

1998 to 2004 MY Throttle Motor Lock Monitor (P1128, P2111, P2112)

To return to monitor description, see page [Ce-75](#).

MONITOR STRATEGY

Required sensors/Components	Main	Throttle motor
	Sub	Throttle position sensor
Frequency of operation	Continuous	
Duration	0.5 sec.	
MIL operation	Immediate	
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	
Duty ratio to throttle motor	80 %	–
Throttle motor current	2 A	–

TYPICAL MALFUNCTION THRESHOLDS

Detection Criteria	Typical Enabling Condition
Case 1: Throttle motor stuck open	
Change amount of throttle position sensor voltage (when throttle motor open duty is 80 % or more)	Less than 0.1 V
Case 2: Throttle motor stuck closed	
Change amount of throttle position sensor voltage (when throttle motor closed duty is 80 % or more)	Less than 0.1 V