

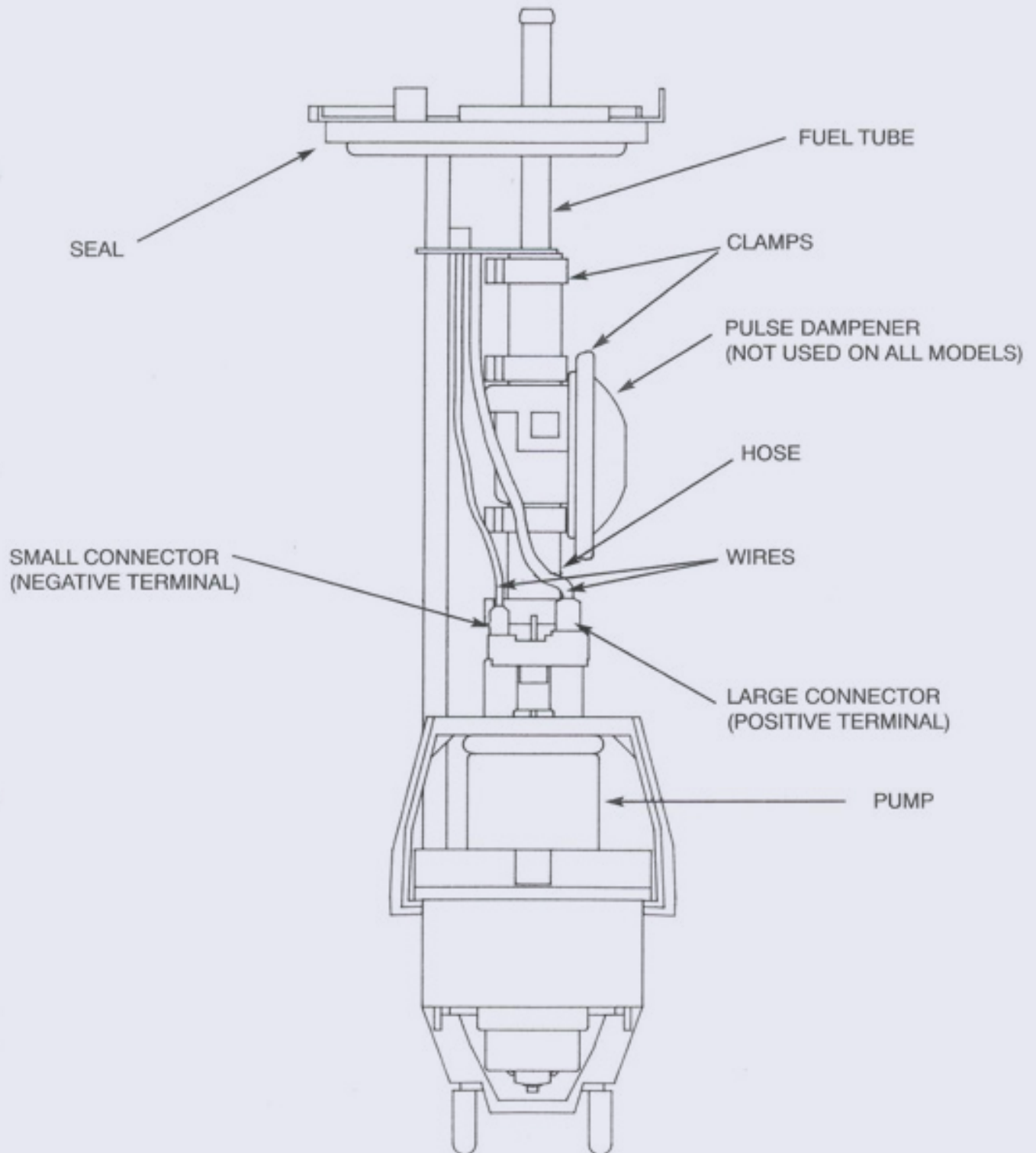
Installation Instructions

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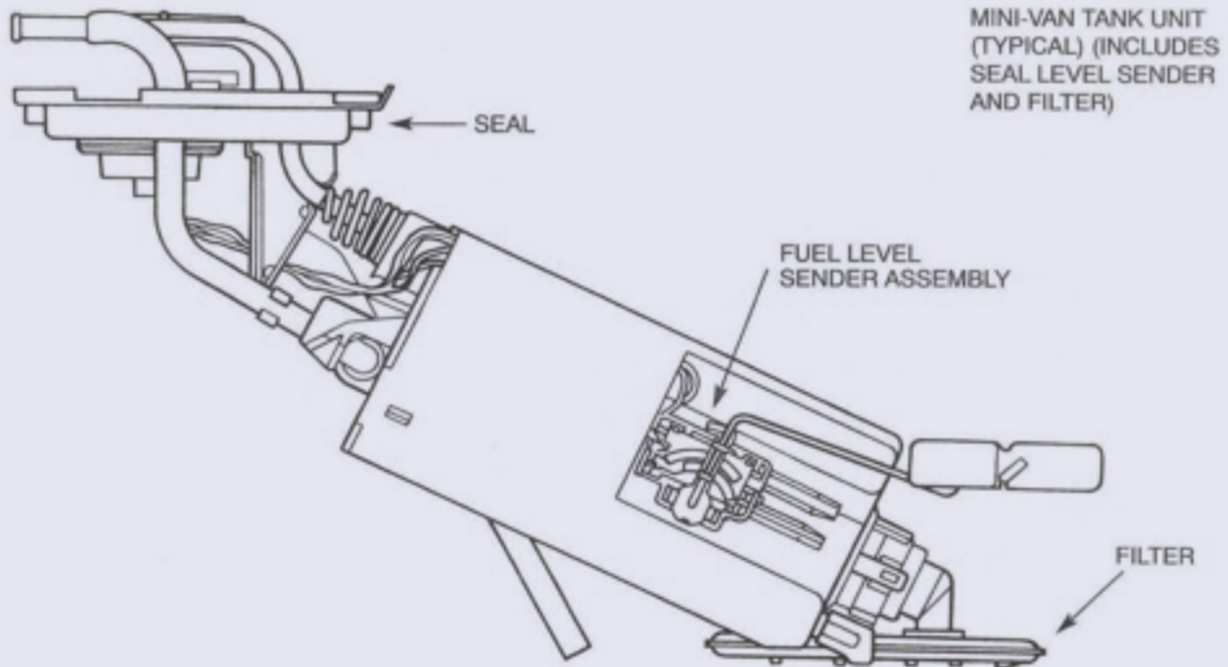
PUMP/BRACKET TYPICAL ASSEMBLY

