

SFI (1UZ-FE)

SERVICE DATA

SS0HW-03

Fuel pressure regulator	Fuel pressure at no vacuum	265 – 304 kPa (2.7 – 3.1 kgf/cm ² , 38 – 44 psi)
Fuel pump	Resistance at 20°C (68°F)	0.2 – 3.0 Ω
Injector	Resistance at 20°C (68°F) Injection volume Difference between each cylinder Fuel leakage	13.4 – 14.2 Ω 55 – 70 cm ³ (3.4 – 4.3 cu in.) per 15 sec. 10 cm ³ (0.6 cu in.) or less One drop or less per minute
MAF meter	Resistance (THA – E2) at –20°C (–4°F) at 0°C (32°F) at 20°C (68°F) at 40°C (104°F) at 60°C (140°F)	10 – 20 kΩ 4 – 7 kΩ 2 – 7 kΩ 0.9 – 1.3 kΩ 0.4 – 0.7 kΩ
Throttle body	Dashpot setting speed Throttle opener	2,500 rpm 1,200 ± 200 rpm
Throttle position sensor (main)	Clearance between stop screw and lever 0 mm (0 in.) 0.40 mm (0.016 in.) 0.65 mm (0.026 in.) Throttle valve fully open –	Terminal VTA1 – E2 IDL1 – E2 IDL1 – E2 VTA1 – E2 VC – E2 0.34 – 6.3 kΩ 0.5 kΩ or less Infinity 2.4 – 11.2 kΩ 3.1 – 7.2 kΩ
Sub-throttle position sensor (w/TRAC)	Clearance between stop screw and lever 0 mm (0 in.) 0.40 mm (0.016 in.) 0.65 mm (0.026 in.) Throttle valve fully open –	Terminal VTA2 – E2 IDL2 – E2 IDL2 – E2 VTA2 – E2 VC – E2 0.34 – 6.3 kΩ 0.5 kΩ or less Infinity 2.4 – 11.2 kΩ 3.1 – 7.2 kΩ
Sub-throttle actuator (w/TRAC)	Resistance (ACM – A and A–, BCM – B and B–) at 20°C (68°F)	0.8 – 1.0 Ω
IAC valve	Resistance (B1 – S1 and S3, B2 – S2 and S4) at cold at hot	31 – 61 Ω 38 – 71 Ω
VSV for fuel pressure control	Resistance at 20°C (68°F)	37 – 44 Ω
ECT sensor	Resistance at –20°C (–4°F) at 0°C (32°F) at 20°C (68°F) at 40°C (104°F) at 60°C (140°F) at 80°C (176°F)	10 – 20 kΩ 4 – 7 kΩ 2 – 7 kΩ 0.9 – 1.3 kΩ 0.4 – 0.7 kΩ 0.2 – 0.4 kΩ
EGR gas temp. sensor	Resistance at 50°C (122°F) at 100°C (212°F) at 150°C (302°F)	64 – 97 kΩ 11 – 16 kΩ 2 – 4 kΩ
Heated oxygen sensor (sensor 1)	Heater coil resistance at 20°C (68°F)	11 – 16 Ω
Heated oxygen sensor (sensor 2)	Heater coil resistance at 20°C (68°F)	11 – 16 Ω
Fuel cut rpm	Fuel return rpm	1,400 rpm