

## ELECTRIC FUEL PUMP INSTALLATION INSTRUCTION SHEET

### A. SAFETY PRECAUTIONS:

Work on a level surface. Use safety stands for support, not a jack. Keep an ABC 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 fuse or battery cables. Relieve fuel system pressure before servicing pump.

### 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:

NOT INTENDED FOR MARINE OR AIRCRAFT APPLICATIONS.

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 TANK, WORK AREA, AND PUMP ASSEMBLY CLEAN.

### 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. Drain fuel tank and plug tank filler pipe to prevent dirt from entering tank.
2. Disconnect hoses noting which tube they were removed from.
3. Remove tank from vehicle, clean area around assembly flange.
4. Remove retaining cam ring or bolts from tank holding fuel pump bracket in tank noting position of fuel pump bracket in fuel tank, again clean area around assembly flange.
5. Remove pump bracket assembly from fuel tank. NOTE: Do not bend bracket or float arm (if applicable).
6. Note orientation of filter to fuel pump bracket (or float arm).
7. Remove filter from existing pump by turning in one direction while pulling apart.
8. Remove electrical connectors from existing pump noting polarity (+ or -) of wiring.
9. If applicable remove hose clamps and hose, connecting fuel pump outlet to bracket assembly.
10. Remove existing pump from bracket.
11. Install replacement pump in bracket.
  - a. Push thin rubber ring around the replacement pump inlet.
  - b. Push rubber sleeve around the replacement pump.
  - c. Push hose connector onto carrier.
  - d. Holding hose in place in the carrier, connect hose to the pump outlet tube.
  - e. Push strainer onto pump inlet, noting filter locator notch.
  - f. **Do not re-use ring-shaped bracket, pump will remain securely held in place without bracket.**
12. If electrical connectors on the replacement pump are the same as the connectors on the defective pump then reconnect electrical connectors noting polarity, if they are not the same then you will need to do the following:
  - a. Cut wires about 2 inches from defective pump.
  - b. Strip wire insulation back 1/4 inch.
  - c. Crimp on new wire ends and new wires provided in mounting kit.
  - d. Noting wire end terminal hole size if applicable and polarity of replacement pump, reconnect electrical connectors to replacement pump.
13. If applicable install new hose and clamps from pump outlet to bracket.
14. Install new filter on pump inlet noting orientation of filter to pump bracket and/or float arm.
15. Clean and flush tank thoroughly, dirt will cause replacement pump to fail.
16. Install pump bracket assembly back in tank using tank ring provided in mounting kit, replace retaining cam ring or bolts.
17. Reconnect hoses and electrical connectors reposition tank under vehicle, remove plug from tank filler pipe.
18. Replace fuse and or battery cables and fill tank with clean, filtered fuel.
19. Start vehicle and inspect for leaks if pump does not pump recheck polarity, an improperly wired pump will run but will not pump.

NOTE: A loss of oil pressure or a defective oil pressure switch will cause the pump to be inoperative. An OS75 or appropriate oil pressure switch should be used to replace the defective switch.