

SUB-SECTION 4-5

TORQUE SPECIFICATIONS

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Size	Location	Maximum	
		Tightening kg-m	Torque ft-lb
M6x25	Chain guard screw	1,1	8
* M5x12	Cam retaining spring screw (Loctite)	0,5	4
M5x16	Oil pump screw	.4	3
M5x28	Oil pump screw	.4	3
M6x11,5	Oil level plug (Allen)	0,5	4
M5x16	Armature plate screw	0,5	4
M8x20	Exhaust socket screw	2,1	15
M5x12	Bearing retaining plate screw (Loctite)	0,5	4
M5x16	Disk valve cover screw (Loctite)	0,5	4
M8x16	Crankcase drain plug	2,1	15
M6x50	Clutch cover, mag. cover screws (Allen)	0,8	6
* M5x25	Clutch spring retaining plate screws (Loctite)	0,5	4
M12	Kick start stop screw	3,5	25
M12	Transmission drain plug	1,1	8
M14	Shift drum index plug	3,5	25
M6x35	Clutch cover screw (Allen)	0,8	6
M6x40	Clutch cover screw	0,8	6
M6x45	Crankcase screw	1,1	8
M6x45	Magneto cover screw	0,8	6
M6x16	Banjo bolt	.6	4
M5x12	Oil pump cover screw (Allen)	0,5	4
---	Neutral indicator contact screw	0,5	4
M6x70	Crankcase screw (Allen)	1,1	8
M6x20	Shift lever clamp screw (Allen)	1,1	8
M8x22	Kick start hub clamp screw	2,1	15
M12x21	Pawl positioning locking nut (Loctite)	2,8	20
M16x1,5	Crankshaft nut, mag. side, (Loctite)	8	60
* M7	Cylinder head nut (125 / 175)	1,6	12
* M8	Cylinder head nut (250)	1,9	14
* M8	Cylinder base nut	3,0	22
M18x1,5	Crankshaft nut, clutch side (Loctite)	12	90
M16x1,5	Clutch hub and engine sprocket nuts (Loctite)	10	75
M6	Oil pump gear lock nut	.4	3
M4x.7	Ignition coil screw (Loctite)	.4	3
M14x1.25	Spark plug	2,8	20
* M8	Cylinder studs	1,1	8
* ---	Spoke nipples (front & rear)	.48	3,5
* M16x1,50	Swing arm pivot bolt nut	7	50

*REVISED OR NEW SPEC.

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Description	Size	Used at	Tightening kpm	Torque ft lb
Screw hex. head	M6x25	Chain guard	1,1	8
Screw, slot head	M5x12	Cam retaining spring	0,5	4
Screw	M5x16	Oil pump	.5	4
Screw	M5x28	Oil pump	.5	4
Screw, allen head	M6x11,5	Plug, oil level	0,5	4
Screw	M5x16	Armature plate	0,5	4
Screw	M8x20	Exhaust	2,1	15
Screw, count. slot head	M5x12	Retaining plate	0,5	4
Screw	M5x16	Disk valve cover	0,5	4
Screw, hex. head	M8x16	Drain plug, crankcase	2,1	15
Screw, allen head	M6x50	Clutch cover, mag. cover	0,8	6
Screw, hex. head	M5x25	Plate, clutch spring ret.	0,5	4
Screw, kickstarter stop	M12	Kick start	3,5	25
Plug, magnetic drain	M12	—	2,1	15
Plug, transmission index	M14	—	3,5	25
Screw, allen head	M6x35	Clutch cover	0,8	6
Screw	M6x40	Clutch cover	0,8	6
Screw	M6x45	Crankcase	1,1	8
Screw	M6x45	Magneto cover	0,8	6
Bolt, banjo	M6x16	Banjo	.4	3
Screw, allen head	M5x12	Oil pump cover	0,5	4
Contact screw assy		Neutral indicator	0,5	4
Screw, allen head	M6x70	Crankcase	1,1	8
Plug	M14	Cylinder head	3,5	25
Screw, allen head	M6x20	Shift lever	1,1	8
Screw, hex. head	M8x28	Kickstart hub	2,1	15
Nut	M12x1	Pawl positioning locking	2,8	20
Hex. nut	M16x1,5	Crankshaft M.S.	8	60
Nut	M8	Cylinder base	2,8	20
Hex. nut	M7	Cylinder head	1,5	11
Nut	M18x1,5	Crankshaft C.S.	12	90
Nut	M16x1,5	Clutch hub and engine sprocket	10	75
Lock nut	M6	Oil pump gear	.4	3
Screw	M4x.7	Ign. & lighting coils	.4	3
Spark plug	M14x1.25	—	2,8	20