EMISSION CONTROL

030GG–01

SERVICE DATA

1AZ–FE

Vacuum switching valve assy No. 1		
Resistance	at 20°C (68°F)	30 – 34 Ω
Oxygen sensor		
Resistance	1 (HT) – 2 (+B)	11 – 16 Ω at 20°C (68°F)
Resistance	1 (HT) – 4 (E1)	No continuity
Air fuel ratio sensor		
Resistance	1 (HT) – 2 (+B)	1.8 – 3.4 Ω at 20°C (68°F)
	1 (HT) – 2 (+B)	5.0 – 7.5 Ω at 500°C (932°F)
	1 (HT) – 4 (E1)	No continuity

2AZ–FE

Vacuum switching valve assy No. 1		
Resistance	at 20°C (68°F)	30 – 34 Ω
Oxygen sensor		
Resistance	1 (HT) – 2 (+B)	11 – 16 Ω at 20°C (68°F)
Resistance	1 (HT) – 4 (E1)	No continuity
Air fuel ratio sensor		
Resistance	1 (HT) – 2 (+B)	1.8 – 3.4 Ω at 20°C (68°F)
	1 (HT) – 2 (+B)	5.0 – 7.5 Ω at 500°C (932°F)
	1 (HT) – 4 (E1)	No continuity

1MZ–FE

VSV for EVAP		
Resistance	at 20 °C (68 °F)	27 – 33 Ω
Oxygen sensor		
Resistance	at 20 °C (68 °F)	11 – 16 Ω
A/F sensor		
Resistance	at 20 °C (68 °F)	0.8 – 1.4 Ω
	at 800 °C (1,472 °F)	1.8 – 3.2 Ω
EGR valve position sensor		
Resisrance	VC – E2	1.5 – 4.3 kΩ
Power source voltage	VC – E2	4.5 – 5.5 V
Power output voltage	EGLS – E2	
	at vacuum (17.3 kPa, 130 mmHg, 5.1 in.Hg)	3.2 – 5.1 V
	at no vacuum	0.4 – 1.6 V
EGR gas temperature sensor		
Resistance	at 20 °C (68 °F)	69.4 – 88.5 Ω
	at 100 °C (212 °F)	11.89 – 14.37 Ω
	at 150 °C (302 °F)	2.79 – 3.59 Ω
Vacuum switching valve No.1		
Resistance	at 20 °C (68 °F)	27 – 33 Ω