

Hexhead Torque Values

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11 - Engine	Value
11 11 - Engine block	
Bracket, engine guard to crankcase	
M10 x 90	40 Nm
Crash bar mount to crankcase	
Rubber mount, M8	19 Nm
Oil drain plug to crankcase	
M16 x 1.5	32 Nm
Engine block, left	
M10 x 110	Tightening torque, 25 Nm
	Additional angle of rotation, 90°
M8 x 60, bolted with sealing ring, A8 x 13 Al	19 Nm
M6 x 50	8 Nm
M6 x 35	8 Nm
M6 x 25	8 Nm
Engine guard to engine	
Rear, Nut M8	19 Nm
front left, M8 x 20	19 Nm
front right, M6 x 10	8 Nm
Engine block, right	
M10 x 130	Tightening torque, 25 Nm
	Additional angle of rotation, 90°
M10 x 110	Tightening torque, 25 Nm
	Additional angle of rotation, 90°
M8 x 80	19 Nm
M8 x 35	19 Nm
M6 x 50	8 Nm
M6 x 35	8 Nm
Cylinder, left, to crankcase	
M8 x 30	19 Nm
M6 x 35	8 Nm
Cylinder, right, to crankcase	
M8 x 55	19 Nm
M6 x 35	8 Nm
11 12 - Cylinder head with cover	
Cylinder head cover to cylinder head	
M6 x 72	tighten in diagonally opposite sequence

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	10 Nm
Cylinder head to cylinder	
Nut, tie bolt, M10	tighten by stages in diagonally opposite sequence
	Tightening torque, 20 Nm
	1st additional angle of rotation, 90°
	2nd additional angle of rotation, 90°
M10 x 90	40 Nm
M6 x 30	9 Nm
Cylinder head to cylinder (check torque)	
Nut, tie bolt, M10	In diagonally opposite sequence, slacken and then retighten each nut
	Tightening torque, 20 Nm
	Additional angle of rotation, 180°
M10 x 90	Slacken and then retighten screw
	40 Nm
Oil filler plug	
M34 x 1.5	8 Nm
11 14 - Housing cover	
Belt cover to engine	
M5 x 16	5 Nm
Belt cover to belt cover, rear	
TS5 x 20	3 Nm
Belt cover to alternator	
M5 x 16	5 Nm
Timing case cover to crankcase	
M6 x 30	9 Nm
Bearing cap, front auxiliary shaft on timing case cover	
M6 x 20	8 Nm
Clutch cover to engine	
M6 x 16	8 Nm
11 15 - Crankcase breather	
Breather adapter to cylinder head	
M6 x 14	8 Nm
11 21 - Crankshaft with bearings	
Belt pulley to crankshaft	
M22 x 1.5	1st tightening torque , 40 Nm
	2nd tightening torque , 140 Nm
11 24 - Conrod with bearings	
Threaded fastener, conrod bearing	
Stress bolt, M10 x 1, Replace screw	1st tightening torque, 5 Nm
Install with threads and underside of head lightly oiled	2nd tightening torque, 20 Nm
	Additional angle of rotation, 105°
11 27 - Balancing shaft	
Compensating weight to balancing shaft	
Neck-down screw, M8 x 70 - 10.9, Replace screw	Tightening torque, 10 Nm
	Additional angle of rotation, 90°
Gear wheel to balancing shaft	
Nut, M12 x 1.5	75 Nm
11 31 - Camshaft	
Sprocket to auxiliary shaft	
M5 x 16 - 10.9	8 Nm
Chain sprocket to crankshaft	
M6 x 16	8 Nm
Camshaft sprocket to camshaft	
M10 x 25 x 1.25 - 10.9	65 Nm
Housing for chain tensioner to crankcase	
M6 x 25	8 Nm
Chain tensioner to cylinder	
Chain tensioner to cylinder, left, M18 x 1.5	32 Nm
Chain tensioner to cylinder, right, M18 x 1.5	32 Nm
Pivot screw of timing-chain sliding rail to cylinder/crankcase	
M10, Install with sealing washer	18 Nm

