



# Groupe Horticole Ledoux inc.

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## MixRite

### Procédure de graissage et changement de joints

#### 1- Le graissage

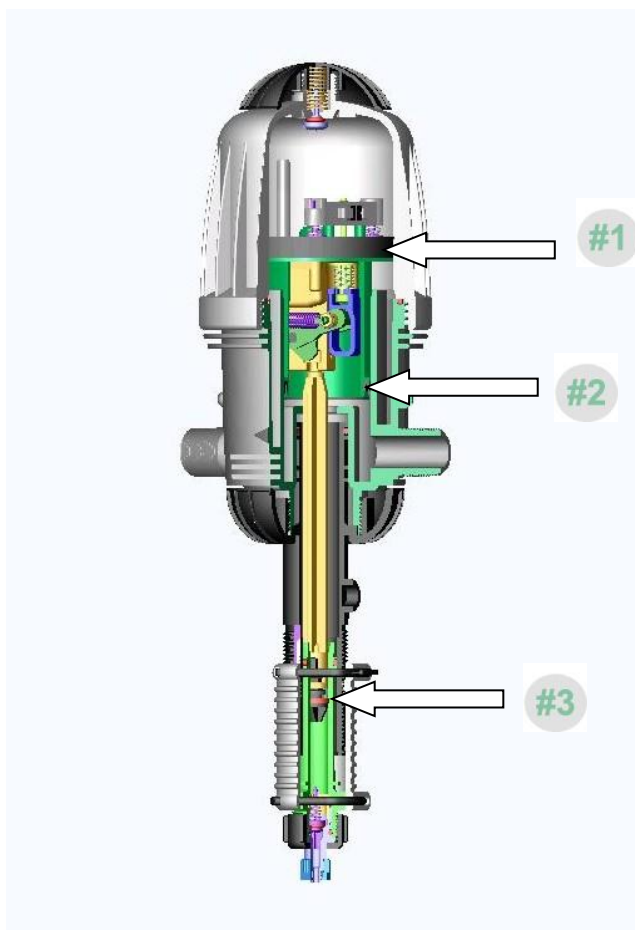
Il est recommandé de graisser les joints d'étanchéité à chaque début de saison et plus souvent au besoin (un regraisage peut particulièrement aider si de petites particules argileuses viennent abîmer les joints en cours de saison).

**Type de graisse à utiliser :**

Lubrifiant pour « O » ring (vendu chez GHL sous le code 160-03090010)



Voici les endroits devant être graissés :



## 2- Instructions pour changer les joints d'un MixRite

Il y a 3 joints pouvant être changés: 

