030YE–03

TORQUE SPECIFICATION

Part tightened		N·m	kgf·cm	ft·lbf
No. 1 valve rocker support x Valve rocker shaft		7.5	76	66 in.·lbf
No. 3 valve rocker support x Valve rocker shaft		7.5	76	66 in.·lbf
Timing gear case x Cylinder block	12 mm head bolt	18.5	189	14
	14 mm head bolt	44	449	32
Engine rear oil seal retainer x Cylinder block		18.5	189	14
Oil strainer x Cylinder block		18.5	189	14
Oil strainer x Timing gear case		18.5	189	14
Oil pump outlet pipe x Cylinder block		50	510	37
Oil pump outlet pipe x Timing gear case		18.5	189	14
Oil pan x Cylinder block		18.5	189	14
Oil pan x Timing gear case		18.5	189	14
Oil pan x Engine rear oil seal retainer		18.5	189	14
Camshaft timing pulley x Camshaft		57	581	42
Camshaft thrust plate x Cylinder block		18.5	189	14
Valve lifter set bolt x Cylinder block	10 mm head bolt	9.4	96	83 in.·lbf
	12 mm head bolt	37.5	382	28
Idle gear No. 1 thrust plate x Cylinder block		47.5	484	35
Oil pipe of idle gear shaft x Cylinder block		11	112	8
Injection pump x Timing gear case		25	255	18
Timing gear cover x Timing gear case	12 mm head bolt	18.5	189	14
	14 mm head bolt	44	449	32
Crankshaft pulley x Crankshaft		294	3,000	217
Cylinder head x Cylinder block	1st	49	500	36
	2nd	Turn 90°	Turn 90°	Turn 90°
	3rd	Turn 90°	Turn 90°	Turn 90°
Valve rocker support x Cylinder head		25	255	18
Valve adjusting screw lock nut		18.5	189	14
Cylinder head cover x Cylinder head		10.5	107	8
Engine hanger x Cylinder head		37	380	27
w/ Head taper screw plug No. 1 x Cylinder head		54	550	40
w/ Head taper screw plug x Cylinder block	Right side	34	350	25
	Rear side Left	34	350	25
	Right	69	700	51
Oil nozzle lock nut		13	133	10
Cylinder block water drain cock x Cylinder block		45	459	33
Crankshaft bearing cap x Cylinder block		200	2,039	148
Connecting rod cap x Connecting rod	1st	68.6	700	51
	2nd	Turn 90°	Turn 90°	Turn 90°