

GENERAL INFORMATION

LUBRICATION & SEAL POINTS

ENGINE

MATERIAL	LOCATION	REMARKS
Sealant (ThreeBond 1215 or equivalent)	Crankcase mating area	
	Alternator wire grommet seating surface	
Engine oil	Oil pump rotors	
	Oil filter rotor lock nut threads and seating surface	
	Oil through sliding area	
	Rocker arm shaft whole surface	
	Rocker arm inner surface and roller surface	
	Rocker arm valve adjusting nut threads	
	Cam chain whole surface	
	Camshaft holder special nut threads and seating surface	
	Cylinder inner surface	
	Piston sliding surface, piston pin hole and ring grooves	
	Piston ring whole surface	
	Clutch disc whole surface	
	Clutch center lock nut threads and seating surface	
	Clutch lifter arm sliding surface	
	Flywheel nut threads and seating surface	
	Gearshift spindle journal	
	Starter reduction gear shaft whole surface	
	Starter clutch rolling surface	
	Shift fork shaft whole surface	
	Shift drum journals and guide grooves	
	Gear teeth (primary, transmission, kickstarter)	
	Each bearing rotating area	
	Each O-ring	
Multi-purpose grease	Each oil seal lip	
	Crankshaft hole cap threads	
Molybdenum disulfide oil (a mixture of 1/2 engine oil and 1/2 molybdenum disulfide grease)	Valve stem sliding surface and stem end	
	Camshaft cam whole surface	
	Piston pin outer surface	
	Clutch outer guide outer surface	
	Crankshaft connecting rod big end needle bearing	Drip 1 – 2 cm ³
	Crankshaft connecting rod small end inner surface	
	Crankshaft bearing push plug whole surface	
	Right crankshaft bearing rotating surface	
	Starter driven gear inner surface	
	M4, M5, C1, C2, C3 gear inner surface	
	C1, C2, C3 gear bushing whole surface	
	M3, C4, C5 gear shift fork groove	
	Kickstarter pinion inner surface	
	Kickstarter idle gear inner bushing whole surface	
Locking agent	Shift drum stopper arm bolt threads	Coating width: 6.5 ± 1.0 mm (0.26 ± 0.04 in) from tip
	Gearshift cam bolt threads	Coating width: 6.5 ± 1.0 mm (0.26 ± 0.04 in) from tip
	Starter clutch bolt threads	Coating width: 6.5 ± 1.0 mm (0.26 ± 0.04 in) from tip
	Ignition pulse generator mounting bolt threads	Coating width: 6.5 ± 1.0 mm (0.26 ± 0.04 in) from tip
	Mainshaft bearing setting plate bolt threads	Coating width: 6.5 ± 1.0 mm (0.26 ± 0.04 in) from tip
	Alternator stator wire guide bolt threads	Coating width: 6.5 ± 1.0 mm (0.26 ± 0.04 in) from tip
	Crankshaft bearing push plug bolt threads	Coating width: 6.5 ± 1.0 mm (0.26 ± 0.04 in) from tip
Degreasing	Flywheel and crankshaft contact areas	