

- Tighten the steering stem nut to the specified torque using the special tools.

 09940-14911: Steering stem nut wrench

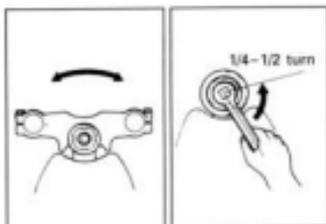
 Stem nut: 45 N·m (4.5 kg·m, 32.5 lb-ft)



- Turn the steering stem lower bracket about five or six times to the left and right so that the bearings seat properly.
- Loosen the steering stem nut by 1/4–1/2 of a turn.

NOTE:

This adjustment will vary from motorcycle to motorcycle.



HANDLEBAR HOLDER

- Install the handlebar holders and related parts to the steering stem head.
- Hold the handlebar holder with a vise and tighten the handlebar holder nuts to the specified torque.

 Handlebar holder nut: 50 N·m (5.0 kg·m, 36.0 lb-ft)

NOTE:

The plating handlebar bushes is positioned upside.



STEERING STEM UPPER BRACKET

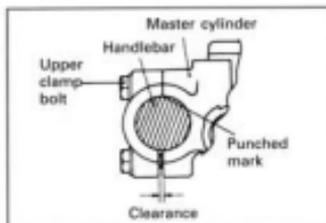
- Install the front fork upper cover, steering stem upper bracket, washer and steering stem head nut.

NOTE:

Before installing the panel, set the brake hose to the hose guide.



- Install the clutch master cylinder. (See p. 6-64.)
- Install the front wheel. (See p. 6-10.)
- Adjust the throttle cable play. (See p. 2-10.)



STEERING TENSION ADJUSTMENT

Check the steering movement after reassemble and re-mount the all parts. If play or stiffness is noticeable, adjust the steering tension as follows.



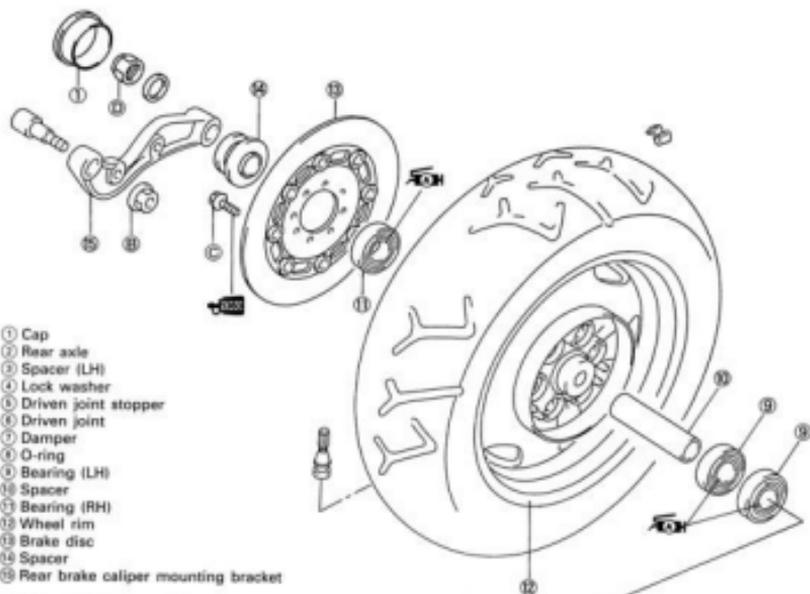
- Remove the headlight, its housing and turn signal light bracket.
- Slightly move the cover down.



- Loosen the front fork lower clamp bolts and the steering stem head nut. Then, adjust the steering stem nut by either loosening or tightening it.
- Tighten the steering stem head nut and front fork lower clamp bolts to the specified torque and recheck. (See p. 6-25.)

