



Fuel Pump

The fuel pump(s) is energized by an ECM controlled relay. Fuel is drawn by this pump and supplied to the fuel injectors via the fuel line, filter and fuel rails. Servicing of the fuel pump requires fuel tank removal.

Evaporative Loss Flange Assembly

The evaporative-loss flange assembly is mounted centrally on top of the tank. The flange assembly consists of a removeable steel cap which mounts the evaporative emissions system vapor outlet valves and, if applicable, a pressure sensor. The external electrical supply to the fuel pump(s) is also made via a connector on the flange.

The flange assembly is fixed to the tank by a locking ring which is turned using special tool JD-174. A seal is fitted between the flange assembly and the tank. Three different flange assemblies are applicable according to the evaporative emission system fitted to the vehicle. The flange size and fixing are identical for the three systems, as described.

Removal of the evaporative flange assembly is necessary to gain access to the fuel pump(s) and other internal components. To remove the evaporative flange assembly the fuel tank must first be removed.

The evaporative flange variant assemblies are described, together with service information, in Section <<303-13>>.

Fuel Return

Excess fuel is directed back to the fuel tank via a return line.

Fuel Pump Relay

The fuel pump relay, under control of the ECM, switches power to the fuel pump motor.

Inertia Fuel Shutoff (IFS) Switch

