



# Siemens Surpresso Compact Grindstones Replacement

If the grindstones are bold, the coffeebeans...

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# INTRODUCTION

If the grindstones are bold, the coffeebeans are more crushed than grinded. New grindstones improve the aroma substantially.



## TOOLS:

TR10 Torx Security Screwdriver (1)



## PARTS:

Mahlsteine (1)

## Step 1 — Opening the Siemens Surpresso Compact



**⚠ Unplug your coffee maker!**

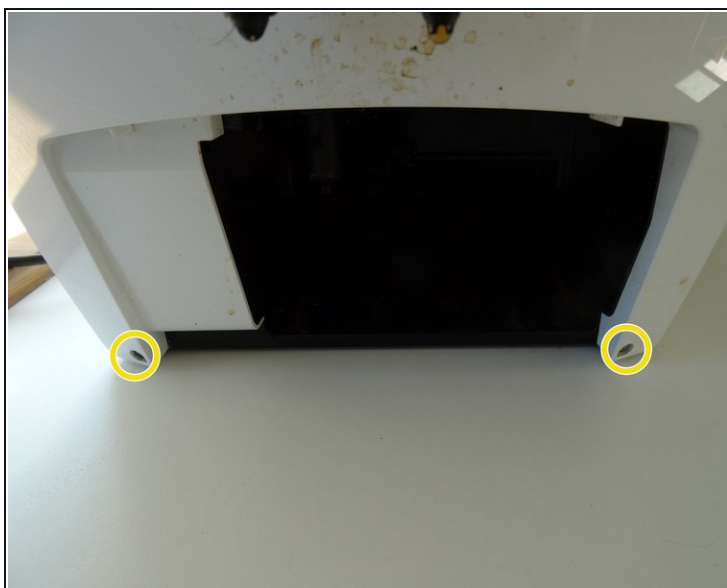
- Remove the water container, the brew group and the drip tray with pomace container.
- Using a spoon, remove as much of the coffee beans as possible from the coffee bean container.
- ⓘ Depending on the model, additional sensors with cables may be installed on the top and side panels. You have to remove these before you can completely remove the housing parts.

## Step 2



- Remove the two Torx T10 screws on the top.

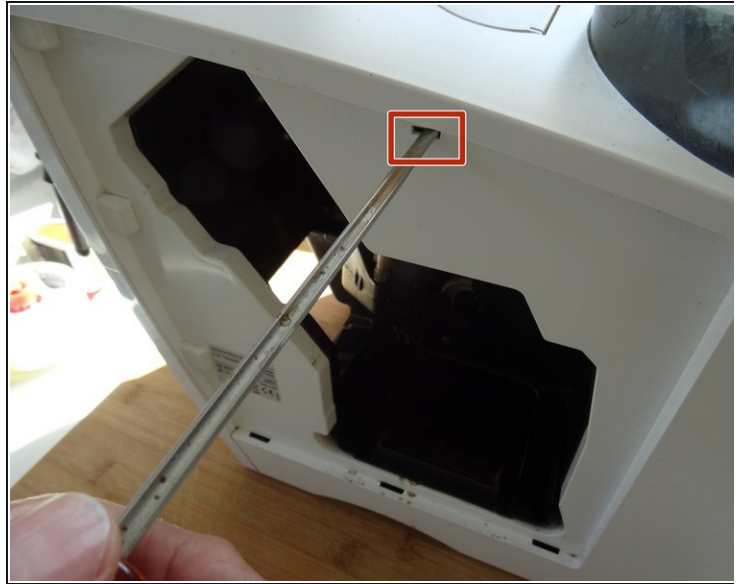
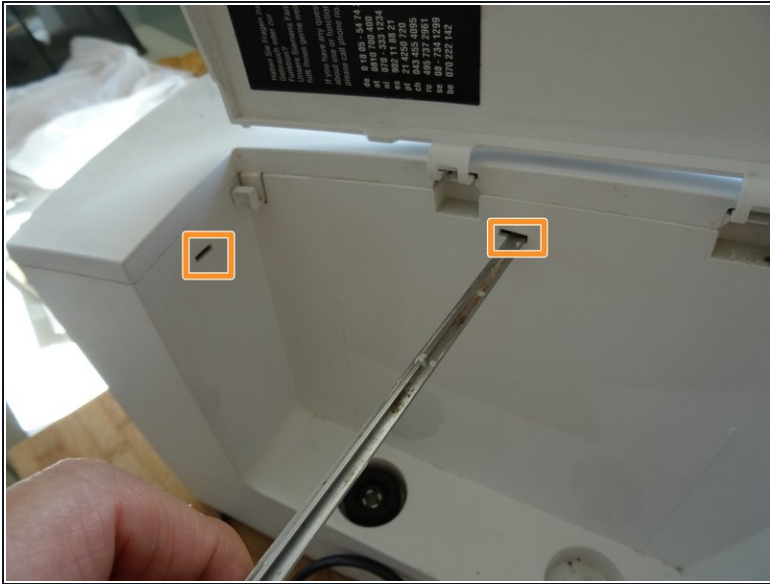
## Step 3



