

Specification	Desc./Quantity
Starter resistance	20 Ohm (at 24°)

Tightening Torques

LUBRICATION

Name	Torque in Nm
Hub oil drainage cap	15 ± 17
Oil filter	4 ± 6
Oil pump cover screws	5 - 6
Oil pump screws	5 - 6
Pump control pulley screw	10 ± 14
Chain cover screws	4 ± 6
Oil sump screws	10 ± 14
Minimum oil pressure sensor	12 ± 14
Blow-by recovery duct fixing screws	3 - 4

HEAD AND CYLINDER

Name	Torque in Nm
Ignition spark plug	12 ± 14
Head cover screws	11 ± 13
Nuts fixing head to cylinder (*)	28 ± 30
Head fixing screws (external)	11 ± 13
Starter ground screw	7 ± 8.5
Flywheel cover screw	1 ± 2
Flywheel air manifold screw	3 ± 4
Pressure reducer counterweight retainer	7 ± 8.5
Camshaft pulley screw	12 ± 14
Timing chain tensioner slider screw	10 ± 14
Starter ground support screw	11 ± 15
Tensioner screws	11 ± 13
Timing chain tensioner central screw	5 - 6
Camshaft retention plate screw	5 - 6
Nut fixing muffler to cylinder head	16 ± 18
Head intake manifold screw	11 ± 13

TRANSMISSION

Name	Torque in Nm
Drive pulley nut	75 ± 83
Transmission cover screw	11 ± 13
Driven pulley shaft nut	54 ± 60
Rear hub cap screw	24 ± 27
Clutch unit nut on driven pulley	45 ± 50

FLYWHEEL

Name	Torque in Nm
Flywheel fan screws	3 ± 4
Stator assembly screws (*)	3 ± 4
Flywheel nut	52 ± 58
Pick-up screw	3 ± 4

(*) Apply LOCTITE 243 threadlock

CRANKCASE AND CRANKSHAFT

Name	Torque in Nm
Internal engine crankcase bulkhead (transmission-side half shaft) screws	4 ± 6
Oil filter on crankcase fitting	27 ± 33
Rear brake cam tightening screw	11 ± 13
Engine-crankcase coupling screws	11 ± 13
Pre-filter cap	24 ± 30
Starter motor fixing screw	11 ± 13
Muffler to crankcase fixing screws	24 ± 27
Engine oil drainage cap	24 ± 30

STEERING ASSEMBLY

Name	Torque in Nm
Steering upper ring nut	35 ± 40
Steering lower ring nut	8 ± 10
Handlebar fixing screw	50 ± 55

FRAME

Name	Torque in Nm
Engine arm bolt - frame arm	33 ± 41
Engine-swinging arm bolt	33 ± 41
Frame arm-engine arm bolt	60 ± 64
Centre stand pin	32 ± 40
Bolts mounting rocker arm silent-block	36 ± 44

FRONT SUSPENSION

Name	Torque in Nm
Lower fork fixing screw	15 ± 20
Front wheel axle nut	45 - 50

FRONT BRAKE

Name	Torque in Nm
Brake fluid pump - hose fitting	16 ± 20 Nm
Brake fluid tube - calliper fitting	19 ± 24
Calliper tightening screw	24 ± 27
Disc tightening screw	8 ± 10
Oil bleed screw	7 ± 10

REAR SUSPENSION

Name	Torque in Nm
Rear wheel axle	104 ± 126
Lower shock absorber clamp	33 ± 41
Shock absorber/frame nut:	20 ± 25
shock absorber to crankcase clamping bracket	20 - 25

Overhaul data

Assembly clearances