INTAKE

SERVICE DATA

031EE–02

1KD–FTV:

Turbocharger		
Standard pressure	Maximum engine speed (4500 to 4700 rpm)	110 kPa (1.1 kgf/cm^2, 15.6 psi) or more at sea level
Turbo pressure sensor		
Voltage	VC – E2	4.5 to 5.5 V
Voltage drop	13.3 kPa (100 mmHg, 3.94 in.Hg)	0.1 to 0.3 V
	26.7 kPa (200 mmHg, 7.87 in.Hg)	0.3 to 0.5 V
	40.0 kPa (300 mmHg, 11.81 in.Hg)	0.5 to 0.7 V
Voltage up	19.6 kPa (0.20 kgf/cm^2, 2.84 psi)	0.1 to 0.4 V
	39.2 kPa (0.40 kgf/cm^2, 5.69 psi)	0.4 to 0.7 V
	58.8 kPa (0.60 kgf/cm^2, 8.53 psi)	0.7 to 1.0 V
	78.5 kPa (0.80 kgf/cm^2, 11.4 psi)	1.0 to 1.3 V
	98.0 kPa (1.00 kgf/cm^2, 14.2 psi)	1.3 to 1.6 V
Vacuum switching valve		
Resistance	at 20 °C (68 °F)	33 to 39 Ω
Turbo motor driver		
Standard voltage	6 – 8	11 to 14 V