

1997 MY EGR Flow Insufficient Monitor (P0401)

To return to monitor description, see page [Eg-39](#).

MONITOR STRATEGY

Required sensors/Components	Main	EGR gas temperature sensor
	Sub	ECT sensor, Crankshaft position sensor, Throttle position sensor, Vehicle speed sensor, A/C switch, IAT 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	
ECT	55°C (131°F)	–
Engine RPM	1,500 rpm	–
Intake air amount	0.4 g/rev.	1.9 g/rev.

TYPICAL MALFUNCTION THRESHOLDS

Detection Criteria	Threshold
EGR gas temperature	Less than IAT + 36°C (65°F) [LS400] Less than IAT + 46°C (83°F) [SC400]
EGR gas temperature change	Less than 8°C (14°F)

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](#))