

DISASSEMBLY 103

- Loosen the upper and lower clamp bolts.
- With a twisting motion, work the shock absorber down and out.

Installation (left shock absorber):

- Slide the shock absorber up through the lower and upper clamps until the upper surface of the top bolt flange is even with the upper surface of the stem head. Tighten the upper clamp bolt with 1.6 ~ 2.2 kg-m (11.5 ~ 16 ft-lbs) of torque and the lower clamp bolt with 3.4-4.6 kg-m (25-33 ft-lbs).



- If the top bolt was loosened during removal, tighten it with 2.5-3.0 kg-m (18.0-22.0 ft-lbs) of torque.
- Mount the caliper, tightening the caliper mounting bolts with 3.4—4.6 kg-m (25-33 ft-lbs) of torque. Each mounting bolt has a flat washer and lock washer.
- Install the fender bolts (with lock washers) through the guide holder plate, and position the plate between the front fender and the left front shock absorber.
- Mount the front wheel (Pg. 80).

Removal (right shock absorber):

- Remove the front wheel (Pg. 79).
- Remove the bolts (3) that hold the front fender to the right shock absorber.
- If the shock absorber is to be disassembled after removal, loosen the top bolt now.
- Loosen the upper and lower clamp bolts.
- With a twisting motion, work the shock absorber down and out.

Installation (right shock absorber):

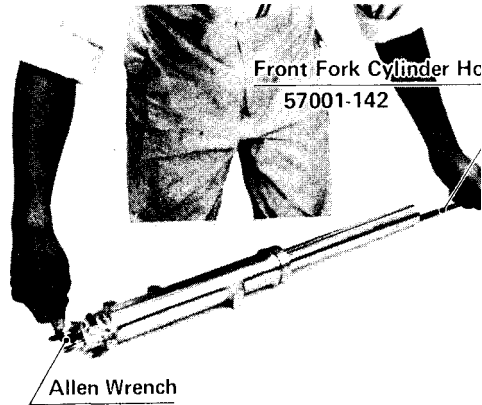
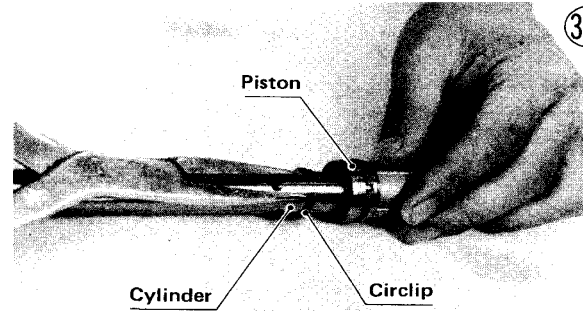
- Slide the shock absorber up through the lower and upper clamps until the upper surface of the top bolt flange is even with the upper surface of the stem head. Fig. 363. Tighten the upper clamp bolt with 1.6—2.2

- kg-m (11.5—16 ft-lbs) of torque and the lower clamp bolt with 3.4~4.6 kg-m (25-33 ft-lbs).
- If the top bolt was loosened during removal, tighten it with 2.5-3.0 kg-m (18.0-22.0 ft-lbs) of torque.
- Install the fender bolts. There is a lock washer for each bolt.
- Mount the front wheel (Pg. 80).

Disassembly:

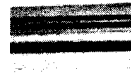
- Remove the top bolt (2), and pull out the spacer 18, spring seat 19 and spring 24.

- Pour the oil into a suitable container, pumping as necessary to empty out all the oil.
- Slide the dust seal 40 off the inner tube (25).
- Stop the cylinder (35) from turning by using the front fork cylinder holder (special tool). Unscrew the Allen bolt 32 from the bottom of the outer tube 44, and then separate the inner tube from the outer tube by pulling it out.



- Slide or push the cylinder and piston unit 37 and its spring 38 out the top of the inner tube.
- Remove the cylinder base 39 out the top of the outer tube.
- Remove the circlip 30 inside the end of the inner tube and pull out the collar 29, non-return valve 28, spring 27, and valve seat 26.

Spring



- Remove the spring 38 and circlip 36, and pull the piston 33 off the cylinder 35.