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Pivot screw of timing chain tensioning rail to crankcase	
M10, Install with sealing washer	18 Nm
11 33 - Rocker/follower with bearing	
Locknut, valve adjusting screw	
M6 x 0.5	8 Nm
Bearing cap to timing-gear carrier	
M8 x 30	18 Nm
M8 x 40	18 Nm
Nut, tie bolt, M10	Tightening torque, 20 Nm
	1st additional angle of rotation, 90°
	2nd additional angle of rotation, 90°
Camshaft bearings	
M8 x 65 - 10.9	15 Nm
Timing-gear carrier to cylinder head	
M6 x 30	8 Nm
M6 x 60	8 Nm
11 40 - Oil supply	
Cooling oil line to crankcase (inside engine)	
Banjo bolt, M14 x 1.5	25 Nm
Cooling oil line to crankcase (inside engine)	
M6 x 16	8 Nm
11 41 - Oil pump with strainer and drive	
Oil pump to crankcase	
M6 x 40, Replace screws	Tightening torque, 4 Nm
	Additional angle of rotation, 90°
M6 x 45, Replace screws	Tightening torque, 4 Nm
	Additional angle of rotation, 90°
Oil-intake adapter in crankcase, right	
M6 x 25	8 Nm
Pressure relief valve in crankcase, right	
M20 x 1.5 - 5.8	42 Nm
11 42 - Oil filter and lines	
Oil filter to crankcase	
Sealing ring wetted with engine oil	11 Nm
11 61 - Intake elbow	
Air intake to cylinder head	
M6 x 20	8 Nm
12 - Engine electrical system	
Value	
12 12 - Ignition wiring, spark plugs	
Primary spark plug to cylinder head	
NGK, M12 x 1.25	Initial torque and retorquing, 20 Nm
Secondary spark plug to cylinder head	
NGK, M12 x 1.25	Initial torque and retorquing, 20 Nm
12 13 - Ignition coil	
Cover, secondary spark plug coil to cylinder head	
M6 x 12	8 Nm
12 31 - Alternator with drive and fasteners	
Alternator to crankcase	
M8 x 25	18 Nm
Belt pulley to alternator	
M16 x 1.5	50 Nm
Wiring harness to alternator	
M6, Replace nut	6 Nm
Thread-locking compound (mechanical)	
12 41 - Starter with fastener	
Starter with gearing to engine	
M8 x 60	19 Nm
Wiring harness to starter	
M8	10 Nm
12 61 - Oil pressure, oil temperature, oil-level indicators	

