SS0JN–10

TORQUE SPECIFICATION

Part tightened		N·m	kgf·cm	ft·lbf
Cylinder head cover x Cylinder head		9.0	92	80 in.·lbf
Throttle body x Intake manifold		20	204	15
No. 1 camshaft timing pulley x Intake camshaft		98	1,000	72
No. 2 camshaft timing pulley x Supply pump drive gear		31	316	23
Timing belt idler pulley x Timing gear case		35	357	26
Timing belt tensioner x Timing gear case		13	133	10
Supply pump drive gear x Supply pump		62	652	47
Idler gear shaft with thrust plate x Cylinder block		50	510	37
Timing gear cover x Timing gear case, Cylinder block		13	133	10
Vacuum pump x Timing gear caver		21	214	15
Drive belt tensioner x Cylinder block		21	214	15
Alternator x Drive belt tensioner		64	632	46
Alternator, Timing gear case x Alternator bracket		21	214	15
No. 2 timing belt cover x Cylinder head, Cylinder block		10	102	7
Crankshaft pulley x Crankshaft		365	3,722	269
Cylinder head x Cylinder block	1st 2nd 3rd	85 Turn 90° Turn 90°	867 Turn 90° Turn 90°	63 Turn 90° Turn 90°
Camshaft bearing cap x Cylinder head		19	194	14
Exhaust manifold x Cylinder head		52	530	38
Turbocharger x Exhaust manifold		52	530	38
Turbocharger stay x Cylinder block		24	245	18
Turbo oil pipe x Cylinder block	Bolt Union bolt	12 26	122 265	9 19
Exhaust manifold stay x Exhaust manifold, Engine mounting bracket		24	245	18
No. 1 water bypass pipe x Cylinder head		18	184	13
No. 1 engine hanger x Cylinder head		47	479	35
Water outlet x Cylinder head		19	194	14
Glow plug x Cylinder head		13	133	10
Glow plug connector x Glow plug		2.2	22	20 in.·lbf
Intake manifold x Cylinder head		29	296	21
Common rail x Cylinder head		38	387	28
No. 2 nozzle leakage pipe x Common rail		12.7	130	9
No. 2 nozzle leakage pipe x Cylinder head		21	214	15
EGR pipe x Cylinder head, EGR control valve		13	133	10
Intake manifold stay x Intake manifold, Cylinder block		19	194	14
Oil nozzle x Cylinder bolck		26	265	19
Main bearing cap x Cylinder block	1st 2nd	50 Turn 90°	510 Turn 90°	37 Turn 90°
Connecting rod cap x Connecting rod	1st 2nd	35 Turn 90°	357 Turn 90°	26 Turn 90°
Rear oil seal retainer x Cylinder block		13	133	10
Engine mounting bracket x Cylinder block		68	693	50
No. 2 water bypass pipe x Cylinder block		8.0	82	71 in.·lbf

No. 2 vacuum transmitting pipe x Oil cooler cover	13	133	10
Rear end plate x Cylinder block	8.0	82	71 in.·lbf
Flywheel (M/T) x Crankshaft	145	1,479	107
Drive plate (A/T) x Crankshaft	74	750	54