

DUC32 and SC32 29'er Spacer Installation

If you are uncomfortable working on your fork, have a reputable bicycle shop install the spacer kit.

In general, it is a good idea to keep the fork horizontal to reduce the amount of bushing lubricant that leaks out.

Disassembly

Spring Side (left side)

1. Remove the Schrader Valve Cover and release the air from the air spring.
2. Using a 10mm socket, remove the Schrader Valve.
3. Slide the stanchion out of the Upper Tube.
4. Install the 29er Spacer above the Bottom Out bumper as shown in Figure 1.
5. Add an additional 5-7 ml of shock oil the spring side (see Figure 1) to help prevent bottoming. This can be done easily by injecting oil into the top of the Spring Rod with a syringe.

Damper Side (right side)

1. Using a Number 1 Philips screw driver, remove the Damping Adjuster and Lockdown Knobs.
2. Using a 10mm socket, remove the Damper Rod Bolt.
3. Slide the stanchion out of the Upper Tube.
4. Install the 29er Spacer above the Bottom Out Bumper as shown in Figure 1.

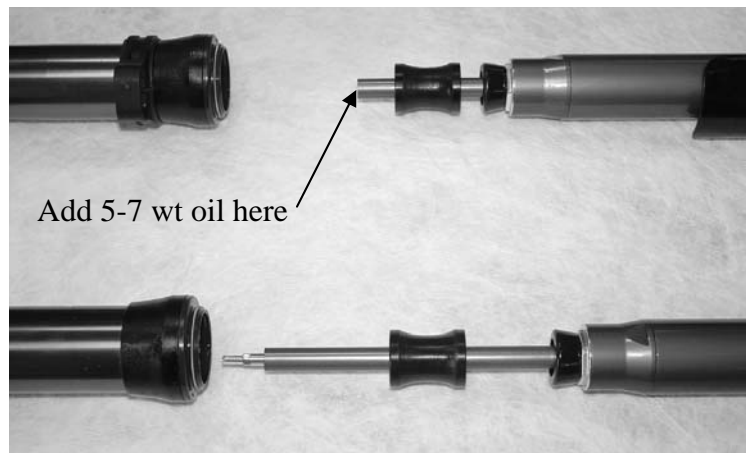


Figure 1.

Reassembly

To reassemble the fork, replace any bushing lubricant that was lost. The DUC32 should have 8-10ml of 5-7 wt oil and the SC32 should have 5-7ml of 5-7 wt oil.

Apply a small amount of oil to the Wiper Seals and insert the stanchion assembly into the Upper Leg. It might be necessary to wobble the Tube to get it past the lips of the Wiper. Be careful not to invert or damage the sealing lips.

Spring Side

1. Install the Schrader Valve Housing and torque to 8 Nm (70 in*lb).
2. Pressurize the spring chamber.
3. Replace Schrader Cover.

Damper Side

1. Install the Damper Rod Bolt and torque to 6 Nm (50 in*lb)
2. Install the Rebound and Lock Knobs. The Lock Knob can be positioned as desired on the hex interface. When connecting the Rebound Knob, be sure it connects properly with the flats on the Adjuster Rod. This is best done by installing the screw ½ way and turning the knob counter-clockwise while pushing down gently. It should drop into place when it lines up with the flats.