

1996 to 1998 MY Sub-throttle Position Sensor Range/Performance Monitor (P1401)

To return to monitor description, see page [Ce-81](#).

MONITOR STRATEGY

Required sensors/Components	Main	Sub-throttle position sensor
	Sub	Throttle position sensor and Traction control system
Frequency of operation	Continuous	
Duration	Within 10 sec.	
MIL operation	2 driving cycles	
Sequence of operation	None	

TYPICAL ENABLING CONDITIONS

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

TYPICAL MALFUNCTION THRESHOLDS

2JZ-GE and 1UZ-FE

Detection Criteria	Threshold
Sub-throttle position sensor voltage when traction control operating	3.7 V or more
Sub-throttle position sensor voltage when traction control not operating	Less than 1.8 V

2JZ-GTE:

Detection Criteria	Threshold
Difference between sub-throttle angle and throttle angle	35° or more