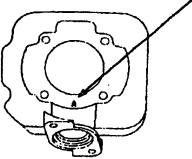
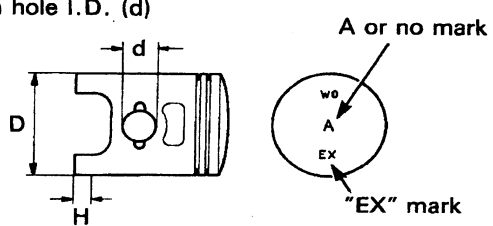


General Information

Unit: mm (in)

Lubrication	Item	Standard	Service limit
	Engine oil tank capacity	1.2 liters (1.27 US qt, 1.06 Imp qt)	—
	Recommended engine oil	Use Honda 2-stroke oil or equivalent	—

Fuel System	Item	Standard	Service limit
	Carburetor identification number	PB80P	—
	Main jet	#75A	—
	Slow jet	#35	—
	Jet needle clip position	3rd groove	—
	Air screw initial opening	1-1/4 turns out	—
	Air screw high altitude adjustment	—	—
	Float level	8.0 (0.31)	—
	Idle speed	1,800 ± 100 min ⁻¹ (rpm)	—
	Throttle grip free play	2-6 (0.08-0.24 in)	—

Cylinder Head/Cylinder/Piston	Item	Standard	Service limit
	Cylinder compression	981 kPa (10.0 kg/cm ² , 142 psi)/600 min ⁻¹ (rpm)	—
	Cylinder head warpage	—	0.01 (0.0004)
	Cylinder warpage	—	0.01 (0.0004)
	Cylinder identification mark location	Lower surface of the cylinder	—
			
	Cylinder I.D. A mark	39.000-39.005 (1.5354-1.5356)	39.05 (1.537)
	No mark	39.005-39.010 (1.5356-1.5358)	39.05 (1.537)
	out of round	—	0.10 (0.004)
	taper	—	0.10 (0.004)
	Piston mark direction	"EX" mark facing exhaust side	
	Piston O.D. (D) A mark	38.955-38.960 (1.5337-1.5339)	38.90 (1.531)
	B mark	38.965-38.970 (1.5341-1.5342)	38.90 (1.531)
	No mark	38.960-38.965 (1.5339-1.5341)	38.90 (1.531)
	Piston O.D. measurement point (H)	6.5 (0.26) from the bottom	—
	Piston pin hole I.D. (d)	12.002-12.008 (0.4725-0.4728)	12.03 (0.474)
			
	Cylinder-to-piston clearance	0.035-0.050 (0.0014-0.0020)	0.10 (0.004)
	Piston pin O.D.	11.994-12.000 (0.4722-0.2724)	11.98 (0.4717)
	Piston-to-piston pin clearance	0.002-0.014 (0.0001-0.0006)	0.03 (0.001)
	Top ring-to-ring groove clearance	—	—
	Second ring-to-ring groove clearance	—	—
	Top ring end gap	0.10-0.25 (0.004-0.010)	0.40 (0.016)
	Second ring end gap	0.10-0.25 (0.004-0.010)	0.40 (0.016)
	Top ring mark	"N" mark	—
	Second ring mark	"ZT" mark	—