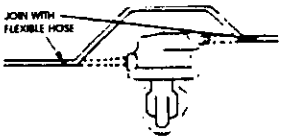
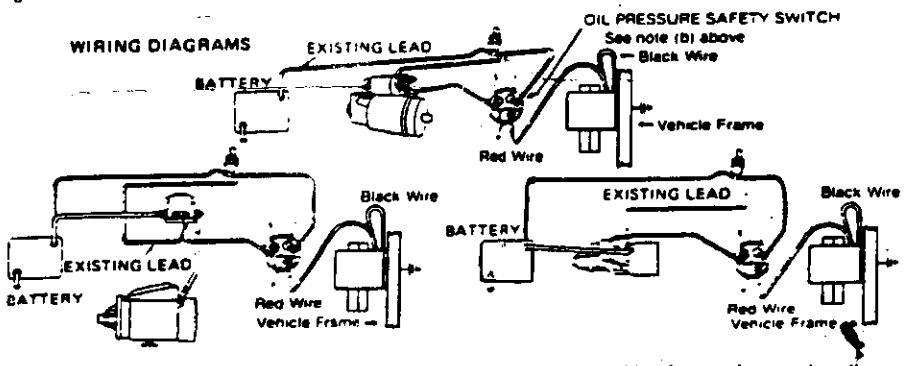
7. BYPASS ORIGINAL PUMP Remove the fuel lines from the original pump and join lines together with flared connector or flexible hose and clamps. Tighten clamps. If the original pump is a mechanical pump, it does not have to be removed; if not removed be sure inlet is not plugged. If the pump is removed, the opening must be covered with a gasket and blank plate. **IMPORTANT:** if original pump is a combined fuel and vacuum pump, leave the pump installed in the vehicle. Disconnect fuel lines from pump and attach them together, but do not disturb other lines.



8. CONNECT LEAD WIRE Connect 16 gauge (or heavier) wire to pump primary lead red, and run wire to vehicle ignition circuit (preferably to the oil pressure switch), or to a separate switch connected to the battery positive (+) terminal. If the car was previously equipped with an electric fuel pump, attach original pump leads to the new pump. (See wiring diagrams for suggested wiring methods.) NOTE: It is strongly recommended that a safety shut-off switch be installed to prevent fuel leakage in the event of collision or upset.

NOTE: It is strongly recommended that a safety shut-off switch be installed to prevent fuel leakage in the event of collision or upset. (a) connect power lead from fuel pump to common (P) terminal of switch (b) Connect normally open (I) terminal of switch to ignition switch, accessory take-off fuse block, or some other 12 volt power source controlled by the ignition switch. (c) Connect normally closed (S) terminal of switch to starting system as shown in the following typical illustrations.

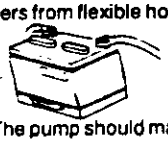


By wiring the electronic fuel pump as shown above, the fuel pump will only operate when cranking for starting or when the engine is operating and maintaining oil pressure. If the engine stalls with the ignition ON, the pump will stop operating.

9. TIGHTEN PUMP MOUNTING BOLTS

10. RECONNECT FUEL SUPPLY Check all clamps to insure tightness. Remove locking pliers from flexible hose, or refill fuel tank. Check for leaks, and correct if present.

11. RECONNECT BATTERY NOTE: Battery must be at full charge to start up pump.



12. CHECK INSTALLATION Turn on the ignition (or separate switch) and start the engine. The pump should make a clicking noise as soon as power is applied. Several seconds may be required to pressurize the fuel line and allow the engine to start. Purge air from fuel line and loosen fuel line at carburetor while the pump is running. NOTE: Never crank the starter for more than 15 seconds at a time and allow the starter to cool for two minutes after each try, if necessary. Check again for leaks, and correct if present.

TROUBLESHOOTING

PROBLEM No Start - Pump Not Operating
PROBABLE SOLUTION - Check battery voltage to the positive (+) lead. Repair as necessary. - Make SURE you have a good ground. Metal-to-metal contact of the pump body and the frame is required. A ground Strap can be fabricated to connect one of the pump mounting bolts to a known, good ground. - Make sure battery is fully charged.

PROBLEM No Start - Pump Operating But No Fuel To Carburetor
PROBABLE SOLUTION - Check for air in lines and repair as necessary. - Check for obstruction or crimp in fuel line. Repair as necessary. - Purge air from fruel line - loosen fuel line at carburetor while the pump is running -- use caution with raw fuel.

LIMITED WARRANTY POLICY
Facet Electronic Fuel Pumps

Facet Enterprises, Inc., warrants this Electronic Fuel Pump to the original consumer purchaser against defects in material or workmanship under normal use and service for a period of one (1) year from the date of purchase. In the event of a defect covered by this warranty, the unit should be returned to the dealer from whom it was purchased, with proof of purchase date. Any defective unit will be repaired or, at the dealer's or Facet's option, replaced without charge for either parts or labor. If the dealer is unable or unwilling to cure the defect, Facet should be notified in writing at the address shown below. Facet will then issue instructions as to the proper procedure to follow based on the information supplied in the notice.

ANY IMPLIED WARRANTIES ARE ALSO LIMITED IN DURATION TO THE ONE (1) YEAR PERIOD FROM THE ORIGINAL PURCHASE DATE. FACET ENTERPRISES, INC. SHALL NOT BE LIABLE FOR LOSS OF USE OF THIS ELECTRONIC FUEL PUMP OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES.

This warranty does not cover any defect resulting from misuse, abuse, neglect, accident, alteration, improper installation, or any other cause not arising out of a defect in materials and workmanship.

This Limited Warranty gives the original purchaser specific legal rights. The purchaser may also have other rights which may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidential or consequential damages, so the above limitations or exclusions may not be applicable.

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