

Fuel Supply System

Fuel Pressure

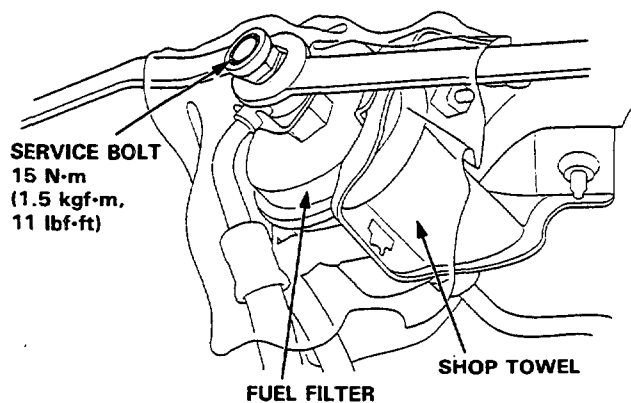
Relieving

⚠ WARNING

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

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

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



NOTE:

- A fuel pressure gauge can be attached at the 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 11-80).
2. Remove the service bolt on the fuel filter while holding the banjo bolt with another wrench. Attach the special tool.
3. Start the engine*. Measure the fuel pressure with the engine idling and vacuum hose of the fuel pressure regulator disconnected from the fuel pressure regulator and pinched.

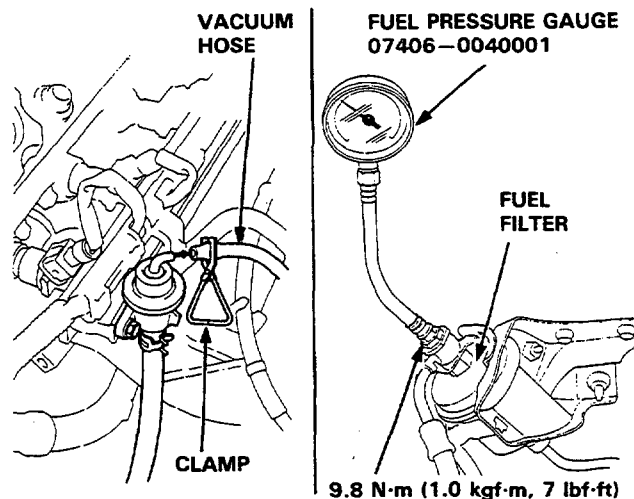
Pressure should be:

270–320 kPa (2.8–3.3 kgf/cm², 40–47 psi)

4. Reconnect vacuum hose to the fuel pressure regulator.

Pressure should be:

220–260 kPa (2.2–2.7 kgf/cm², 31–38 psi)



*: If the engine will not start, turn the ignition switch on, 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 11-88). 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 11-86).
 - If the fuel pressure is lower than specified, inspect for:
 - Clogged fuel filter.
 - Faulty fuel pressure regulator (see page 11-86).
 - Leakage in the fuel line.