

1998 to 2004 MY OCV for VVT Monitor (P0010, P0020, P1656, P1663)

To return to monitor description, see page [Co-13](#).

MONITOR STRATEGY

Required sensors/Components	Main	OCV for VVT
	Sub	None
Frequency of operation	Continuous	
Duration	1 sec.	
MIL operation	Immediate	
Sequence of operation	None	

TYPICAL ENABLING CONDITIONS

The monitor will run whenever the following DTCs are not present	See page In-39
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TYPICAL MALFUNCTION THRESHOLDS

Engine Family	Detection Criteria	Threshold
1998 – 2000 MY except 2ZZ-GE	OCV resistance when OCV operating	8 Ω or less
	OCV resistance when OCV not operating	100 k Ω or more
Others	Output duty ratio when target duty ratio is 80 % or less	100 %
	Output duty ratio	3 % or less

COMPONENT OPERATING RANGE

Parameter	Standard Value
OCV current	Between 0.33 and 2.7 A