

3. Check brake shoe spring.

Item	Standard value	Serviceable limit
Free length	28.7 (1.130 in)	Replace if over 3.30 (1.2992 in)
Tension	39.0mm/11.4kg (1.535 in~25.137 lb)	—

4. Check the brake shoes.

Item	Standard value	Serviceable limit
Outside diameter	109.2~109.5 (4.2950~4.31 in)	Replace if under 107.5 (4.2323 in)
Lining thickness	4 (0.5575 in)	3 (0.1181 in)

5. Check the thickness of the rear brake cam.

Standard value : 6 mm (0.236 in)

Serviceable limit : Replace if excessively worn, deformed or damaged.

6. Check the spokes for tightness. 8~25 kg·cm (0.6~1.8 ft·lbs)

Retorque any spoke found loose.

7. Inspect the tube for leaks by inflating, submerge in water and check for bubbles.

8. Inspect the tire both on the inside as well as the outside for damages and imbedded nails.

D. Reassembly

1. Install the rim band ① so that it completely covers the spoke nipple. (Fig. 4.99)

2. Assemble the tube and tire ③ to the rim ① by inflating the tube slightly so that it holds the shape, place inside the tire and then install the tire on the rim. (Fig. 4.100)

CAUTION

a. After the tire has been installed on the rim, inflate to approximately 1/3 normal pressure (1.8~2.0 kg/cm² ; 25.6~28.5 lbs/in²) and then lightly tap the tire all the way around with a mallet to correct any portion of the tube which may be pinched.

b. The tube valve stem must be pointed radially inward toward the axle, otherwise, air leak may develop.

3. Drive the ball bearing into the final driven flange, and install the oil seal and the rear axle sleeve collar. (Fig. 4.101)

4. Assemble the final driven sprocket to the final driven flange (assemble final driven flange A and B on CT90 F.No. 122550 and earlier) and in-

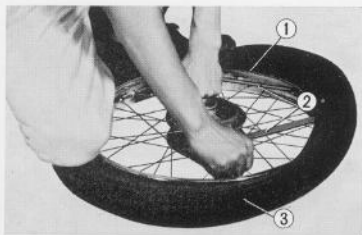


Fig. 4.100 Assembling tire

- ① Rear wheel rim
- ② Tire lever
- ③ Rear wheel tire

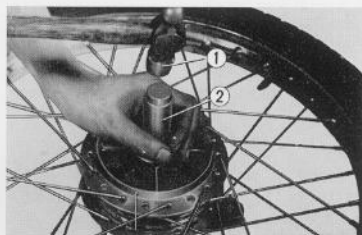


Fig. 4.101 Replacing ball bearing

- ① Hammer
- ② Bearing driver