03168–01

TORQUE SPECIFICATION

3RZ–FE:

Part Tightened		N·m	kgf·cm	ft·lbf
EGR control valve x Cylinder head		19	195	14
EGR pipe sub–assy No. 1 x Cylinder head	Bolt	18	185	13
	Nut A	19	195	14
	Nut B	20	200	15

1KZ–TE:

Part Tightened		N·m	kgf·cm	ft·lbf
EGR control valve x Cylinder head		20	200	14
EGR pipe sub–assy x Cylinder head	Bolt and nut	19	195	14
EGR pipe sub–assy x EGR control valve	Union nut	120	1,200	84

1KD–FTV:

Part Tightened	N·m	kgf·cm	ft·lbf
EGR pipe x Diesel throttle body	20	204	15
EGR pipe x Cylinder head	13	133	10
Diesel throttle body x Intake manifold	20	204	15
Vacuum switching valve assy No. 1 x Diesel throttle body	8.0	82	71 in.·lbf
Injection pipe clamp No. 3 x Injection pipe No. 2	5.0	51	44 in.·lbf
Vane pump oil reservoir x Timing gear case assy and Intake manifold	18	184	13