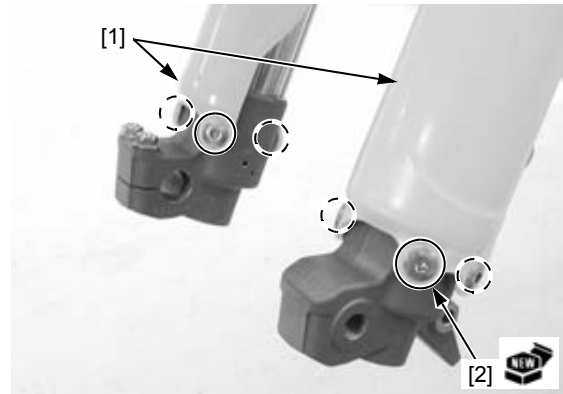


FRONT WHEEL/SUSPENSION/STEERING

Install the fork protectors [1].
Install and tighten the new socket bolts [2] to the specified torque.

TORQUE: 7.0 N·m (0.7 kgf·m, 5.2 lbf·ft)



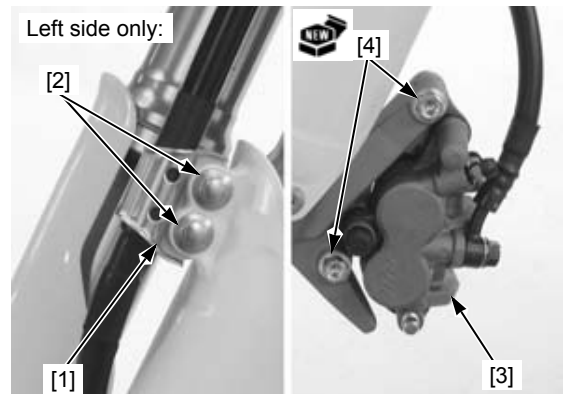
Install the brake hose clamp [1] to the left fork leg and tighten the bolts [2] to the specified torque.

TORQUE: 10 N·m (1.0 kgf·m, 7 lbf·ft)

Install the brake caliper [3] with new mounting bolts [4] and tighten them to the specified torque.

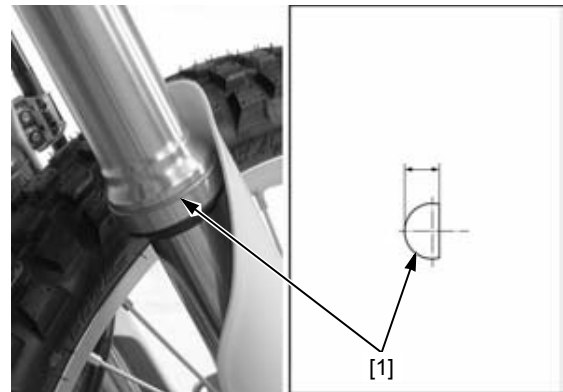
TORQUE: 30 N·m (3.1 kgf·m, 22 lbf·ft)

Install the front wheel (page 16-4).



Inspect the wear rings [1] for wear or damage.

Replace the wear ring, if it is 1.5 mm (0.06 in) or flat with the outer tube.



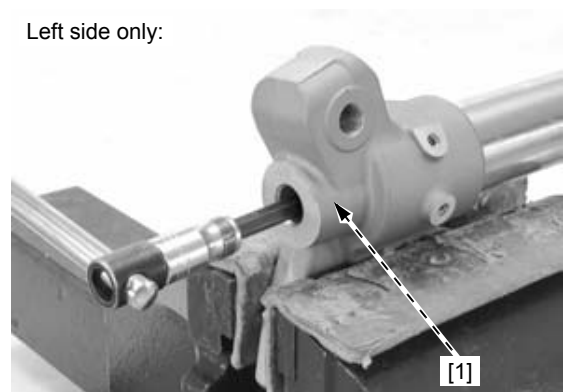
DISASSEMBLY

NOTE:

- Clean the fork assembly, the sliding surface of the fork pipe and bottom of the slider around the center bolt before disassembling the fork.

