

SFI (5VZ-FE)

SERVICE DATA

SS00U-14

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	Approx. 13.8 Ω 56 – 69 cm ³ (3.4 – 4.2 cu in.) per 15 sec. 1.3 cm ³ (0.08 cu in.) or less 1 drop or less per 12 minutes
MAF meter	Resistance (THA – E2) at –20°C (–4°F) at 20°C (68°F) at 60°C (140°F)	13.6 – 18.4 kΩ 2.2 – 2.7 kΩ 0.5 – 0.7 kΩ
Throttle body (w/o ETCS-i)	Throttle valve fully closed angle DP setting speed (M/T) Throttle opener setting speed	10° 1,800 – 2,200 rpm 900 – 1,950 rpm
Throttle position sensor (w/ ETCS-i)	Resistance (VC – E2) at 20°C (68°F)	1.2 – 3.2 kΩ
Throttle position sensor (w/o ETCS-i)	Clearance between stop screw and lever 0 mm (0 in.) Throttle valve fully open	VTA – E2 VTA – E2 VC – E2 0.28 – 6.4 kΩ 2.0 – 11.6 kΩ 2.7 – 7.7 kΩ
Throttle control motor (w/ ETCS-i)	Resistance Motor resistance(M+ – M–) Clutch resistance (CL+ – CL–)	at 20°C (68°F) at 20°C (68°F) 0.3 – 300 Ω 4.2 – 5.2 Ω
Accelerator pedal position sensor (w/ ETCS-i)	Resistance(VC – E2) at 20°C (68°F)	1.2 – 3.2 kΩ
IAC valve (w/o ETCS-i)	Resistance (+B – RSO or RSC) at cold at hot	17.0 – 24.5 Ω 21.5 – 28.5 Ω
VSV for EVAP	Resistance at 20°C (68°F)	30 – 34 Ω
VSV for CCV	Resistance at 20°C (68°F) at 120°C (248°F)	25 – 30 Ω 33 – 42 Ω
VSV for pressure switching valve	Resistance at 20°C (68°F)	30 – 36 Ω
VSV for vapor pressure sensor	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 – 3 kΩ 0.9 – 1.3 kΩ 0.4 – 0.7 kΩ 0.2 – 0.4 kΩ
Heated oxygen sensor	Heater resistance at 20°C (68°F)	11 – 16 Ω
Vapor pressure sensor	Voltage(VC – E2)	4.5 – 5.5 V
Fuel cut rpm	Fuel return rpm M/T A/T	1,000 rpm 1,200 rpm