

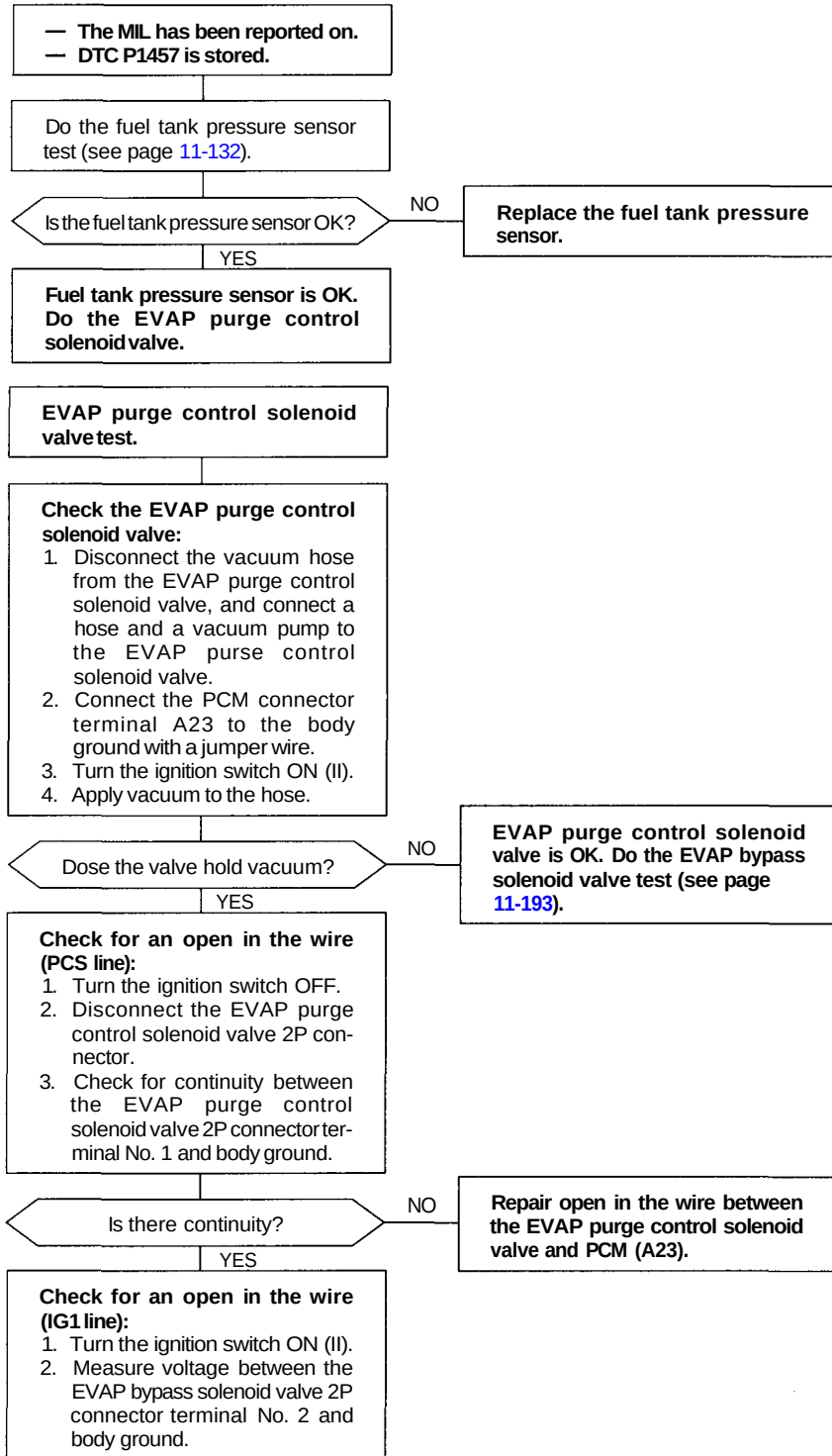
Emission Control System

Evaporative Emission (EVAP) Controls (cont'd)

P1457 The scan tool indicates Diagnostic Trouble Code (DTC) P1457: Evaporative Emission (EVAP) control system leak detected (EVAP control canister system).

