The in-tank fuel pump module contains the fuel pump. The pump is serviced as part of the fuel pump module. Refer to Fuel Pump Module.

The fuel filter is replaceable only as part of the fuel pump module.

OPERATION

The fuel system provides fuel pressure by an in-tank pump module. The Powertrain Control Module (PCM) controls the operation of the fuel system by providing battery voltage to the fuel pump through the fuel pump relay. The PCM requires only three inputs and a good ground to operate the fuel pump relay. The three inputs are:

- Ignition voltage
- Crankshaft Position (CKP) sensor
- Camshaft Position (CMP) sensor

DIAGNOSIS AND TESTING - FUEL DELIVERY SYSTEM

(Refer to Appropriate Diagnostic Information)

STANDARD PROCEDURE - FUEL SYSTEM PRESSURE RELEASE PROCEDURE

1. Remove Fuel Pump relay from Power Distribution Center (PDC). For location of relay, refer to label on underside of PDC cover.
2. Start and run engine until it stalls.
3. Attempt restarting engine until it will no longer run.
4. Turn ignition key to OFF position.
5. Return fuel pump relay to PDC.
6. One or more Diagnostic Trouble Codes (DTC's) may have been stored in PCM memory due to fuel pump relay removal. The scan tool must be used to erase a DTC.

SPECIFICATIONS

TORQUE

DESCRIPTION	N·m	Ft. Lbs.	In. Lbs.
Accelerator Pedal to Dash Nuts	12	8.8	106
Fuel Tank Strap Bolts	60	44	
Hose Clamps	3		25
Fuel Rail Mounting Bolts-5.7L	11	-	100

FUEL SYSTEM PRESSURE

400 kpa ±34 kpa (58 psi ± 5 psi)

FUEL TANK CAPACITY

Vehicle	Liters	U.S. Gallons
LX V-6 Engine	68	18
LX V-8 Engine	72	19
Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.		