

SFI

SERVICE DATA

SS1ES-01

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 69 – 88 cm ³ (4.2 – 5.4 cu in.) per 15 sec. 5 cm ³ (0.3 cu in.) or less 1 drop or less per 12 min.
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 Dashpot setting speed Throttle opener setting speed	6° 2,200 ± 300 rpm 700 – 1,000 rpm
Throttle position sensor	Clearance between stop screw and lever 0 mm (0 in.) VTA – E2 0.50 mm (0.020 in.) IDL – E2 0.75 mm (0.030 in.) IDL – E2 Throttle valve fully open VTA – E2 – VC – E2	0.2 – 5.7 kΩ 2.3 kΩ or less Infinity 2.0 – 10.2 kΩ 2.5 – 5.9 kΩ
IAC valve	Resistance (B1 – S1 and S3, B2 – S2 and S4) at cold (–10 – 50 °C (–50 – 122°F)) at hot (50 – 100°C (122 – 212°F))	15 – 25 Ω 20 – 30 Ω
Fuel pump resistor	Resistance at 20°C (68°F)	0.70 – 0.76 Ω
VSV for fuel pressure control	Resistance at 20°C (68°F)	37 – 44 Ω
ECT sensor	Resistance at –20°C (–4°F) 0°C (32°F) 20°C (68°F) 40°C (104°F) 60°C (140°F) 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) 150°C (302°F)	64 – 97 kΩ 11 – 16 kΩ 2 – 4 kΩ
Heated oxygen sensor	Heater coil resistance at 20°C (68°F)	11 – 16 Ω
Fuel cut rpm	Fuel return rpm	1,200 rpm