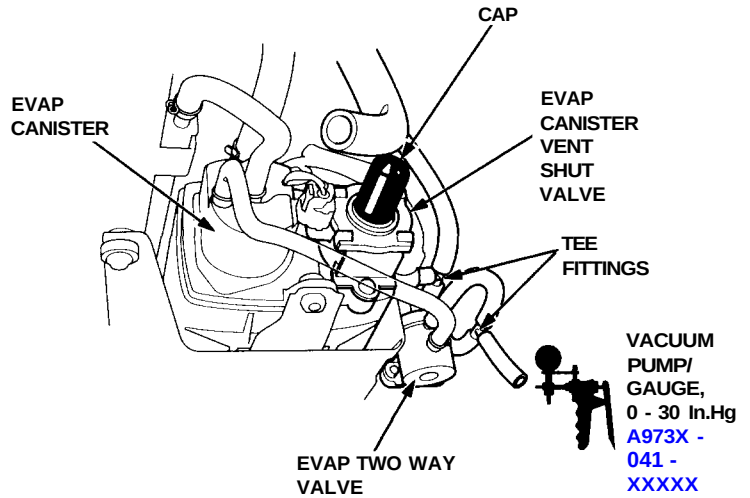




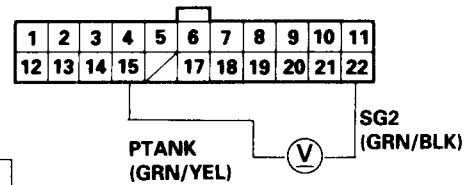
### Canister system leak test.

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

1. Turn the ignition switch OFF.
2. Connect to three-way tee fittings into the hose from the EVAP 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 canister vent shut valve and cap the port to seal the fresh air vent for the EVAP 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 about 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.



#### PCM CONNECTOR 0 (22P)



Wire side of female terminals

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

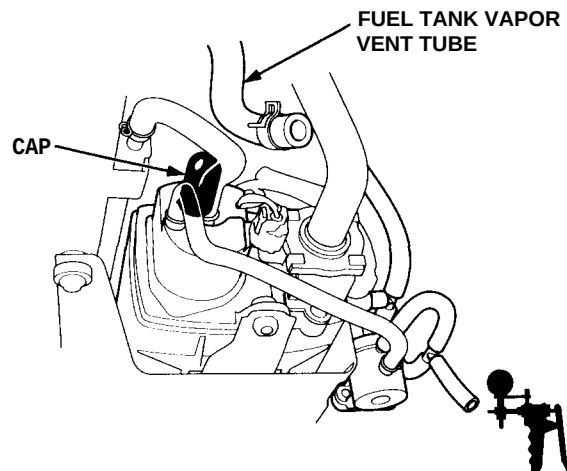
YES

Inspect the EVAP canister vent shut valve line and connections.

NO

#### Check the EVAP control Fuel tank vapor vent line and connections:

1. Turn the ignition switch OFF.
2. Disconnect the Fuel tank vapor vent tube from the EVAP 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 that voltage drops to about 1.5 V.  
NOTE: Make sure that the engine coolant temperature still above 95°F (35°C) and your vacuum pump has no leak.
6. Monitor that voltage for 20 seconds.



