

**P0451**

('00 - 01 models) The scan tool indicates Diagnostic Trouble Code (DTC) P0451: The Fuel Tank Pressure (FTP) sensor circuit range/performance problem.

- The MIL has been reported on.
- DTC P0451 is stored.

Check for the fuel tank pressure sensor:

1. Do the PCM Reset Procedure.
2. Remove the fuel fill cap.
3. Turn the ignition switch ON (II).
4. Monitor the FTP Sensor voltage with the Honda PGM Tester, or measure voltage between PCM connector terminals D15 and D22.

Is there approx. 2.5 V?

NO

Check the vacuum lines for restriction or blockage repair as necessary. If OK, replace the fuel tank pressure sensor.

YES

Check for the fuel tank pressure sensor:

1. Disconnect the hose between the EVAP two way valve and the FTP sensor at the EVAP two way valve end.
2. Connect a vacuum pump to the open end of that hose.
3. Turn the ignition switch ON (II).
4. Monitor the FTP Sensor voltage with the Honda PGM Tester, or measure voltage between PCM connector terminals D15 and D22, and carefully apply vacuum on the hose one stroke at a time.
5. The voltage should smoothly drop from the starting approx. 2.5 V down to approx. 1.5 V. STOP applying vacuum when the voltage drops to approx. 1.5 V or damage to the FTP sensor may occur.

Does the voltage drop to approx. 1.5 V and hold?

NO

Replace the fuel tank pressure sensor.

YES

Intermittent failure, system is OK at this time. Check for poor connections or loose hose at fuel tank pressure sensor and fuel tank.

PCM CONNECTOR D (22P)

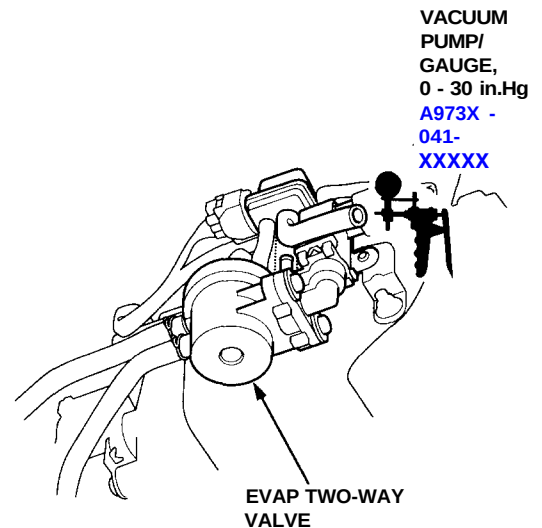
1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22

PTANK
(GRN/YEL)

SG2
(GRN/BLK)



Wire side of female terminals



(cont'd)