

2. 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)