

Fuel Supply System

Fuel Pressure

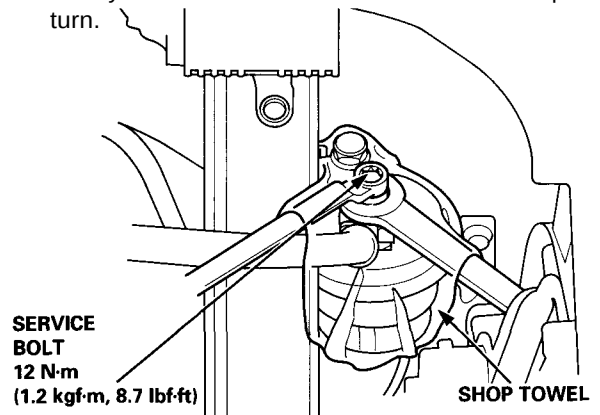
Relieving

Before disconnecting fuel pipes or hoses, release pressure from the system by loosening the 6 mm service bolt on top of the fuel filter.

⚠ WARNING

- Do not smoke while working on the fuel system. Keep open flames or sparks away from your work area.
- Be sure to relieve fuel pressure while the ignition switch is off.

1. Disconnect the battery negative cable from the battery negative terminal.
2. Remove the fuel fill cap.
3. Place a box end wrench on the 6 mm service bolt at the fuel filter, and hold the special banjo bolt with another wrench.
4. Place a rag or shop towel over the 6 mm service bolt.
5. Slowly loosen the 6 mm service bolt one complete turn.



NOTE:

- A fuel pressure gauge can be attached at the 6 mm service bolt hole.
- Always replace the washer between the service bolt and the special banjo bolt whenever the service bolt is loosened.
- Replace all washers whenever the bolts are removed.



Inspection

1. Relieve fuel pressure (see page [11-132](#))
2. Remove the service bolt on the fuel filter while holding the banjo bolt with another wrench. Attach the special tool (see page [11-38](#)).
3. Start the engine. *Measure the fuel pressure with the engine idling and the vacuum hose of the fuel pressure regulator disconnected from the fuel pressure regulator and pinched.

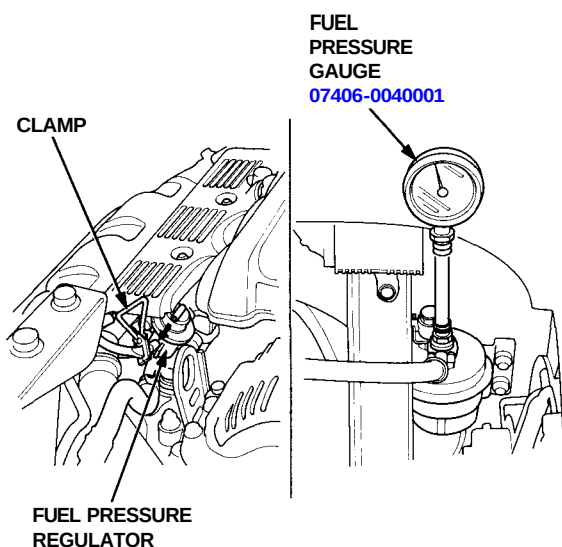
Pressure should be:

324 - 363 kPa (3.3 - 3.7 kgf/cm², 47 - 53 psi)

4. Reconnect vacuum hose to the fuel pressure regulator.

Pressure should be:

250 - 304 kPa (2.55 - 3.1 kgf/cm², 36 - 44 psi)



*: If the engine will not start, turn the ignition switch on (II) wait for two seconds, turn it off, then back on again and read the fuel pressure.

- If the fuel pressure is not as specified, first check the fuel pump (see page [11-142](#)). If the fuel pump is OK, check the following:

— If the fuel pressure is higher than specified, inspect for:

- Pinched or clogged fuel return hose or line.
- Faulty fuel pressure regulator (see page [11-137](#)).
- Faulty fuel pump relay (see page [11-139](#)).

— If the fuel pressure is lower than specified, inspect for:

- Clogged fuel filter.
- Faulty fuel pressure regulator (see page [11-137](#)).
- Leakage in the fuel line.
- Faulty fuel pump relay (see page [11-139](#)).