

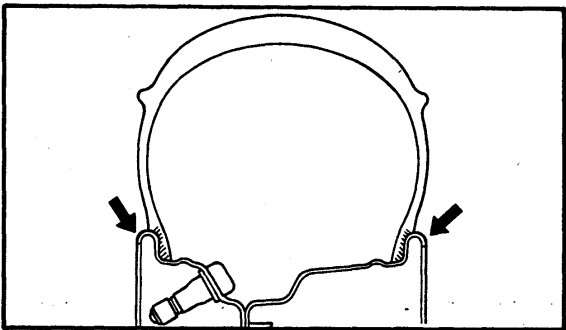
2. Measure:

- Wheel runout
Over specified limit → Replace wheel or check bearing play ③ .



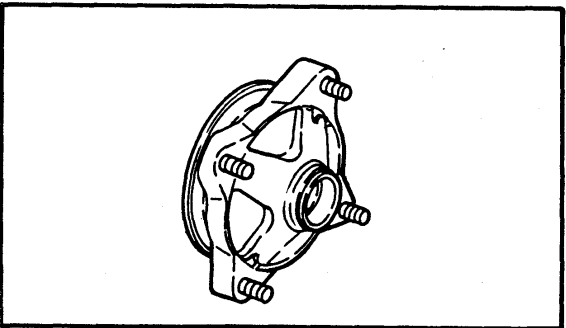
Rim Runout Limits:

- Radial ① : 2.0 mm (0.08 in)
- Lateral ② : 2.0 mm (0.08 in)



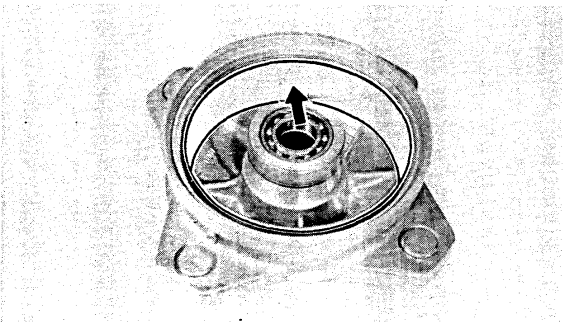
⚠ WARNING:

After replacing the tire, ride conservatively to allow the tire to be properly seated in the rim. Failure to do so may cause an accident resulting in machine damage and possible operator injury.



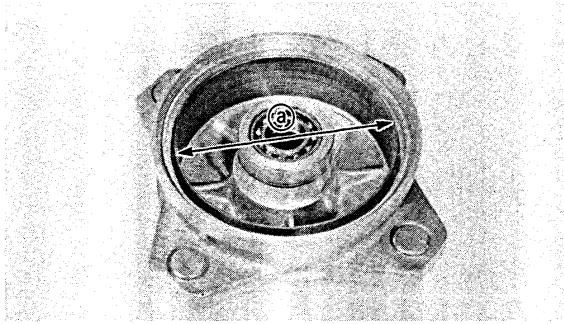
3. Inspect:

- Front wheel hub
Cracks/Damage → Replace.



4. Inspect:

- Brake drum (Inner surface)
Oil → Wipe off brake drum with rag soaked in lacquer thinner or solvent.
Scratches → Polish brake drum lightly and evenly with emery cloth.

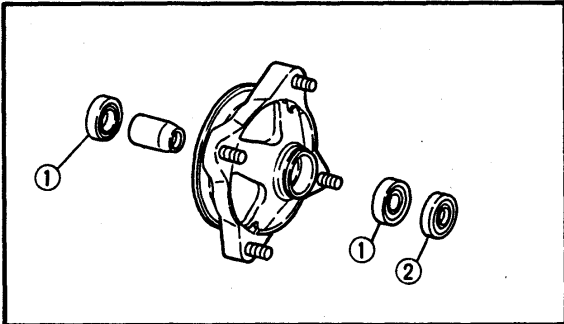


5. Measure:

- Brake drum inside diameter ①
Out of specification → Replace.

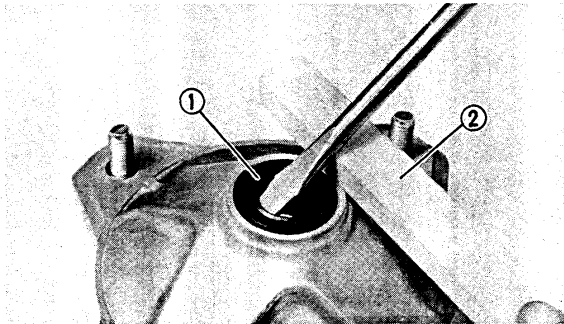


Brake Drum Inside Diameter:
110 mm (4.33 in)
< Wear Limit >:
111 mm (4.37 in)



6. Inspect:

- Bearings ① (Front wheel hub)
Bearings allow play in the wheel hub or the wheel turns roughly → Replace.
- Oil seal ②
Wear/Damage → Replace.