CHRYSLER CORPORATION



TYPICAL TANK UNIT ASSEMBLY

CHRYSLER MOTOR COMPANY



TYPICAL INSTALLATION INSTRUCTIONS

FUEL PUMP REPLACEMENT INSTRUCTIONS

NOTE: The words “tank unit” used throughout these instructions means fuel pump tank unit and fuel level sender assembly.

I. PREPARATIONS

- A) Relieve Fuel System Pressure
 - 1) Remove fuel cap from the tank to relieve any tank pressure.
 - 2) Use the following procedure to avoid damage to the injectors or other fuel system components.
- B) Locate and unplug the injector wiring harness, from the injector for single point EFI, or from one of the injectors for multi-point EFI.
- C) Ground one terminal of the injector.
- D) Apply battery voltage from vehicle to the other terminal for 5 seconds to open injector.
- E) Remove the jumper wires and continue on with the fuel system servicing.

II. FUEL TANK REMOVAL

PASSENGER CAR VEHICLES

It is not normally necessary to remove the fuel tank in passenger car vehicles. If it becomes necessary, refer to the applicable vehicle service manual for the vehicle you are working on for specific fuel tank removal instructions.

MINI-VANS

WARNING: It is necessary to obtain help in removing and installing the fuel tank due to its size and weight.

NOTE: The following are general fuel tank removal instructions and may not be specific enough for your application. It may be necessary to refer to the applicable vehicle service manual for the vehicle you are working on for specific fuel tank removal instructions.

- A) Safely raise and safely support the vehicle and locate the tank unit in the fuel tank. Supporting and partially lowering the fuel tank if necessary, disconnect the electrical connector at the tank unit.
- B) Clean the area around the fuel lines and top of the tank unit. This is to insure that no contamination enters the fuel lines. The fuel lines will be connected to the tank unit by quick disconnect fittings or by clamps and rubber hoses. In either case, disconnect the fuel lines being careful to avoid spilling fuel.
- C) Disconnect and remove the fuel filler neck if necessary.
- D) If necessary support the fuel tank and remove the retaining straps to allow the

tank to be removed from the vehicle. Obtain assistance and remove the fuel tank being careful to avoid spillage.

- E) Note the position and condition of all fuel tank mounting pads and insulators used in isolating the fuel tank from the body. Mislocated, deteriorated, or incorrect pads and/or isolators can cause objectionable transmission of fuel pump noise into the vehicle.

III. REMOVE AND REPLACE TANK UNIT

- A) Using the special tool available for removing the tank unit retaining ring, remove it by rotating the ring in a counter-clockwise direction. The special tool for this job is best, although other methods can be used. Whatever method is used, do not use any that can cause sparks and a resultant fire or explosion.
- B) Once the retaining ring is removed, remove the tank unit from the tank. Set the tank unit aside.
- C) Examine the inside of the tank for any contamination. If the tank contains any foreign material, it must be cleaned before the new tank unit is installed.
- D) Obtain the new tank unit. Check the the seal is properly positioned under the top of the flange. Also check to insure that the filter locking tabs are engaged with the tank unit. If the tank unit has the fuel sender/float arm assembly on it, be sure that this operates freely.
- E) Carefully place the tank unit into the fuel tank, ensuring the level sender assembly (if used) does not get bent.
- F) Making sure the seal is properly positioned in the tank groove, install the retaining ring. Turn the ring clockwise to lock in place.

IV. FUEL LINE AND ELECTRICAL INSTALLATION

- A) If the tank was removed from the vehicle, check for defective, missing or mislocated mounting pads, insulators, and brackets. Inspect and correct any defects in the fuel hoses, filler neck

connections, or similar components related to the fuel tank installation. Obtain assistance and re-install the tank into the vehicle.

- B) Install the fuel lines onto the tank unit tubes. Make sure the quick disconnect fittings are securely connected, and that the hose clamps used are tight. Connect the electrical harness assembly to the tank unit electrical connector. Reconnect all lines and hoses securely. Make sure that any fuel tank shields that may have been removed to replace the fuel pump are reinstalled and placed correctly.

V. WRAP UP

- A) Using only equipment designed for use with gasoline, refuel the fuel tank with gasoline. **(NOTE: Be sure to clean up any fuel spills before proceeding.)**
- B) Inspect the system for fuel leaks and correct them, if required.
- C) With the ignition switch off, reconnect the ground (-) cable to the battery.
- D) Start the engine and inspect fuel lines and connections for leaks. Correct leaks if any exist.
- E) Clear any trouble codes in the electronic control system that may exist as a result of the fuel pump replacement procedure. Use the specific vehicle service manual for assistance, if necessary.

TROUBLE SHOOTING

Should the pump fail to operate:

Check the fuel pump fuse and fuel pump relay as outlined in the service manual.

If the pump has power and proper polarity, check the remainder of the fuel system as outlined in the service manual.

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