Hexhead Torque Values

Oil-pressure switch to crankcase	
M12 x 1.5	30 Nm
Oil-temperature sensor to crankcase	
M14 x 1.5	16 Nm
12 72 - Transmitter for control unit	
Crankshaft sensor to gearcase cover	
M6 x 16	8 Nm
Knock sensor to cylinder	
M8 x 35	19 Nm
Camshaft sensor to camshaft cover	
M6 x 16	8 Nm
Camshaft cover to cylinder head	
M6 x 20	8 Nm
Temperature sensor in cylinder head, outside	
M10 x 1	10 Nm
13 - Fuel preparation and control	Value
13 53 - Injection nozzles and lines	
Holder for injection nozzle to throttle-valve stub	
M5 x 16	5 Nm
13 62 - Transmitter for control unit	
Oil level sensor to crankcase	
M6 x 16	8 Nm
Thread-locking compound (Loctite 243, Medium strength)	
13 63 - Electromechanical switchgear	
Metal stop with idle actuator to throttle-valve stub	
M5 x 14, Replace screw	6 Nm
Thread-locking compound (Micro-encapsulated)	
13 71 - Intake air silencer	
Intake air silencer to rear frame	
M6 x 8	8 Nm
16 - Fuel supply	Value
16 11 - Fuel tank with filler neck	
Fuel tank with bracket to front frame	
M8 x 45 - 10.9	19 Nm
Filler cap to fuel filler neck	
M5 x 16	2.4 Nm
Fuel-tank mount to fairing bracket	
M8 x 20	19 Nm
Fuel filler neck to fuel tank	
M5 x 20	2.4 Nm
16 14 - Delivery, preparation and measurement, control unit, fuel pump	
Fuel pump to fuel tank	
Union nut	35 Nm
17 - Cooling	Value
17 21 - Oil cooler	
Oil cooler to fairing bracket	
M6 x 30	8 Nm
17 22 - Oil cooler lines	
Oil cooler line, flow line, to crankcase	
M6 x 16	8 Nm
Oil cooler line, return line, to crankcase	
Banjo bolt, M16 x 1.5	35 Nm
Oil cooler line, return line, to front frame	
M6 x 12	8 Nm
Oil cooler line to fairing bracket	
M6 x 12	4.6 Nm
18 - Exhaust system	Value
18 11 - Exhaust pipe	
Manifold to cylinder head	
M8	21 Nm

Hexhead Torque Values

Bracket, manifold to gearbox	
M6 x 38	9 Nm
18 12 - Silencer	
Silencer to rear frame	
M8 x 45	19 Nm
Clamp to silencer and exhaust manifold	
M10 x 1.5	55 Nm
18 30 - Exhaust pipe with catalytic converter or complete system	
Oxygen sensor to exhaust header	
M18 x 1.5	45 Nm
Lubricate thread, Installation tool (Optimoly TA)	
Clamp to manifold, rear	
M6 x 25	8 Nm
21 - Clutch	Value
21 21 - Clutch with driver plate	
Flywheel to crankshaft	
M11 x 1.5 - 12.9, Replace screw	Tightening torque, 40 Nm
Screw oiled	Additional angle of rotation, 40°
Clutch housing cover to clutch housing	
M6 x 20 - 10.9	tighten in diagonally opposite sequence
	12 Nm
21 52 - Clutch actuation (hydraulics)	
Clutch slave cylinder to gearbox	
M6 x 18	8 Nm
Clutch line to clutch lever fitting	
Banjo bolt, M10 x 1	18 Nm
Clutch pipe to slave cylinder	
Banjo bolt with bleeder, M10 x 1	18 Nm
Bleed screw to banjo bolt	5 Nm
23 - Gearbox	Value
Gearbox oil filler plug	
M14 x 1.5	30 Nm
Gearbox oil drain plug	
M18 x 1.5	30 Nm
23 11 - Housing with cover	
Gearbox to engine block	
M8 x 35	19 Nm
M8 x 50	19 Nm
M8 x 75	19 Nm
Gearbox cover to gearbox housing	
M6 x 38	10 Nm
23 14 - Electrical components	
Gearbox potentiometer to gearbox	
M6 x 28	8 Nm
Gearbox potentiometer to gearbox (non-contacting potentiometer)	
M5 x 16	5 Nm
23 31 - Internal gearshift components	
Locking lever on gearbox cover	
Flat-headed screw, M6	8 Nm
23 41 - External gearshift components	
Gearshift lever to intermediate shaft	
M6 x 25	8 Nm
Selector lever to selector shaft	
M6 x 25	8 Nm
Locknut, ball socket on selector rod	
Nut M6	7.5 Nm
Ball end to selector lever	
Ball end M8	19 Nm
Ball end to intermediate shaft (gearshift lever)	
Ball end, M8	19 Nm