- Remove seven T10 Torx screws on the back.
- The two screws at the bottom of the front can remain.



## Step 4



- Press with a flat-head screwdriver into the openings on the side with the water tank. This releases the latches on the top.
- Press the flat-head screwdriver into the opening on the side with the brew group. This will release the last notch on the top.
- Lift the top off.
- On some models, a cable leads to the sensor on the powder tray. Unplug the connector on this cable first.

## Step 5



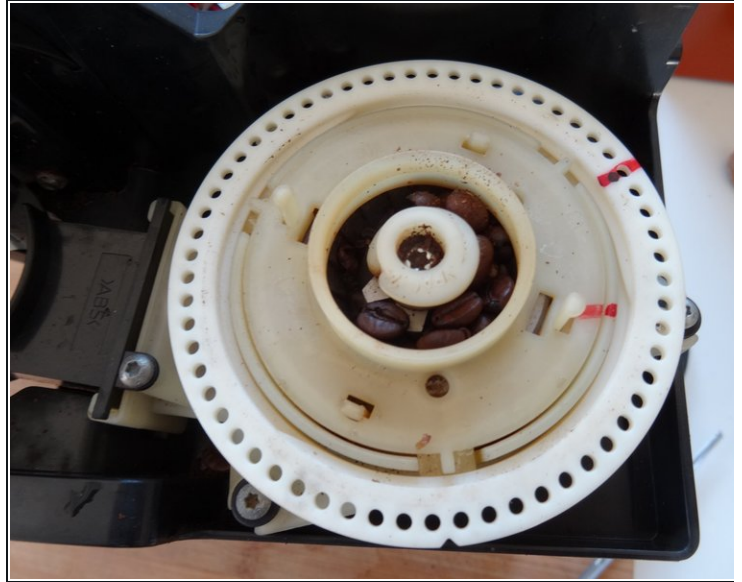
- Slide the side section of the brewing unit about 2 cm to the rear. This sometimes gets stuck and may require some force to remove.
- Remove the two tabs from the power switch.
- Take off the side panel with the brew group.

