031DB–03

TORQUE SPECIFICATION

2TR–FE:

Part Tightened		N·m	kgf·cm	ft·lbf
Fuel delivery pipe sub–assy x Cylinder head sub–assy		12	122	9
Fuel pressure regulator assy x Fuel delivery pipe sub–assy		8.5	87	75 in.·lbf
Fuel pulsation damper assy x Fuel delivery pipe sub–assy		8.5	87	75 in.·lbf
EFI Fuel filter x Body		7.0	71	62 in.·lbf
Fuel tank plug x Fuel tank	3 door fuel tank 5 door fuel sub tank	6.5	66	57
Fuel tank to canister tube x Fuel tank	3 door fuel tank 5 door fuel sub tank	1.5	15	13
Fuel tank filler pipe x Fuel tank	3 door fuel tank 5 door fuel sub tank	3.0	31	27
Fuel suction tube w/ pump x Fuel tank	3 door fuel tank	3.5	36	31
Fuel sender gage x Fuel tank	3 door fuel tank 5 door fuel sub tank	1.5	15	13
Fuel tank vent tube x Fuel tank	5 door fuel sub tank	3.5	36	31
Fuel tank x Body		40	408	30
Fuel tank protector sub–assy No.1 x Body	3 door fuel tank 5 door single tank	20	204	15
Fuel tank protector sub–assy No.2 x Body	5 door fuel sub tank	20	204	15

1KD–FTV:

Part Tightened		N·m	kgf·cm	ft·lbf
Fuel tank plug x Fuel tank	5 door	6.5	66	57
Fuel tank to canister tube x Fuel tank	5 door	1.5	15	13
Fuel tank filler pipe x Fuel tank	5 door	3.0	31	27
Fuel tank vent tube x Fuel tank	5 door	3.5	36	31
Fuel sender gage x Fuel tank	5 door	1.5	15	13
Fuel tank x Body		40	408	30
Fuel tank protector sub–assy No.1 x Body		20	204	15
Fuel filter assy x Body		18	178	13
Nozzle holder clamp x Cylinder head		22	220	16
Nozzle leakage pipe x Injector assy	Hollow screw Union bolt	16 13	163 128	12 9.0
Nozzle leakage pipe assy No.2 x Cylinder head	SST	21	214	16
Cylinder head x Cylinder head cover		9.0	92	80 in.·lbf
Injection pipe No. 2 x Injection pipe clamp No.2 and No.3		5.0	51	44 in.·lbf
Injection pipe x Injection assy and common rail	 for use with SST	35 32	357 326	26 24
Injection pipe x Injection pipe clamp No.1		5.0	51	44 in.·lbf
E–VRV w/ bracket x Intake manifold		39	398	29
Intercooler protector x Intarcooler assy		7.0	71	62 in.·lbf
Nozzle leakage pipe assy No. 2 x Common rail and Cylinder head	 Check valve Union bolt Bolt	 21 13 13	 214 129 129	 16 9.0 9.0
Fuel inlet pipe x Common rail and Supply pump	 for use with SST	35 32	357 326	26 24
Supply pump x Supply gear set nut		64	653	47
Supply pump stay x Supply pump and Cylinder block		21	214	16

Part Tightened	N·m	kgf·cm	ft·lbf
Common rail assy x Cylinder block	38	387	28
Pump drive shaft x Supply pump	31	316	23
Timing belt No.1 cover x Timing belt No.2 cover	6.0	61	53 in.·lbf
Fanshroud x Radiator assy	5.0	51	44 in.·lbf
Fan w/ fluid coupling x Water pump assy	18	184	13
Radiator reserve tank x Radiator assy and Fanshroud	5.0	51	44 in.·lbf
Engine under cover assy rear x Frame assy	29	296	21
Engine under cover sub–assy No.1 x Frame assy	29	296	21