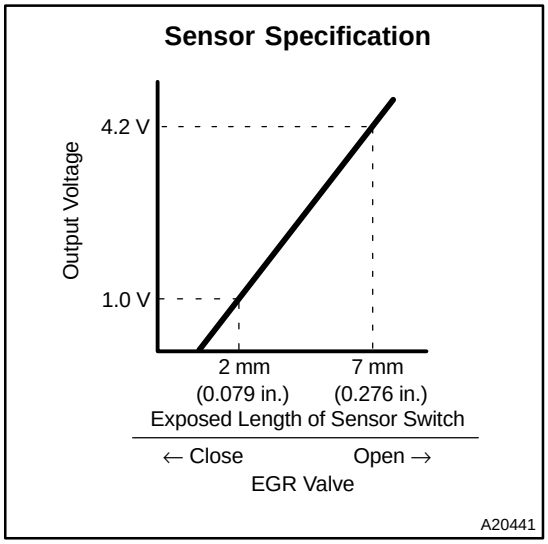
EGR Lift Sensor Monitor Description

To return to general description, see page Eg–6

MONITOR SUMMARY



If the engine control module (ECM) detects a malfunction in the circuit for the exhaust gas recirculation (EGR) lift sensor, it will illuminate the malfunction indicator lamp (MIL) and set a DTC. The EGR lift sensor detects how much the EGR valve opens. The ECM supplies 5 V to this sensor, which then varies the voltage between 1.0 V and 4.2 V according to how much the EGR valve opens. When the EGR valve is open, the output voltage of the EGR lift sensor is high. When it is closed, the output voltage is low. Based on the output voltages of this sensor, the ECM judges if this sensor has a malfunction or not. If the output voltage of this sensor is out of the normal range, the ECM will interprets this as a malfunction of the EGR lift sensor or circuit. The ECM will illuminate the MIL and set a DTC.

RELATED DTC

Previous code:

Related DTCs	P1410	EGR lift sensor circuit is open/shorted

Extended code (2003 MY 1MZ–FE Camry):

Related DTCs	P0405	EGR lift sensor circuit is open/shorted

Extended code (2003 MY 1MZ–FE Solara):

Related DTCs	P0405	EGR lift sensor is low output
	P0406	EGR lift sensor is high output

MODEL YEAR CHART

Model Year	See Page
1997 to 2003	Eg–3