

Engine RPM Monitor General Description

MONITOR DTC TABLE

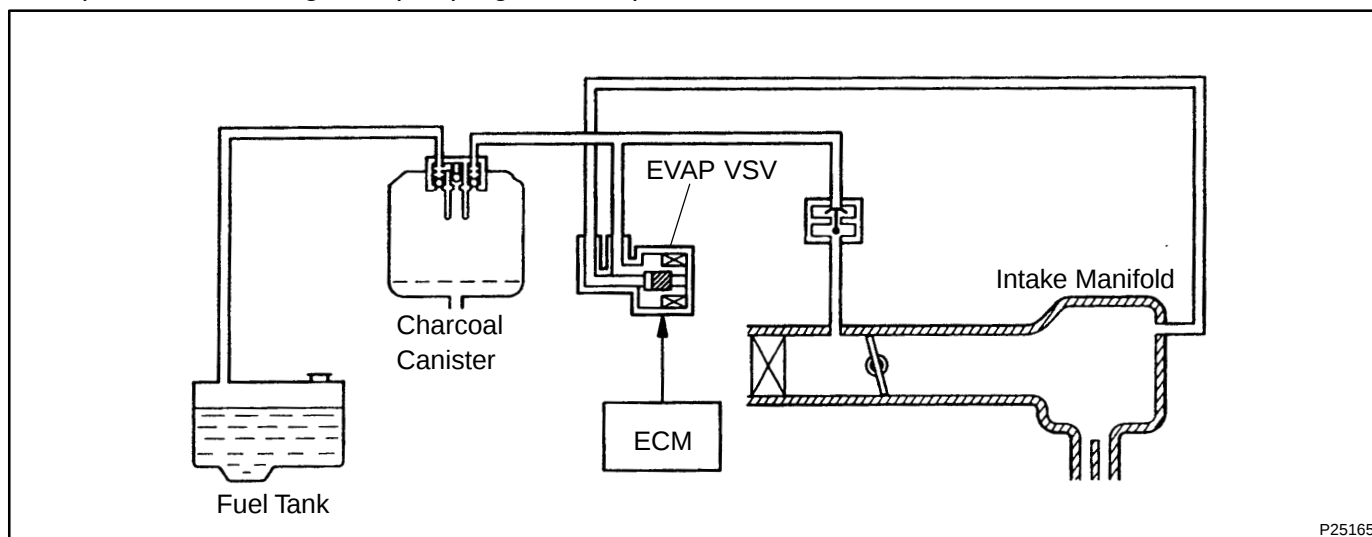
DTC	Document Title	See Page
P0441	EVAP VSV Monitor Description	Ev-3

NOTE:

Some DTCs may have different meanings from those listed above depending upon the EVAP Monitoring strategy. To identify which strategy is used on each model, refer to EVAP Monitor Summary (See page [Ev-1](#)).

GENERAL DESCRIPTION

The EVAP control system is a system which utilizes the intake manifold vacuum to draw the evaporative emissions into the intake manifold and mix then in with the intake air. The ECM controls a duty-cycle type VSV (vacuum switching valve) to purge the evaporative emissions from the charcoal canister.



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EVAP VSV Monitor (DTC P0441)

The ECM controls the opening and closing of the EVAP VSV (vacuum switching valve). When the EVAP VSV is opened, the engine speed and the air/fuel ratio should change. The ECM monitors both of the engine RPM and the air/fuel ratio for this EVAP system diagnostic test. If the ECM does not detect any change in the engine RPM or the air/fuel ratio when opening the EVAP VSV, the ECM will determine that there is a malfunction of the EVAP VSV and set a DTC.