

Torque Values

| Standard | | | |
|--------------------|-----------------------------|---------------------------------------|-----------------------------|
| Item | Torque N·m (kg-m, ft-lb) | Item | Torque N·m (kg-m, ft-lb) |
| 5 mm bolt and nut | 5 (0.5, 3.5) | 5 mm screw | 4 (0.4, 3) |
| 6 mm bolt and nut | 10 (1.0, 7) | 6 mm screw | 9 (0.9, 7) |
| 8 mm bolt and nut | 22 (2.2, 16) | 6 mm flange bolt (8 mm head) | 9 (0.9, 7) |
| 10 mm bolt and nut | 35 (3.5, 25) | 6 mm flange bolt (10 mm head) and nut | 12 (1.2, 9) |
| 12 mm bolt and nut | 55 (5.5, 40) | 8 mm flange bolt and nut | 27 (2.7, 20) |
| | | 10 mm flange bolt and nut | 40 (4.0, 29) |

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

'90-'93:

NOTES:

1. Apply a locking agent to the threads.
2. Apply sealant to the threads.
3. Stake.
4. Apply oil to the seating surface and threads.

| Engine ('90-'93) | | | | | | |
|---|------|-------------------|--------|------|-------|---------|
| Item | Q'ty | Tread Dia (mm) | Torque | | | Remarks |
| | | | N·m | kg-m | ft-lb | |
| Lubrication: | | | | | | |
| Oil pump driven sprocket bolt | 1 | 6 | 18 | 1.8 | 13 | NOTE 1 |
| Oil pressure switch | 1 | — | 12 | 1.2 | 9 | NOTE 2 |
| Oil drain bolt | 1 | 12 | 38 | 3.8 | 27 | |
| Oil pump mount bolt | 3 | 6 | 12 | 1.2 | 9 | |
| Oil filter | 1 | 20 | 10 | 1.0 | 7 | |
| Oil filter boss | 1 | 20 | 18 | 1.8 | 13 | NOTE 1 |
| Cylinder head/Cylinder: | | | | | | |
| Cylinder head cover bolt | 8 | 6 | 10 | 1.0 | 7 | |
| Camshaft holder bolt | 32 | 6 | 12 | 1.2 | 9 | |
| Cylinder head bolt | 16 | 9 | 45 | 4.5 | 33 | |
| | 4 | 6 | 12 | 1.2 | 9 | |
| Cam gear case bolt | 8 | 6 | 10 | 1.0 | 7 | |
| | 2 | 8 | 23 | 2.3 | 17 | |
| Thermosensor | 1 | — | 10 | 1.0 | 7 | NOTE 2 |
| Spark plug | 4 | 10 | 12 | 1.2 | 9 | |
| Clutch/Gearshift linkage: | | | | | | |
| Timing hole cap | 1 | 45 | 18 | 1.8 | 13 | |
| Slave cylinder bleed bolt | 1 | 8 | 9 | 0.9 | 9 | |
| Clutch center lock nut | 1 | 22 | 90 | 9.0 | 65 | NOTE 3 |
| Gear shift return spring pin | 1 | 8 | 25 | 2.5 | 18 | |
| Shift drum bearing set plate bolt | 2 | 6 | 12 | 1.2 | 9 | |
| Shift drum center bolt | 1 | 8 | 23 | 2.3 | 17 | |
| Crankcase/Crankshaft/Transmission: | | | | | | |
| Connecting rod cap nut | 8 | 8 | 34 | 3.4 | 25 | NOTE 4 |
| Crankcase bolt 6 mm | 15 | 6 | 12 | 1.2 | 9 | |
| 8 mm | 1 | 8 | 23 | 2.3 | 17 | |
| 9 mm | 8 | 9 | 33 | 3.3 | 24 | NOTE 4 |
| 10 mm | 2 | 10 | 40 | 4.0 | 29 | |
| Mainshaft bearing set plate bolt | 3 | 6 | 12 | 1.2 | 9 | NOTE 1 |