ELECTRONIC CONTROL DIESEL

SERVICE DATA

SS0JR–02

Throttle full switch	Continuity	Fully closed Fully open	No continuity Continuity
Throttle control motor	Resistance	at 20°C (68°F)	18 – 22 Ω
Timing control valve	Resistance	at 20°C (68°F)	10 – 14 Ω
Spill control valve	Resistance	at 20°C (68°F)	1 – 2 Ω
E–VRV for EGR	Resistance	at 20°C (68°F)	46 – 50 Ω
Water temperature 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 – 1.4 kΩ 0.4 – 0.7 kΩ 0.2 – 0.4 kΩ
Fuel temperature 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
Intake air temperature 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
Turbo pressure sensor	Power source voltage		4.75 – 5.25 V
Engine speed sensor	Resistance	at 20°C (68°F)	205 – 255 Ω
Crankshaft position sensor	Resistance	at Cold at Hot	19 – 32 Ω 24 – 37 Ω
Accelerator pedal closed position sensor	Continuity Fully open	Fully closed	No continuity Continuity (0 – 20 Ω)