

REMOVAL AND INSTALLATION (Continued)

10. Install throttle body as outlined.
11. Connect fuel supply (1/2 inch) to cold start injector, fuel rail inlet and fuel return (3/8 inch) lines as outlined.
12. Before connecting the fuel charging wiring to vehicle harness, turn ignition switch to the ON position to pressurize the fuel system.
13. Using a clean paper towel and rubber gloves, check for leaks where the fuel injector connects to the fuel injection supply manifold. If leaks are detected, service as required.
14. Connect the fuel charging wiring to vehicle harness and start the engine. Check and adjust timing. Let engine idle for two minutes.
15. Using a clean paper towel and rubber gloves, check for leaks where the fuel injector is installed into the intake manifold and service as necessary.

Fuel Pressure Regulator**Tools Required:**

- Fuel Pressure Gauge T80L-9974-B

Removal

1. Verify fuel injection supply manifold assembly is depressurized by removing fuel tank cap and releasing pressure from fuel system at fuel pressure relief valve on fuel injection supply manifold assembly using Fuel Pressure Gauge T80L-9974-B or equivalent.
2. Remove vacuum line at fuel pressure regulator.
3. Remove two fuel rail-to-lower intake manifold retaining bolts. Carefully lift fuel injection supply manifold (regulator side only) off of fuel injector to gain access to fuel pressure regulator retaining screws.

4. Remove three Allen retaining screws from regulator housing and discard.
5. Remove fuel pressure regulator assembly, gasket and O-ring. Discard fuel pressure regulator gasket (9C977) and O-ring.
NOTE: If scraping is necessary, be careful not to damage fuel pressure regulator or fuel rail gasket surfaces.

Installation

CAUTION: Flexible fuel vehicle fuel pressure regulator components are strictly methanol compatible.

1. Lubricate new fuel pressure regulator O-ring with clean engine oil.
2. Ensure gasket surfaces of fuel pressure regulator and fuel injection supply manifold are clean.
3. Install new O-ring and new gasket on regulator.
4. Using new Allen head retaining screws, install fuel pressure regulator on fuel injection supply manifold. Tighten three retaining screws to 3.75 N·m (34 lb-in).
5. Carefully install regulator side of fuel injection supply manifold to fuel injectors. If fuel injectors were completely disengaged from fuel rail cup(s), lubricate injector O-rings with clean engine oil prior to inserting in fuel injection supply manifold cups. Push regulator side of fuel rail down on fuel injectors and tighten retaining bolts to 10 N·m (7 lb-ft) while holding down on fuel injection supply manifold.

Fuel Sensor**Tools Required:**

- Fuel Line Disconnect Tool T90T-9550-C

Item	Part Number	Description
1	9C977	Fuel Pressure Regulator Gasket
2	9C977	Fuel Pressure Regulator O-Ring
3	9C977	Fuel Pressure Regulator Housing
4	9C977	Fuel Pressure Regulator Gasket
5	9C977	Fuel Pressure Regulator O-Ring
6	9C977	Fuel Pressure Regulator Housing