

## CHECKING THE FRONT FORK LEGS

The following procedure applies to both of the front fork legs.

### 1. Check:

- Inner tube
  - Outer tube
- Bends/damage/scratches → Replace.


EWA13650

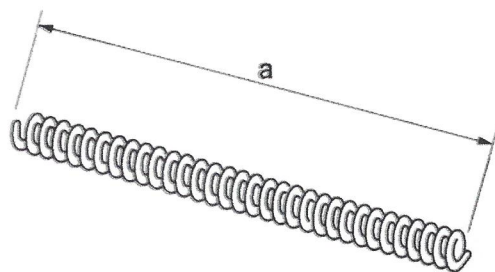
### WARNING

Do not attempt to straighten a bent inner tube as this may dangerously weaken it.

### 2. Measure:

- Spring free length "a"
- Out of specification → Replace.

	<b>Fork spring free length</b>
	151.0 mm (5.94 in)
	<b>Limit</b>
	147.9 mm (5.83 in)



### 3. Check:

- Damper rod
- Damage/wear → Replace.  
Obstruction → Blow out all of the oil passages with compressed air.

## ASSEMBLING THE FRONT FORK LEGS

The following procedure applies to both of the front fork legs.

EWA13660

### WARNING

- Make sure the oil levels in both front fork legs are equal.
- Uneven oil levels can result in poor handling and a loss of stability.

### TIP

- When assembling the front fork leg, be sure to replace the following parts:
  - Oil seal
  - Oil seal clip
  - Dust seal
  - O-ring
  - Copper washer

- Before assembling the front fork leg, make sure all of the components are clean.

### 1. Install:

- Damper rod ring "1"
  - Damper rod "2"
  - Rebound spring "3"
- (in the inner tube "4")

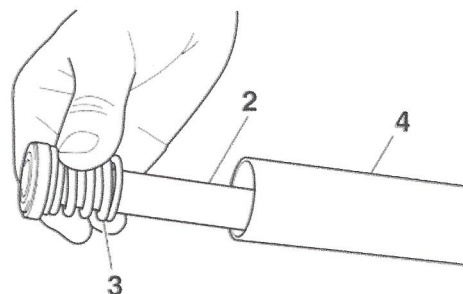
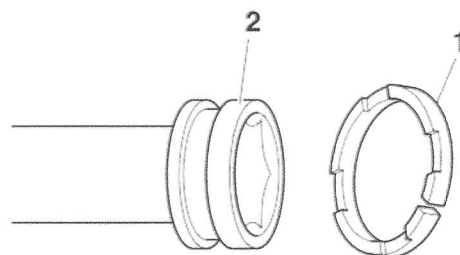
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### NOTICE

Allow the damper rod to slide slowly down the inner tube until it protrudes from the bottom of the inner tube. Be careful not to damage the inner tube.


### TIP

Fit the damper rod ring into the damper rod groove so that the side of the ring with the projections is facing in the direction shown in the illustration.



### 2. Lubricate:

- Inner tube's outer surface

	<b>Recommended oil</b> Yamaha Suspension Oil G10
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### 3. Install:

- Inner tube
- (into outer tube)

### 4. Install:

- Copper washer **New**
- Damper rod bolt

### 5. Tighten: