



# Removal of the changeover valve

This repair can help, if water comes out of the filter holder during milk frothing.

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## INTRODUCTION

The diverter valve may become clogged if water is not rinsed regularly with water after foaming. Or if the seals are old and need to be replaced. Sometimes the mechanics are loose and the sliding mechanism does not close properly anymore.



### TOOLS:

- [Gabelschlüssel](#) (1)
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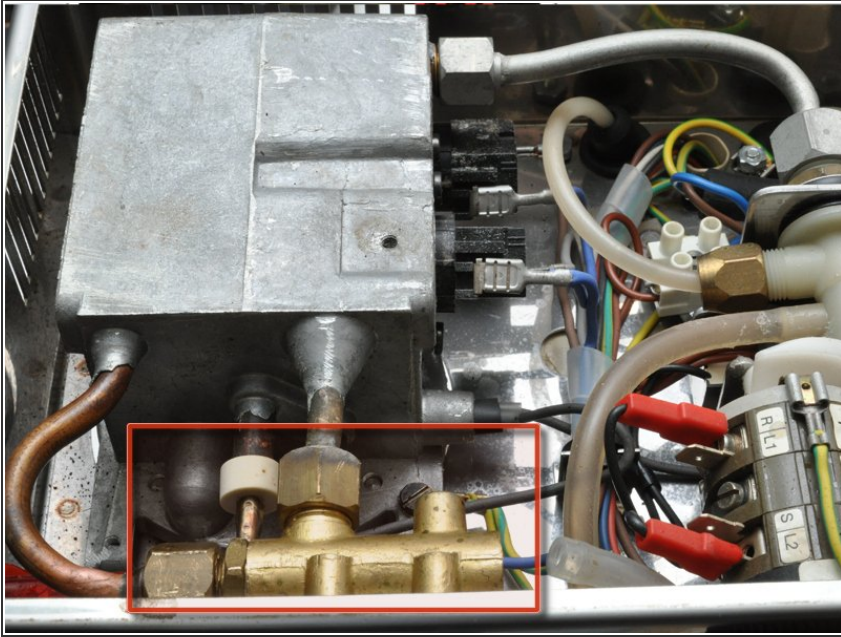
## Step 1 — Removal of the changeover valve



- The machine can be opened by a Phillips screw on the top

 Be sure to unplug the plug first!

## Step 2



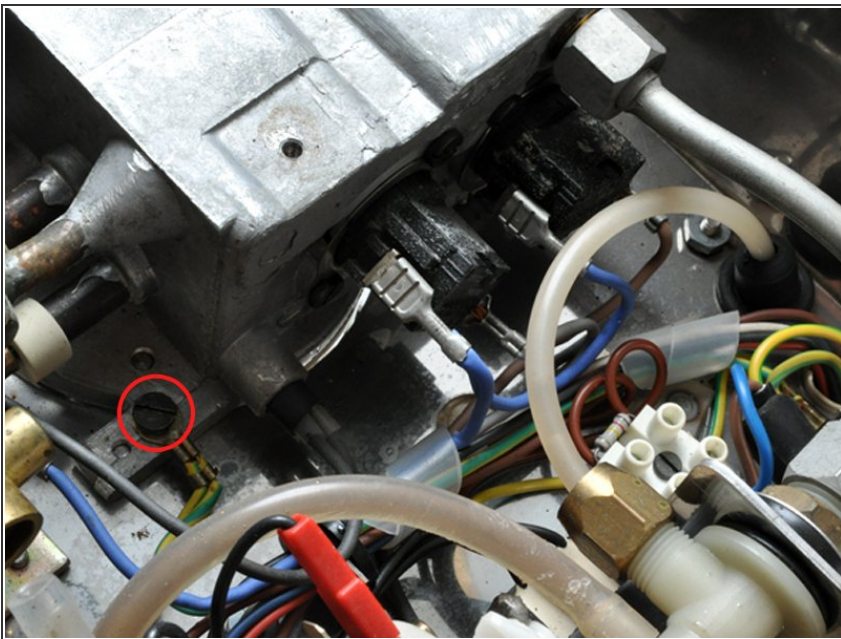
- After opening the lid, the machine shows its interior.
- The water comes from the top right into the thermoblock and then enters the bottom right of the Thermoblock in the switching valve.
- Depending on the position of the milk frother nozzle, the water is either directed downwards into the frothing nozzle or to the left back into the thermoblock to the coffee spout.
- Now, use the open-end wrench to free the diverter valve from all tubes and disconnect the hose.
- Carefully disconnect the changeover valve from the milk froth nozzle.
- If connections can not be easily solved, it is recommended to remove the complete unit consisting of thermoblock and diverter valve.

### Step 3



- Remove 5 screws to remove the complete thermoblock and changeover valve unit.
- Open the screws with an 8 nut.

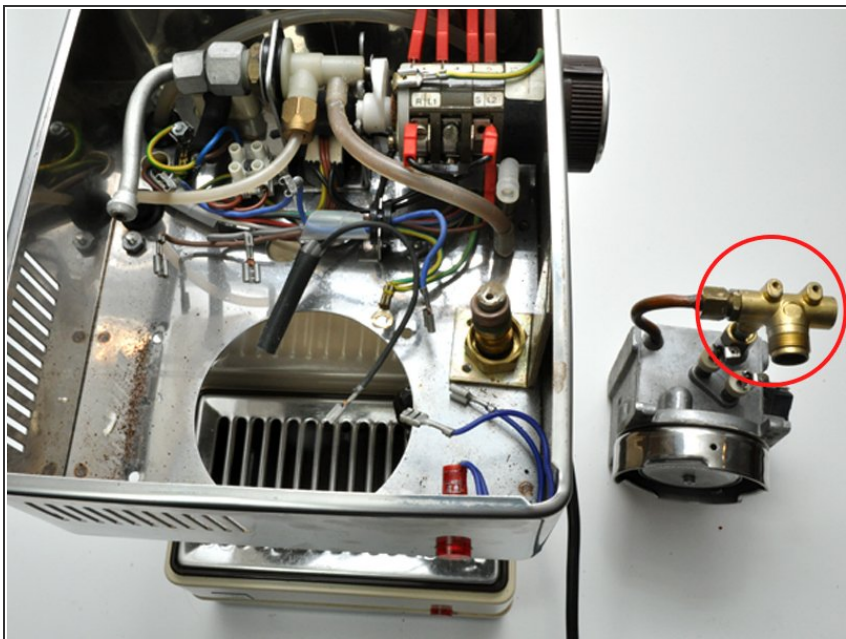
### Step 4



- Before the thermoblock can be removed, all cables and the temperature sensor are disconnected.
- Note the removal of the cables well or note them down.



## Step 5



- After that, the diverter valve can be disconnected from the thermoblock.
- Possibly. Process calcifications with descaler.

## Step 6



- In the interior of the valve, a small plug is pushed to the left and to the right to close the outlet on the right

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when the milk frother nozzle is unfolded.

- So no more water can get to the coffee spout.
  - Thoroughly clean the valve and check the seals and replace if necessary.
  - When reassembling, make sure that the milk frothing nozzle is fully inserted, that the sliding mechanism works smoothly and that the nozzle is firmly connected to the valve.
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