

Fuel Supply System

Fuel Filters

Replacement

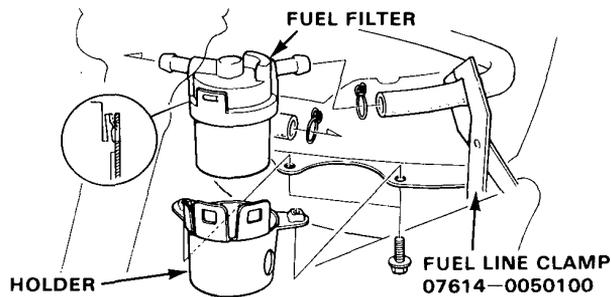
Replace both front and rear filters at every 2 years or 40,000 km (24,000 miles) whichever comes first.

▲WARNING Do not smoke while working on the fuel system. Keep open flame away from work area.

1. Block front wheels. Jack up the rear of the car and support with jackstands.
2. Push in the tab of the fuel filter to release the holder, then remove the filter from its bracket.
3. Attach fuel line clamps to the fuel lines and disconnect the lines from the filter.

CAUTION: To avoid damaging the fuel lines when disconnecting, slide back the clamps then twist the lines as you pull.

4. Install in the reverse order of removal.



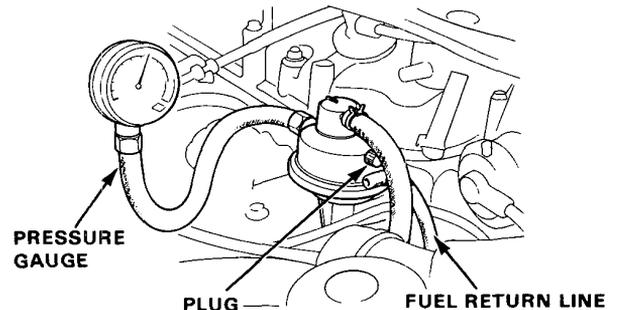
Fuel Pump

Testing

▲WARNING Do not smoke during the test. Keep any open flame away from your work area.

NOTE: Check for a clogged fuel filter and/or fuel line before checking fuel pump pressure.

1. Disconnect the fuel line at the fuel filter in the engine compartment, and connect a pressure gauge to it as shown.
2. Disconnect the fuel return line at the fuel pump and plug the return fitting with a cap.



3. Start the engine, and allow it to idle until pressure stabilizes, then stop engine.

Pressure should be:

6.8–22.6 kPa (0.07–0.23 kg/cm², 1.0–3.2 psi)

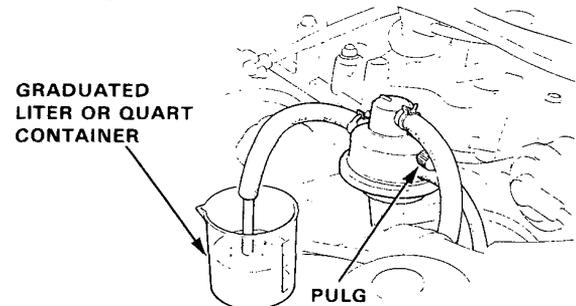
- If gauge shows at least 6.8 kPa (0.07 kg/cm², 1.0 psi), go on to step 4.
- If gauge shows less than 6.8 kPa (0.07 kg/cm², 1.0 psi), replace pump and re-test.

4. Remove pressure gauge and hold a graduated container under the hose.
5. Start the engine, and allow it to idle for 60 seconds, then stop the engine.

Fuel volume should be 833.3 cm³ (27.9 oz).

- If fuel volume is less than specified, replace the fuel pump and re-test.

NOTE: Check for a clogged fuel filter and/or fuel line before replacing pump.



6. Remove the plug from fuel pump return fitting and reconnect return line.