Hexhead Torque Values

31 - Front axle, front-wheel steering	Value
31 42 - Telescopic forks	
Clamping screw (quick-release axle) in slider tube	
M8 x 35	19 Nm
Leading link to engine	
M12 x 20	Tightening torque, 45 Nm
	Additional torque, 73 Nm
Spring strut to front frame	
Hex nut, M10 x 1.25	34 Nm
Thread-locking compound (Loctite 243, Medium strength)	
Sealing screw in fork plug	
M4 x 8, Replace O-ring	2.3 Nm
Spring strut, front, to leading link	
M10 x 50 x 1.25 - 10.9, Replace screw, lubricate head	34 Nm
Thread-locking compound (Micro-encapsulated), Installation tool (Optimoly TA)	
Ball joint to leading link	
M14 x 1.5, Replace nut	130 Nm
Thread-locking compound (Micro-encapsulated)	
Fork bridge to front frame	
M14 x 1.5, Replace nut	130 Nm
Thread-locking compound (Micro-encapsulated)	
Ball joint in slider-tube bridge	
M34 x 1.5	230 Nm
Thread-locking compound (Micro-encapsulated)	
Fork bridge, top, to fork fixed tube	
M10 x 1.25	40 Nm
Thread-locking compound (mechanical)	
or, Thread-locking compound (Loctite 2701, High strength)	
Fork bridge, lower, to slider tube	
M8 x 25, Replace screw	25 Nm
Thread-locking compound (Micro-encapsulated)	
ESA holder to front frame	
M6 x 16, Replace screw	9 Nm
Thread-locking compound (Micro-encapsulated)	
32 - Steering	
32 71 - Motorcycle handlebars	
Handlebar weight to handlebar	
M12 x 80 x 1.5, Replace screw	21 Nm
Thread-locking compound (Micro-encapsulated)	
Handlebar clamping block to fork bridge	
M10 x 90 - 10.9	36 Nm
Handlebar to handlebar clamping block	
M8 x 30	16 Nm
32 72 - Handlebar lever	
Handlebar fitting to handlebar	
M5 x 20	5 Nm
Lever to handlebar fitting	
M5, Replace nut	7 Nm
Thread-locking compound (mechanical)	
Bleed screw to handlebar fitting	
M5	2.2 Nm
Fluid reservoir to handlebar fitting	
Screw for plastic, 3.5 x 20, Replace screw	1.7 Nm
33 - Rear axle, rear-wheel drive and rear-wheel guide	
33 11 - Final-drive unit housing with cover	
Housing cover to bevel gears	
M8 x 30	tighten in diagonally opposite sequence
	30 Nm
Hex nut to bevel pinion	
Clean the threads, M24 x 1.5	200 Nm

Hexhead Torque Values

Thread-locking compound (Loctite 2701, High strength)	
Threaded ring	
M65 x 1.5	180 Nm
Oil drain plug in bevel gears	
M12 x 1	20 Nm
Oil filler plug in final drive housing	
M12 x 1.5	20 Nm
with sealing ring 12 x 16	
33 17 - Rear-wheel drive hanger	
Final drive to swinging arm	
M12 x 1.5, Replace screw	100 Nm
Thread-locking compound (Micro-encapsulated)	
Paralever reaction link to frame	
M10 x 55-10.9, Replace screw	42 Nm
Thread-locking compound (Micro-encapsulated)	
Paralever reaction link to final drive	
M10 x 55-10.9, Replace nut	42 Nm
Thread-locking compound (mechanical)	
Lock nut, swinging arm to main frame, left	
M24 x 1.25	145 Nm
Floating-bearing stud, swinging arm to main frame, left	
M24 x 1.25	Tightening torque, 20 Nm
Lubricate thread and bearing seat, Installation tool (Optimoly TA)	slacken
	Tightening torque, 7 Nm
Fixed bearing stud, swinging arm to main frame, right	
M6 x 16	9 Nm
Cover screw in bearing stud, right	
M6 x 8	9 Nm
Link left to link right	
M6 x 16, Replace screw	8 Nm
Thread-locking compound (Micro-encapsulated)	
33 53 - Springs with mounts	
Spring strut to rear swinging arm	
M10 x 80 - 10.9	58 Nm
use thread-locking compound for repair, Thread-locking compound (Loctite 243, Medium strength)	
Spring strut to main frame	
M10 x 1.25 x 65 - 10.9, Replace nut, lubricate screw head	50 Nm
Thread-locking compound (mechanical), Installation tool (Optimoly TA)	
Knob for spring-strut adjustment to rear frame	
M8 x 20	19 Nm
34 - Brakes	Value
34 11 - Front brake	
Brake disc to front wheel	
Pan-head screw, M8 x 22 - 10.9, Replace screw	tighten by stages in diagonally opposite sequence
Thread-locking compound (Micro-encapsulated)	19 Nm
Brake caliper to slider tube	
M8 - 10.9	30 Nm
Brake caliper, front, bleed screw	10 Nm
Grubscrew, brake pads	6 Nm
Bleed screw on handbrake fitting	
M5	5 Nm
34 21 - Rear brake	
Brake caliper to bevel gears	
M8 x 25	24 Nm
Brake caliper, rear, bleed screw	5 Nm
Brake disc to wheel carrier	
M8 x 15.5, Replace screw	tighten by stages in diagonally opposite sequence
Thread-locking compound (Micro-encapsulated)	1st tightening torque, 12 Nm
	2nd tightening torque, 30 Nm
34 31 - Brake master cylinder	

