



TORQUE VALUES

ENGINE

ITEM	THREAD DIA. mm	TORQUE VALUES		
		N-m	kg-m	ft-lb
Cylinder head	8	24 - 29	2.4 - 2.9	17 - 21
Cylinder	10	38 - 48	3.8 - 4.8	27 - 35
AC generator rotor	12	65 - 75	6.5 - 7.5	47 - 54
Clutch center lock nut	20	40 - 50	4.0 - 5.0	29 - 36
Clutch spring bolt	6	8 - 12	0.8 - 1.2	6 - 9
Drive/balancer gear	10	40 - 50	4.0 - 5.0	29 - 36
Drive sprocket	6	8 - 12	0.8 - 1.2	6 - 9
Crankcase/crankcase cover	6	8 - 12	0.8 - 1.2	6 - 9
Carburetor intake pipe	6	8 - 12	0.8 - 1.2	6 - 9

FRAME

ITEM	THREAD DIA. mm	TORQUE VALUES		
		N-m	kg-m	ft-lb
Handlebar upper holder	8	18 - 25	1.8 - 2.5	13 - 18
Steering stem nut	—	70 - 100	7.0 - 10.0	51 - 72
Pinch bolts	8	18 - 25	1.8 - 2.5	13 - 18
Front/rear rim nut	8	18 - 25	1.8 - 2.5	13 - 18
Front/rear wheel nut	8	18 - 25	1.8 - 2.5	13 - 18
Front axle nut	14	70 - 110	7.0 - 11.0	51 - 80
Brake disc	8	18 - 25	1.8 - 2.5	13 - 18
Brake caliper pin bolt	8	15 - 20	1.5 - 2.0	11 - 14
Brake caliper flange bolt	8	18 - 25	1.8 - 2.5	13 - 18
Brake caliper hex bolt	8	20 - 25	2.0 - 2.5	14 - 18
Brake hose	—	30 - 40	3.0 - 4.0	22 - 29
Engine hanger bolt	10	38 - 48	3.8 - 4.8	27 - 35
Swingarm pivot bolt	14	70 - 110	7.0 - 11.0	51 - 80
Rear axle nut (inner)	32	35 - 45	3.5 - 4.5	25 - 33
(outer)	32	120 - 140	12.0 - 14.0	87 - 101
Rear hub nut	14	80 - 100	8.0 - 10.0	58 - 72
Final driven sprocket	8	18 - 25	1.8 - 2.5	13 - 18
Rear brake arm bolt	6	8 - 12	0.8 - 1.2	6 - 9
Rear shock absorber (upper and lower)	8	38 - 48	3.8 - 4.8	27 - 35

Torque specifications listed above are for the most important tightening points. If a torque specification is not listed, follow the standards given below.

STANDARD TORQUE VALUES

Item	Torque Value N-m (kg-m) (ft-lb)	Item	Torque Value N-m (kg-m) (ft-lb)
5 mm bolt and nut	4.5-6.0 (0.45-0.6) (3-4)	5 mm screw	3.5-5.0 (0.35-0.5) (3-4)
6 mm bolt and nut	8-12 (0.8-1.2) (6-9)	6 mm screw	7-11 (0.7-1.1) (5-8)
8 mm bolt and nut	18-25 (1.8-2.5) (13-18)	6 mm flange bolt and nut	10-14 (1.0-1.4) (7-10)
10 mm bolt and nut	30-40 (3.0-4.0) (22-29)	8 mm flange bolt and nut	20-30 (2.0-3.0) (14-22)
12 mm bolt and nut	50-60 (5.0-6.0) (36-43)	10 mm flange bolt and but	30-40 (3.0-4.0) (22-29)