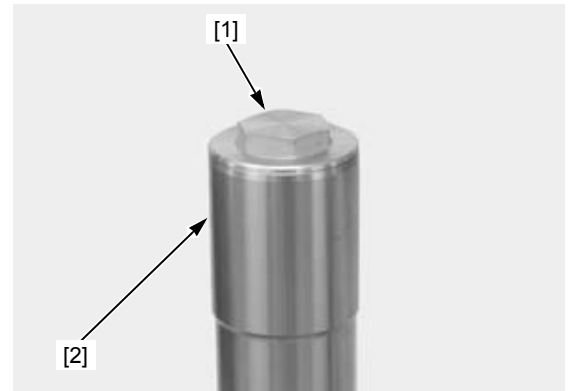
Left side: Hold the fork pipe in a vise with soft jaws or shop towels.

Loosen the fork center bolt [1], but do not remove it yet.



FRONT WHEEL/SUSPENSION/STEERING

Right side fork cap bolt is under spring pressure; use care when loosening it. Completely loosen the fork cap bolt [1] and lower the outer tube [2].



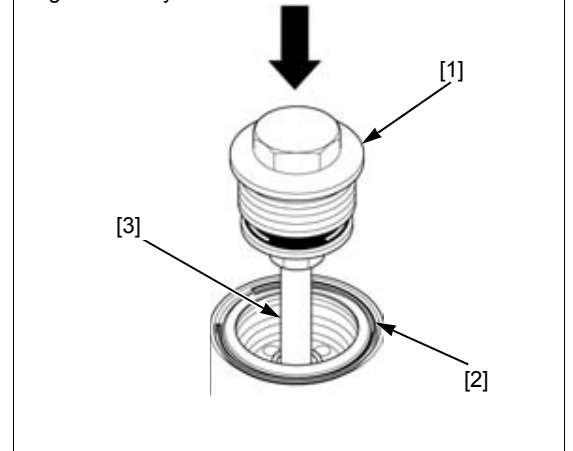
Pour out the fork fluid by pumping the fork pipe up and down several times.



Right side: Push the fork cap [1] down and compress the fork spring, then remove the stopper ring [2] from the groove in the fork pipe.

Remove the fork rod assembly [3].

Right side only:

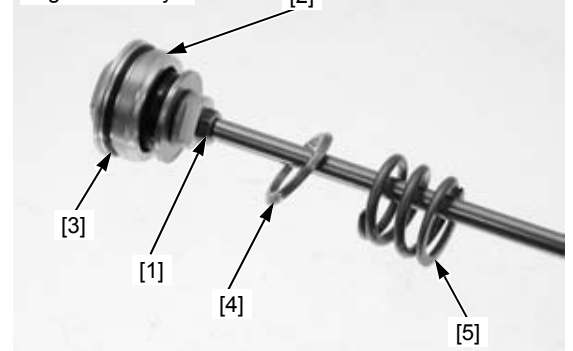


Right side: Loosen the lock nut [1] while holding the fork cap [2] with a wrench, then remove the fork cap.

Remove the O-ring [3] from the fork cap groove.

Remove the spring seat [4] and rebound spring [5].

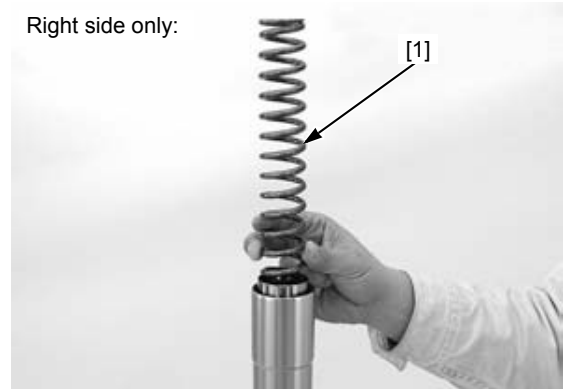
Right side only:



FRONT WHEEL/SUSPENSION/STEERING

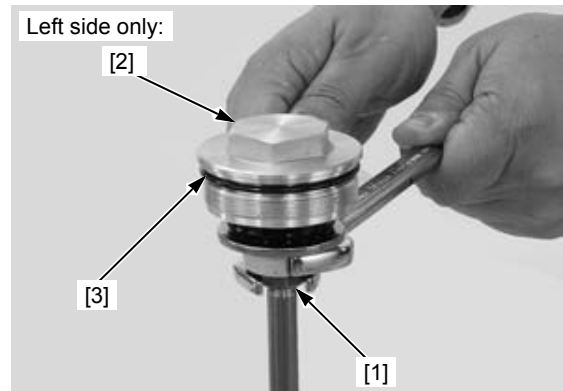
Right side: Remove the fork spring [1].