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Piston rod, footbrake cylinder	
Locknut, M6	8 Nm
Footbrake cylinder to rear frame	
M6 x 20, Replace screw	8 Nm
Thread-locking compound (Micro-encapsulated)	
Brake fluid reservoir to rear frame	
M6 x 10, Replace screw	8 Nm
Thread-locking compound (Micro-encapsulated)	
34 32 - Brake lines	
Brake hose cover to strut	
M6 x 16	8 Nm
Brake hose with banjo bolt to components	
M10 x 1	24 Nm
Connecting element to rear frame	
M6 x 16	8 Nm
Brake line with union screw to components	
M10 x 1, M12 x 1	14 Nm
Brake line to front frame	
M6 x 16	11 Nm
34 51 - Mechanical, hydraulic components	
ABS pressure modulator on retainer	
M6 x 12	8 Nm
Bracket for ABS pressure modulator to engine	
M6 x 20, Replace screw	8 Nm
Thread-locking compound (Micro-encapsulated)	
34 52 - Electronic components	
Speed sensor to slider tube	
M5 x 10	4 Nm
Speed sensor to final drive housing cover	
M5 x 10	4 Nm
Cable clip to final drive housing cover	
M5 x 10	4 Nm
35 - Foot operation	Value
35 21 - Footbrake lever with connecting linkage	
Footbrake lever to rear frame	
M8 x 35	21 Nm
36 - Wheels and tyres	Value
36 31 - Wheels with bearings	
Quick-release axle in axle holder	
M24 x 1.5	50 Nm
Rear wheel to wheel carrier	
M10 x 53 x 1.25	tighten in diagonally opposite sequence
	60 Nm
Nipple on spoke	
M4	1st tightening torque, 1 Nm
	2nd tightening torque, 4 Nm
RDC sensor, front, to wheel rim	
Replace union nut	Tightening torque, 12 Nm
Thread-locking compound (Micro-encapsulated)	Slacken the nut
	Tightening torque, 12 Nm
RDC sensor to wheel rim	
Replace union nut	Tightening torque, 12 Nm
Thread-locking compound (Micro-encapsulated)	Slacken the nut
	Tightening torque, 12 Nm
Counter-hold spokes	
Grubscrew, M4	1 Nm
46 - Frame and mounted components	Value
46 51 - Motorcycle frame	
Rear frame to gearbox	
M8 x 55 10.9, Replace screw	1. Insert all screws; 2. tighten gearbox screw first; 3. then tighten remaining screws

