

Items to be inspected	Standard	Service Limit
I.D. of gear shift fork A	13.000–13.018 (0.5118–0.5125)	12.95 (0.5098)
O.D. of gear shift drum	39.950–39.975 (1.5374–1.5384)	39.9 (1.5709)
I.D. of gear shift fork B	40.000–40.025 (1.5748–1.5758)	40.075 (1.5798)
Kick starter pinion-to-shaft clearance	0.04–0.082 (0.0016–0.0032)	0.1 (0.0039)
Gear shift fork-to-drum clearance (A and B)	0.05–0.22 (0.0020–0.0087)	0.3 (0.0118)
Thickness of cam chain tensioner slipper (at center)	4.0 (0.1575)	3.0 (0.1181)
Thickness of cam chain guide (at center)	6.1–6.3 (0.2402–0.2480)	5.9 (0.1969)
Crankshaft runout (See Fig. 4–101 on page 62)	–	Below 0.1 (0.0039)
I.D. of connecting rod small end	15.016–15.034 (0.5912–0.5919)	15.07 (0.5933)
Connecting rod big end side clearance on pin	0.07–0.33 (0.0028–0.0130)	0.60 (0.0236)
Connecting rod big end radial clearance on pin	0.004–0.012 (0.0002–0.0005)	0.05 (0.0020)

Frame

Items to be inspected	Standard	Service Limit
Wheel rim surface runout	0.5 (0.0197) max.	2.0 (0.787)
Wheel bearing axial play	0.07 (0.0276) max.	0.1 (0.0039)
Wheel bearing radial play	0.03 (0.0012) max.	0.05 (0.0020)
Front axle bend	0.01 (0.0004)	0.2 (0.0079)
Rear axle bend	0.01 (0.0004)	0.2 (0.0079)
Thickness of brake lining	4.9–5.0 (0.1929–0.1969)	2.5 (0.098)
I.D. of rear brake drum	160.0–160.3 (6.2992–6.3110)	161 (6.3386)
Free length of front suspension spring	478.6 (18.843)	468.0 (18.425)
I.D. of front fork bottom case	33.025–33.064 (1.3002–1.3017)	33.139 (1.3047)
O.D. of front fork pipe	32.97–32.985 (1.2980–1.2986)	32.25 (1.2697)
Free length of rear suspension spring	207.6 (8.1732)	
O.D. of rear fork center collar	21.427–21.460 (0.8436–0.8449)	21.46 (0.8449)
I.D. of rear fork bushing	21.5–21.552 (0.8465–0.8485)	21.70 (0.8543)