

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **Engine/Propulsion**
2. **Engine Controls and Fuel - 6.2L (LT2)**
3. **Repair Instructions**
- 4.

Fuel Rail Pressure Sensor Replacement (Convertible)

Removal Procedure

1. Relieve the fuel system pressure. Fuel Pressure Relief
2. Click here for full size
3. Fuel Pump Insulator (1) >> Remove - Fuel Pump Insulator Replacement
4. Disconnect the electrical connector.
5. Click here for full size
6. Caution:

Refer to Fuel and Evaporative Emission Hose/Pipe Connection Cleaning Caution.

7. Note:

Applying force to the plastic housing of the sensor may damage the sensor. To tighten or loosen, apply force only to the attached hexagon.

8. Note:

Some fuel may leak from the fuel injection fuel rail fuel pressure sensor orifice after the sensor is removed. Dry the area around this orifice after the removal of the sensor using a lint free cloth and inspect the fuel injection fuel rail fuel pressure sensor sealing surface. The surface should be free of fuel, debris, and burrs.

9. Fuel Injection Fuel Rail Fuel Pressure Sensor (1) >> Remove and DISCARD

Installation Procedure

1. Click here for full size
2. Note:

Applying force to the plastic housing of the sensor may damage the sensor. To tighten or loosen, apply force only to the attached hexagon.

3. Note:

Ensure the fuel rail threads are clean and free of any excess fuel, or the fuel injection fuel rail fuel pressure sensor will NOT seal properly.

4. Lubricate the threads and sealing surface of the NEW fuel injection fuel rail fuel pressure sensor (1) with one drop of clean engine oil.
5. Install the NEW fuel injection fuel rail fuel pressure sensor (1) and hand tighten.
6. Remove the fuel injection fuel rail pressure sensor (1) from the fuel injection fuel rail and re-lubricate with one drop of clean engine oil.
7. Caution:

Refer to Component Fastener Tightening Caution.

8. Fuel Injection Fuel Rail Fuel Pressure Sensor (1) >> Install and tighten 32.5N-m (24 lb ft)
9. Connect the electrical connector.
10. Click here for full size
11. Fuel Pump Insulator >> (1) Install - Fuel Pump Insulator Replacement
12. Note:

If a fuel leak occurs at the fuel rail, the fuel rail will need to be replaced.

13. Pressurize the fuel system and inspect for leaks.

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