

Front Suspension Adjustments

- Place the lower end (axle holder) of the slider in a vise with a piece of wood or soft jaws to avoid damage.

NOTICE

Over-tightening the vise can damage the axle holder.

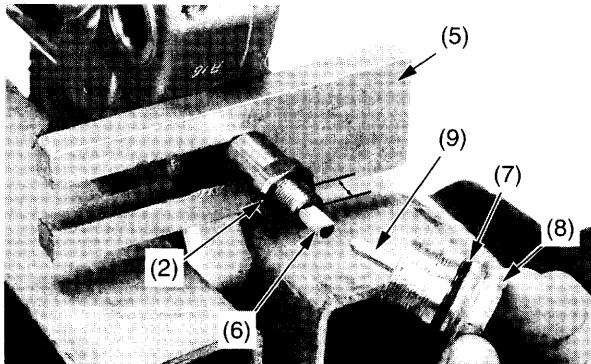
- Push out the fork damper piston rod from the axle holder of the slider by pushing the fork damper.

Apply pressure to the fork damper and insert the piston base (5) or mechanic's stopper tool between the axle holder and fork center bolt lock nut (2).

Measure the thread length again.

Standard: 0.4 – 0.5 in (11 – 13 mm)

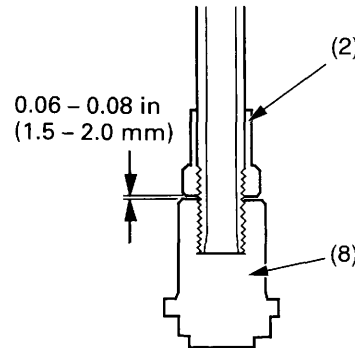
- Install the push rod (6) into the fork damper piston rod until it stops. Check the push rod installation by turning the push rod right and left.
- Apply fork oil to a new O-ring (7) and install it to the fork center bolt (8). Install the fork center bolt to the fork damper piston rod aligning the adjusting rod (9) with the push rod. Tighten the fork center bolt fully by hand.



(2) fork center bolt lock nut (7) O-ring
(5) piston base (8) fork center bolt
(6) push rod (9) adjusting rod

- Measure the length of the fork center bolt lock nut (2) and fork center bolt (8) clearance. Standard: 0.06 – 0.08 in (1.5 – 2.0 mm)

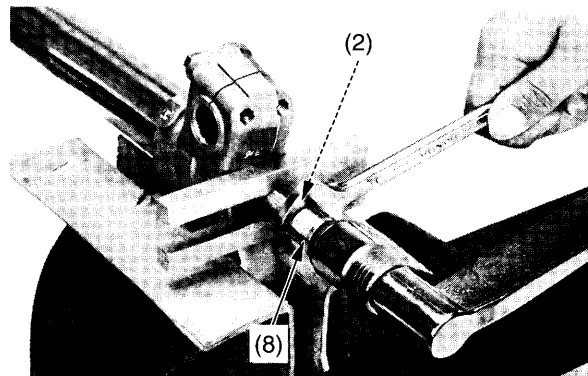
If the clearance is out of specification, check the fork center bolt lock nut and fork center bolt installation.



(2) fork center bolt lock nut (8) fork center bolt

- Tighten the fork center bolt lock nut (2) to the fork center bolt (8) closely by hand. Tighten the fork center bolt lock nut to the specified torque:

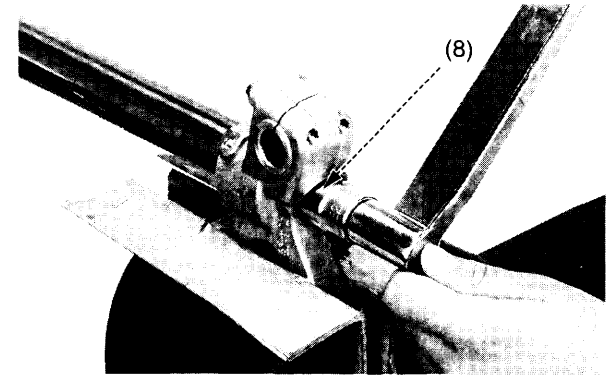
16 lbf-ft (22 N·m, 2.2 kgf·m)



(2) fork center bolt lock nut
(8) fork center bolt

- Remove the piston base or mechanic's stopper tool while pushing to the fork damper. Apply locking agent to the fork center bolt threads.

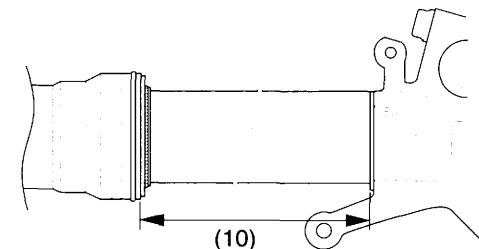
Install the fork center bolt (8) to the axle holder and tighten it to the specified torque: 51 lbf-ft (69 N·m, 7.0 kgf·m)



(8) fork center bolt

- Measure the length (10) between the axle holder and outer tube. Standard: 12.5 ± 0.1 in (317 ± 2 mm)
- Compare the length at assembly and at disassembly. They should be the same length.

If the length at assembly is longer than at disassembly, check the fork center bolt and lock nut installation.



(10) length

(cont'd)