

Fuel System

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The fuel system consists of the:

- saddle-type fuel tank.
- Fuel Pump (FP) module.
- fuel level sensor.
- Easy Fuel™ (capless) fuel tank filler pipe assembly.
- fuel rail.
- fuel injectors.
- fuel rail pressure and temperature sensor.
- fuel filter.
- Fuel Tank Pressure (FTP) sensor (part of the fuel vapor tube assembly).
- fuel tubes (liquid and vapor).
- Inertia Fuel Shutoff (IFS) switch.

The vehicle:

- utilizes an Electronic Returnless Fuel System (ERFS) .
- has a saddle-type fuel tank.
- has a FP module in the LH saddle of the fuel tank that supplies fuel under pressure to the fuel rail.
- has a serviceable fuel level sender mounted on the FP module.
- has a fuel level sensor in the RH saddle of the fuel tank.
- has an Easy Fuel™ (capless) fuel tank filler pipe assembly, which cannot be modified in any way.
- has a supplemental refueling adapter located in the luggage compartment.
- is equipped with a sequential Multi-Port Fuel Injection (MFI) system.
- has fuel tubes (liquid and vapor) mounted on the underside of the vehicle in a bundle.
- has a FTP sensor (part of the fuel vapor tube assembly).
- uses separately controlled fuel injectors for each cylinder. The fuel injectors are mounted to the intake manifold.
- fuel injectors are supplied with pressurized fuel from the FP module to the fuel rail.
- fuel injection rail pressure is controlled by the electronic FP module which is enabled by the PCM.
- has an IFS switch located in the driver side footwell that shuts off fuel in the event of a collision.

Fuel System Shutoff Feature

The FP module is controlled by the PCM. Electrical power to the FP module is provided through the IFS switch that will de-energize the fuel delivery secondary circuit in the event of a moderate to severe collision. The IFS switch is a safety device, located under the LH A-pillar lower trim panel. Should the vehicle shutoff after a collision due to this feature, restart the vehicle by first turning the ignition OFF, push the reset button on the IFS switch, then turn the ignition to the ON position.

