

# TURBOCHARGING

## SERVICE DATA

SS0ZG-01

Turbocharger	Turbocharging pressure	1HD-T	38.6 – 50.0 kPa (0.38 – 0.49 kgf/cm <sup>2</sup> , 5.4 – 7.0 psi)
		1HD-FTE	50.0 – 70.0 kPa (0.49 – 0.69 kgf/cm <sup>2</sup> , 7.0 – 9.8 psi)
	Turbine wheel axial play	Maximum	0.11 mm (0.0043 in.) or less
	Turbine wheel radial play	Maximum 1HD-T	0.16 mm (0.0063 in.)
		1HD-FTE	0.14 mm (0.0055 in.)
	Actuator push rod stroke	1HD-T	1.20 – 1.70 mm (0.0472 – 0.0669 in.)
		1HD-FTE	0.72 – 1.22 mm (0.0283 – 0.0480 in.)
Turbo pressure sensor	Voltage		4.75 – 5.5 V
VSV for turbocharging pressure control	Resistance	At 20°C (68°F)	37 – 44 Ω