



LOWER LEGS SERVICE DUST SEALS REPLACEMENT

XCR, RAIDON, EPIXON9, ZERON, MOBIE34, NRX

V.1.0_09-2024

LOWER LEGS SERVICE / DUST SEALS REPLACEMENT

REQUIRED TOOLS & SUPPLIES:

- 8mm Allen key
- 5mm Allen key
- 3mm Allen Key
- Torque wrench
- Downhill tire removal tool
- Dust seal installers
- Plastic Mallet
- SR SUNTOUR "Low-Friction" grease
- Brush
- Rag or workshop towel

WARNING

Always wear safety glasses and protective gloves during the maintenance of SR SUNTOUR products.

REMOVAL: STEP 1

On the damper side, pull on the rebound adjuster knob to remove it, then set it aside.



STEP 2

Using an 8mm Allen key, turn the exposed bolt counterclockwise 2 turns to loosen it.

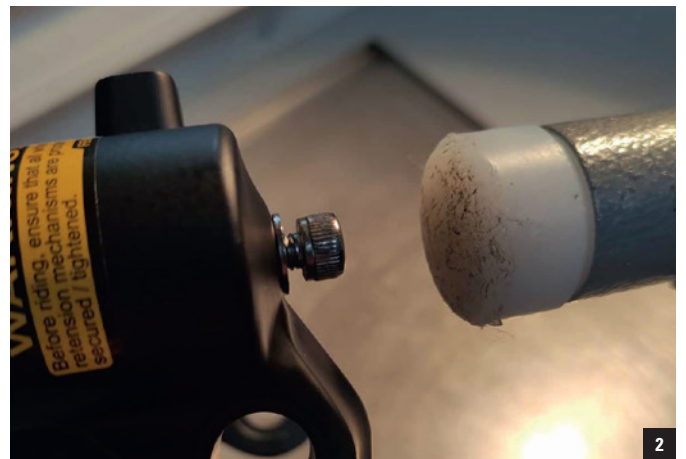


Use a mallet to strike the bolt 2-3 times. Check to ensure the bolt is in contact with the leg. Remove the bolt and set it aside.



STEP 3

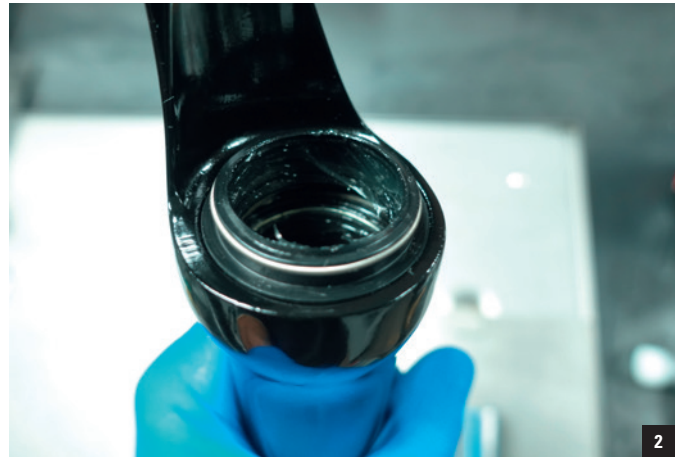
On the air/spring side, use a 5mm Allen key, turning it counterclockwise 3-4 turns to loosen the bolt. Use a mallet to strike the bolt 2-3 times. Check to ensure the bolt is in contact with the leg. Remove the bolt and set it aside. Pull on the lower legs to remove them, and set them aside.



STEP 4

A) DUST SEAL AND BUSHING LUBRICATION

If the dust seals are in good condition, simply clean and degrease them using a clean workshop rag or towel. Clean and grease the bushings as well as the dust seals using the dedicated SR SUNTOUR "Low-Friction" grease.

