

2000 MY A/F Sensor Heater Monitor (P1135, P1155)

To return to monitor description, see page [As-5](#).

MONITOR STRATEGY

Required sensors/Components	Main	A/F sensor heater
	Sub	Vehicle speed sensor
Frequency of operation	Continuous	
Duration	Within 120 sec.	
MIL operation	2 driving cycles	
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

Engine Family	Detection Criteria	Threshold	Typical Enabling Condition
Case 1: Heater current is low			
–	Heater current	Less than 0.25 A for 12 sec. (10 times)	Vehicle speed is 90 km/h (56 mph) or less
Case 2: Heater circuit is high			
• 1MZ-FE RX300 • 2RZ-FE and 3RZ-FE	Heater current	More than 2 A	None
Others		More than 8 A	

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](#))