

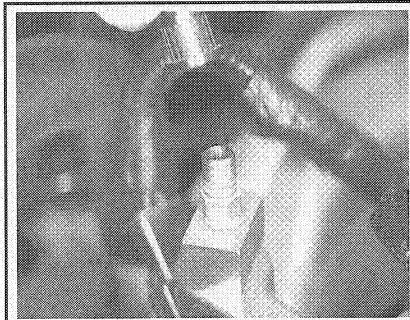
12. Connect the negative battery cable and turn the ignition switch to the **RUN** position to allow the fuel pump to pressurize the system.
13. Check for fuel leaks.
14. Start the engine and let it idle for 2 minutes. Turn the engine **OFF** and check for leaks.

Pressure Relief Valve

REMOVAL & INSTALLATION

See Figure 47

1. Disconnect the negative battery cable.
2. Properly relieve the fuel system pressure.
3. Remove the air cleaner outlet tube(s).



89605P03

Fig. 47 The fuel pressure relief valve is located on the fuel rail, under the protective cap

4. Remove any necessary components to access the pressure relief valve.
5. Remove the cap from the pressure relief valve.
6. Remove the pressure relief valve from the fuel rail using the proper size socket and drive tool.

To install:

7. The installation is the reverse of the removal.

FUEL TANK

Tank Assembly

REMOVAL & INSTALLATION

1. Disable the air suspension, if equipped.
2. Disconnect the negative battery cable and relieve the fuel system pressure.
3. Siphon or pump as much fuel as possible out through the fuel filler pipe.

➔ **Fuel injected vehicles have reservoirs inside the fuel tank to maintain fuel near the fuel pickup during cornering and under low fuel operating conditions. These reservoirs could block siphon tubes or hoses from reaching the bottom of the fuel tank. Repeated attempts using different hose orientations can overcome this obstacle.**

4. Raise and safely support the vehicle.
5. If equipped with a metal retainer that fastens the filler pipe to the fuel tank, remove the screw attaching the retainer to the fuel tank flange.
6. Detach the fuel lines and the electrical connector to the fuel tank sending unit. On some vehicles, these are inaccessible on top of the tank. In these cases they must be disconnected with the tank partially removed.
7. Place a safety support under the fuel tank and remove the bolts or nuts from the fuel tank straps. Allow the straps to swing out of the way.
8. Partially remove the tank and detach the fuel lines and electrical connector from the sending unit, if not detached previously.
9. Remove the tank from the vehicle.

To install:

10. Raise the fuel tank into position in the vehicle. Connect the fuel lines and sending unit electrical connector if it is necessary to connect them before the tank is in the final installed position.
11. Lubricate the fuel filler pipe with water base tire mounting lubricant and install the tank onto the filler pipe, then bring the tank into final position. Be careful not to deform the tank.
12. Bring the fuel tank straps around the tank and start the retaining nut or bolt. Align the tank with the straps. If equipped, make sure the fuel tank shields are installed with the straps and are positioned correctly on the tank.

13. Check the hoses and wiring mounted on the tank top to make sure they are correctly routed and will not be pinched between the tank and body.

14. Tighten the fuel tank strap retaining nuts or bolts to 20–30 ft. lbs. (28–40 Nm).

15. If not already connected, connect the fuel hoses and lines which were detached. Make sure the fuel supply, fuel return, if present, and vapor vent connections are made correctly. If not already connected, connect the sending unit electrical connector.

16. Lower the vehicle.

17. Replace the fuel that was drained from the tank.

18. Check all connections for leaks.

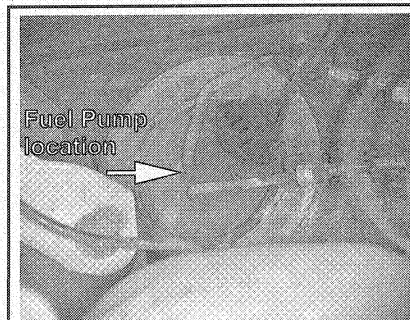
Electric Fuel Pump

REMOVAL & INSTALLATION

See Figures 48, 49 and 50

CAUTION

Fuel injection systems remain under pressure, even after the engine has been turned OFF. The fuel system pressure must be relieved before disconnecting any fuel lines. Failure to do so may result in fire and/or personal injury.



89605P02

Fig. 48 The fuel pump is located in the fuel tank. On some models it can be viewed from the side as shown here

1. If equipped with air suspension, the air suspension switch, located on a side panel of the trunk compartment, must be turned to the **OFF** position before raising the vehicle.

2. Disconnect the negative battery cable.

3. Relieve fuel system pressure using the recommended procedure.

4. Raise and safely support the vehicle.

5. Remove the fuel tank from the vehicle and place on a suitable work bench.

6. Remove any dirt that has accumulated around the fuel pump retaining flange so it will not enter the tank during pump removal and installation.

7. On 1988–94 models, turn the fuel pump locking ring counterclockwise and remove the locking ring.

8. On 1995–00 models, remove the retaining bolts around the perimeter of the fuel pump module.

9. Remove the fuel pump/sending unit assembly. Remove and discard the seal ring.

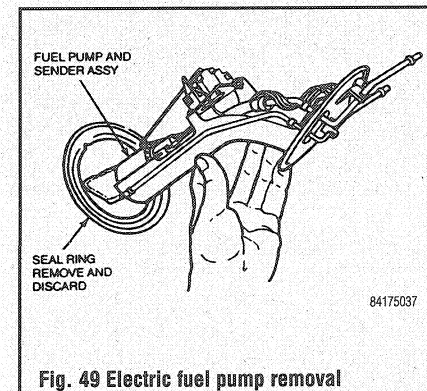
To install:

10. Clean the fuel pump mounting flange, fuel tank mounting surface and seal ring groove.

11. Apply a light coating of grease on a new seal ring to hold it in place during assembly and install it in the seal ring groove.

12. Install the fuel pump/sending unit assembly carefully to ensure the filter is not damaged. Make sure the locating keys are in the keyways and the seal ring remains in the groove.

13. Hold the pump assembly in place and install the locking ring finger-tight. Make sure all the locking tabs are under the tank lock ring tabs.



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Fig. 49 Electric fuel pump removal