

## 5.3 Frame Torque Reference

NO.	Item	Screw Specifications	Torque		Intermediate Value N·m	Remarks
			N·m	Kgf·m		
1	Motor					
	Fastening to the Frame	M10*1.25	45 ~ 55	4.5 ~ 5.5	50	hexagonal Nut
	Fastening to the Motor Side Plate	M8*1.25	24 ~ 30	2.4 ~ 3.0	27	Glue Screw
	Fastening to the Front Synchronous Belt Pulley	M10x1.25	55 ~ 65	5.5 ~ 6.5	60	Glue Screw
2	Rear Shock Absorber					
	Side of Frame	M10x1.25	35 ~ 45	3.5 ~ 4.5	40	Flange Bolt
	Side of Rear Fork	M10x1.25	35 ~ 45	3.5 ~ 4.5	40	Flange Bolt
3	Steering lever					
	Front Shock Absorber and Steering lever	M8*1.25	24 ~ 30	2.4 ~ 3.0	27	Flange Bolt
	Steering lever Fastening Nut	M22x1.0	55 ~ 65	5.5 ~ 6.5	60	Octagonal Nut
	Handlebar Fastening Nut	M10x1.25	55 ~ 65	5.5 ~ 6.5	60	Lock Nut
4	Tire					
	Front Wheel Axle	M12*1.25	50 ~ 70	5.0 ~ 7.0	60	Lock Nut
	Rear Wheel Axle	M14*1.25	50 ~ 70	5.0 ~ 7.0	60	Lock Nut
	Front Brake Disc Bolt	M8*1.25	32 ~ 38	3.2 ~ 3.8	35	Glue Screw
	Rear brake disc bolts	M8*1.25	32 ~ 38	3.2 ~ 3.8	35	Glue Screw
	Gear plate and wheel hub fastening bolts	M8*1.25	25 ~ 35	2.5 ~ 3.5	30	Glue Screw
5	Rear fork					
	Rear fork axle	M12*1.25	50 ~ 60	5.0 ~ 6.0	55	Lock Nut
6	Brake					
	Front brake disc screws	M8*1.25	24 ~ 30	2.4 ~ 3.0	27	Glue Screw
	Rear brake disc screws	M8*1.25	24 ~ 30	2.4 ~ 3.0	27	Glue Screw

### Torque (general)

Item	N·m	Kgf·m	Item	N·m	Kgf·m
5mm bolt and screw	4.4~6	0.45~0.6	5mm screw	3.4~5	0.35~0.5
6mm bolt and screw (with small hexagonal flange bolt)	8~12	0.45~6	6mm screw	7~11	0.7~1.1
			6mm flange bolt and screw	9.8~14	1.0~1.4
8mm bolt and screw	18~25	1.8~2.5	8mm flange bolt and screw	24~29	2.4~3.0
10mm bolt and screw	29~39	3.0~4.0	10mm flange bolt and screw	34~44	3.5~4.5
12mm bolt and screw	49~59	5.0~6.0			

#### Technical requires:

1. The conversion value between the torque units (N·m) and (Kgf·m) in this diagram is set to 10 for ease of conversion
2. Tightening sequence of bolts and nuts in numbers 1 and 6: The bolts are tightened according to the torque value
3. The median should be reflected in the after-sales service manual