

## TIGHTENING TORQUE VALUES Dnepr MT-11

Part name	Low torque value kgf/m	High torque value kgf/m	Low torque value lbs/ft	High torque value lbs/ft
<b>ENGINE</b>				
Flywheel fastening bolt	25	28	180.8	202.5
Centrifuge fastening bolt	2.2	3.2	15.9	23.1
Cylinder heads Fastening nut (diametrically opposite sequence in two steps)	1.2	1.6	8.7	11.6
Engine fastening stud	2.8	3.6	20.3	26.0
Stud fastening gearbox to engine	0.6	0.8	4.3	5.8
Generator fastening studs	0.6	0.8	4.3	5.8
Engine heads fastening studs	1.1	1.6	8.0	11.6
Generator fastening nuts	1.1	1.6	8.0	11.6
Nuts of connecting rod bolts	2.2	2.8	15.9	20.3
Nuts fastening rocker axles in cylinder heads	3.2	3.6	23.1	26.0
	2.2	2.4	15.9	17.4
<b>GEAR BOX</b>				
Elastic coupling disk fastening nut	8	10	57.9	72.3
Shift pedal fastening nut	1.4	1.8	10.1	13.0
Fastening nut of reverse handle	1.4	1.8	10.1	13.0
<b>MAIN DRIVE</b>				
Crankcase cover fastening nut	1.4	1.8	10.1	13.0
<b>RUNNING GEAR</b>				
Engine fastening nuts	4.4	6.2	31.8	44.8
Rear wheel axle fastening nut	8	8	57.9	57.9
Nut fastening handlebar to cross member	2.8	3.6	20.3	26.0
Front wheel axle fastening nut	14	20	101.3	144.7
Front wheel axle clamp	1.4	1.8	10.1	13.0
Rear wheel axle clamp	1.4	1.8	10.1	13.0
Tie-rod-to-frame fastening nut	4.4	6.2	31.8	44.8
Clamp of trailer tie rod bracket	4.4	6.2	31.8	44.8
Front fork bearing nut	8	9	57.9	65.1
Nut of shock absorber reservoir	5	9	36.2	65.1
Nut of shock absorber rod rebound valve	1	1.5	7.2	10.8
<b>DIFFERENTIAL DRIVE</b>				
Nut of universal-joint center cross tapered bolt	1.6	1.8	11.6	13.0
Nuts fastening main drive casing to differential gear cover and case	1.6	1.8	11.6	13.0
Nut fastening main drive gear to cardan joint fork	1.6	1.8	11.6	13.0
Bolt fastening main drive casing to motorcycle pendulum	0.8	0.8	5.8	5.8
<b>REDUCTION GEAR</b>				
Nut fastening wheel axle in reduction gear	25	28	180.8	202.5
Tightening bolts for reduction gear covers	1.6	1.8	11.6	13.0
Nut of universal-joint center cross tapered bolt	1.6	1.8	11.6	13.0

Sylinterin kannet kiristetään ristiin kolmeen kertaan:

- ekakierros 15 Nm
- toinen 25 Nm
- ja kolmas 33 Nm

Tuolta ([http://www.changjiangcollective.com/ind ... ce#torques](http://www.changjiangcollective.com/ind...ce#torques)) poimittu jotain lisävinkkejä:

Cyl. Heads	29-33 Nm	21.4-24.4 ft.lbs
Flywheel screws	22-25 Nm	16-18.5 ft.lbs (lienee kytkimen ruuvit?)
Top shock abs. pinch bolt	21-30 Nm	16-22 ft.lbs
Bottom shock abs. pinch bolt	36-50 Nm	26.5-37 ft.lbs
Bearing nut	30-34 Nm	22-25 ft.lbs
Oil pump bolt	16-18 Nm	12-14 ft.lbs
Engine sump	8-10 Nm	6-7.5 ft.lbs
Final drive case nuts	14-18 Nm	10-13 ft.lbs

Pinion bearing nut	7-9 Nm	5-7 ft.lbs
Reverse gear lever	22-28 Nm	16-21 ft.lbs
Steering head nut	14-16 Nm	10-12 ft.lbs

Conversions 1 Nm = 0.738 ft.lbs, 1 ft.lbs = 1.35 Nm

For other torque settings, consider checking with Chilton's /2 Series BMW Manual published in 1973. It has more complete information, much of which is transferable.