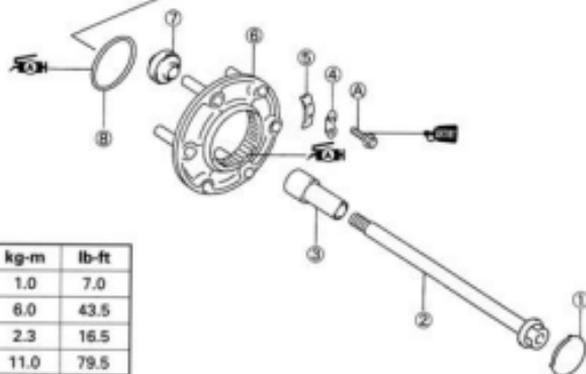


REAR WHEEL CONSTRUCTION

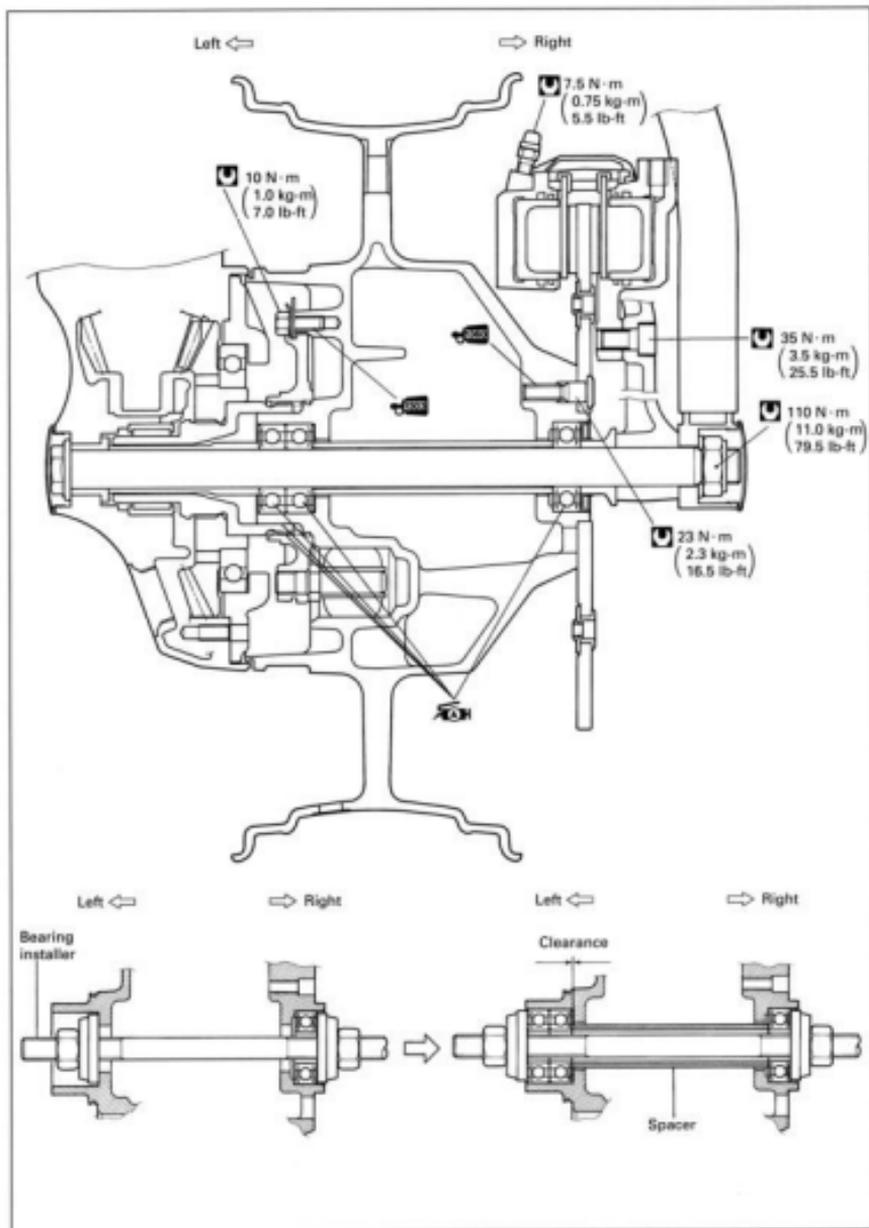


- ① Cap
- ② Rear axle
- ③ Spacer (LH)
- ④ Lock washer
- ⑤ Driven joint stopper
- ⑥ Driven joint
- ⑦ Damper
- ⑧ O-ring
- ⑨ Bearing (LH)
- ⑩ Spacer
- ⑪ Bearing (RH)
- ⑫ Wheel rim
- ⑬ Brake disc
- ⑭ Spacer
- ⑮ Rear brake caliper mounting bracket

- Ⓐ Driven joint stopper bolt
- Ⓑ Rear caliper mounting bracket nut
- Ⓒ Brake disc mounting bolt
- Ⓓ Rear axle nut



ITEM	N·m	kg·m	lb·ft
Ⓐ	10	1.0	7.0
Ⓑ	60	6.0	43.5
Ⓒ	23	2.3	16.5
Ⓓ	110	11.0	79.5



REMOVAL

- Remove the seat ①. (See p. 6-2.)
- Remove the rear fender ②. (See p. 6-4.)

NOTE:

The rear fender removal is not necessary when the rear part of motorcycle can be lifted high enough to take the rear wheel out smoothly.

- Remove the engine side box. (See p. 3-3.)

- Remove the exhaust pipes and mufflers assembly ③. (See p. 3-5.)

- Remove the axle cap.

- Loosen the axle nut ④.
- Remove the rear brake caliper mounting bracket bolt ⑤.
- Support the motorcycle using a suitable jack on the frame.
- Remove the rear axle nut ④.
- Remove the rear axle, spacer ⑥ and rear wheel.

CAUTION

Do not operate the brake pedal during or after rear wheel removal.



DISASSEMBLY

- Flatten the lock washers.
- Remove the fitting bolts, washers and plates.



- Pull off the driven joint.



- Remove the O-ring ①.
- Take off the dampers with a screw driver.

CAUTION

The removed O-ring must be replaced with a new one.



- Remove the brake disc from the rear wheel.

**INSPECTION AND DISASSEMBLY**

WHEEL BEARING	See p. 6-8.
WHEEL AXLE	See p. 6-9.
WHEEL RIM	See p. 6-8.
TIRE	See pp. 6-65 to -69.

WHEEL DAMPER

Inspect the wheel dampers for damage or wear.

**REASSEMBLY AND REMOUNTING**

Reassemble and remount the rear wheel in the reverse order of removal and disassembly. Pay attention to the following points:

WHEEL BEARING

- Apply grease to the bearings before installation.

 99000-25030: SUZUKI SUPER GREASE "A"



- Install the wheel bearings using the special tool.

 09941-34513: Bearing installer set

CAUTION

- * First, install the right wheel bearing, then install the left wheel bearing. (See p. 6-28.)
- * The sealed cover on the bearing must face out.

**BRAKE DISC**

- Apply THREAD LOCK SUPER "1360" to the brake disc bolts and tighten them to the specified torque.

NOTE:

- * Make sure that the brake disc is clean and free of any grease.
- * The stamped mark  on the brake disc should face to outside.

 99000-32130: THREAD LOCK SUPER "1360"

 Brake disc bolt: 23 N·m (2.3 kg-m, 16.5 lb-ft)

WHEEL DAMPER

- Install the dampers.

NOTE:

If soap water is applied around the damper, it makes the job easier.