Right side only:



Left side: Loosen the lock nut [1] while holding the fork cap [2] with a wrench, then remove the fork cap.
Remove the O-ring [3] from the fork cap groove.

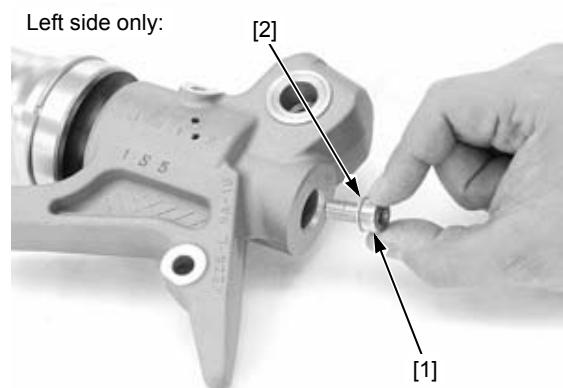
Left side only:



Left side: Remove the following:

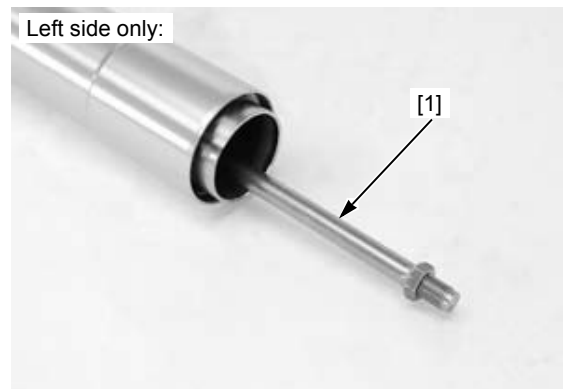
- Fork center bolt [1]
- Sealing washer [2]

Left side only:



Left side: - Inner damper [1]

Left side only:



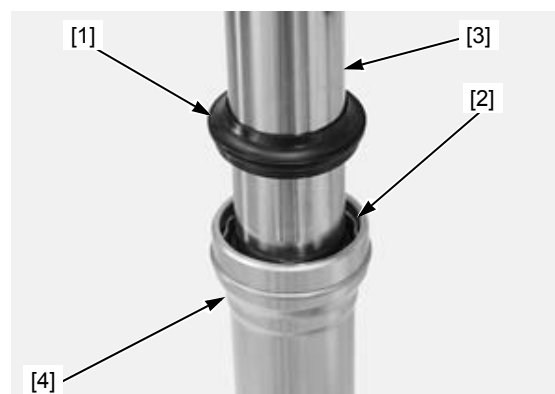
Be careful not to scratch the fork pipe sliding surface.

- Dust seal [1]
- Stopper ring [2]

Check that the fork pipe [3] moves smoothly in the outer tube [4].

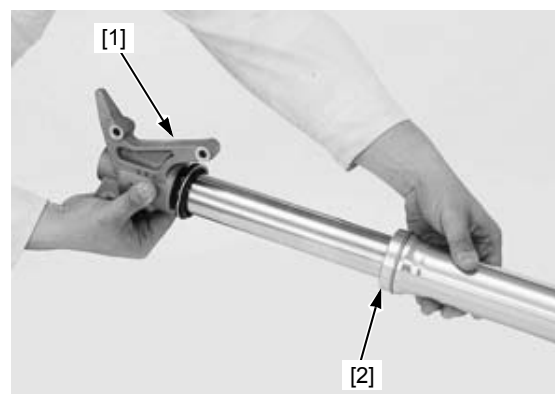
If the movement is not smooth, check the fork pipe for bend or bushing for wear or damage.

If they are normal, inspect the outer tube.



Using quick successive motions, pull the fork pipe [1] out of the outer tube [2].

The guide bushing will be forced out by the fork pipe bushing.

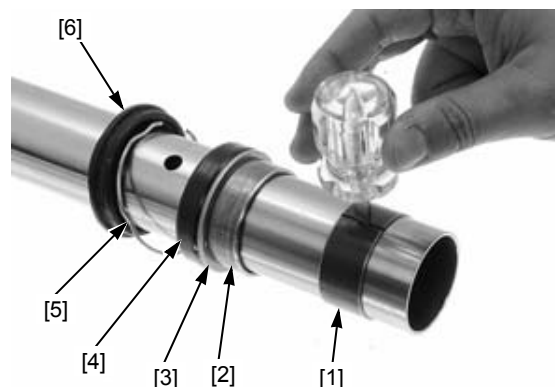


Do not damage the slider bushing, especially the sliding surface. To prevent loss of tension, do not open the slider bushing more than necessary.

