

1. Cotter pin 2. Axle nut

3. Loosen the axle holder nuts.
4. Remove the axle shaft and the wheel. In this case, make sure the motorcycle is properly supported.

NOTE:

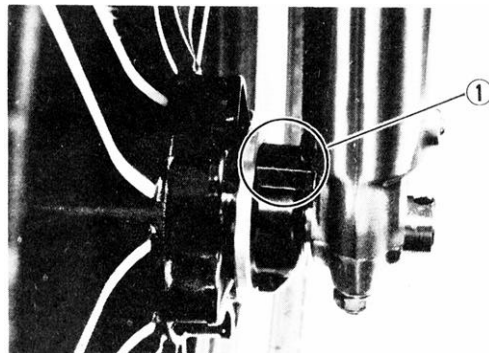
Do not depress the brake lever when the wheel is off the motorcycle as the brake pads will be forced to shut.

5. For reassembly, follow the procedure



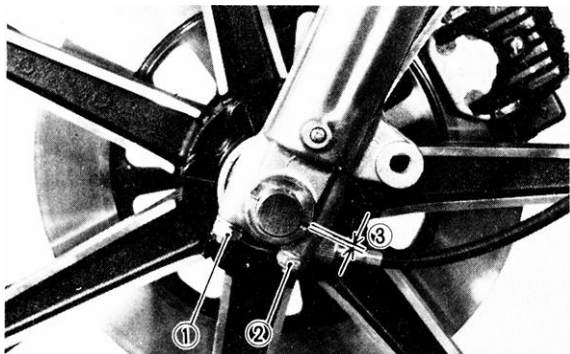
below with care:

- a. Make sure there is an enough gap between the disc pads.
- b. Make sure the projecting portion (torque stopper) of the speedometer housing is positioned correctly.



1 Torque stopper

- c. The axle holder nuts should be tightened in the sequence as shown. Make sure the axle nut is properly torqued and a new cotter pin is installed.



1. 1st 2. 2nd 3. Gap

Tightening torque:

**Axle nut: 10.7 m·kg (77.4 ft·lb)**

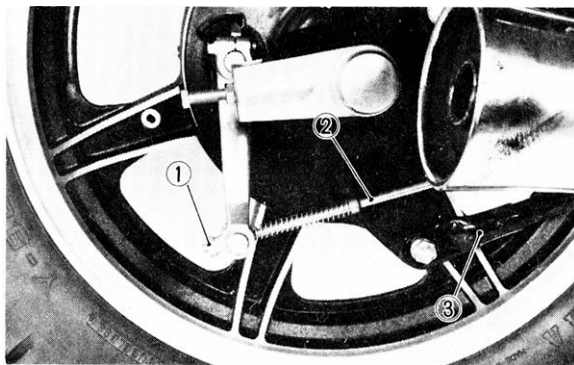
**Axle holder nut: 1.4 m·kg (10.1 ft·lb)**

## Rear wheel removal

### CAUTION:

**It is advisable to have your Yamaha dealer or other qualified mechanic make this removal and reassembly.**

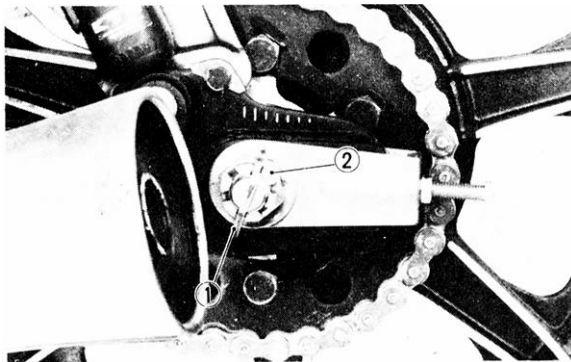
1. Place the motorcycle on the center stand.
2. Remove the tension bar and the brake rod from the brake shoe plate. The tension bar can be removed by removing the cotter pin and nut from the tension bar bolt. The brake rod can be removed by removing the adjuster.



1. Adjuster 2. Brake rod 3. Tension bar

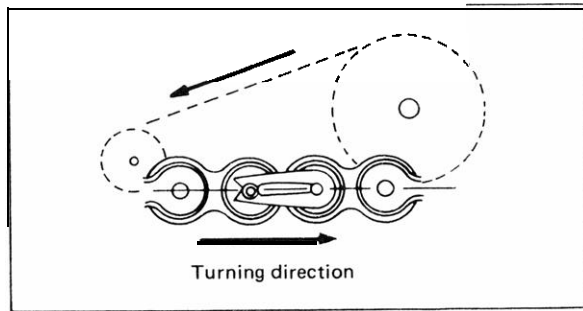
3. Disconnect the drive chain.
4. Loosen the chain tension adjusting nuts and bolts on both sides.

5. Remove the axle nut cotter pin and axle nut. Discard the old pin.



1. Cotter pin 2. Axle nut

6. Remove the axle shaft and the wheel.
7. For reassembly, follow the procedure below with care:
- a: Make sure the drive chain master link is correctly installed with rounded end in direction of chain travel.



- b. Make sure the axle nut is properly torqued and a new cotter pin is installed.

**Axle nut torque:**  
**15.0 m-kG (108.5 ft-lb)**

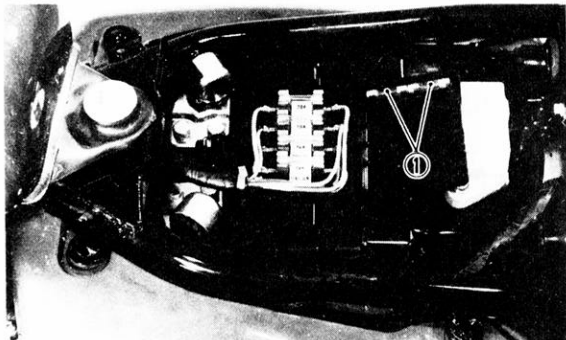
- c. Adjust the drive chain.

## Replacing the headlight bulb

This motorcycle is equipped with a sealed beam headlight. If the headlight burns out, ask your Yamaha dealer or other qualified mechanic to replace and adjust the unit.

## Fuse replacement

1. The fuse block is located under the seat.



1. Spare fuse

2. If any fuse is blown, turn off the ignition switch and the switch in the circuit in question and install a new fuse of proper amperage.

Then turn on the switches, and see if the electrical device operates. If the fuse immediately blows again, consult Your Yamaha dealer or other qualified mechanic.

## WARNING:

Do not use fuses of a higher amperage rating than those recommended. Substitution of a fuse of improper rating can cause extensive electrical system damage and possible fire.

## Carburetor adjustment:

The carburetor is a vital part of the engine and its emission control system. Adjusting should be left to a Yamaha dealer or other qualified mechanic with the professional knowledge, specialized data, and equipment to do so properly.

## **Troubleshooting**

**Although Yamaha motorcycles are given a rigid inspection before shipment from the factory, trouble may occur during operation. If this happens, check the motorcycle in accordance with the procedures given in the following chart. If repair is necessary, ask a qualified mechanic such as your Yamaha dealer for assistance.**

**The skilled technicians at your Yamaha dealer are trained and equipped to perform the necessary maintenance and repair work. For replacement parts, Yamaha recommends you use Genuine Yamaha Parts or parts you know are equivalent in quality;**

**Any problem in the fuel, compression, or ignition systems can cause poor starting, excessive emissions, engine damage, or loss of power while riding. The troubleshooting chart describes a quick and easy series of system checks to locate the problem.**

## Troubleshooting chart

