

1998 to 2003 MY Throttle Motor Clutch Monitor (P1126)

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MONITOR STRATEGY

Required sensors/Components	Main	Throttle motor clutch
	Sub	Accelerator pedal position sensor
Frequency of operation	Continuous	
Duration	Within 1.5 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
Included in the Typical Malfunction Thresholds	–

TYPICAL MALFUNCTION THRESHOLDS

Detection Criteria	Threshold
Case 1: Motor clutch circuit is open/shorted	
Clutch current when engagement motor clutch is ON	Less than 0.4 A (for 0.8 sec. or more)
	More than 1.4 A (for 0.8 sec. or more)
	Less than 0.8 A (for 1.5 sec. or more)
	More than 1.0 A (for 1.5 sec. or more)
Case 2: Motor clutch is stuck (since 2002 MY)	
Engagement motor clutch when ETCS malfunctioning	ON (for 0.1 sec. or more)
Change value of throttle position sensor voltage when accelerator pedal angle is 20° or more	0.05 V or less (for 0.032 sec.)