

PART	Q.ty	Tighten- ing torque N·m	
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Power plant			
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Lubrication			
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Hub oil drain plug	1	15 - 17	
Oil filter connection on crankcase	1	27 - 33	
Engine oil drain plug/gauze strainer	1	24 - 30	
Oil filter	1	4 - 6	
Oil pump cover screw	2	0.7 - 0.9	
Oil pump to crankcase fixing screw	2	5 - 6	
Oil pump drive gear screw	1	10 - 14	
Oil pump cover plate screw	2	4 - 6	
Oil sump screw	7	10 - 14	
Minimum oil pressure sensor	1	12 - 14	

Cylinder head			
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Spark plug	1	12 - 14	
Cylinder head cover screw	5	11 - 13	
Cylinder head cover screw (*)	4	27 - 29	
Nuts fastening cylinder head to cylinder	2	11 - 13	
Starting weight screw	1	7 - 8.5	
Tappet adjuster counter nut	2	6 - 8	
Intake manifold screw	2	11 - 13	
Timing chain tightener shoe screw	1	10 - 14	
Starting weight bell screw	1	11 - 15	
Timing chain tightener support screw	2	11 - 13	
Timing chain tightener central screw	1	5 - 6	
Camshaft retaining plate screw	2	4 - 6	
Silencer fixing screw on cylinder head	2	16 - 18	
Manifold-silencer fastening bolt	1	15 - 20	

Transmission			
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Belt support roller screw	1	11 - 13	
Clutch assembly nut on driven pulley	1	55 - 60	
Driving pulley nut (°)	1	75 - 83	

Transmission cover screw	10	11 - 13	
Driven pulley shaft nut (°)	1	54 - 60	
Rear hub cover screw	7	24 - 27	
Flywheel			
Flywheel cover fixing screw	4	5 - 6	
Stator assembly screw (°)	2	3 - 4	
Flywheel nut	1	54 - 60	
Pick-up fixing screw	2	3 - 4	
Crankcase and crankshaft			
Crankcase inside partition screw (transmission-side shaft)	2	4 - 6	
Crankcase joining screw	11	11 - 13	
Starter motor screw	2	11 - 13	
Crankcase valve gear cover screw	3	3.5 - 4.5	
Cooling system			
Water pump impeller cover	3	3 - 4	
Water pump impeller drive joint screw	3	3 - 4	
Thermostat cover screw	2	3 - 4	
(°)Apply threadlocking LOCTITE medium, type 242.			
(*)Lubricate nuts with engine oil before fitting.			

Steering assembly			
Upper steering collar	1	27 - 33	
Lower steering collar	1	8 - 10	
Handlebar fixing screw (*)	1	43 - 47	
Frame assembly			
Swing arm - engine pivot	1	33 - 41	
Swing arm - frame pivot	1	66 - 80	
Swing arm pad nut	1	20 - 25	
Engine arm - frame arm pin	1	60 - 64	

Centre stand nut	2	25 - 30	
Side stand screw	1	35 - 40	
Side stand switch screw	1	5 - 7	
Side stand nut	1	40 - 45	
Front suspension			
Fork plate screw	4	25 - 34	
Front wheel axle	1	45 - 50	
Fork rod screw	2	6 - 7	
Front brake			
Caliper support fastening screw on fork	4	45 - 55	
Oil pump-tube union	1	17 - 20	
Oil tube-caliper union	1	16 - 20	
Caliper to support retaining bolt	4	20 - 25	
Disc retaining bolts (°)	5	5 - 6	
Oil bleed screw	1	12 - 16	
Front brake caliper - combined braking device connection	1	20 - 25	
Rear brake caliper - combined braking device connection	1	20 - 25	
Rear suspension			
Shock absorber upper fastening	2	33 - 41	
Shock absorber lower fastening	2	33 - 41	
Rear wheel spindle	1	104 - 126	
Rear brake			
Oil pump-tube union	1	17 - 20	
Oil tube-caliper union	1	16 - 20	
Caliper to support retaining bolt	2	20 - 25	
Disc retaining bolts (°)	5	9 - 11	
Oil bleed screw	1	12 - 16	
Hose - rigid tube connection	1	13 - 18	

(*)Use new nuts.

(°)Apply medium thread locking LOCTITE type 242.

TIGHTENING TORQUES IN N·m ACCORDING TO MATERIAL

Ø 8.8 steel screw	On plastic with metal spacers	On brass, copper, aluminum and related alloys	Iron, steel	Link
M4	2	2	3	
M5	4	4	6	
M6	6.5	6.5	10.5	
M7		10.5	17	
M8		16	26	
M10			52	
M12			100	
M14			145	