0316K–01

TORQUE SPECIFICATION

3RZ–FE:

Part Tightened	N·m	kgf·cm	ft·lbf
Starter assy x Transmission housing (A/T) or Clutch housing (M/T)	39	400	29
Engine wire No. 2 x Starter assy	8.8	90	78 in.·lbf
Generator assy x Generator bracket No. 1	59	600	43
Generator assy x Fan belt adjusting bar	29	300	21
Engine wire x Generator assy	9.8	100	7
Engine under cover sub–assy No. 1 x Frame assy	29	296	21
Lead wire x Terminal C of starter	10	102	7.4

5L–E:

Part tightened	N·m	kgf·cm	ft·lbf
Starter assy x Transmission	69	700	51
Starter cable x Starter assy	9.8	100	7
Vacuum pump x Generator	7.8	80	69 in.·lbf
Union bolt (oil inlet hose) x Vacuum pump	14	140	10
+B terminal nut x Generator	9.8	100	7
Fan belt adjusting bar x Cylinder block	45	460	33
Glow plug assy x Cylinder head	13	130	10
Glow plug No.1 connector x Glow plug assy	1	10	9 in.·lbf
Lead wire of field coil x Terminal C	5.9	60	52 in.·lbf

1KZ–TE:

Part Tightened		N·m	kgf·cm	ft·lbf
Glow plug assy x Cylinder head		13	130	10
Starter assy x Transmission		68	694	49
Starter wire x Starter assy		8.8	90	78 in.·lbf
Engine under cover assy rear x Body		29	300	21
Generator assy	Bolt A	62	632	46
	Bolt B	21	210	15
Generator wire x Generator assy		9.8	100	72 in.·lbf
Lead wire of field coil x Terminal C	2.2 kW type	5.9	60	52 in.·lbf
	2.7 kW type	24	245	18
	3.0 kW type	24	245	18

1KD–FTV:

Part Tightened		N·m	kgf·cm	ft·lbf
Lead wire of field coil x Terminal C	2.2 kW type	5.9	60	52 in.·lbf
	2.7 kW type	24	245	18
	3.0 kW type	24	245	18
Starter assy x Transmission		68	694	49
Starter assy x Terminal 30				
	2.2 kw	9.8	100	7.0
	2.7 and 3.0 kw	21	214	16
Engine under cover assy rear x Frame assy		29	296	21
Generator assy x Compressor mounting bracket		62	632	46
Generator assy x Generator bracket		21	214	16
Fan w/ fluid coupling assy x Water pump		18	184	13
Fan shroud x Radiator assy		5.0	51	44 in.·lbf
Radiator reserve tank x Radiator assy		5.0	51	44 in.·lbf
Intercooler protector x Intarcooler assy		6.0	61	53 in.·lbf
Engine under cover sub–assy No. 1 x Frame assy		29	296	21
Glow plug assy x Cylinder read		13	133	10

Part Tightened	N·m	kgf·cm	ft·lbf
Glow plug assy x Glow plug connector	2.2	22	19 in.·lbf
Glow plug connector x Wire harness	2.6	27	23 in.·lbf