

TORQUE VALUES

STANDARD		TORQUE	
FASTENER TYPE	TORQUE N·m (kgf·m, lbf·ft)	FASTENER TYPE	TORQUE N·m (kgf·m, lbf·ft)
5 mm bolt and nut	5 (0.5, 3.6)	5 mm screw	4 (0.4, 2.9)
6 mm bolt and nut (Include SH flange bolt)	10 (1.0, 7)	6 mm screw	9 (0.9, 6.5)
8 mm bolt and nut	22 (2.2, 16)	6 mm flange bolt and nut (Include NSHF)	12 (1.2, 9)
10 mm bolt and nut	34 (3.5, 25)	8 mm flange bolt and nut	26 (2.7, 20)
12 mm bolt and nut	54 (5.5, 40)	10 mm flange bolt and nut	39 (4.0, 29)

- Torque specifications listed below are for important fasteners.
- Others should be tightened to standard torque values listed above.

- NOTES: 1. Apply engine oil to the threads and flange surface.
 2. Apply molybdenum disulfide oil to the threads and flange surface.
 3. Apply locking agent to the threads.
 4. Apply sealant to the threads.
 5. Stake.
 6. UBS bolt.
 7. U-nut.
 8. ALOC bolt.

ENGINE				
ITEM	Q'TY	THREAD DIA. (mm)	TORQUE N·m (kgf·m, lbf·ft)	REMARKS
MAINTENANCE:				
Spark plug	1	10	12 (1.2, 9)	
Crankshaft hole cap	1	30	7.9 (0.8, 5.8)	
Timing hole cap	1	14	5.9 (0.6, 4.3)	
Oil drain bolt	1	12	25 (2.5, 18)	
LUBRICATION SYSTEM:				
Oil pump bolt	3	5	5.2 (0.53, 3.8)	
COOLING SYSTEM:				
Water pump impeller	1	7	10 (1.0, 7)	
CYLINDER HEAD/V ALVE:				
Cylinder head cover bolt	2	6	10 (1.0, 7)	
Cylinder head nut	4	8	30 (3.1, 22)	NOTE 1
Cylinder head bolt	2	12	32 (3.3, 24)	
Cam sprocket bolt	2	5	8.8 (0.9, 6.5)	NOTE 3
Cam chain tensioner plug	1	6	4.2 (0.43, 3.1)	
Camshaft holder bolt	8	6	12 (1.2, 9)	NOTE 1
CLUTCH/GEARSHIFT LINKAGE:				
Clutch center lock nut	1	14	74 (7.5, 54)	NOTE 1
Primary drive gear lock nut	1	14	64 (6.5, 47)	NOTE 1
Gearshift cam plate bolt	1	6	12 (1.2, 9)	NOTE 3
Shift drum stopper arm bolt	1	6	12 (1.2, 9)	
ALTERNATOR/STARTER CLUTCH:				
Flywheel nut	1	12	64 (6.5, 47)	NOTE 1
Stator bolt	3	6	10 (1.0, 7)	NOTE 3
Ignition pulse generator bolt	3	5	5.2 (0.53, 3.8)	NOTE 3
Starter clutch bolt	3	8	30 (3.1, 22)	NOTE 3
OTHER FASTENERS:				
Reed valve cover bolt	2	5	5.2 (0.53, 3.8)	