

1996 to 2001 MY EGR Flow Insufficient Monitor (P0400, P0401)

To return to monitor description, see page [Eg-48](#).

MONITOR STRATEGY

Required sensors/Components	Main	Vacuum sensor
	Sub	ECT sensor, Crankshaft position sensor, Throttle position sensor, Vehicle speed sensor, A/C switch, MAP sensor
Frequency of operation	Once per driving cycle	
Duration	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	
A/C switch	Not switched ON	
ECT	60°C (140°F)	–
Engine RPM	1,500 rpm	3,500 rpm
Intake manifold pressure	–	–200 mmHg (–26.66 kPa)
Throttle angle	9°	15°
	Constant	
Vehicle speed	Constant	

TYPICAL MALFUNCTION THRESHOLDS

Detection Criteria	Threshold
Intake manifold pressure change	Less than 7.3 mmHg (0.97 kPa) [M/T models]
	Less than 9.8 mmHg (1.31 kPa) [A/T models and CNG]

COMPONENT OPERATING RANGE

Parameter	Standard Value
Intake manifold pressure change when EGR valve opens	14.4 mmHg (1.91 kPa) or more

OBD MONITOR DRIVE PATTERNS

See page [In-13](#)

MODE 06 DATA (MONITOR RESULT)

- (a) Checking monitor status (See page [In-43](#))
- (b) Detecting Mode 06 data (See page [In-44](#))