SFI

SERVICE DATA

SS1ES–02

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	at 20°C (68°F)	13.4 – 14.2 Ω 69 – 88 cm^3 (4.2 – 5.4 cu in.) per 15 seconds 5 cm^3 (0.3 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 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.) 0.50 mm (0.020 in.) 0.75 mm (0.030 in.) Throttle valve fully open –	Terminal VTA – E2 IDL – E2 IDL – E2 VTA – E2 VC – E2	Resistance 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 at hot	15 – 25 Ω 20 – 30 Ω
Fuel pump resister	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 temperature 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 (bank 1 sensor 1, 2)	Heater coil resistance	at 20°C (68°F)	11 – 16 Ω
Fuel cut rpm	Fuel return rpm		1,200 rpm