

2TR-FE EMISSION CONTROL

SERVICE DATA

Duty vacuum switching valve	Resistance	1 - 2	26 to 30 Ω at 20°C (68°F)
		1 - Body	10 M Ω or higher
		2 - Body	10 M Ω or higher
Air fuel ratio sensor	Resistance	1 (HT) - 2 (+B)	1.8 to 3.4 Ω at 20°C (68°F)
		1 (HT) - 4 (AF-)	10 k Ω or higher
Heated oxygen sensor	Resistance	1 (HT) - 2 (+B)	11 to 16 Ω at 20°C (68°F)
		1 (HT) - 4 (E)	10 k Ω or higher
Pressure sensor	Voltage	VC - E2	4.5 to 5.5 V
Air switching valve assembly	Resistance	1 - 2	4.5 to 5.5 Ω at 20°C (68°F)
Air pump assembly	Resistance	1 - 2	0.4 to 1.0 Ω at 20°C (68°F)

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TORQUE SPECIFICATIONS

Part Tightened	N*m	kgf*cm	ft.*lbf
Air fuel ratio sensor x Exhaust pipe assembly front	44	449	33
Battery x Battery negative terminal	3.9	40	35 in.*lbf
Heated oxygen sensor x Exhaust pipe assembly tail	44	449	33
Air pump assembly x Body	18	184	13
Washer jar assembly x Body	6	56	49 in.*lbf
Air switching valve assembly x Cylinder head sub-assembly	20	204	15
Intake pipe insulator x Air switching valve assembly	20	204	15
Intake pipe insulator x Cylinder head sub-assembly	20	204	15
Exhaust manifold heat insulator No. 1 x Exhaust manifold	12	122	9
Charcoal canister x Body	20	204	15
Charcoal canister filter No. 2 x Body	20	204	15

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