## Step 6



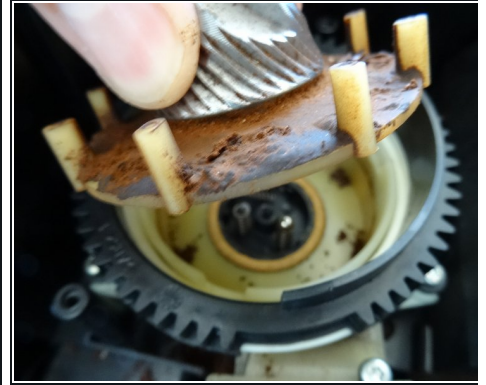
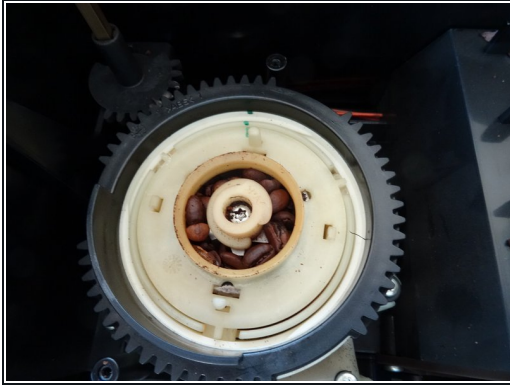
- Do the same with the panel on the other side.
- To remove the water tank hose simply pull it off the pump.
- Remove the side panel.

## Step 7 — Opening the Grinder



- The grinder is situated on the top right rearside of the device. The adjuster and the outer ring can just be taken off, but this is only necessary if the grinder has to be completely replaced. Be careful and do not use excessive force.
- ☑ Beyond the white ring with the holes there is a small springloaded ball (3.2 mm diameter). It ensures that the ring clicks into place, hence the click. Be careful, it can fall out and get lost.
- The following pictures show a grinder of a Jura and there are slight differences. But since the grinder is the same, the repair is basically the same.

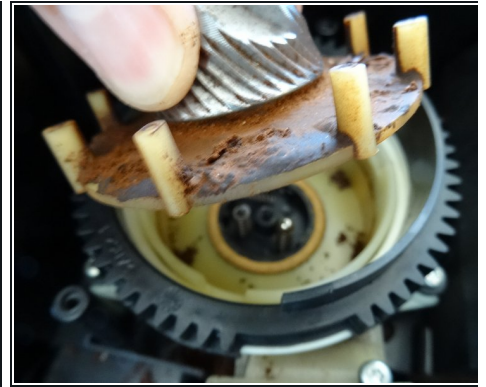
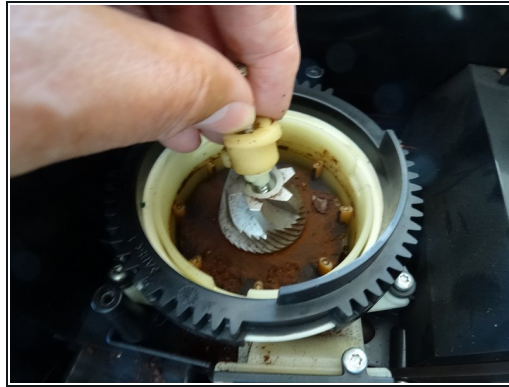
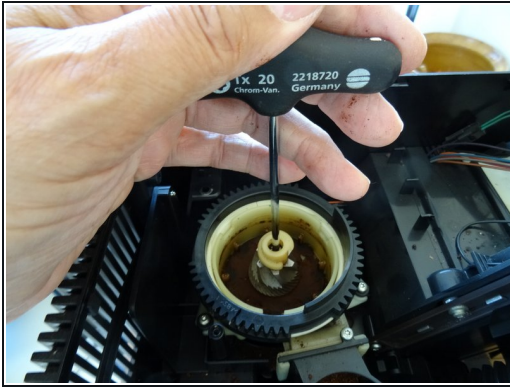
## Step 8 — Removing The Grinder Ring



- Now the grinder is free. Again take a picture, then pull out the axis of the adjuster with moderate force.
- ⓘ This adjuster may not be present on some models.
- Depending on the model you will find a silicon sealing on top of the grinder ring, remove it.
- Watch the fabrication signs , here green. This alignment must be restored later. Now turn the great black gear about 90 degrees counterclockwise. The grinder ring is free and can be lifted off.



