031D9–03

TORQUE SPECIFICATION

2TR–FE:

Part Tightened	N·m	kgf·cm	ft·lbf
Throttle body assy x Intake manifold	9.0	92	80 in.·lbf
Intake air connector x Cylinder head cover	8.0	82	71 in.·lbf
Intake air connector clamp bolts	5.0	51	44 in.·lbf
Knock sensor x Cylinder block sub–assy	20	204	15
Intake manifold x Cylinder head sub–assy	25	255	18
Wire harness bracket x Intake manifold	8.0	82	71 in.·lbf
ECM x Body	13	133	10
Accelerator pedal rod assy x Floor	5.0	51	44 in.·lbf

1GR–FE:

Part Tightened	N·m	kgf·cm	ft·lbf
Knock sensor x Cylinder block sub–assy	20	204	15
Water outlet pipe No.1 x Cylinder head sub–assy	10	102	7

1KD–FTV:

Part Tightened		N·m	kgf·cm	ft·lbf
ECM x Body		13	133	10
Accelerator pedal rod assy x Body		5.0	51	44 in.·lbf
Diesel throttle body x Electric EGR control valve assy		20	204	15
Vacuum switching valve assy x Diesel throttle body		8.0	82	71 in.·lbf
Intercooler assy x Cylinder head	Bolt A	20	204	15
	Bolt B and C	12	122	9.0
Intercooler assy x Intake air connector		10	102	7.0
Intercooler protector x Intarcooler assy		6.0	61	53 in.·lbf