



### TORQUE VALUES

#### ENGINE

Item	Q'ty	Thread Dia (mm)	Torque N-m (kg-m, ft-lb)	Remarks
Main oil gallery plug	1	—	25-35 (2.5-3.5, 18-25)	U.B.S., Apply a locking agent to the threads
Camshaft holder	20	6	12-16 (1.2-1.6, 9-12)	
Cylinder head	12	9	26-30 (2.6-3.0, 19-22)	
Cam sprocket	4	7	18-20 (1.8-2.0, 13-14)	
Cam chain tensioner	4	8	10-14 (1.0-1.4, 7-10)	Apply engine oil to the threads
Spark plug	4	—	12-18 (1.2-1.8, 9-13)	
Crankcase	8 mm	11	21-25 (2.1-2.5, 15-18)	
	7 mm	2	15-19 (1.5-1.9, 11-14)	
	6 mm	20	10-14 (1.0-1.4, 7-10)	
Connecting rod nut	8	8	30-34 (3.0-3.4, 22-25)	
Pulse rotor	1	10	30-40 (3.0-4.0, 22-29)	
Alternator rotor bolt	1	10	30-38 (3.0-3.8, 22-28)	
Mainshaft lock nut	1	22	47-53 (4.7-5.3, 34-38)	
Oil filter	1	—	15-20 (1.5-2.0, 11-14)	
Oil pressure switch	1	—	10-14 (1.0-1.4, 7-10)	
Oil pipe bolt	7 mm	2	10-14 (1.0-1.4, 7-10)	
	8 mm	4	12-16 (1.2-1.6, 9-12)	
	10 mm	1	16-20 (1.6-2.0, 12-14)	
Oil drain plug	1	12	30-40 (3.0-4.0, 22-29)	
Pulse generator assembly	4	5	5-7 (0.5-0.7, 4-5)	
Alternator shaft lock nut	1	16	30-38 (3.0-3.8, 22-28)	Apply a liquid sealant to the threads
Clutch lock nut	1	—	75-85 (7.5-8.5, 54-62)	
Output driven gear bearing holder	4	8	30-34 (3.0-3.4, 22-25)	
Countershaft bearing holder	3	8	30-34 (3.0-3.4, 22-25)	
Output gear bearing lock nut (outer)	2	—	90-110 (9.0-11.0, 65-80)	
	(inner)	2	70-80 (7.0-8.0, 51-58)	
Output gear case	8 mm	2	21-25 (2.1-2.5, 15-18)	
	6 mm	1	10-14 (1.0-1.4, 7-10)	
Oil chamber cover bolt	1	8	16-20 (1.6-2.0, 12-15)	
Main bearing bolt	10	8	21-25 (2.1-2.5, 15-18)	
Oil hose	6 mm	2	10-15 (1.0-1.5, 7-11)	
	8 mm	2	24-30 (2.4-3.0, 17-22)	

#### CHASSIS

Item	Q'ty	Thread Dia (mm)	Torque N-m (kg-m, ft-lb)	Remarks
Engine oil drain plug	2	8	24-30 (2.4-3.0, 17-22)	U nut U.B.S.
Steering stem nut	1	24	90-120 (9.0-12.0, 65-87)	
Handlebar holder	4	8	20-30 (2.0-3.0, 14-22)	
Front fork pinch bolt (upper)	2	7	9-15 (0.9-1.5, 6-11)	
Front fork pinch bolt (lower)	2	10	45-55 (4.5-5.5, 32-40)	
Front axle nut	1	12	65-75 (6.5-7.5, 48-54)	
Front axle holder nut	4	8	18-25 (1.8-2.5, 13-18)	
Engine mounting bolts	8 mm	8	20-30 (2.0-3.0, 14-22)	
	10 mm	5	45-60 (4.5-6.0, 32-43)	
Rear axle nut	1	18	85-105 (8.5-10.5, 62-77)	
Final gear case	3	10	60-70 (6.0-7.0, 43-51)	