

OCV for VVT Monitor Description

MONITOR SUMMARY

The variable valve timing (VVT) system includes the ECM, the oil control valve (OCV) and the VVT controller (actuator). The ECM sends “duty-cycle” control signals to the OCV. This electrical control signal, applied to the OCV, regulates the oil pressure supplied to the VVT controller (actuator).

The ECM monitors electrical resistances of the OCV, duty ratio to the OCV or electrical current of the OCV individually (depending on the vehicle model). If these values are outside the normal range, the ECM interprets it as a malfunction and sets a DTC.

RELATED DTC

Previous code:

Related DTCs	P1656 (Bank 1)	OCV for VVT circuit is open/shorted
	P1663 (Bank 2)	

Extended code:

Related DTCs	P0010 (Bank 1)	OCV for VVT circuit is open/shorted
	P0020 (Bank 2)	

MODEL YEAR CHART

Model Year	See Page
1998 to 2004	Co-14