030YC–07

TORQUE SPECIFICATION

14B

Part tightened		N·m	kgf·cm	ft·lbf
Fuel filter assembly x Body		18	183	13
Nozzle holder and nozzle set x Cylinder head		18	185	13
Nozzle leakage pipe assy x Nozzle holder and nozzle set		25	255	18
Injection pipe clamp x Injection pipe set		7.5	76	66 in.·lbf
Injection pump assy x Timing gear case sub assy		18.5	189	14
Pump stay x Injection pump assy		18.5	189	14
Pump stay x Cylinder block sub assy		37.5	382	28
Fuel filter to injection pump fuel pipe x Injection pump assy		26.55	260	19
Nozzle leakage pipe assy No. 2 x Injection pump assy		26.55	260	19
Injection pump assy x Timing gear case		18.5	189	14
Injection pump stay x Injection pump assy		18.5	189	14
Injection pump stay x Cylinder block		37.5	382	28
Injection pipe x Nozzle holder and nozzle set		25	255	18
Injection pipe x Injection pump assy		25	255	18
Fuel inlet hollow screw x Injection pump body		36.8	375	27
Regulator valve sub–assy x Injection pump body		8.85	90	78 in.·lbf
Fuel feed pump cover x Injection pump body		2.95	30	26 in.·lbf
Timer cover x Injection pump body		8.35	85	74 in.·lbf
Timer adjusting screw x LH timer cover		14.2	145	10
Governor link x Injection pump body		13.75	140	10
Distributive head x Injection pump body		11.75	120	9
Delivery valve holder x Distributive head		58.85	600	43
Distributive head plug x Distributive head		88.3	900	65
Governor cover sub–assy x Injection pump body		8.35	85	74 in.·lbf
Bolt for control lever support pin x Governor cover sub–assy	w/ HAC	6.35	70	61 in.·lbf
Bolt for lever connecting pin x Governor cover sub–assy	w/ HAC	12.75	125	9
Pneumatic bellows cover x Governor cover sub–assy	w/ HAC	7.35	75	65 in.·lbf
Adjusting lever x Governor cover sub–assy		8.35	85	74 in.·lbf
Engine speed sensor x Injection pump body		22.1	225	16
Fuel cut solenoid x Distributive head		20.6	210	15
Lead wire x Fuel cut solenoid		1.7	17.5	15 in.·lbf
Dash pot x Governor cover sub–assy		11	115	8
Fuel pipe clamp x Injection pump body		21.55	220	16
Spline shaft x Injection pump drive shaft		84.3	860	62
Fuel sender gauge connector x Fuel tank sub–assy		1.5	15	13 in.·lbf

15B–FTE

Part tightened	N·m	kgf·cm	ft·lbf
Fuel filter assembly x Body	18	183	13
Nozzle holder and nozzle set x Cylinder head	21	210	15
Nozzle leakage pipe assy x Nozzle holder and nozzle set	12	125	9
Injection pipe clamp x Injection pipe set	7.5	76	66 in.·lbf
Injection pump assy x Timing gear case sub assy	18.5	189	14

Pump stay x Injection pump assy	18.5	189	14
Pump stay x Cylinder block sub assy	37.5	382	28
Injection pump assy x Timing gear case	18.5	189	14
Injection pump stay x Injection pump assy	18.5	189	14
Injection pump stay x Cylinder block	37.5	382	28
Injection pipe x Nozzle holder and nozzle set	25	255	18
Injection pipe x Injection pump assy	25	255	18
Cap nut x Injection pump assy	137	1,400	101
Fuel temperature sensor x Injection pump assy	21.6	220	16
Swivel nipple (Inlet) x Injection pump assy	24.5	250	18
Swivel nipple (Outlet) x Injection pump assy	22.1	225	16
Idle–up bracket x Injection pump assy	13.3	136	10
Fuel sender gauge connector x Fuel tank sub–assy	1.5	15	13 in.·lbf

S05C–B

Part tightened	N·m	kgf·cm	ft·lbf
Diesel fuel filter assy x Intake manifold	55	561	40
Fuel pipe x Diesel fuel filter assy	24.5	250	18
Nozzle holdr and nozzle set x Cylinder head	25	250	18
Nozzle leakage pipe No. 1 x Injector	12.3	125	9
Injection pipe set x Injector	34	350	25
Injection pump x Injection pump bracket	22.1	225	16
Coupling bolt	61.3	625	45
Cotter bolt	90.7	925	67
Fuel tank bent tube x Fuel tank sub–assy	5.0	50	44 in.·lbf
Fuel sender gauge x Fuel tank sub–assy	1.5	15	13 in.·lbf
Fuel tank band No. 1 x Fuel tank bracket	13	130	10

S05C–TA

Part tightened	N·m	kgf·cm	ft·lbf
Diesel fuel filter assy x Intake manifold	55	561	40
Fuel pipe x Diesel fuel filter assy	24.5	250	18
Nozzle holdr and nozzle set x Cylinder head	25	250	18
Nozzle leakage pipe No. 1 x Injector	12.3	125	9
Injection pipe set x Injector	34	350	25
Injection pump x Injection pump bracket	22.1	225	16
Coupling bolt	61.3	625	45
Cotter bolt	90.7	925	67
Fuel tank bent tube x Fuel tank sub–assy	5.0	50	44 in.·lbf
Fuel sender gauge x Fuel tank sub–assy	1.5	15	13 in.·lbf
Fuel tank band No. 1 x Fuel tank bracket	13	130	10

S05C–TB

Part tightened	N·m	kgf·cm	ft·lbf
Diesel fuel filter assy x Intake manifold	55	561	40
Fuel pipe x Diesel fuel filter assy	24.5	250	18
Nozzle holdr and nozzle set x Cylinder head	25	250	18
Nozzle leakage pipe No. 1 x Injector	12.3	125	9
Injection pipe set x Injector	44	450	32
Injection pump x Injection pump bracket	25	250	18
Coupling bolt	61.3	625	45
Cotter bolt	90.7	925	67

Pressure sensor x Common rail	98	1,000	72
Pressure limiter x Common rail	172	1,750	127
Flow damper x Common rail	172	1,750	127
Common rail x Cylinder block	28.5	290	21
Fuel tank bent tube x Fuel tank sub–assy	5.0	50	44 in.·lbf
Fuel sender gauge x Fuel tank sub–assy	1.5	15	13 in.·lbf
Fuel tank band No. 1 x Fuel tank bracket	13	130	10
Fuel cut off valve x Fuel tank sub–assy	3.5	35	30 in.·lbf

W04D–J

Part tightened	N·m	kgf·cm	ft·lbf
Fuel filter assembly x Intake manifold	47	480	35
Fuel pipe x Fuel filter assembly	24.5	250	18
Fuel filter drain bolt	6.9	70	61 in.·lbf
Injection pump air bleeder	5.9	60	52 in.·lbf
Nozzle holdr and nozzle set x Cylinder head	15	150	11
Injection pipe set x Injector	19.6	200	14.5
Injection pump x Timing gear case	29.42 – 34.32	300 – 350	22 – 25
Fuel tank bent tube x Fuel tank assembly	5.0	50	44 in.·lbf
Fuel sender gauge x Fuel tank assembly	1.5	15	13 in.·lbf