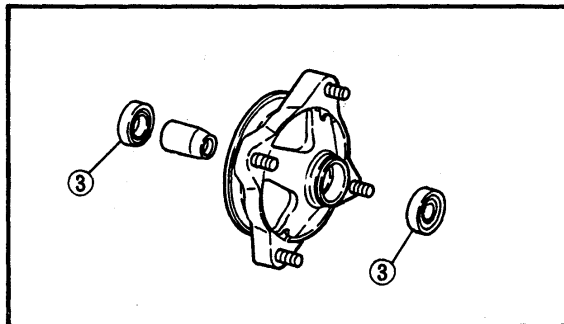


Wheel bearing and oil seal replacement steps:

- Clean the outside of the wheel hub.
- Remove the oil seal ① use a flat-head screw driver.

NOTE:

Place a wood block ② against the outer edge to protect this edge.



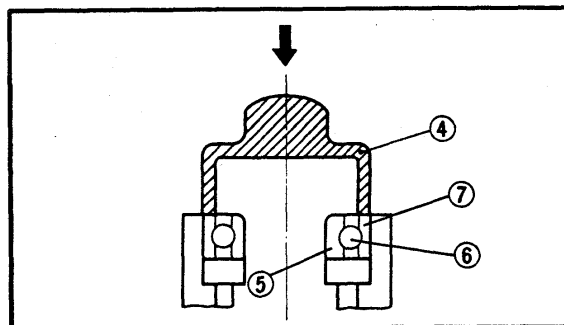
- Remove the bearing ③ using a general bearing puller.
- Install the new bearing and oil seal by reversing the previous steps.

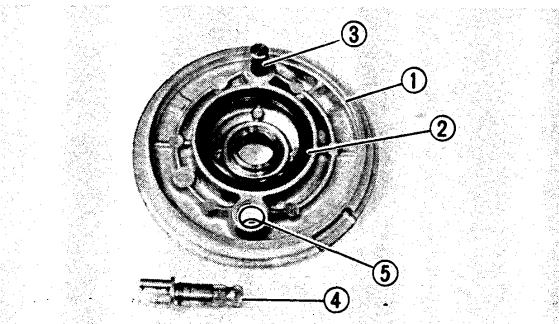
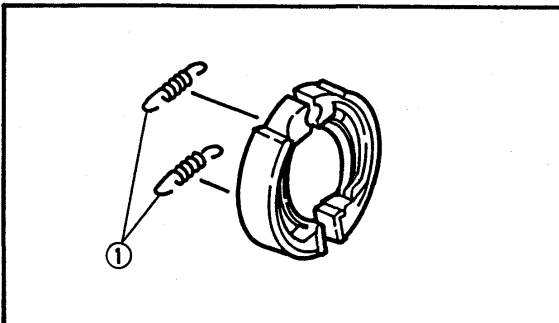
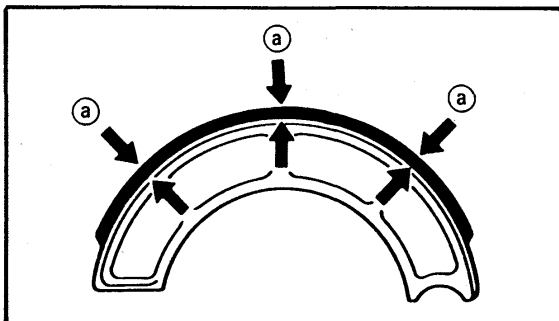
NOTE:

Use a socket ④ that matches the outside diameter of the race of the bearing and oil seal.

CAUTION:

Do not strike the center race ⑤ or balls ⑥ of the bearing. Contact should be made only with the outer race ⑦.





7. Inspect:

- Brake shoes
- Glazed parts → Sand with coarse sand-paper.

8. Measure:

- Brake shoe thickness (a)
- Out of specification → Replace.



Brake Shoe Thickness:

4.0 mm (0.16 in)

< Wear Limit >:

2.0 mm (0.08 in)

9. Inspect:

- Shoe springs (1)
- Wear/Damage → Replace.

10. Inspect:

- Brake shoe plate (1)
- Cracks/Damage → Replace.
- Oil seal (2)
- Brake shoe pivot pin (3)
- Wear/Damage → Replace.
- Camshaft (4)
- Camshaft hole (5)
- Scratches/Excessive wear → Replace.