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	28 Nm
Rear frame to engine	
Bottom, M12 x 50, Replace screw	55 Nm
Rear frame to engine, top, M10 x 40, Replace screw	38 Nm
Thread-locking compound (Micro-encapsulated)	
Front frame to engine	
M12 x 210, Install with thread-locking compound for repair	110 Nm
Thread-locking compound (Loctite 243, Medium strength)	
Frame strut to engine	
M10 x 40, Replace screw	38 Nm
Thread-locking compound (Micro-encapsulated)	
Frame struts to front frame	
M10 x 106 x 1 - 10.9, Replace screw	70 Nm
Thread-locking compound (Micro-encapsulated)	
46 52 - Centre stand	
Centre stand to main frame	
M10 x 30, Replace screw	40 Nm
Thread-locking compound (Micro-encapsulated)	
Spring engagement plate to centre stand	
M8 x 30	20 Nm
46 53 - Side stand	
Side stand to pivot mount	
M10 x 1, Replace screw	40 Nm
Thread-locking compound (Micro-encapsulated)	
46 54 - Luggage system	
Tail section to rear frame, rear	
M6 x 16, Replace screw	8 Nm
Thread-locking compound (Micro-encapsulated)	
Locknut to mushroom head	16 Nm
Tail section to rear frame, front	
M6 x 50, Replace screw	8 Nm
Thread-locking compound (Micro-encapsulated)	
Luggage carrier to rear frame	
M6 x 35, Replace screw	8 Nm
Thread-locking compound (Micro-encapsulated)	
Adjuster mechanism to case bottom	3 Nm
Seat lock to tail section	
M5 x 12	4 Nm
Adjuster mechanism to adjuster frame	3 Nm
Topcase support to rear frame	
M6 x 25	12 Nm
Lever to adjuster mechanism	1.5 Nm
Clamp, case carrier to rear frame	
M6 x 50	1. Tighten top screws 2. tighten bottom screws
	8 Nm
Locking mechanism to bottom of case	4 Nm
Cover to bottom of case	1 Nm
Case carrier through tail section to rear frame at top	
M6 x 35, Replace screw	8.5 Nm
Thread-locking compound (Micro-encapsulated)	
Lock strip to case lid	1.5 Nm
46 61 - Front-wheel cover	
Front-wheel cover, top, to fairing bracket	
M5 x 16	2.4 Nm
Front-wheel cover, bottom, to fork slider tube bridge	
M5 x 14, Replace screw	2.4 Nm
Thread-locking compound (Micro-encapsulated)	
Spoiler, top, to front-wheel cover	
M5 x 16	2.4 Nm
46 62 - Rear-wheel cover, number-plate carrier	
Number-plate carrier to rear frame	

