

TORQUE VALUES

FASTENER TYPE	TORQUE N·m (kgf·m, lbf·ft)	FASTENER TYPE	TORQUE N·m (kgf·m, lbf·ft)
5 mm hex bolt and nut	5 (0.5 , 3.6)	5 mm screw	4 (0.4 , 2.9)
6 mm hex bolt and nut	10 (1.0 , 7)	6 mm screw	9 (0.9 , 6.5)
8 mm hex bolt and nut	22 (2.2 , 16)	6 mm flange bolt (8 mm head)	9 (0.9 , 6.5)
10 mm hex bolt and nut	34 (3.5 , 25)	6 mm flange bolt (10 mm head)	12 (1.2 , 9)
12 mm hex bolt and nut	54 (5.5 , 40)	and nut	
		8 mm flange bolt and nut	26 (2.7 , 20)
		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 sealant to the threads.
 2. Apply a locking agent to the threads.
 3. Apply grease to the threads.
 4. Stake.
 5. Apply oil to the threads and flange surface.
 6. Apply clean engine oil to the O-ring.
 7. U-nut.
 8. ALOC bolt: replace with a new one.
 9. CT bolt.

ENGINE

ITEM	Q'TY	THREAD DIA. (mm)	TORQUE N·m (kgf·m, lbf·ft)	REMARKS
MAINTENANCE:				
Spark plug	4	10	12 (1.2 , 9)	
Timing hole cap	1	45	18 (1.8 , 13)	NOTE 3
LUBRICATION SYSTEM:				
Oil drain bolt	1	14	29 (3.0 , 22)	
Oil filter boss	1	20	18 (1.8 , 13)	NOTE 2
Oil pump assembly flange bolt	1	6	13 (1.3 , 9)	NOTE 9
Oil pump driven sprocket bolt	1	6	15 (1.5 , 11)	NOTE 2
Oil strainer nut	1	6	12 (1.2 , 9)	NOTE 7
Oil filter cartridge	1	20	10 (1.0 , 7)	NOTE 6
Oil pressure switch	1	PT 1/8	12 (1.2 , 9)	NOTE 1
Oil pressure switch wire terminal screw	1	4	2 (0.2 , 1.4)	
Oil pipe mounting bolt	2	6	12 (1.2 , 9)	NOTE 2
FUEL SYSTEM (Programmed Fuel Injection):				
ECT (Engine Coolant Temperature)/thermo sensor	1	12	23 (2.3 , 17)	NOTE 1
Knock sensor	1	12	31 (3.2 , 23)	
Throttle body insulator band screw	8	5	See page 1-15	
Throttle cable bracket mounting bolt	2	5	3 (0.35 , 2.5)	
Fuel pipe mounting nut	2	6	10 (1.0 , 7)	NOTE 7
Fuel pipe setting bolt	2	8	22 (2.2 , 16)	Yellow paint
Pressure regulator lock nut	1	18	27 (2.8 , 20)	Yellow paint
Starter valve synchronization plate screw	4	3	1 (0.09 , 0.7)	
Starter valve lock nut	4	10	2 (0.18 , 1.3)	
Vacuum joint plug socket bolt for synchronization	4	5	3 (0.3 , 2.2)	
COOLING SYSTEM:				
Water pump cover bolt	3	6	13 (1.3 , 9)	NOTE 9