Carefully remove the slider bushing [1] by prying the slot with a screwdriver until the slider bushing can be pulled off by hand.

Remove the following:

- Guide bushing [2]
- Back-up ring [3]
- Oil seal [4]
- Stopper ring [5]
- Dust seal [6]



INSPECTION

Inspect the following parts for damage, abnormal wear, bend, deformation, scoring and teflon coating wear

- Fork pipes
- Outer tubes
- Fork spring
- Slider bushings
- Guide bushings
- Back-up rings

Measure each part according to FRONT WHEEL/SUSPENSION/STEERING SPECIFICATIONS (page 1-8).

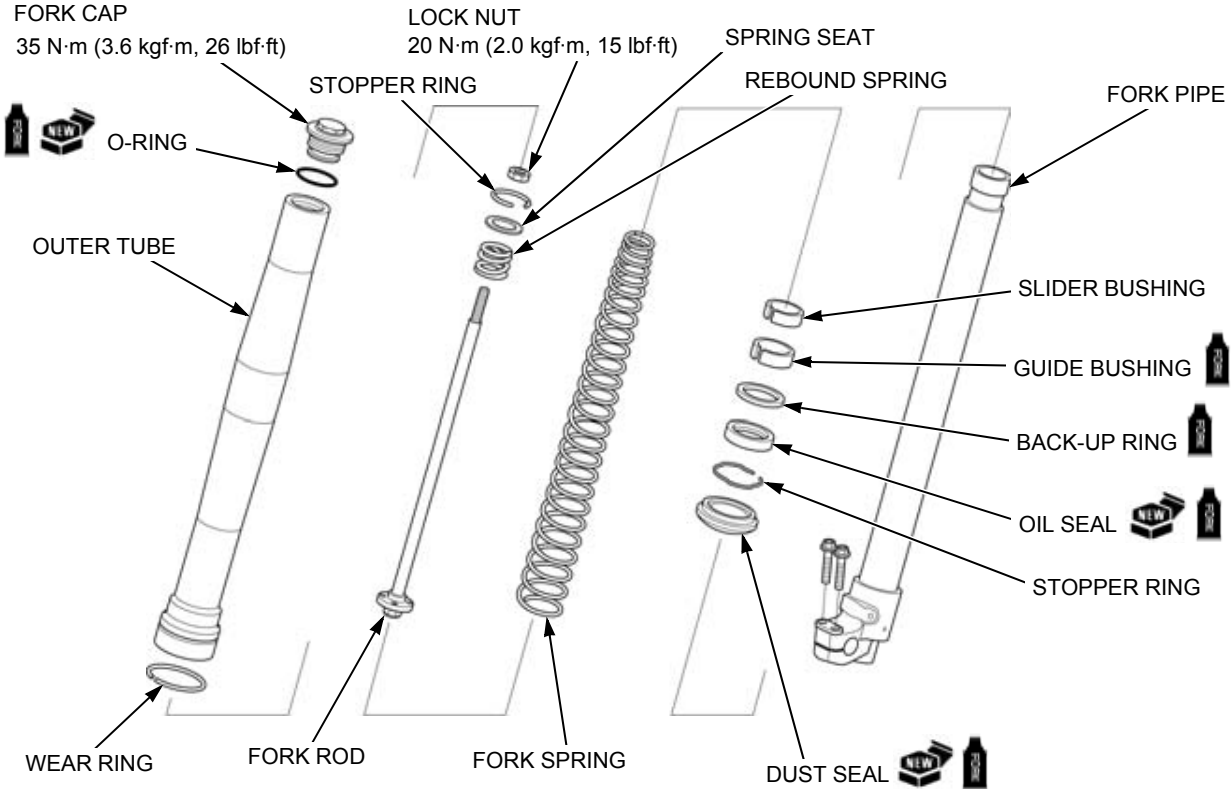
Replace any part if it is out of service limit.