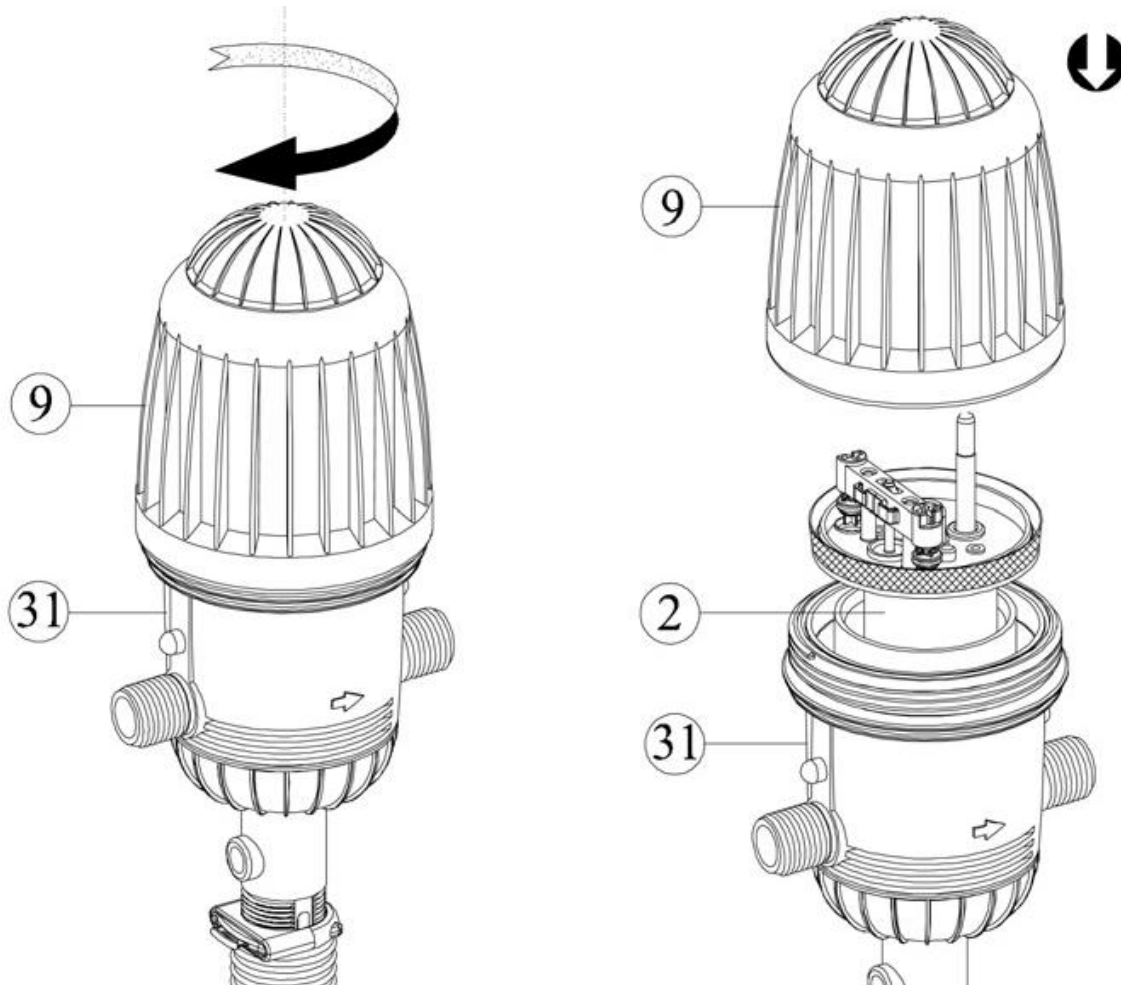
### ( Instructions en anglais )

*Tiré du feuillet " Instruction for changing seals in MixRite " de TEFEN*

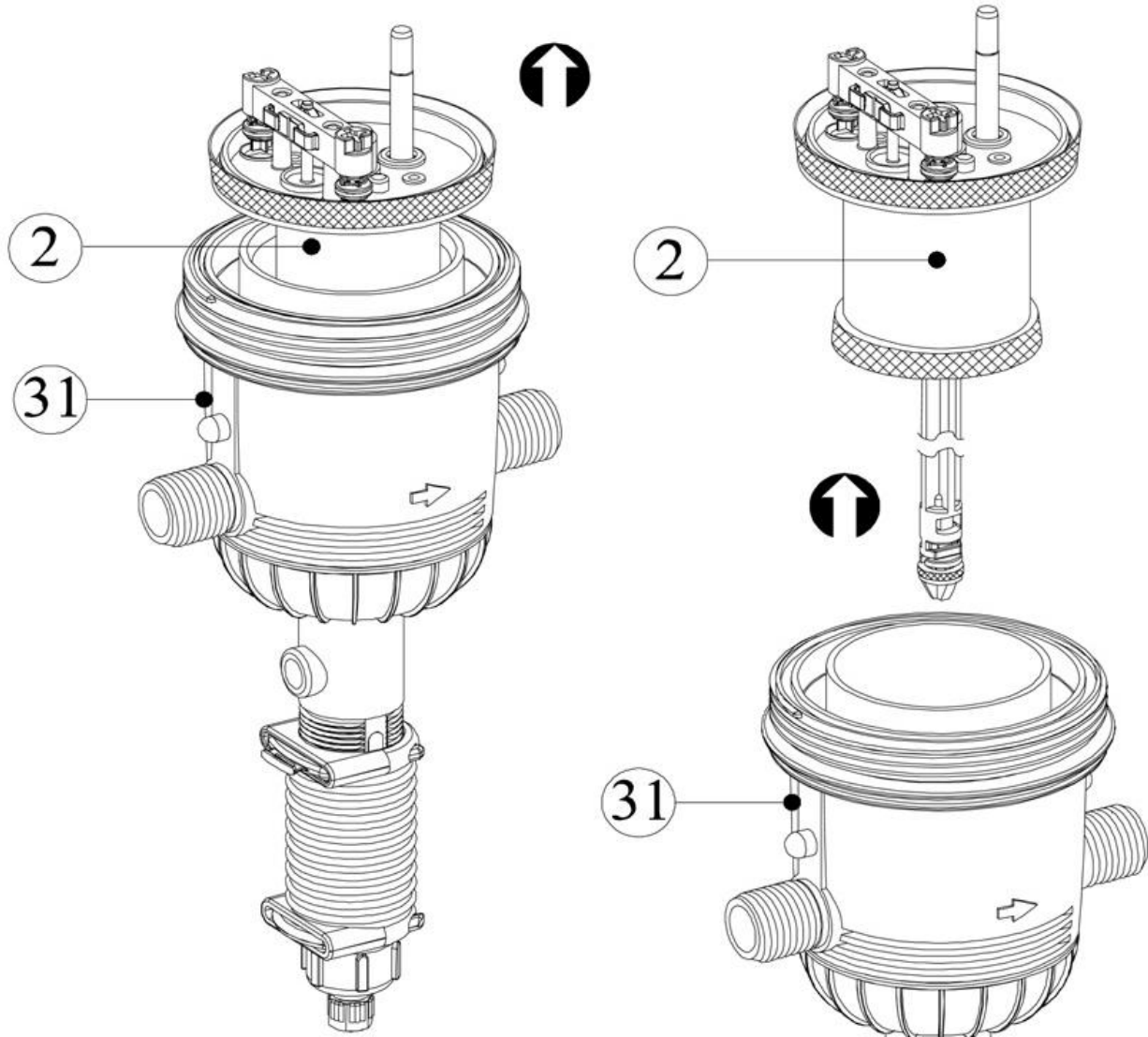
When the proportioning pump starts to "stutter", or doesn't operate at all in low flow rates, it is time to change the piston seals.

When the proportioning pump stops sucking supplements, or starts doing so irregularly, it is time to change the suction seal.

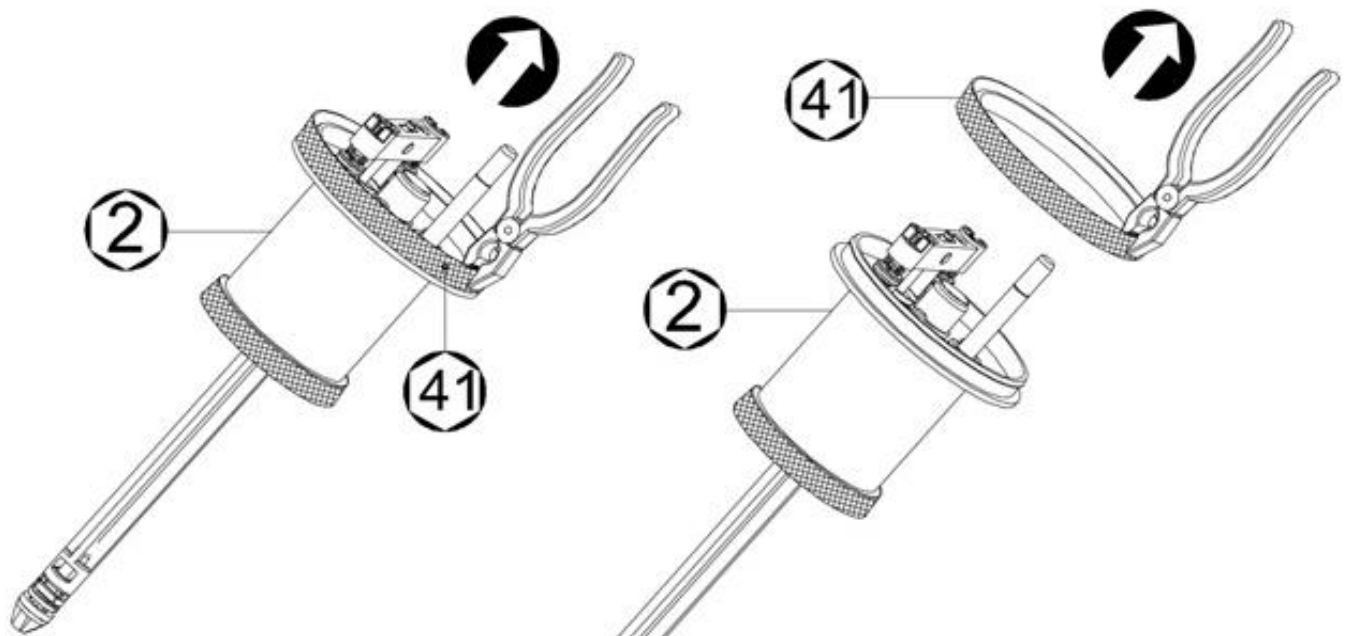
- A. Release and take off the cover (9) by anticlockwise turning it with your hands.



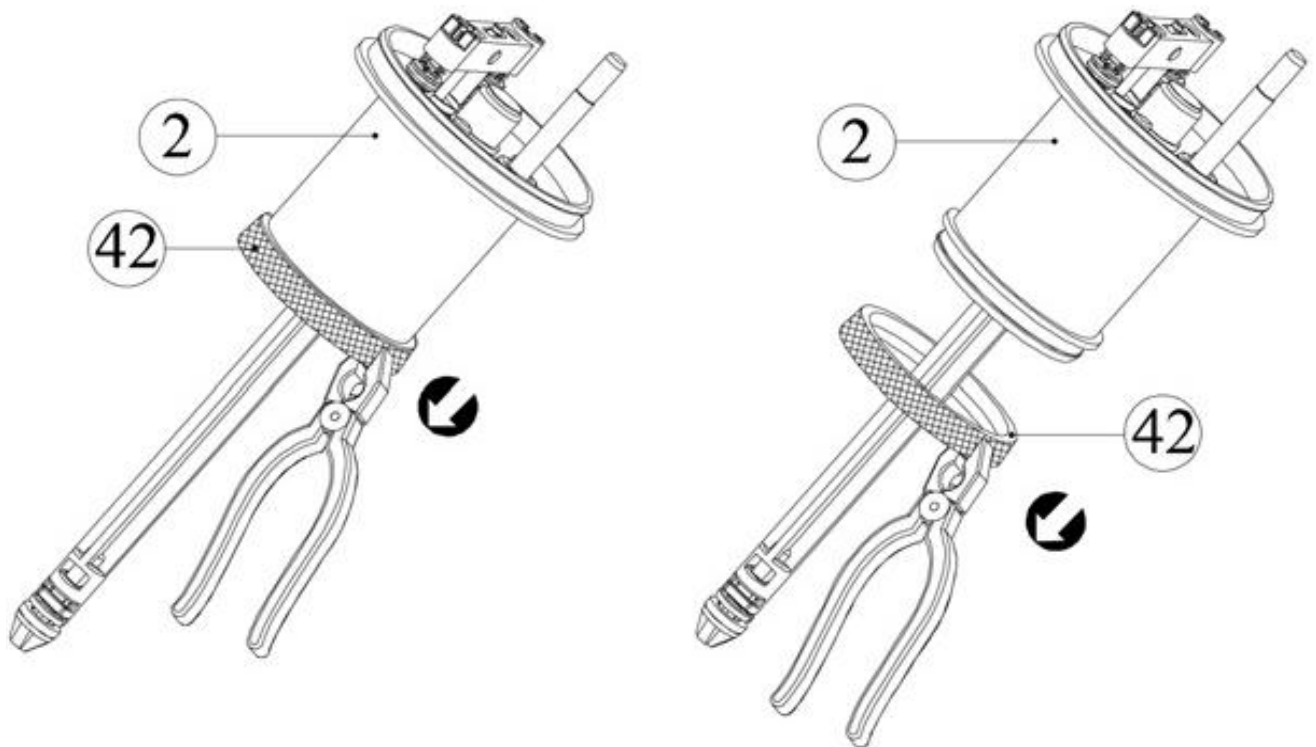
B. Pull out the piston body and take it out of the body, pulling it carefully upwards.



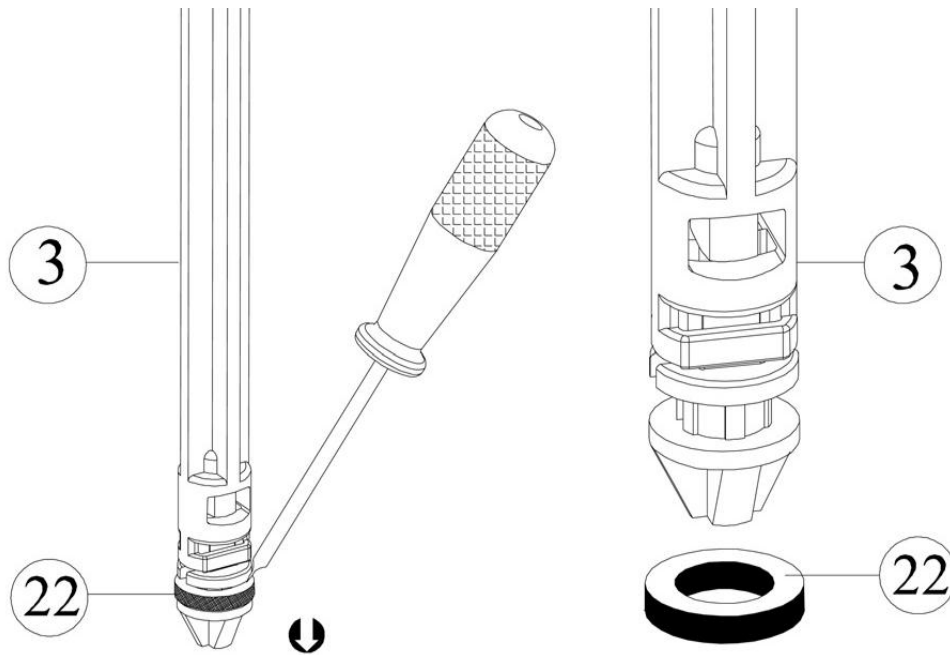
C. Use a pair of pliers to grasp the rim of the upper piston seal (41), pull firmly and remove the seal from the piston body.



D. Use a pair of pliers to grasp the rim of the lower piston seal (42), pull firmly and remove the seal from the piston body. **Beware:** not to damage the piston body with the pliers.

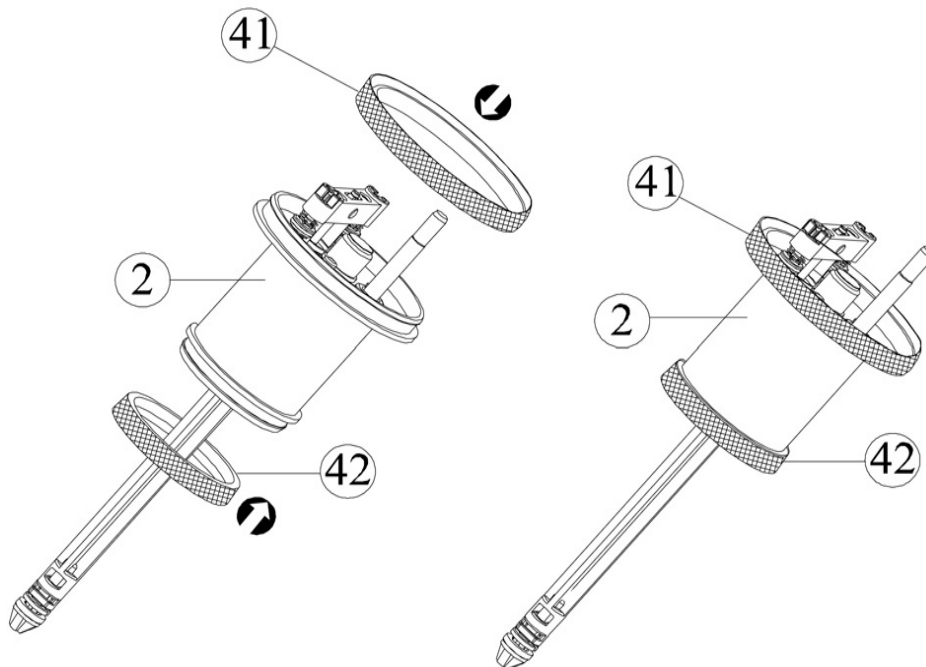


- E. Use a small screw driver to take out the suction seal (22).  
**Beware:** not to damage the piston body with the screw driver.