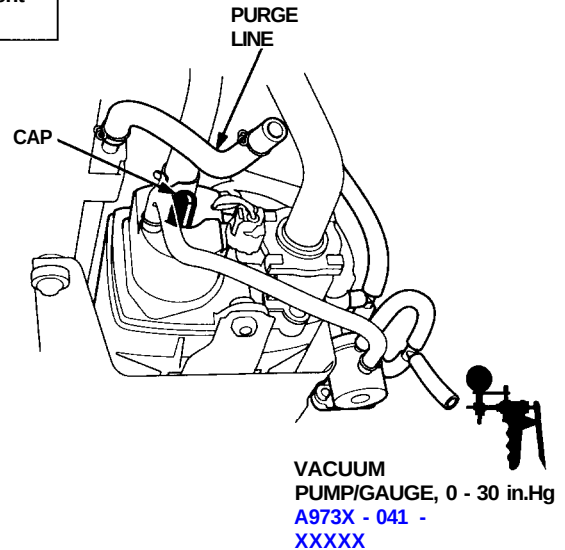
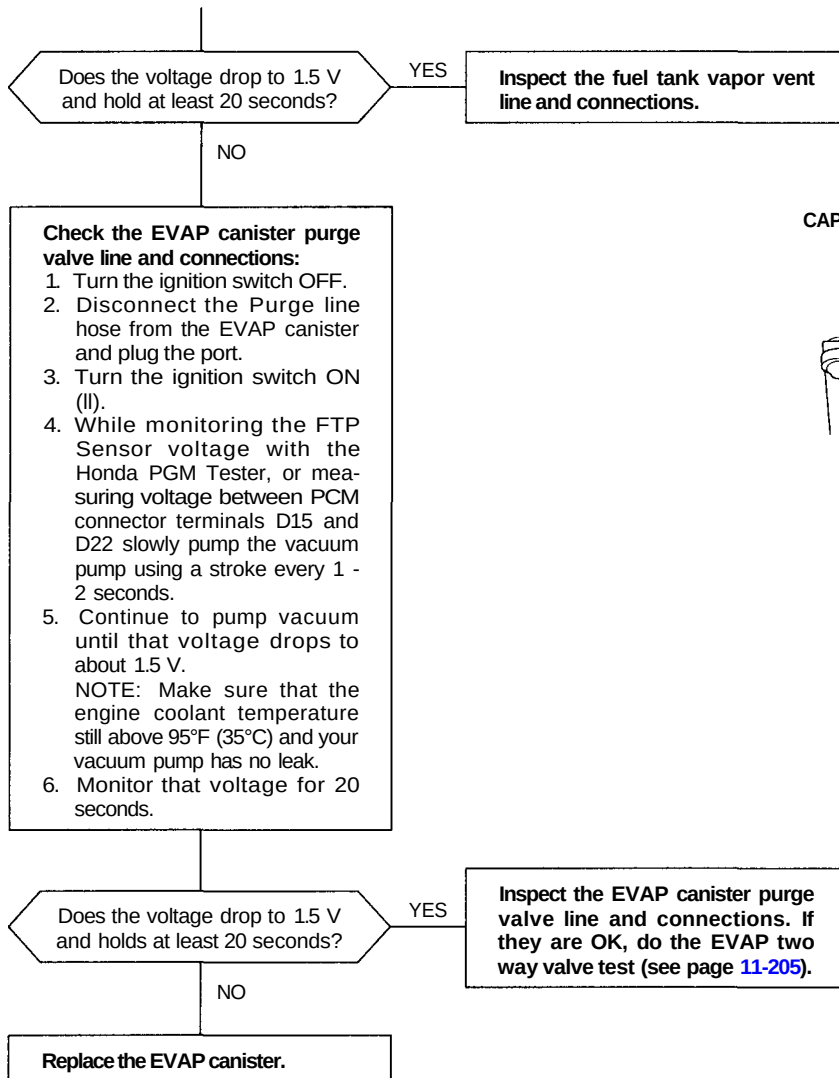
(cont'd)

(To page 11-200)

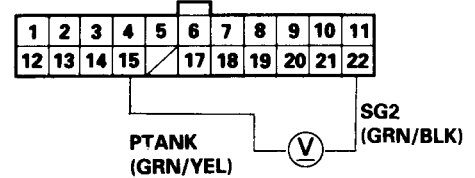
# Emission Control System

## Evaporative Emission (EVAP) Controls (cont'd)

(From page 11-197)



PCM CONNECTOR D (22P)



Wire side of female terminals