

General Information

Lubrication & Seal Points

Engine	Location	Material	Remarks
	Crankcase mating surfaces	Liquid sealant	
	Oil pump O-ring Oil pump shaft bearing Cylinder Piston Piston pin Connecting rod small end bearing Crankshaft oil seals Crankshaft 12 mm threaded portion	Honda 2-stroke engine oil	
	Crankshaft bearings	Multipurpose grease	
	Oil pump gear	Molybdenum disulfide grease	
	Driven face Kickstarter driven gear Kickstarter spindle bearing Starter pinion bearing	Lithium based grease — MITSUBISHI: HD-3 — NIPPON SEKIYU: LIPANOX DELUX 3 — IDEMITSU: AUTOLEX B	Pack 5.0–5.5 g (0.18–0.19 oz) of grease to the inside.
	Transmission (final reduction) case	Hypoid gear oil #90	90 cc (3.04 US oz, 3.16 Imp oz)
	Transmission (final reduction) oil seal Cylinder head bolts	4-stroke engine oil	

Frame	Location	Material	Remarks
	Front wheel dust seal lip Fork Fork dust seal lip Fork tube bushing sliding surface Rebound spring Fork spring tightly wound coils Front brake cam Front brake panel anchor pin Front brake panel oil seal lip Rear brake cam Rear brake anchor pin Steering stem bearings Steering stem bearing races Speedometer cable Seat lock pivot Center stand pivot Speedometer gear Speedometer pinion	Multipurpose grease	Pack 1.5–2 g (0.05–0.07 oz) of grease between the bottom case and fork tube (page 11-9).
	Inside of the front brake cable boot Inside of the rear brake cable boot	Silicone grease	