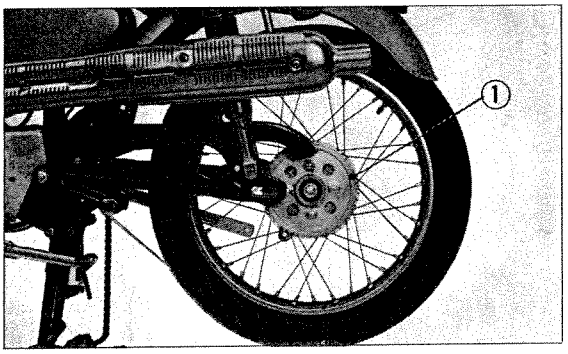
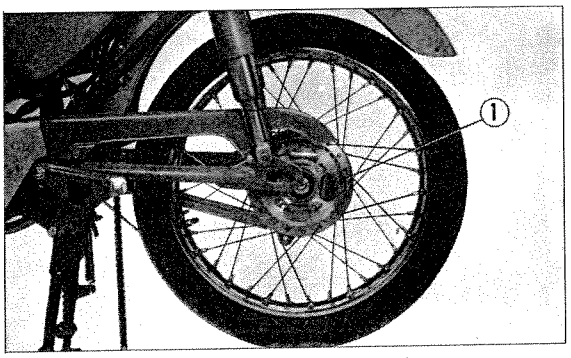
5. Remove the 58 mm circlip using a plier ; the final driven sprocket can be removed from the rear wheel.
   The sprocket on the earlier models is fixed with 4 nuts and locked with tongued washers in addition to the circlip.
6. Remove the oil seal internal retainer, two 6303R ball bearings, and the rear axle distance collars.
7. The rear brake shoe can be removed from the rear brake panel by spreading the shoes apart by hand. **(Fig. 4-63)**
8. Use the tire lever to remove the tire and tube.




① Rear wheel
**Fig. 4-62-1.** Removing the rear wheel




① Removing the rear wheel
**Fig. 4-62-2.** Rear wheel

## C. Inspection

1. Rim runout. **(Fig. 4-64)**

| Item | Standard Value | Serviceable Limit |
|---|---|---|
| Side runout | 0.5 mm Max (0.02 in) | Replace or repair if over 3.0 mm (0.118 in) |
| Vertical runout | 0.5 mm Max (0.02 in) | Replace or repair if over 3.0 mm (0.118 in) |

2. Axle bend and wear. **(Fig. 4-65)**

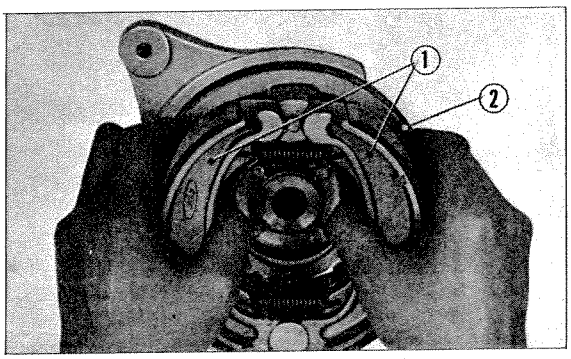
| Item | | Standard Value | Serviceable Limit |
|---|---|---|---|
| Outside diameter | CB125 CL125 | 14.957~14.984 mm (0.5886~0.5899 in) | — |
| | CB175 CL175 | 16.957~16.984 mm (0.6676~0.6686 in) | — |
| Bend | | 0.01 mm Max. (0.0004 in) | Replace if over 0.2 mm (0.008 in) |

3. Rear brake shoe spring.

| Item | | Standard Value |
|---|---|---|
| Free length | CB125 CL125 | 35 mm (1.377 in) |
| | CB175 CL175 | 41 mm (1.615 in) |
| Tension | CB125 CL125 | 43 mm/6.5 kg (1.693 in/14.3 lbs) |
| | CB175 CL175 | 47 mm/7.8 kg (1.850 in/17.15 lbs) |

4. Rear brake shoe diameter and lining thickness. **(Fig. 4-66)**

| Item | | Standard Value |
|---|---|---|
| Diameter | CB125 CL125 | 129.8~130 mm (5.110~5.118 in) |
| | CB175 CL175 | 139.8~140 mm (5.504~5.512 in) |
| Lining thickness | CB125 CL125 | 4.0~4.3 mm (0.157~0.169 in) |
| | CB175 CL175 | 4.5~4.8 mm (0.177~0.189 in) |




① Rear brake shoes ② Rear brake panel
**Fig. 4-63.** Removing the brake shoes

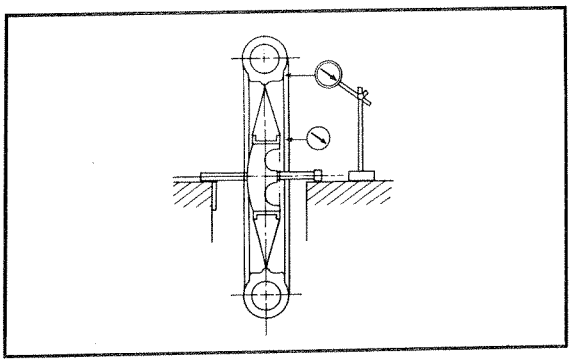


**Fig. 4-64.** Runout of the rim