

| 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)       | 5.0 (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)    |
| Transverse warpage on front brake disc | 0.05 (0.0020)                 | 0.3 (0.0118)    |
| Thickness of front brake disc          | 6.9-7.1 (0.2717-0.2795)       | 6.0 (0.2362)    |
| I.D. of caliper cylinder               | 38.18-38.20 (1.5032-1.5039)   | 38.215 (1.5045) |
| O.D. of caliper piston                 | 38.115-38.18 (1.5006-1.5032)  | 38.105 (1.5002) |
| I.D. of master cylinder                | 14.000-14.043 (0.5512-0.5529) | 14.055 (0.5534) |
| O.D. of master cylinder piston         | 13.957-13.984 (0.5495-0.5506) | 13.940 (0.5488) |
| 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)  |