

1997 to 2003 MY EGR Flow Excessive Monitor (P0402)

To return to monitor description, see page [Eg-11](#).

MONITOR STRATEGY

Required sensors/Components	Main	EGR lift sensor
	Sub	Crankshaft position sensor, ECT sensor, IAT sensor, Vehicle speed sensor and EGR valve
Frequency of operation	Once per driving cycle	
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	
Altitude	–	2,400 m (7,870 ft.)
Battery voltage	11 V	–
Engine RPM	Idle speed	
IAT	–10°C (14°F)	–
ECT	75°C (167°F)	–
Vehicle speed	–	0 km/h (0 mph)
Time after engine start	60 sec.	–
EGR valve	OFF	

TYPICAL MALFUNCTION THRESHOLDS

Detection Criteria	Threshold
EGR valve lift amount when EGR is OFF	2.6 mm (0.1 in.) or more
EGR valve lift change when EGR is ON	Less than 0.13 mm (0.005 in.) x 5 times

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](#))