

# ELECTRONIC FUEL INJECTION

SS12M-01

## SERVICE DATA

Fuel pressure regulator	Fuel pressure at no vacuum	285 kPa (2.9 kgf/cm <sup>2</sup> , 41 psi)
Injector	Resistance Injection volume Difference between each cylinder Fuel leakage	at 20°C (68°F) 13.4 – 14.2 Ω 60 – 73 cm <sup>3</sup> (3.7 – 4.5 cu in.) per 15 seconds 13 cm <sup>3</sup> (0.8 cu in.) or less 1 drop or less per 12 minutes
Air flow meter	Resistance (THA – E2)	at –20°C (–4°F) 10 – 20 kΩ at 0°C (32°F) 4 – 7 kΩ at 20°C (68°F) 2 – 3 kΩ at 40°C (104°F) 0.9 – 1.3 kΩ at 60°C (140°F) 0.4 – 0.7 kΩ
Throttle position sensor	Resistance (VC – E2)	at 20°C (68°F) 3.1 – 7.2 kΩ
Throttle control motor	Motor resistance	at 20°C (68°F) 0.3 – 100 Ω
Camshaft timing oil control valve	Resistance	at 20°C (68°F) 5.5 – 12 Ω
Fuel pump resistor	Resistance	at 20°C (68°F) 0.71 – 0.75 Ω
VSV	Resistance	at 20°C (68°F) 33 – 39 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
Variable resistor	Power source voltage Resistance	4.5 – 5.5 V at 20°C (68°F) 4 – 6 kΩ
Oxygen sensor	Resistance	at 20°C (68°F) 11 – 16 Ω
VVT Sensor	Resistance	at Cold 835 – 1,400 Ω at Hot 1,060 – 1,645 Ω
Fuel cut rpm	Fuel return rpm	1,400 rpm