

SFI (2JZ-GE)

SERVICE DATA

SS0FK-08

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 Injection volume Difference between each cylinder Fuel leakage	13.4 – 14.2 Ω 70 – 88 cm ³ (4.3 – 5.4 cu in.) per 15 sec. 9 cm ³ (0.5 cu in.) or less 1 drop or less per 12 minutes
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) at 80°C (176°F)	10 – 20 kΩ 4 – 7 kΩ 2 – 3 kΩ 0.9 – 1.3 kΩ 0.4 – 0.7 kΩ 0.2 – 0.4 kΩ
Throttle body	Throttle body fully closed angle Throttle opener setting speed Dashpot setting speed M/T A/T	6° 1,500 ± 400 rpm 2,600 ± 400 rpm 1,800 ± 400 rpm
Throttle position sensor (main)	Clearance between stop screw and lever 0 mm (0 in.) 0.40 mm (0.016 in.) 0.60 mm (0.024 in.) Throttle valve fully open – Terminal VTA1 – E2 IDL1 – E2 IDL1 – E2 VTA1 – E2 VC – E2	Resistance 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.) 0.30 mm (0.012 in.) 0.50 mm (0.020 in.) Throttle valve fully opened position – Terminal VTA2 – E2 IDL2 – E2 IDL2 – E2 VTA2 – E2 VC – E2	Resistance 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)	0.5 – 1.0 Ω
IAC valve	Resistance (B1 – S1 and S3, B2 – S2 and S4) at cold at hot	15 – 25 Ω 20 – 30 Ω
VSV for ACIS	Resistance at 20°C (68°F)	38.5 – 44.5 Ω
VSV for fuel pressure control	Resistance at 20°C (68°F)	33 – 39 Ω
VSV for EVAP	Resistance at 20°C (68°F)	27 – 33 Ω
VSV for EGR	Resistance at 20°C (68°F)	38.5 – 44.5 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 – 3 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

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Heated oxygen sensor	Heater coil resistance at 20° C (68° F)	11 – 16 Ω
Fuel cut rpm	Fuel return rpm	1,400 rpm