

4. MAINTENANCE STANDARDS

Engine

Unit: mm (in.)

[]: 360 cc only

Items to be inspected		Standard	Service Limit
Rocker arm-to-rocker arm shaft clearance		0.016-0.061 (0.0006-0.0024)	0.1 (0.0039)
Cam lift	IN.	40.314 (1.5872)	40.1 (1.5787)
	EX.	40.339 (1.5882)	40.1 (1.5787)
Camshaft side clearance		0.07-0.3 (0.0028-0.0118)	Above and below standards
Valve seat width		1.0-1.3 (0.0394-0.0512)	2.0 (0.0787)
O.D. of valve stem	IN.	6.975-6.990 (0.2746-0.2752)	6.93 (0.2728)
	EX.	6.955-6.970 (0.2738-0.2744)	6.93 (0.2728)
Valve-to-valve guide clearance	IN.	0.01-0.035 (0.0004-0.0014)	6.93 (0.2728)
	EX.	0.03-0.05 (0.0012-0.0020)	0.09 (0.0035)
Valve spring tension/ as compressed length	INNER	30.5-35.1 kg/31 (67.24-77.38 lbs/1.2205)	—
	OUTER	62.6-72.0 kg/31 (138.01-158.73 lbs/1.2205)	—
Free length of valve spring	INNER	39.8 (1.5669)	39.3 (1.5709)
	OUTER	49.0 (1.9291)	47.8 (1.8819)
Transverse warpage on cylinder head mating face		—	0.3 (0.0118)
I.D. of cylinder		56.01-56.02 (2.2051-2.2055) [67.01-67.02 (2.6382-2.6386)]	56.1 (2.2087) [67.1 (2.6417)]
O.D. of piston at skirt		55.97-55.99 (2.2036-2.2043) [66.97-66.99 (2.6366-2.6374)]	55.85 (2.1988) [66.85 (2.6319)]
Piston pin hole I.D.		15.002-15.008 (0.5906-0.5909) [16.002-16.008 (0.6300-0.6302)]	15.05 (0.5925) [16.05 (0.6319)]
O.D. of piston pin		14.994-15.00 (0.5903-0.5906) [15.994-16.00 (0.6297-0.6299)]	14.9 (0.5866) [15.9 (0.6260)]
Piston ring-to-ring groove clearance	TOP	0.02-0.06 (0.0008-0.0024)	0.15 (0.0059)
	SECOND	0.015-0.045 (0.0006-0.0018) [0.02-0.04 (0.0008-0.0016)]	0.15 (0.0059) [0.15 (0.0059)]
	OIL	0.010-0.045 (0.0004-0.0018)	0.15 (0.0059)
Piston ring end gap	TOP	0.15-0.35 (0.0059-0.0138) [0.2-0.4 (0.0079-0.0157)]	0.75 (0.0295) [0.8 (0.0315)]
	SECOND	0.15-0.35 (0.0059-0.0138)	0.75 (0.0295)
	OIL	0.2-0.4 (0.0079-0.0157)	0.8 (0.0315)
Oil pump outer rotor-to-pump body clearance		0.15-0.21 (0.0059-0.0083)	0.35 (0.0138)
Radial clearance of oil pump outer rotor		0.02-0.08 (0.0008-0.0032)	0.1 (0.0039)
Thickness of clutch friction disc		2.62-2.78 (0.1031-0.1095)	2.3 (0.9055)
Transverse warpage on clutch plate		0.1 (0.0039)	0.2 (0.0079)
Clutch spring tension		25/21.8-23.2 kg (0.984/48.06-51.15 lbs)	—
Free length of clutch spring		31.25 (1.2305)	29.7 (1.1693)
Gear shift fork width, A and B		5.93-6.00 (0.2335-0.2362)	5.5 (0.2165)
O.D. of gear shift guide shaft		12.957-12.984 (0.5101-0.5112)	12.9 (0.5079)