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M5 x 16	2.4 Nm
Rear-wheel cover to frame, rear	
M5 x 16	2.4 Nm
Spray guard to rear-wheel drive	
M6 x 20, Replace screw	8 Nm
Thread-locking compound (Micro-encapsulated)	
Spray guard to bracket, rear-wheel drive	
M6 x 65, Replace screw	8 Nm
Thread-locking compound (Micro-encapsulated)	
Bracket, diagnosis plug to rear-wheel cover	
3.5 x 12 - 3.6	2.4 Nm
46 63 - Motorcycle fairing, windscreen	
Trim panels	
M5	2.5 Nm
Fairing bracket to front frame	
Bottom, M6 x 16, Replace screw	11 Nm
Thread-locking compound (Micro-encapsulated)	
Top, M6 x 25, Replace screw	11 Nm
Thread-locking compound (Micro-encapsulated)	
Windscreen to windscreen holder	
M5 x 18	2.5 Nm
Bracket for side panel to fairing bracket	
M5 x 16	5 Nm
Headlight carrier to fairing bracket	
M5 x 16	5 Nm
Holder for Rider's Manual to air-filter box	
M5 x 16	3 Nm
51 - Trim panels	
Value	
51 16 - Mirrors, covers, ashtrays, stowage compartments	
Mirror (locknut) to adapter	
Left-hand thread, M10 x 1.25	22 Nm
Adapter to clamping block	
M10 x 14 - 4.8	25 Nm
51 25 - Other fasteners	
Ignition/steering lock to fork bridge	
Non-removable screw, M8, Replace screw	20 Nm
Thread-locking compound (Micro-encapsulated)	
Locking bar to seat lock	
Plastic screw, 4 x 10	2 Nm
Cap to ignition switch/steering lock	
M3 x 20	0.6 Nm
52 - Seats and seat bench	
Value	
52 53 - Seat	
Front-seat bracket to rear frame	
Nut, M5	4 Nm
Latch for front seat to rear frame	
Nut, M5	4 Nm
61 - General vehicle electrics	
Value	
61 11 - Wiring harness	
Wiring harness with cable duct to rear frame	
M5 x 12	1.5 Nm
Wiring harness with cable duct to front frame	
M4 x 14	1.6 Nm
61 13 - Plug, terminal	
Wiring harness earth to cylinder head	
M6 x 10	8 Nm
Wiring harness earth to crankcase	
M6 x 12 - 10.9	8 Nm
On-board socket to rear-wheel cover	
M18 x 1	3 Nm

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61 21 - Battery with holder	
Wiring harness to battery	
M6	3.5 Nm
Battery holder to intake air silencer	
M5 x 16	5 Nm
61 31 - Switch, sensor	
Multifunction switch to handlebar grip	
PT screw K30 x 10	0.6 Nm
Handlebar grip, left, to handlebar	
M3.5 x 32	2 Nm
Cover to multifunction switch	
PT screw K30 x 10	0.6 Nm
Cover to throttle-twistgrip unit	
Pan-head screw, 4 x 30	3 Nm
Throttle-twistgrip unit to handlebar (clamp)	
M5 x 20	5 Nm
Clutch switch to handlebar fitting	
Screw, M2 x 12	0.3 Nm
Grub screw, M4 x 8	0.6 Nm
Thread-locking compound (Micro-encapsulated) for re-use, Thread-locking compound (Loctite 243, Medium strength)	
61 33 - Horn	
Horn to frame	
M6 x 12	6 Nm
62 - Instruments	
	Value
62 21 - Instrument carrier	
Bracket, instrument cluster to headlight housing	
Screw for plastic, 3,5 x 12	1 Nm
63 - Lights	
	Value
63 12 - Headlight	
Headlight to headlight carrier	
M6 x 30	5 Nm
63 13 - Flashing turn indicators, front	
Flashing turn indicator to headlight carrier	
M6 x 16	2 Nm
Glass to turn indicator housing, front	0.6 Nm
63 14 - Position lights and side lights, reflectors	
Adapter, license-plate carrier, US, to license-plate carrier	
M5 x 16	5 Nm
63 21 - Rear-light cluster	
Rear light to number-plate carrier	
M6, Replace nut	4 Nm
Thread-locking compound (mechanical)	
63 23 - Flashing turn indicators, rear	
Flashing turn indicator to number-plate carrier	
M6 x 22	2 Nm
Thread-locking compound (mechanical)	
Glass to turn indicator housing, rear	0.6 Nm
65 - Audio, navigation, information systems	
	Value
65 75 - Anti-theft alarm	
Anti-theft alarm to rear-wheel cover	
M5 x 12	1 Nm
65 81 - On-board computer	
Temperature sensor to fairing bracket	
M5 x 16	2.4 Nm
77 - Optional accessories, motorcycle	
	Value
77 12 - Housing cover, cover, cover panel	
Cylinder-head cover guard to cylinder-head cover	
M6	10 Nm
77 25 - Frame, footrests, mounted parts	

Hexhead Torque Values

Frame guard to frame	
M5	5 Nm
Frame guard to clamp	
M6	8 Nm