

Vapor Pressure Sensor

Ev001-01

Vapor Pressure Sensor Monitor Description

To return to Fuel Tank Pressure Monitor General Description, see page [Ev-5](#).

To return to Vacuum Monitor General Description, see page [Ev-43](#).

To return to Vacuum Monitor (LEV II) General Description, see page [Ev-74](#).

MONITOR SUMMARY

The ECM senses pressure in the fuel tank using the vapor pressure sensor. The ECM supplies the sensor with a regulated 5 V reference-voltage and the sensor returns a signal voltage between 0.5 V and 4.5 V according to the pressure level in the fuel tank.

When the pressure in the fuel tank is low, the output voltage of the vapor pressure sensor is low. When it is high, the output voltage is high.

If the output voltage of the vapor pressure sensor is out of the normal range, the ECM will determine that there is a malfunction in the sensor or sensor circuit. The ECM will illuminate the MIL (2-trip detection logic) and set a DTC.

RELATED DTC

Previous code:

Related DTCs	P0450	Vapor pressure sensor circuit is open/shorted
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Extended code:

Related DTCs	P0452	Vapor pressure sensor voltage is low
	P0453	Vapor pressure sensor voltage is high

MODEL YEAR CHART

Model Year	See Page
1996 to 2004	Ev-95