperative.

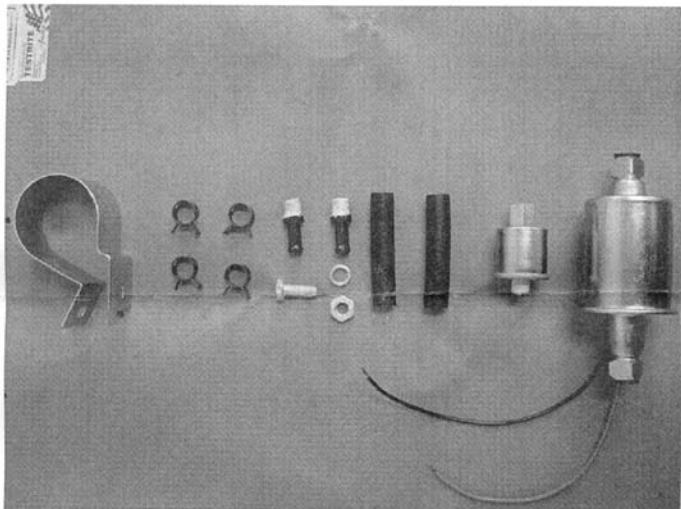


Figure 1. Kit Parts

1. Verify that all parts are included in the kit per Figure 1.

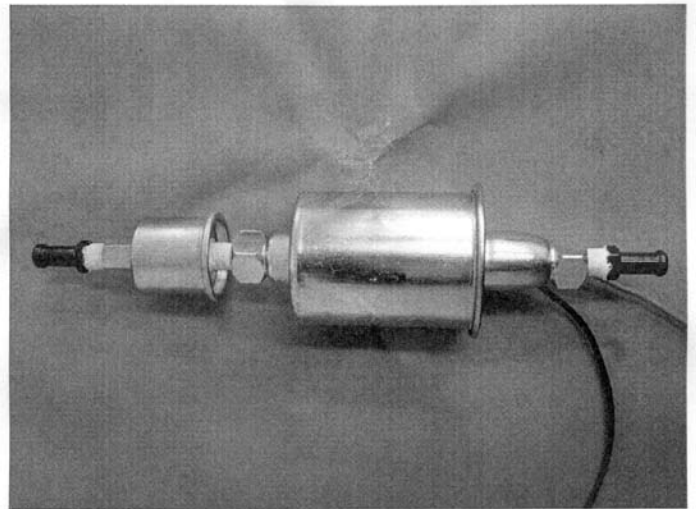


Figure 2. Fuel pump assembly

2. Remove pump plugs and install one-way valve and hose barb fitting per Figure 2.

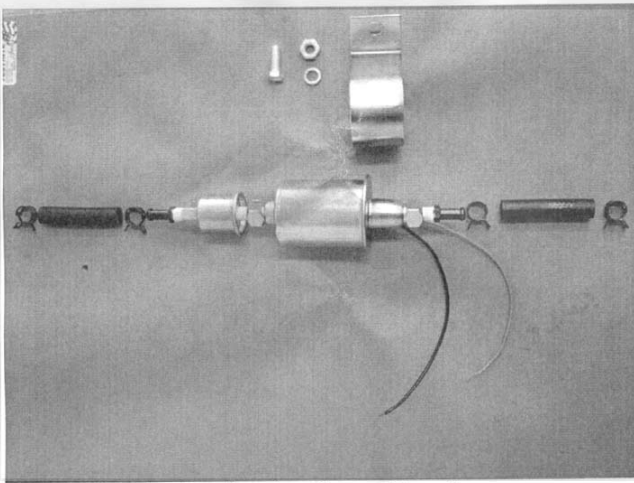


Figure 3. View showing orientation of hose and hose clamps.

3. Additional hose clamps and hose will be installed as noted per Figure 3 depending on final application.

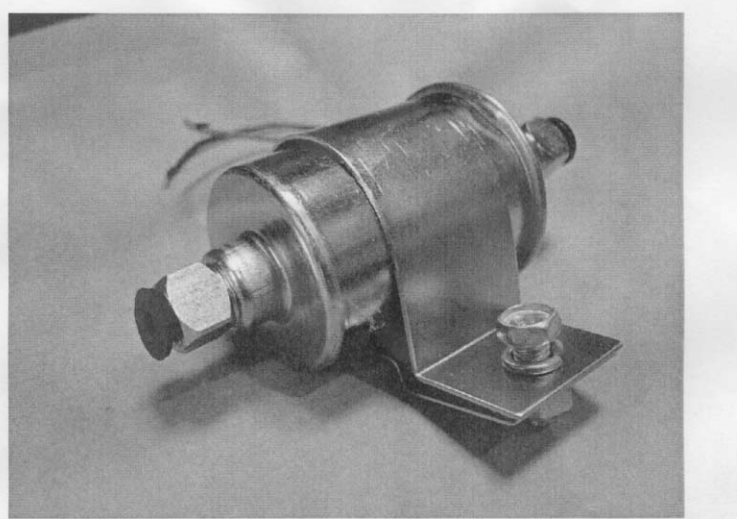


Figure 4. View showing the assembly of mounting bracket and associated hardware

4. Assemble mounting clamp using supplied nut, lock washer and bolt as shown in Figure 4. Vehicle mounting location will vary based on application.

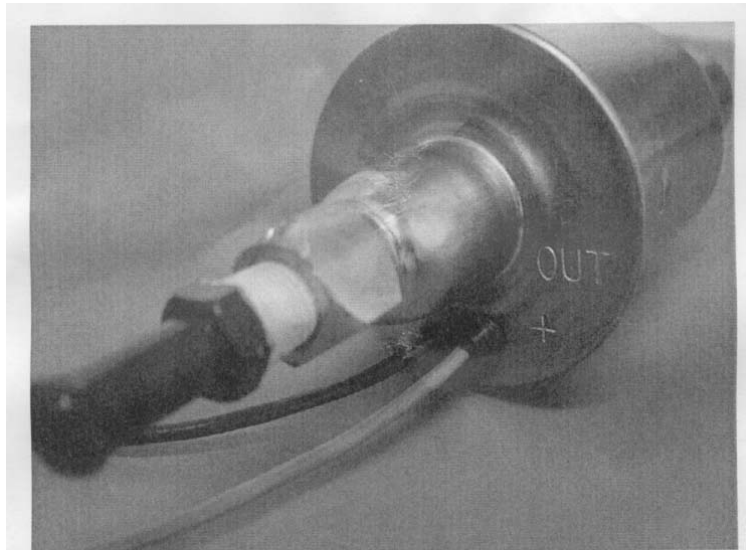


Figure 5. View showing wire polarity and pump output.

5. Connect white wire to a Positive (+) 6V (8011) or 12V(8012, 8016) switched ignition source with a minimum 20 amp rating. Connect black wire to chassis ground. See figure 5.