LUBRICATION SYSTEM

Unit: mm (in)

ITEM		STANDARD	SERVICE LIMIT
Engine oil capacity	At draining	1.56 ℓ (1.65 US qt , 1.37 Imp qt)	———
	At oil filter change	1.6 ℓ (1.7 US qt , 1.4 Imp qt)	———
	At disassembly	2.0 ℓ (2.1 US qt , 1.8 Imp qt)	———
Recommended engine oil		HONDA 4-stroke oil or equivalent motor oil API service classification: SE, SF or SG	———
Oil pump rotor A, B	Body clearance	0.15—0.22 (0.006—0.009)	0.35 (0.014)
	Tip clearance	0.15 (0.006)	0.20 (0.008)
	Side clearance	0.03—0.08 (0.001—0.003)	0.10 (0.004)

FUEL SYSTEM

ITEM		SPECIFICATIONS
Carburetor identification number	ED, DK types	PE78C
	U type	PE78D
Main jet	ED, DK types	# 175
	U type	# 112
Slow jet		# 65
Jet needle clip position		3rd groove from top
Pilot screw opening		see page 5-15
Float level		16.0 mm (0.63 in)
Idle speed		1,400 ± 100 min^{-1} (rpm)
Throttle grip free play		2.0—6.0 mm (1/16—1/4 in)

COOLING SYSTEM

ITEM		SPECIFICATIONS
Coolant capacity	Radiator and engine	1.52 ℓ (1.61 US qt , 1.34 Imp qt)
	Reserve tank	0.20 ℓ (0.21 US qt , 0.18 Imp qt)
Radiator cap relief pressure		108—137 kPa (1.1—1.4 kgf/cm^2 , 16—20 psi)
Thermostat	Begin to open	80—84 °C (176—183 °F)
	Fully open	95 °C (203 °F)
	Valve lift	8 mm (0.3 in) minimum
Standard coolant concentration		50 % mixture with soft water