

EVAP Leak Monitor Description

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MONITOR SUMMARY

The ECM uses the vapor pressure sensor to detect malfunctions in the evaporative emissions (EVAP) system. This diagnostic checks the function of the EVAP VSV and VSV for vapor pressure sensor, and the integrity of these components and the fuel tank from the standpoint of fuel vapor emissions. When the VSV for vapor pressure sensor is closed, the ECM monitors the vapor pressure in the fuel tank. When it is open, the ECM monitors the vapor pressure in the charcoal canister.

In this diagnostic, the ECM switches the VSV for vapor pressure sensor closed so that it will monitor the vapor pressure in the fuel tank. It is normal for the vapor pressure in the tank to change over a period time. If the ECM detects very small change of the vapor pressures in a 20 minute interval, it interprets this as a malfunction (leak) in the EVAP system. The ECM will illuminate the MIL (2-trip detection logic) and set a DTC.

RELATED DTC

Related DTCs	P0440	EVAP leak
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MODEL YEAR CHART

Model Year	See Page
1996 to 2002	Ev-8