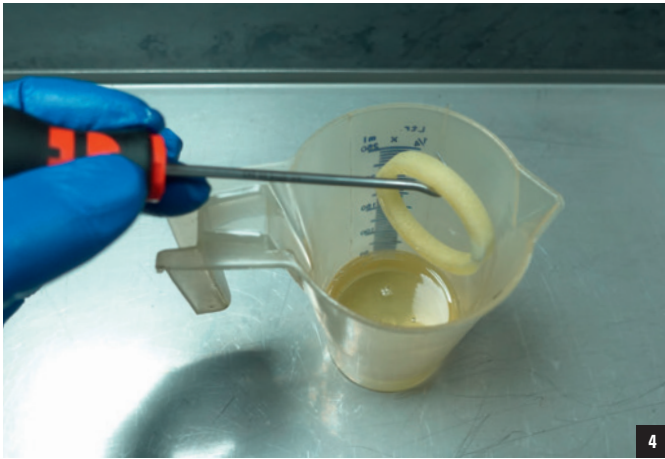


B) FOAM RING MAINTENANCE

XCR34, MOBIE34, Raidon and ZERON forks use foam rings. forks use foam rings. Carefully remove them with a pick and rinse with degreaser. Remove the dirt by pressing the rings using a clean rag. Repeat the process if necessary.



Soak the foam rings into 20wt oil for 5-10 minutes and reinstall them.



STEP 5 – NEW DUST SEAL / FOAM RINGS

Hold the lower legs and remove the dust seals using a DH tire removal tool. If using a wrench, use caution not to damage the inside of the lowers. Repeat the process for the other side.

If your fork has foam rings, remove them from both sides and discard them.

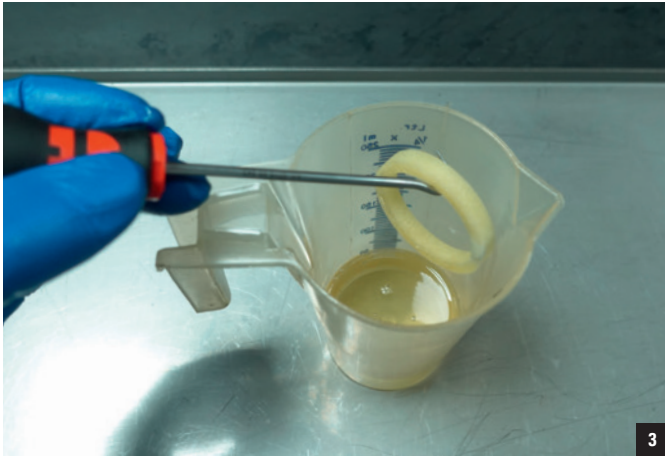


Use a workshop towel to clean the inner walls of the lower legs.



Take the new foam rings and soak them in 20wt oil for 5-10 minutes (picture 3).

Place the new dust seal onto the dedicated installation tool and press the seal by hand into the fork lowers (picture 4).



Hold the lower legs with one hand and finish the installation by tapping the installation tool with a plastic mallet. Once you hear a change in the tapping sound, remove the tool and check that the seal edge is flush with the lower leg. If necessary, repeat the process until the seal is flush with the lower leg.

Install the new foam rings (picture 6).

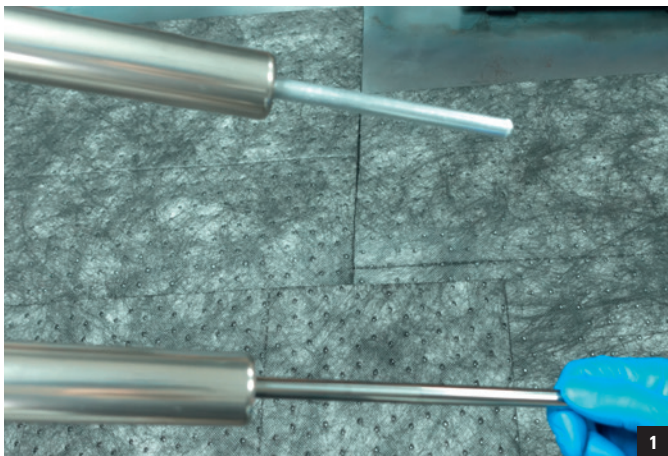


Grease the bushings and dust seals using the dedicated SR SUNTOUR "Low-Friction" grease.



STEP 6

Clean the stanchions. Fully extend the damper cartridge and install the lower legs.



STEP 7

Make sure the damper cartridge shaft is aligned with the lower leg hole. If not, use a 3mm Allen key to center the shaft.



DAMPER SIDE

First thread the bolt in by hand then use an 8mm Allen key to tighten the bolt to **12Nm**.



Use a 3mm Allen key to set the rebound to fully-open (turning it counterclockwise) then close it by 1-2 turns (turning it clockwise). Remove the Allen key and reinstall the rebound adjuster knob by pressing it into the bolt.



AIR SIDE

Install both the washer and bolt. Use a torque wrench with 5mm Allen bit and tighten to **8Nm**.

