

GENERAL INFORMATION

Unit: mm (in)

LUBRICATION SYSTEM		STANDARD	SERVICE LIMIT
ITEM			
Engine oil capacity	At draining	1.0 liter (1.06 US qt, 0.88 Imp qt)	—
	At disassembly	1.3 liter (1.37 US qt, 1.14 Imp qt)	—
Recommended engine oil		Honda 4-stroke oil or equivalent motor oil API service classification SE, SF or SG Viscosity: SAE 10W-30	—
Oil pump rotor	Tip clearance	—	0.20 (0.008)
	Body clearance	0.150 – 0.210 (0.0059 – 0.0083)	0.26 (0.010)
	Side clearance	0.050 – 0.100 (0.0020 – 0.0040)	0.15 (0.006)

FUEL SYSTEM		SPECIFICATIONS
ITEM		
Carburetor identification number		VK6AA
Main jet		#115
Slow jet		#35
Pilot screw opening		See page 5-14
Float level		13 mm (0.5 in)
Idle speed		1,400 ± 100 min ⁻¹ (rpm)
Throttle grip free play		2 – 6 mm (1/12 – 1/4 in)

COOLING SYSTEM		SPECIFICATIONS
ITEM		
Coolant capacity	Radiator and engine	0.76 liter (0.20 US qt, 0.17 Imp qt)
	Reserve tank	0.24 liter (0.06 US qt, 0.05 Imp qt)
Radiator cap relief pressure		108 kPa (1.1 kgf/cm ² , 16 psi)
Thermostat	Begin to open	69.5 – 72.5°C (157.1 – 162.5°F)
	Fully open	80°C (176°F)
	Valve lift	3.5 mm (0.14 in) minimum

Unit: mm (in)

CLUTCH/GEARSHIFT LINKAGE		STANDARD	SERVICE LIMIT	
ITEM				
Clutch	Lever free play	10 – 20 (3/8 – 13/16)	—	
	Spring free length	37.6 (1.48)	36.6 (1.44)	
	Disc thickness	A	3.5 – 3.6 (0.138 – 0.142)	3.1 (0.12)
		B	2.92 – 3.08 (0.115 – 0.121)	2.60 (0.102)
	Plate warpage	—	0.2 (0.008)	
	Outer guide	O.D.	22.959 – 22.980 (0.9039 – 0.9047)	22.93 (0.903)
		I.D.	16.991 – 17.009 (0.6689 – 0.6696)	17.04 (0.671)
Outer I.D.	23.000 – 23.013 (0.9055 – 0.9060)	23.06 (0.908)		
Mainshaft O.D. at clutch outer guide		16.996 – 16.984 (0.6680 – 0.6687)	16.935 (0.6667)	