'96 - 99 models:

Troubleshooting Flowchart



(To page 11-193)

PCM CONNECTOR A (26P)

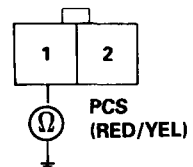
1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

PCS
(RED/YEL)

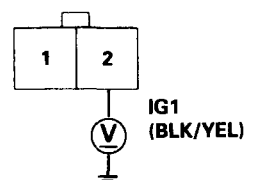
JUMPER
WIRE

Wire side of
female
terminals

EVAP PURGE CONTROL SOLENOID VALVE 2P CONNECTOR (C127)

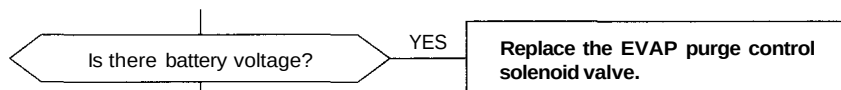


Wire side of
female
terminals





(From page 11-192)

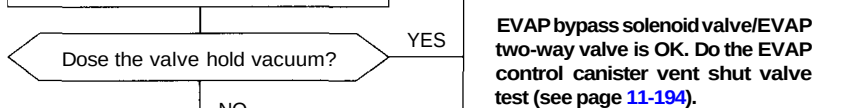


NO

Repair open in the wire between the EVAP purge control solenoid valve and No. 20 ECU (PCM) (20 A) fuse.

EVAP bypass solenoid valve test.**Check the EVAP bypass solenoid valve:**

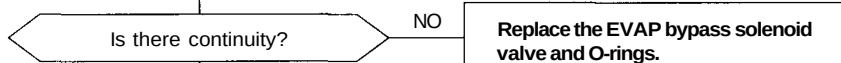
1. Disconnect the vacuum hose from the EVAP two way valve, and connect a vacuum pump to the hose.
2. Turn the ignition switch ON (II).
3. Apply vacuum to the hose.



NO

Check the EVAP bypass solenoid valve:

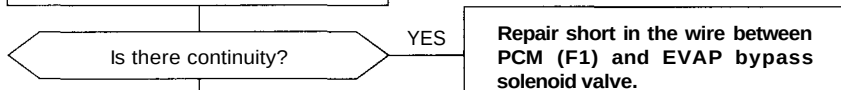
1. Turn the ignition switch OFF.
2. Disconnect the EVAP bypass solenoid valve 2P connector.
3. Check for continuity between the EVAP bypass solenoid valve 2P connector terminal No. 2 and body ground.



YES

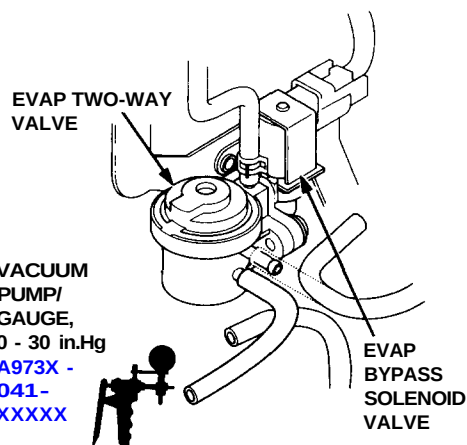
Check for a short in the wire (2WBS line):

1. Disconnect the ECM/PCM connector F (8P).
2. Check for continuity between the EVAP bypass solenoid valve 2P connector terminal No. 2 and body ground.

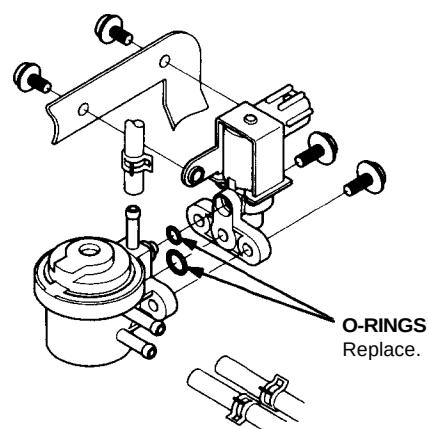
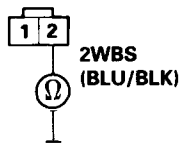
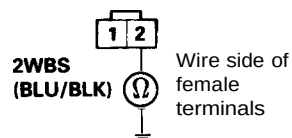


NO

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



EVAP BYPASS SOLENOID VALVE 2P CONNECTOR (C320)



(cont'd)