



Saeco Royal Support Dichtung - Seal Replacement

Replacing the seal on the support valve of the Saeco Royal.

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INTRODUCTION

The seal on the support valve is heavily stressed. It should always be well greased and also be exchanged from time to time. In this model, the support valve is independent of the heater, there is also a version in which it is screwed to the heater.



TOOLS:

- [Phillips #2 Screwdriver](#) (1)
- [New Item](#) (1)



PARTS:

- [New Item](#) (1)

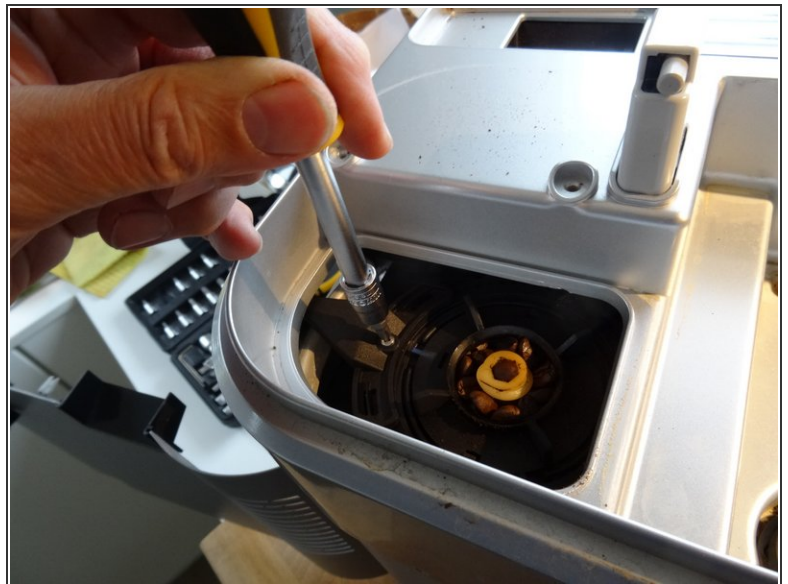
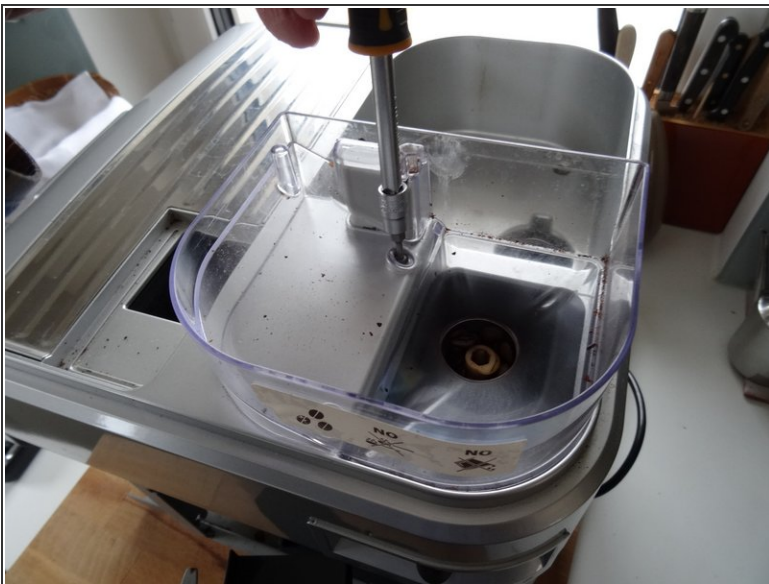
Step 1 — Preparing



 **Unplug!**

- Remove all attachments like water tank, brewing unit etc.

Step 2 — Top



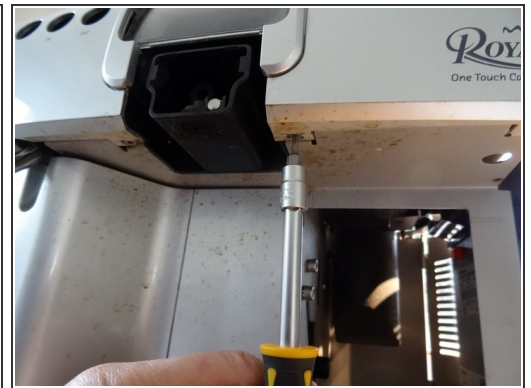
- The coffeebean supply is fixed with two screws. Unscrew them and lift it off.
- The adjuster of the grinder has to be solved. Mark the position or just take a picture. This type is fixed with a screw, others are only stucked together.

Step 3 — Rear side



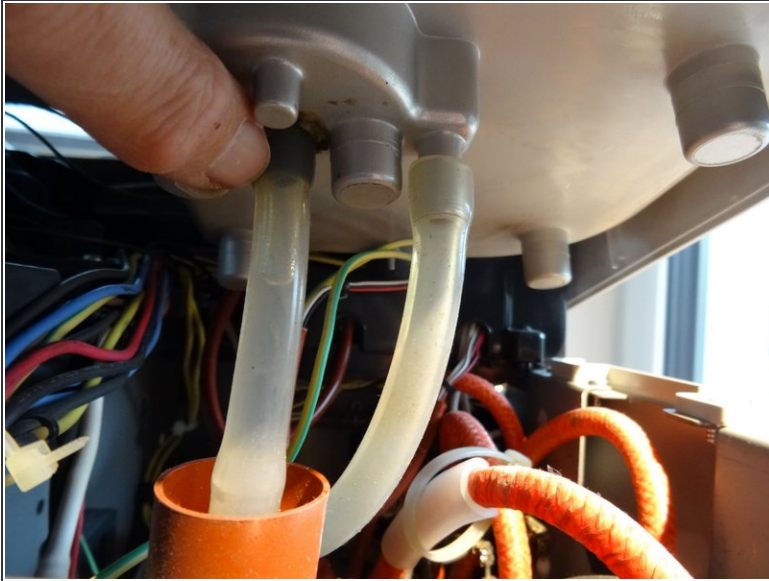
- There are two screws to be turned out.

