



Canister system leak test.

Check the EVAP control canister vent shut valve line and connections:

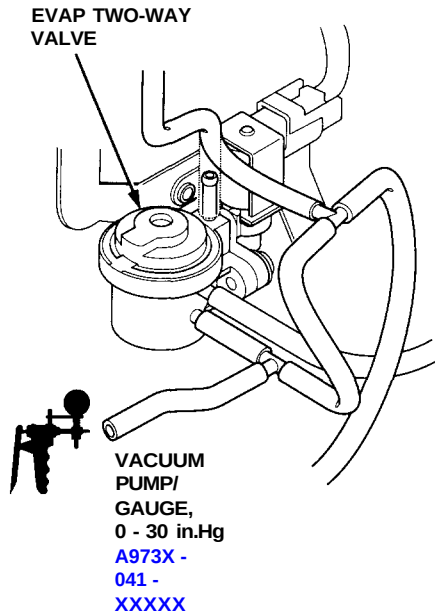
1. Turn the ignition switch OFF.
2. Connect a two three-way tee fittings into the hose from the EVAP control canister to the EVAP two-way valve. Connect the fuel tank pressure sensor to one of the tee fittings and the vacuum pump to the other.
3. Remove the vent hose from the EVAP control canister vent shut valve and cap the port to seal the fresh air vent for the EVAP control canister.
4. Turn the ignition switch ON (II).
5. While monitoring the FTP Sensor voltage with the Honda PGM Tester, or measuring voltage between PCM connector terminals D15 and D22 slowly pump the vacuum pump using a stroke every 1-2 seconds.
6. Continue to pump vacuum until that voltage drops to approx. 1.5 V.
NOTE: Make sure that the engine coolant temperature still above 95°F (35°C) and your vacuum pump has no leak.
7. Monitor that voltage for 20 seconds.

Does the voltage drop to 1.5 V and holds at least 20 seconds?

NO

YES

Inspect the EVAP control canister vent shut valve line and connections.



Check the EVAP purge control solenoid valve line and connections:

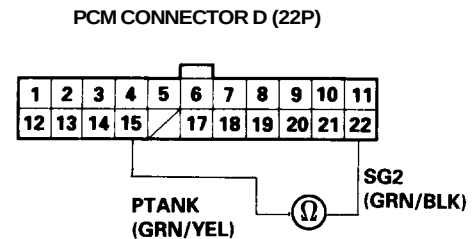
1. Turn the ignition switch OFF.
 2. Disconnect the purge line hose from the EVAP control canister and plug the port.
 3. Turn the ignition switch ON (II).
 4. While monitoring the FTP Sensor voltage with the Honda PGM Tester, or measuring voltage between PCM connector terminals D15 and D22 slowly pump the vacuum pump using a stroke every 1-2 seconds.
 5. Continue to pump vacuum until the voltage drops to approx. 1.5V.
- NOTE: Make sure that the engine coolant temperature still above 95°F (35°C) and your vacuum pump has no leak.
6. Monitor voltage for 20 seconds.

Does the voltage drop to 1.5 V and holds at least 20 seconds?

YES

NO

Replace the EVAP control canister.



Wire side of female terminals

Inspect the EVAP purge control solenoid valve line and connections. If they are OK, do the EVAP two-way valve test (see page 11-205).

(cont'd)