FRONT WHEEL/SUSPENSION/STEERING

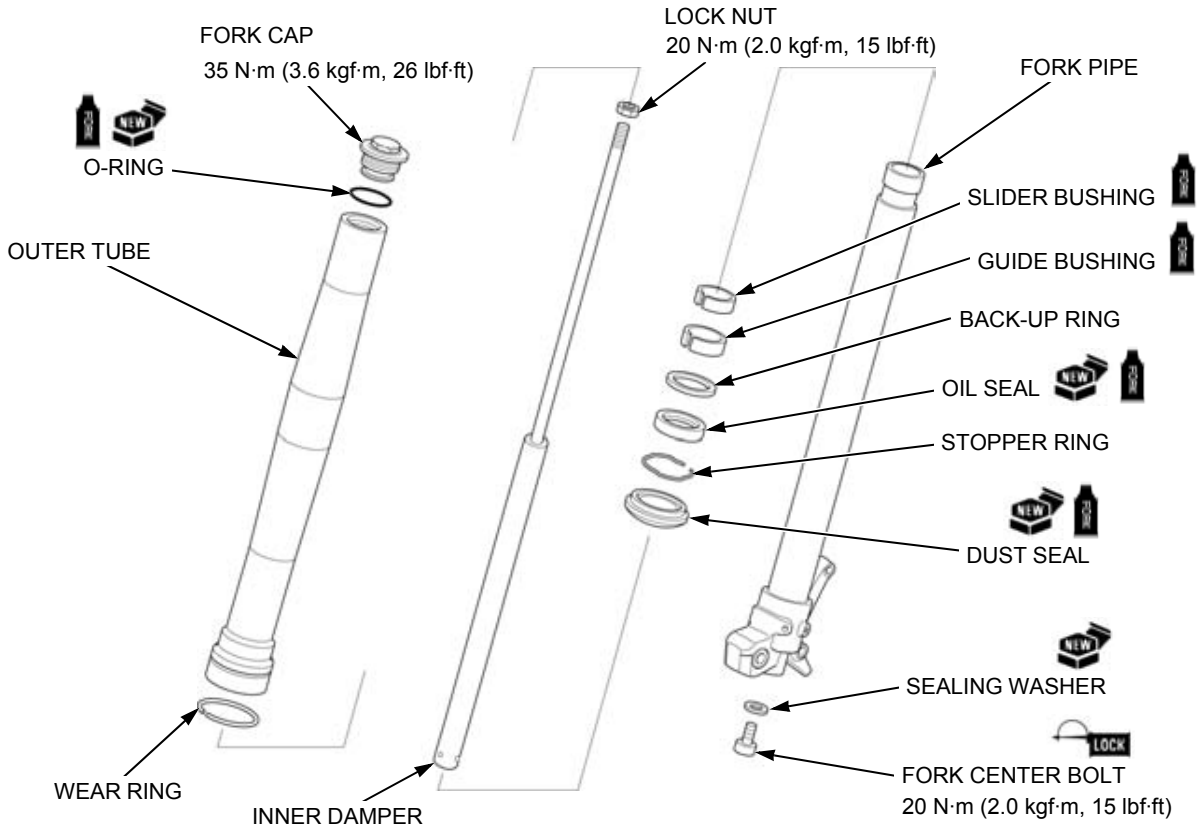
ASSEMBLY

Before assembly, wash all parts with a high flash point or non-flammable solvent and wipe them off completely.

RIGHT SIDE



LEFT SIDE



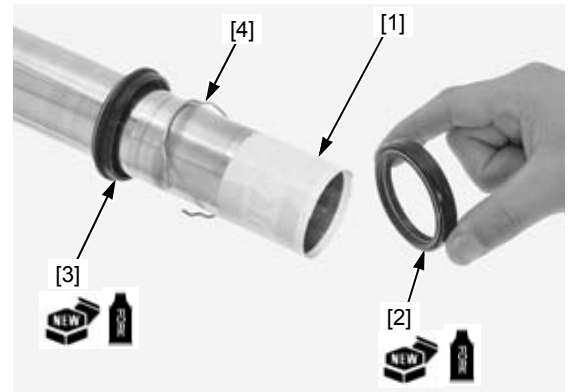
FRONT WHEEL/SUSPENSION/STEERING

Wrap the end of the fork pipe with tape [1].
Coat new fork oil seal [2] and dust seal [3] lips with recommended fork oil.

Install the dust seal and stopper ring [4] onto the fork pipe.

Install the oil seal onto the fork pipe with its marked side facing the dust seal.

