

1996 to 1998 MY Sub-throttle Position Sensor Monitor (P1400)

To return to monitor description, see page [Ce-79](#).

MONITOR STRATEGY

Required sensors/Components	Main	Sub-throttle position sensor
	Sub	Idle switch
Frequency of operation	Continuous	
Duration	Within 10 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

Detection Criteria	Threshold
Sub-throttle position sensor voltage when throttle valve open (idle switch OFF)	Less than 0.1 to 0.25 V
Sub-throttle position sensor voltage	More than 4.9 V

COMPONENT OPERATING RANGE

Parameter	Standard Value
Sub-throttle position sensor voltage	Between 0.5 V and 4.5 V