

# ELECTRONIC FUEL INJECTION (2JZ-GE)

SS0FK-13

## SERVICE DATA

Fuel pressure regulator	Fuel pressure	304 – 343 kPa (3.1 – 3.5 kgf/cm <sup>2</sup> , 44 – 50 psi)
Fuel pump	Resistance at 20°C (68°F)	0.2 – 3.0 Ω
Injector	Resistance at 20°C (68°F)	13.4 – 14.2 Ω
	Injection volume	60 – 73 cm <sup>3</sup> (3.7 – 4.5 cu in.) per 15 sec.
	Difference between each cylinder	13 cm <sup>3</sup> (0.8 cu in.) or less
	Fuel leakage	1 drop or less per 12 minutes
MAF meter	Resistance (THA – E2) at –20°C (–4°F)	13.6 – 18.4kΩ
	at 20°C (68°F)	2.21 – 2.69 kΩ
	at 60°C (140°F)	0.49 – 0.67 kΩ
Throttle body	Throttle body fully closed angle	3.5°
Throttle control motor	Motor (M+ – M–) at 20°C (68°F)	0.3 – 100 Ω
	Clutch (CL+ – CL–) at 20°C (68°F)	4.2 – 5.2 Ω
Throttle position sensor	Resistance (VC – E2) at 20°C (68°F)	1.2 – 3.2 kΩ
	Throttle valve opening percentage STD	14.8 ± 0.8 %
Accelerator pedal position sensor	Resistance (VC – E2) at 20°C (68°F)	1.2 – 3.2 kΩ
	Accelerator pedal position voltage STD	0.3 – 0.9 V
Camshaft timing oil control valve	Resistance at 20°C (68°F)	5.5 – 12 Ω
Fuel pump resistor	Resistance at 20°C (68°F)	0.30 – 0.35 Ω
VSV for EVAP	Resistance at 20°C (68°F)	27 – 33 Ω
VSV for acoustic control induction system (ACIS)	Resistance at 20°C (68°F)	38.5 – 44.5 Ω
Water temperature sensor	Resistance at –20°C (–4°F)	10 – 20 kΩ
	0°C (32°F)	4 – 7 kΩ
	20°C (68°F)	2 – 3 kΩ
	40°C (104°F)	0.9 – 1.3 kΩ
	60°C (140°F)	0.4 – 0.7 kΩ
	80°C (176°F)	0.2 – 0.4 kΩ
Heated oxygen sensor	Heater coil resistance at 20°C (68°F)	11 – 16 Ω
Fuel cut rpm	Fuel return rpm	1,000 rpm