

## TORQUE SPECIFICATION

Part Tightened		N·m	kgf·cm	ft·lbf
Cylinder block water drain cock x Cylinder block		29	291	21
Oil check valve x Cylinder block		30	310	22
Oil pump x Cylinder block		31	320	23
Oil pan x Cylinder block	For 10 mm head bolt and nut	11	112	8.0
	For 12 mm head bolt	21	210	15
	For 14 mm head bolt	42	429	31
Oil strainer x Cylinder block	For bolt	21	210	15
	For nut	13	135	10
Oil pan No.2 x Cylinder block		12	120	9.0
Cylinder head x Cylinder block	1st	45	460	33
	2nd	Turn 90°	Turn 90°	Turn 90°
	3rd	Turn 90°	Turn 90°	Turn 90°
	4th	Turn 90°	Turn 90°	Turn 90°
Camshaft bearing cap x Cylinder head		20	204	15
Water pump x Cylinder block		31	320	23
Camshaft oil seal retainer x Cylinder head		8.8	90	78 in.·lbf
Timing belt idler Sub assy No.2 x Oil pump		47	475	34
Timing belt idler No. 1 x Cylinder head		35	350	25
Camshaft timing pulley x Camshaft		88	899	65
Nozzle holder clamp x Cylinder head		27	275	20
Nozzle leakage pipe x Cylinder head	Hollow screw	18	184	13
	Union bolt	22	224	16
Over flow screw x Plug		9.8	100	7.0
Check valve x Cylinder head		21	214	15
Cylinder head cover x Cylinder head		13	135	10
Taper screw plug No.1 x Cylinder head		25	255	18
Cylinder head stud bolt (See Page 14-23)	Bolt A	8.8	90	78 in.·lbf
	Bolt B	12	120	9.0
	Bolt C	8.8	90	78 in.·lbf
Connecting rod cap x Connecting rod	1st	30	306	22
	2nd	Turn 90°	Turn 90°	Turn 90°
Crankshaft bearing cap x Cylinder block		115	1,173	85
Cylinder block oil orifice x Cylinder block		9.0	92	78 in.·lbf
Oil nozzle No.1 x Cylinder block		7.4	76	67 in.·lbf