



Verify if the free stroke will disappear by performing the air venting test.

A free stroke could be caused by air which is trapped within the inner tube, whereas it should be located between the outer and inner tube. If this is the case, you can simply relocate the air by performing the following test.

Step 1: Start position. Rotate the shock absorber 180 degrees (upside down)

Step 2: Hold this positioning for 5 seconds so the air has time to rise. Now fully compress the piston rod. This way the air will be pushed out of the inner tube through the foot valve.

Step 3: Rotate the shock absorber 180 degrees while keeping the piston rod compressed.

Step 4: Hold this positioning for 5 seconds so the air has time to rise. Now fully pull the piston rod outwards. By doing this the air is in the top of the shock absorber between the inner and outer tube and only oil is sucked in the inner tube.

Step 5: Final position. Repeat this sequence several times (e.g. 5 times). Please verify if the free-stroke is eliminated.