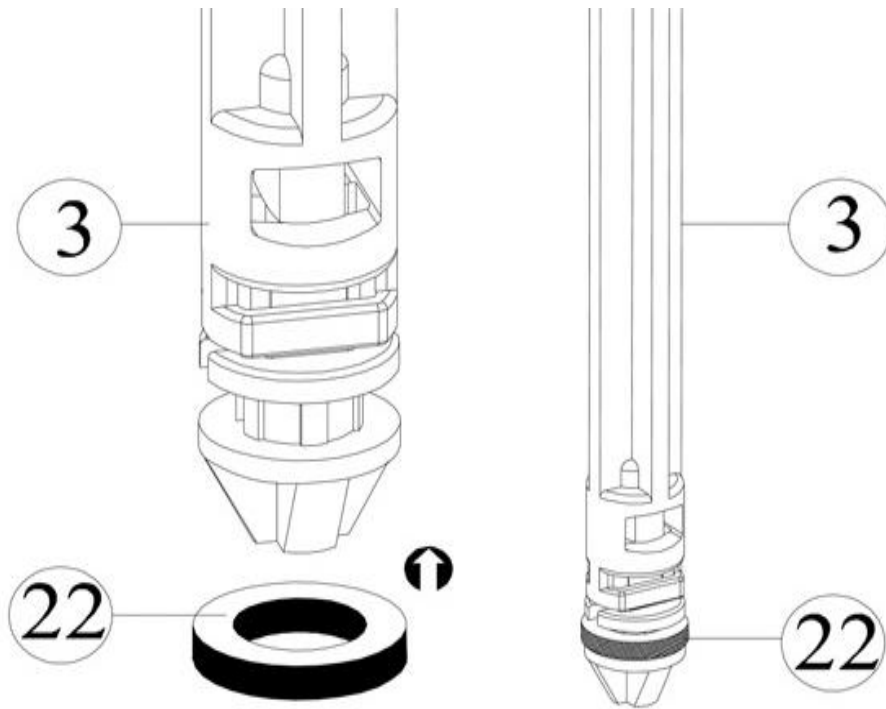


- F. Toss out the seals you removed, they cannot be re-used.

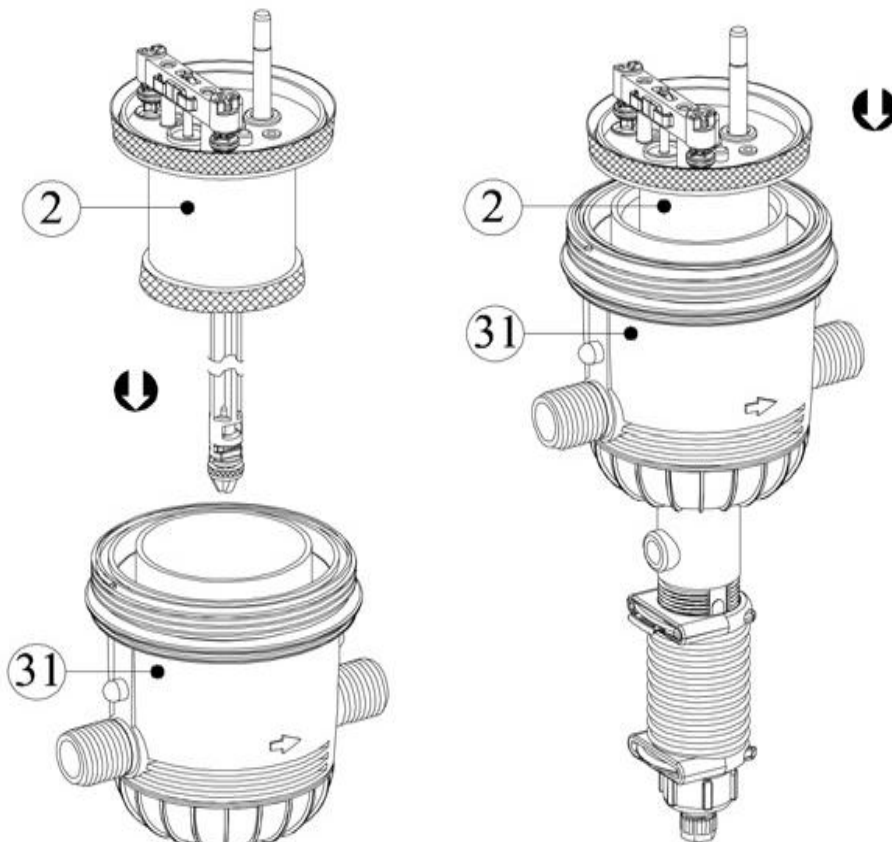
- G. In order to assemble the piston seals, dip them for 60 seconds in hot temperature (60 °c/ 140°f) water. While still warm, insert them to their carriers in the piston (2) using no other means of energy than pressure created by your own hands. Make sure that the seals are stable in their career.