Step 4 — Front



- The screws are situated on the underneath of the cover. This type is held by four screws.

Step 5 — Lift cover off



- Now the cover can be raised: first grip on left and right rear side and lift about 10 cm (4 in). Sometimes the cover jams a little bit.
- Solve the hoses which lead to the water tank. Perhaps you have to pull out some contacts, (e.g. the yellow-green protection lead), don't forget to put them on again later.
- The cover can be drawn aslant towards the front, sliding it over the hot water pipe.
- Most repairs can be done with the cover being laid up partially , it must not be completely removed.

Step 6 — To open



- On some models, the support valve is bolted to the heater. There are these instructions.

Step 7 — Release support valve

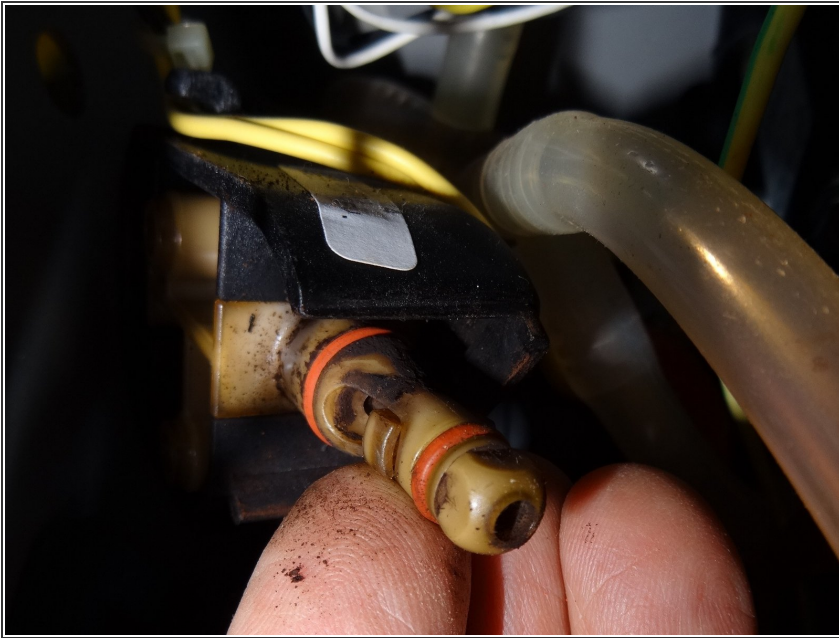



- The support valve is visible when the brew group has been removed. It represents the connection between

the hot pressurized water and the brewing group.

- Two big screws hold the valve, here 6mm Allen screws. To solve.

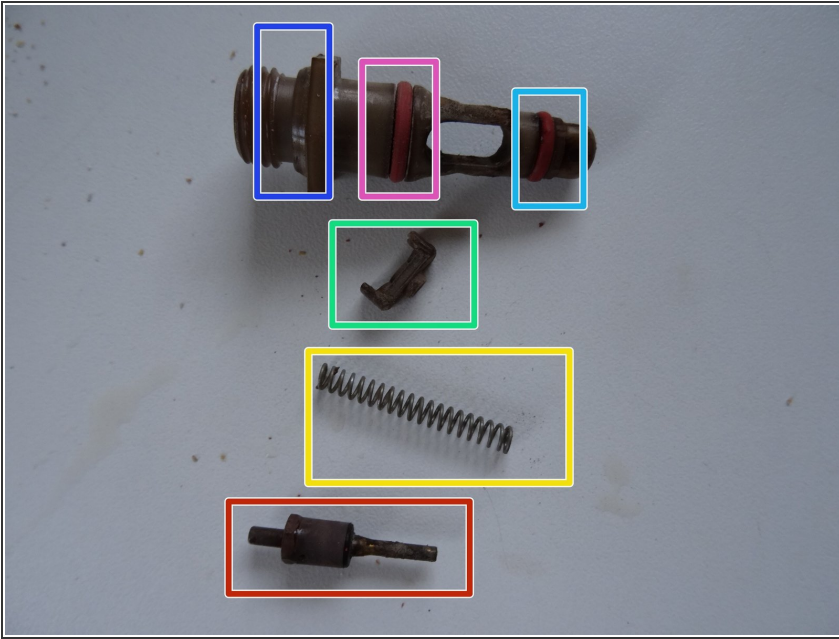
Step 8 — Replacing the seals



 Danger. The small sliding piece in the valve is sensitive.

- Careful cleaning is very beneficial to the aroma.
- The valve is single in this model. Here two seals are exchanged. For other models, it is bolted directly to the heater. In this case, remove the heater and valve and unscrew the valve. You then have to replace three seals.

Step 9



- Unscrew the valve piece with a wrench SW 13.
- Check if everything is smooth. Clean all parts well. Careful, they are sensitive.
- The valve spring.
- The valve stamp. Check if the gasket on the valve seat is still good. Change it if necessary.
- The sliding piece.
- Support seal on the thermoblock. Medium size.
- Support gasket above. The biggest of the three.
- Support gasket below. The smallest.

Repeat the steps in order to reassemble your device.