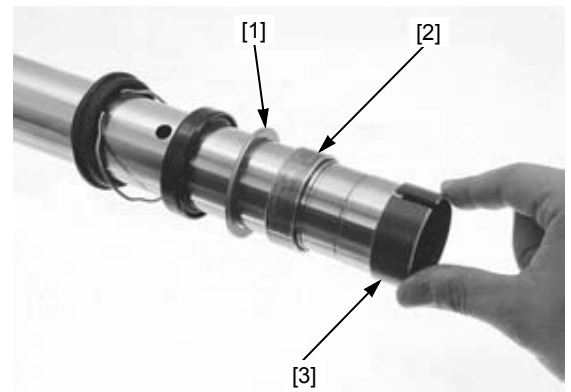
Remove the tape from the end of the fork pipe.



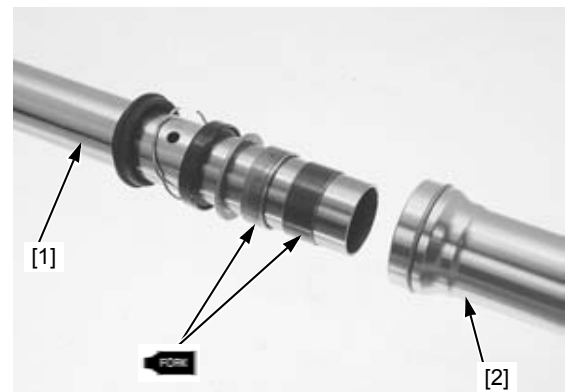
Install the back-up ring [1], guide bushing [2] and slider bushing [3].

NOTE:

- Be careful not to damage the slider bushing coating. Do not open the slider bushing more than necessary.
- Install the back-up ring with its flange side facing toward the guide bushing.
- Remove the burrs from the bushing mating surface, being careful not to peel off the coating.



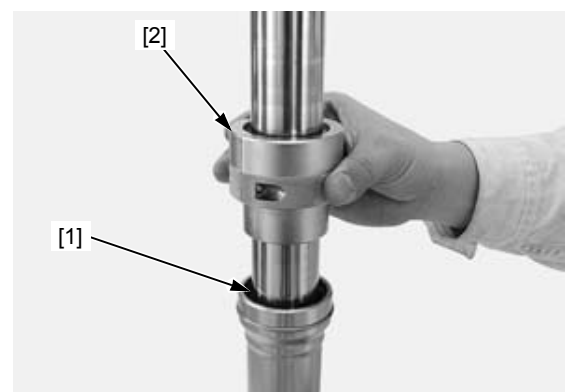
Coat the guide bushing and slider bushing with recommended fork oil, and install the fork pipe [1] into the outer tube [2].



Drive in the oil seal [1] into the outer tube using the special tool.

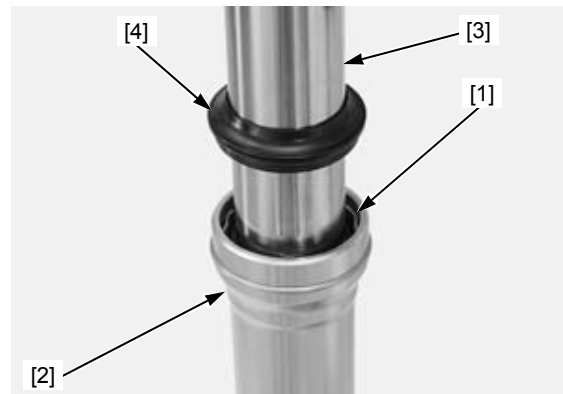
TOOL:

