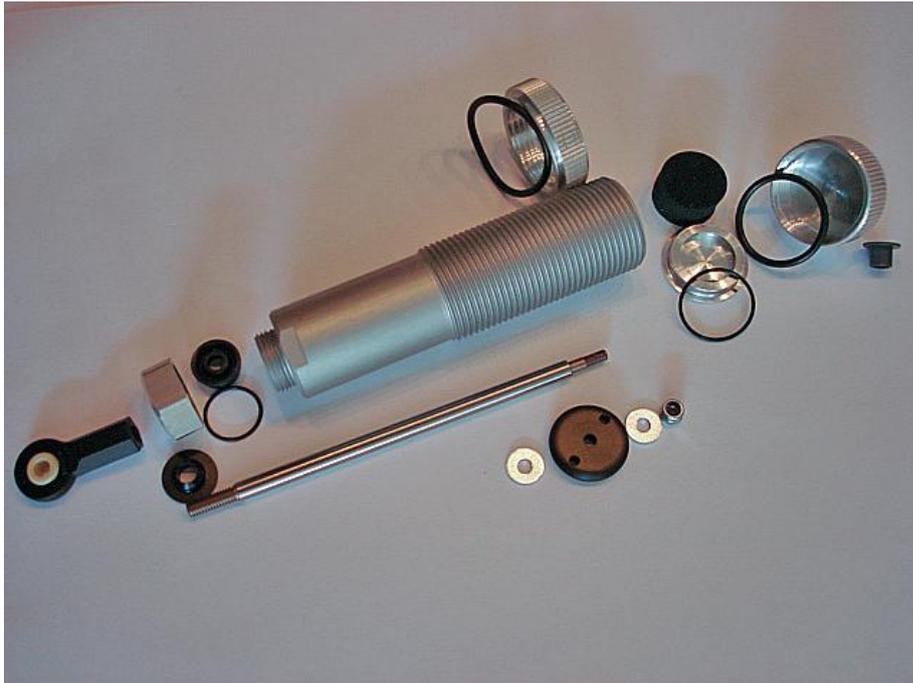


## Assembly shock absorber



All components needed for assembly of the shock absorber are shown on the left. Parts are placed as much as possible on the spot where they are mounted. Spring(s) and retaining disc are not shown but are included in the package.

Not included is silicon oil. We recommend to use Elcon silicon oil.

We advise to **strictly** follow the described assembly procedure to prevent damage etc.



Step 1: Place the smallest o-ring around the housing over the thread.

Step 2: Place the seal with the opening pointed towards the inside (oil side)



Step 3: Place dirt scraper inside the closing cap for the bottom.



Step 4: Place bottom cap on housing and turn until locked, use a key to tighten.

Step 5: Assemble ball joint to piston rod by hand.



Step 6: Lubricate the top of piston rod with a bit of silicon oil. Place piston rod into the shocker housing from the bottom. When passing the seal rotate the piston rod and gently push through the seal. Never mount the piston rod from the other direction!



Step 7: Push the piston rod fully into the housing. Assemble now the ring-piston-ring and secure with the nyloc nut.

Step 8: Use a key to tighten the nyloc nut. When tightened keep on turning while holding the ball joint firmly. Turn until fully tightened.



Step 9: Insert the 24x2 o-ring in the groove and assemble the ring onto the shocker housing

Step 10: Install the 17x1 o-ring on the closing lid. Peel of the sticker from the foam and insert the foam, while compressing it, into the lid. Degrease and dry lid before inserting the foam.

Step 11: Insert the 20x2 o-ring into the top cap of the housing. Also insert the bushing (bench vice).



Step 12: Fill shocker with oil. Depending on shocker type 3~6mm under the edge. Let air escape while moving the piston gently up and down, keep the piston under the oil surface. Place lid till it sits on the o-ring. Move up the piston until 3/5<sup>th</sup> compression, oil should bleed out. When not bleeding, shocker was insufficient filled with oil. Now push in the lid and at the same time pull the rod out. Remove oil on outside of housing and assemble the top cap.



Step 13: Complete the shocker with applying springs. With dual springs, make sure to use the smaller spring on top. Dual springs are seperated by a spring splitter.

Do not forget to maintain your shocker, this ensures a longer life of your seal. Circumstances where used have a big influence on the time interval of maintenance. In wet and dirt conditions a shorter time interval for maintanance is advised.