

**Caution: Anytime you work on a fuel system, follow these procedures:**

- / Always have a Class B fire extinguisher readily available.
- / Work in a well-ventilated area away from open flames and anything that could cause a spark.
- / Make sure to wear safety glasses and any other safety protection needed while performing fuel system repairs.
- / Properly relieve the system's fuel pressure before any repairs are performed. Refer to the OE service manual.
- / Check fuel system pressure and flow along with the pump electrical circuit. Make any necessary repairs before replacing the pump.
- / Disconnect the ground cable from the vehicle's battery before performing any operation involving gasoline, gas tanks or fuel lines.

**Fuel Pump Assembly Replacement Instructions:**

**NOTE: The updated assembly you're installing might not look exactly like the original but will perform the same.**

1. Drain fuel from tank into a government-certified container.
2. If applicable, remove any skid plates and lower tank.
3. Disconnect fuel lines and electrical connections.
4. Inspect vehicle wiring for possible overheating and repair as necessary.
5. Remove tank from vehicle.
6. **Clean the top of the tank** to make sure dirt does not fall into tank after pump has been removed.
7. Remove pump assembly lock ring with approved tool.
8. Carefully remove the assembly from the tank.
9. Once assembly has been removed, **use fuel tank cleaning kit (FC01) to clean and flush the inside of the fuel tank.**
10. If the level sensor is detached, see note below.
11. Install new assembly back into clean tank.
12. Reinstall tank lock ring with approved tool.
13. Reconnect fuel lines and electrical connectors.
14. Reinstall tank back into vehicle and check for leaks, fill with fresh/clean fuel. **Contaminated fuel should not be put back into vehicle tank.**

**Attaching Level Sensor to Fuel Module (if level sensor is detached):**

1. Remove the level sensor assembly carefully from the box taking care not to damage the float arm.
2. Locate the flat mounting attachment area on the fuel module reservoir and on the fuel level sensor.
3. With the float arm extended down in the rest position, slide the fuel level sensor into the attachment area on the reservoir until it's latched into location.
4. Attach the electrical harness on the fuel level sensor to the electrical connector under the cover of the fuel module and securely latch in place.
5. Gently rotate the float arm to insure that it is moving freely.