[2] Fork seal driver, 43.2 mm 07YMD-MCF0100

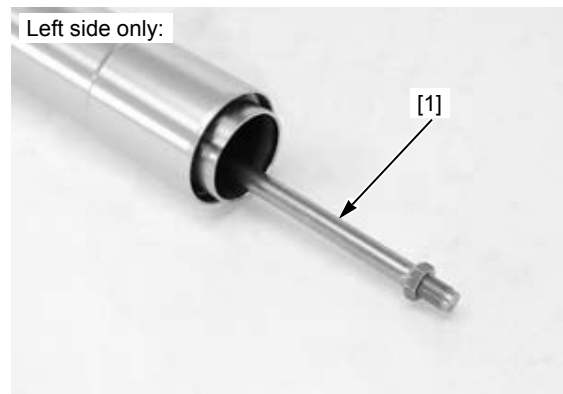


FRONT WHEEL/SUSPENSION/STEERING

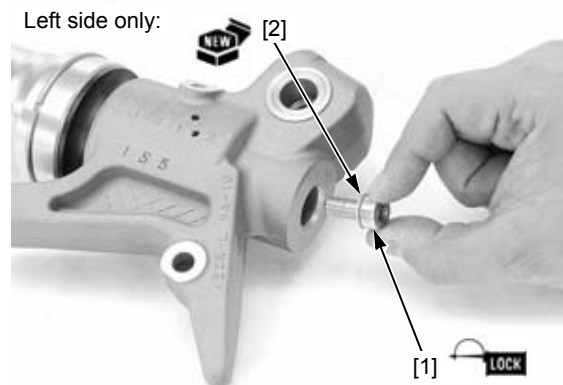
Install the stopper ring [1] into the groove in the outer tube [2], being careful not to scratch the fork pipe [3].
Install the dust seal [4] into the outer tube.



Left side: Install the inner damper [1] into the fork pipe.



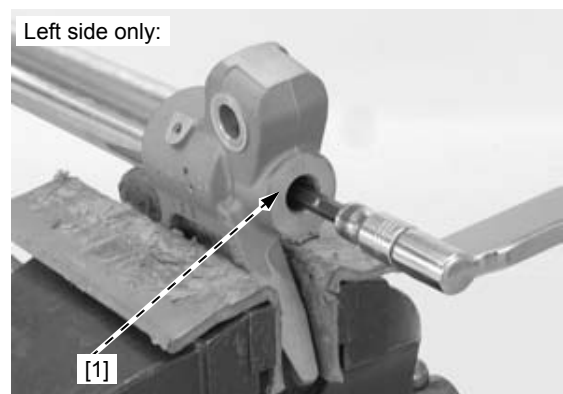
Left side: Apply locking agent to the fork center bolt [1] threads and install it with a new sealing washer [2].



Left side: Hold the left fork pipe in a vise with soft jaws or shop towels.

Tighten the fork center bolt [1] to the specified torque.

TORQUE: 20 N·m (2.0 kgf·m, 15 lbf·ft)



FRONT WHEEL/SUSPENSION/STEERING

Pour the specified amount of recommended fork fluid into the fork pipe.

RECOMMENDED FORK FLUID:

Honda ULTRA CUSHION OIL (10W) or equivalent
FORK FLUID CAPACITY:

Right side:

658 ± 2.5 cm³ (22.3 ± 0.08 US oz, 23.2 ± 0.09 Imp oz)

Left side:

683 ± 2.5 cm³ (23.1 ± 0.08 US oz, 24.0 ± 0.09 Imp oz)

Slowly pump the fork pipe several times to remove the trapped air from the lower portion of the fork pipe.

Compress the fork pipe fully and leave it for 5 minutes to remove air bubbles from the fluid.

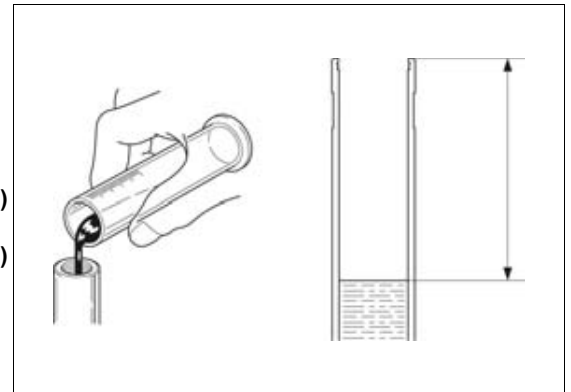
Measure the oil level from the top of the fork pipe by supporting the fork leg vertically.

FORK OIL LEVEL:

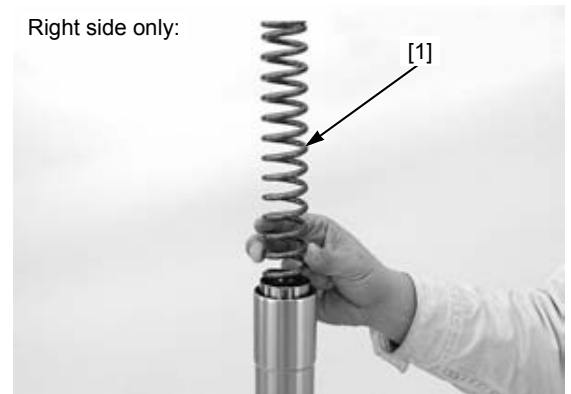
Right side: 122 mm (4.8 in)

Left side: 38 mm (1.5 in)

Right side: Install the fork spring [1] with the tapered side facing up.



