

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 return pipe bracket bolt | 1 | 6 | 12 (1.2 , 9) | NOTE 9 |
| 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 | 10 (1.0 , 7) | 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) | |
| Wax unit mounting screw | 2 | 6 | 5 (0.5 , 3.6) | White paint |
| Wax unit link bracket screw | 1 | 3 | 1 (0.09 , 0.7) | |
| 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 |