

GM MODULE AND HANGER ASSEMBLY INSTALLATION INSTRUCTIONS

When fuel is involved, work in a well-ventilated area away from sparks and open flames. To eliminate the risk of fire and personal injury, the fuel system pressure must be relieved before servicing any fuel system component.

COMPLETE IN-TANK MODULE REPLACEMENT FOR GM VEHICLES

WARNING: Fuel electrical connector failures are common on the application this fuel pump module fits. The positive (+) or negative (-) terminal within this connector begins losing continuity creating a substantial voltage drop. The heat generated from the arcing and voltage drop melts the plastic around the positive (+) or negative (-) terminal of the connector on the top of the module.

Closely inspect the electrical connector on top of this module for damage (see illustration). If any black soot or melted plastic is observed around the positive or negative terminals, **the vehicle wiring harness end must be replaced.**

To avoid damage to the module, read instructions completely before attempting any operation.

A. Fuel Pressure Relief

Before working on the fuel system components it is necessary to relieve the fuel system pressure. Failure to follow these procedures may result in personal injury or fire hazard from fuel spray.

1. Remove the fuel cap from fuel tank to relieve tank pressure.
2. Remove the fuel pump fuse from the fuse block.
3. Start engine and run until the fuel in the fuel lines is consumed.
4. Engage the starter to relieve any remaining pressure.
5. Place the ignition switch in the "OFF" position and replace the fuse.
6. Disable the vehicle's electrical system by disconnecting the negative (-) battery cable.

B. Fuel Tank and In-Tank Module Removal

Insert a gasoline transfer pump hose into the filler neck all the way until the hose is resting at the bottom of the tank and completely drain the tank of all fuel. Store the fuel in an approved container.

1. Raise the car.
2. Disconnect electrical connectors from module.
3. Loosen tank straps and disconnect fuel hoses from fuel tank and module.
4. Remove the filler vent hoses from the tank.
5. Remove any skid plates or shields that may interfere with the removal of the tank.
6. Support the tank and remove the retaining straps.
7. Carefully lower the fuel tank.
8. Clean the area around the module of any loose dirt to avoid contaminating the fuel tank.
9. Carefully inspect connector on module cover (see above warning and illustration).
10. Mark orientation of hoses nipple (s) to the fuel lines.
11. Remove the retaining ring, lift out module, and pour fuel from reservoir into safe container.
12. Clean and flush tank before installing new module.

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C. Fuel Tank and In-tank Module Installation

1. Carefully position the new seal on the module. (May have to lubricate to ease installation)
2. Install module in tank opening, being careful not to bent float arm.
3. Install retaining ring.
4. Reconnect all hoses and wires on tank and module.
5. Reinstall tank.
6. Lower vehicle, reconnect the battery negative (-) terminal and verify that fuel gauge reading is at empty.
7. Refill fuel tank completely with clean filtered fuel.
8. Start the vehicle and inspect for fuel leaks.
9. Correct any leaks if necessary.
10. Clear the electronic control system of any trouble codes that may result from the module replacement. Use the specific vehicle service manual for assistance.

ATTENTION:

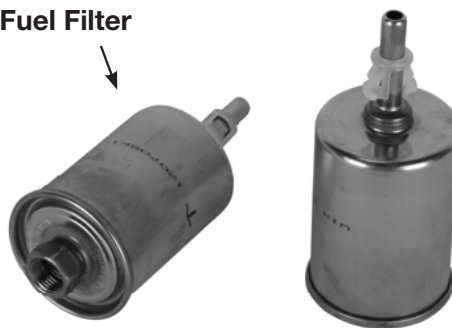
Failure to clean the fuel tank and install a **NEW FILTER** and **STRAINER** may allow contaminants to enter the pump and void warranty. Contamination is the leading cause of fuel pump failure.

Fuel pumps are not designed to be run dry. Running a fuel pump dry for more than 3 seconds may cause permanent damage to the pump and void the warranty.

Electrical Connector



Fuel Filter



Strainer

