

1996 to 2003 MY Throttle Position Sensor Range/Performance Monitor (P0121)

To return to monitor description, see page [Ce-32](#).

MONITOR STRATEGY

Required sensors/Components	Main	Throttle position sensor
	Sub	Vehicle speed sensor
Frequency of operation	Continuous	
Duration	Within 10 sec.	
MIL operation	2 driving cycles	
Sequence of operation	None	

TYPICAL ENABLING CONDITIONS

Item	Specification	
	Minimum	Maximum
The monitor will run whenever the following DTCs are not present	See page In-39	
Throttle position	Closed throttle position (idle switch ON)	
"Stop and go"	12 times	—

"Stop and go" is defined as follows:

"Stop" indicates a vehicle speed of less than 3 km/h (2 mph). "Go" indicates a vehicle speed of 40 km/h (25 mph) or more

TYPICAL MALFUNCTION THRESHOLDS

Detection Criteria	Threshold
Throttle angle at closed throttle position	22° to 26.2° or more
	Less than 5° to 7.4°

COMPONENT OPERATING RANGE

Parameter	Standard Value
Throttle angle at closed throttle position	Between 7.5° and 21°