



EVAP control canister vent shut valve test.

Check the EVAP control canister vent shut valve:

1. Disconnect the vacuum hose from the EVAP three way valve, and connect a vacuum pump to the hose.
2. Turn the ignition switch ON (II).
3. Apply vacuum to the hose.

Does the valve hold vacuum?

NO

EVAP control canister vent shut valve is OK. Do the vacuum hoses and connections test (see page [11-186](#)).

YES

Check the EVAP control canister vent shut valve:

1. Turn the ignition switch OFF.
2. Disconnect the EVAP canister vent shut valve 2P connector.
3. Check for continuity between the EVAP control canister vent shut valve 2P connector terminal No. 2 and body ground.

Is there continuity?

NO

Replace the EVAP control canister vent shut valve and O-ring.

YES

Check for an short in the wire (VSV line):

1. Disconnect the PCM connector F (8P).
2. Check for continuity between the EVAP control canister vent shut valve 2P connector terminal No. 2 and body ground.

Is there continuity?

YES

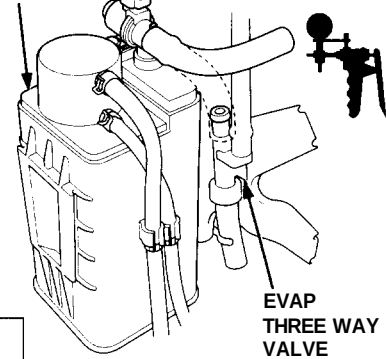
Repair short in the wire between PCM (F5) and EVAP control canister vent shut valve.

NO

Substitute a known-good PCM and recheck (see page [11-42](#) for immobilizer information). If symptom/indication goes away, replace the original PCM.

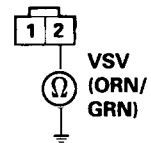
EVAP
CONTROL
CANISTER

VACUUM
PUMP/GAUGE, 0 - 30 in.Hg
[A973X - 041 - XXXXX](#)

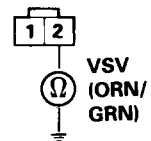


EVAP
THREE WAY
VALVE

EVAP CONTROL
CANISTER VENT SHUT
VALVE 2P CONNECTOR (C316)



Wire side of female terminals



(cont'd)