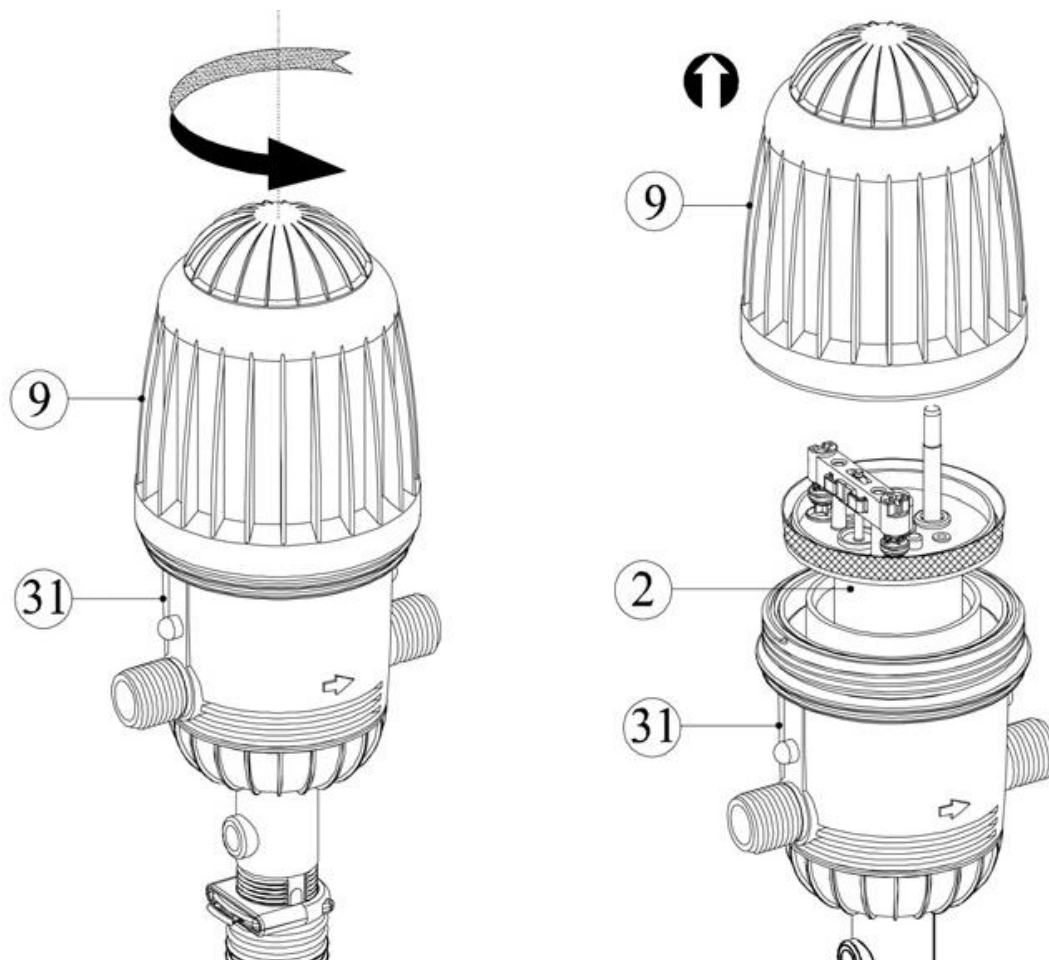
H. In order to assemble the ejector seal in it's carrier in the piston, apply force while sliding in the seal, during the process the seal will extend and shrink back to his carrier. Make sure that the seal moves freely in it's carrier.



I. It is advisable to apply a little silicone grease on the new seals. Put the piston body back into the body (31). If you experience any difficulty, press gently on the valvebridge (13), to enable air exit.



Put the cover (9) back on top of the piston body (2) and screw the cover to the body (31) by clockwise turning it, using only your hands. Make sure that cover "O" ring (43) is stable inside its carrier.



- J. Each kit has a small jar of silicon grease. It is highly recommended to apply a thin layer of silicon grease on all the Mechanism moving parts.

**The MixRite is ready.**