Right side only:



Right side: Loosen the lock nut [1] until it stops.

Install the rebound spring [2] to the fork rod.

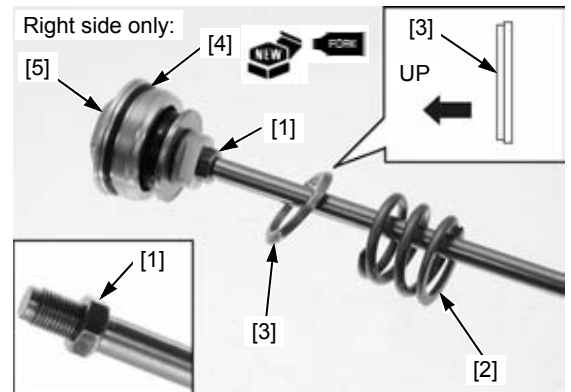
Install the spring seat [3] in the shown direction.

Apply recommended fork oil to a new O-ring [4], and install it to the fork cap [5].

Install the fork cap to the fork rod and tighten it until it stops.

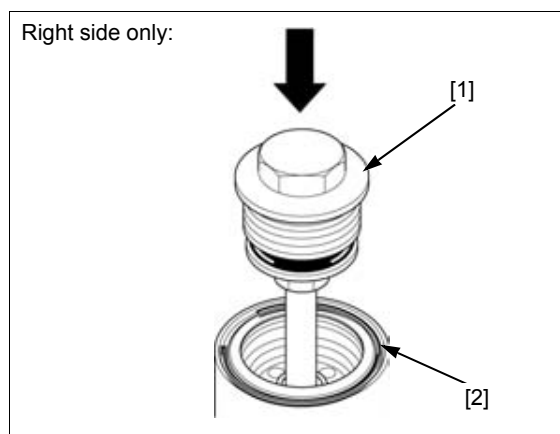
Hold the fork cap with a wrench, then tighten the lock nut to the specified torque.

TORQUE: 20 N·m (2.0 kgf·m, 15 lbf·ft)



FRONT WHEEL/SUSPENSION/STEERING

Right side: Push the fork cap [1] down and compress the fork spring, then install the stopper ring [2] into the groove in the fork pipe.



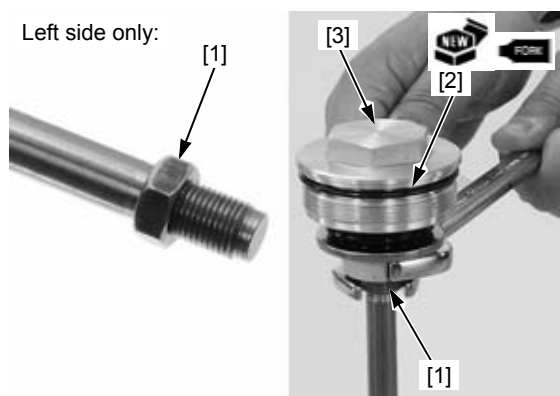
Left side: Loosen the lock nut [1] until it stops.

Apply recommended fork oil to a new O-ring [2], and install it to the fork cap [3].

Install the fork cap to the inner damper and tighten it until it stops.

Hold the fork cap with a wrench, then tighten the lock nut to the specified torque.

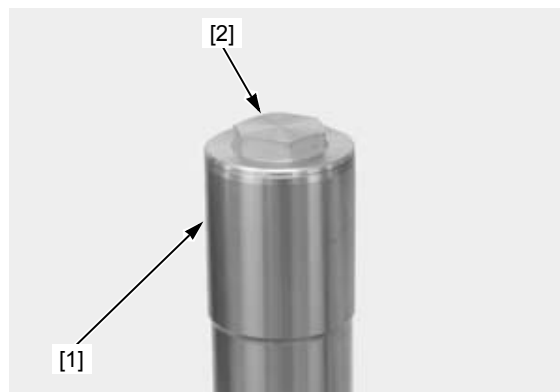
TORQUE: 20 N·m (2.0 kgf·m, 15 lbf·ft)



Completely extend the outer tube [1].

Install and tighten the fork cap [2] into the outer tube.

Tighten the fork cap to the specified torque after installing the fork leg into the steering stem (page 16-7).



HANDLEBAR

REMOVAL

Remove the following:

- Wire bands [1]
- Rearview mirrors [2]