INSTALLATION

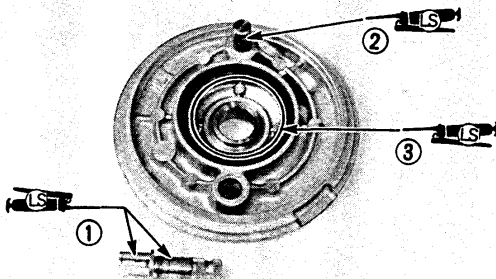
Reverse the "REMOVAL" procedures.
Note the following points.

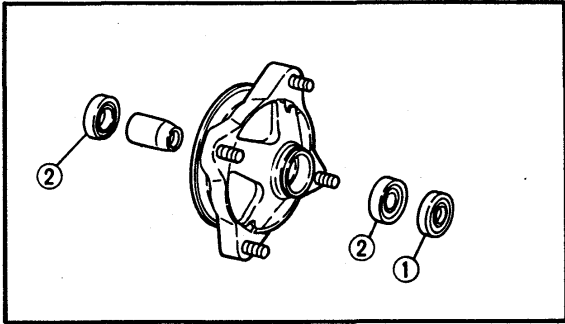
1. Lubricate:

- Brake camshaft (1)
- Brake shoe pivot pin (2)
- Oil seal (3) (Brake shoe plate)



Lightweight Lithium-soap
Base Grease



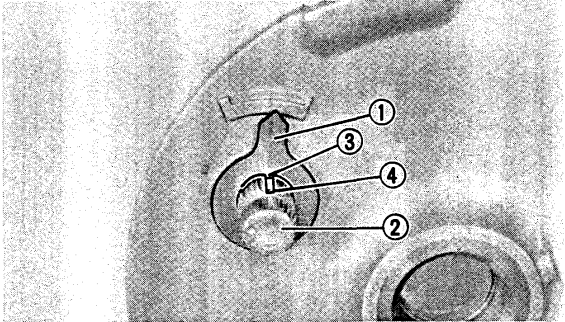


2. Lubricate:

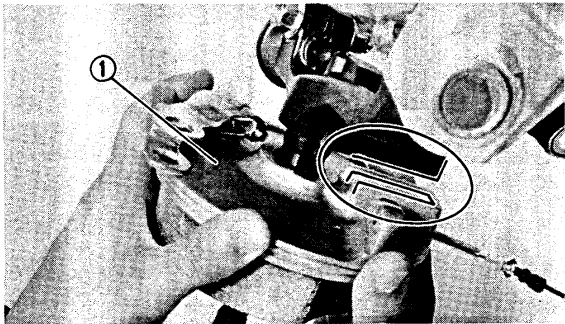
- Oil seal lips ① (Front wheel hub)
- Bearings ② (Front wheel hub)



Lightweight Lithium-soap
Base Grease (Lightly)



3. When installing the wear indicator plate ① to the camshaft ② align the projection ③ on the wear indicator plate with the slot ④ on the camshaft.

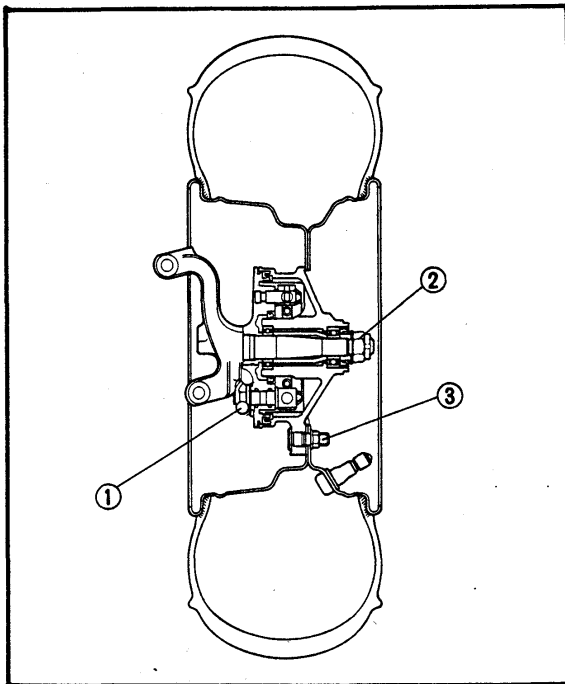


4. Install:

- Brake shoe plate ①

NOTE:

Be sure the boss on the knuckle correctly engages with the locating slot on the brake shoe plate.



5. Tighten:

- Bolt ① (Brake cam lever)
- Nut ② (Front wheel hub)
- Nuts ③ (Front wheel)



Bolt (Brake Cam Lever):
9 Nm (0.9 m·kg, 6.5 ft·lb)
Nut (Front Wheel Hub):
70 Nm (7.0 m·kg, 51 ft·lb)
Nut (Front Wheel):
45 Nm (4.5 m·kg, 33 ft·lb)

NOTE:

Thoroughly wipe off the excess grease.