## Step 9 — The Grinder Cone

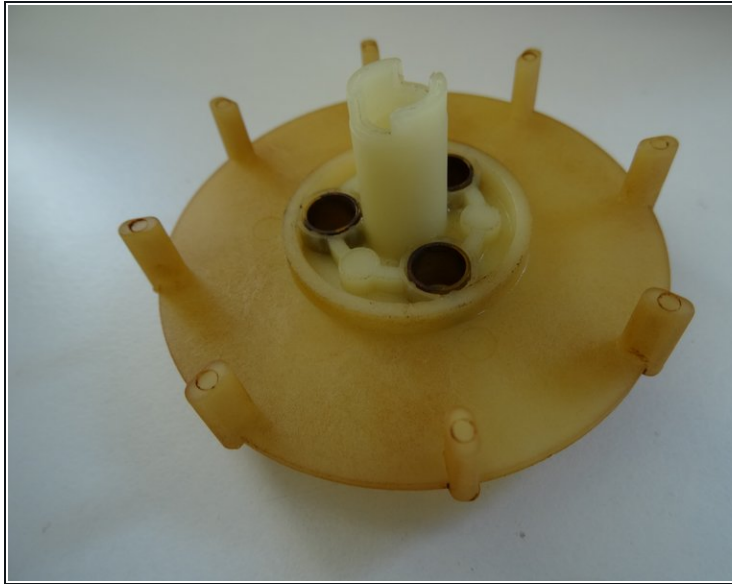
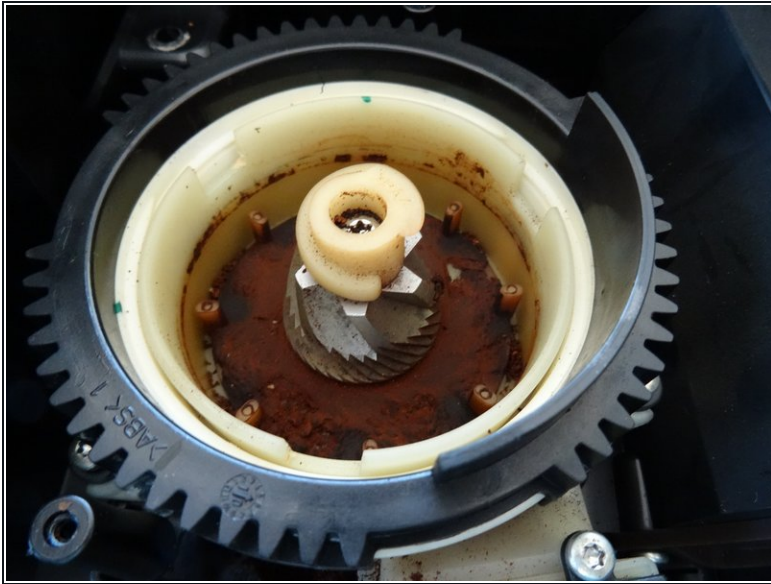


**⚠ In the next step be very careful not to loose these three springs, balls and cartridges.**

- The grinding cone is fastened with a long Torx T20 screw. The screw head is often covered with remnants of coffee beans. Expose the head and turn the screw out counterclockwise.
- Now the bean feeder (the small white snail) can be removed. The grinder cone and drive can now also be lifted up carefully.



## Step 10 — Cleaning



- The grinder is usually filled with old, sticky coffee grounds. Clean everything carefully for an excellent coffee aroma.
- Gently lift the felt ring around the drive shaft with a needle, then wipe it clean with a damp cloth. Do not attempt to wash it, as there is a risk that it will swell. When first used, turn it over with the clean side up.
- Clean the inside of the grinder with a brush and damp cloth, and the blades with a dishwashing brush. Ensure it is properly dried before use.

## Step 11 — Change The Grinder Ring



- Push both of the small latches alternately. Then the ring cover should come out.
- Two clamps hold the grinder ring in its place, push them aside and it should come free.
- Again clean everything. Press the new ring and cover in its place. With that the grinder ring is exchanged.

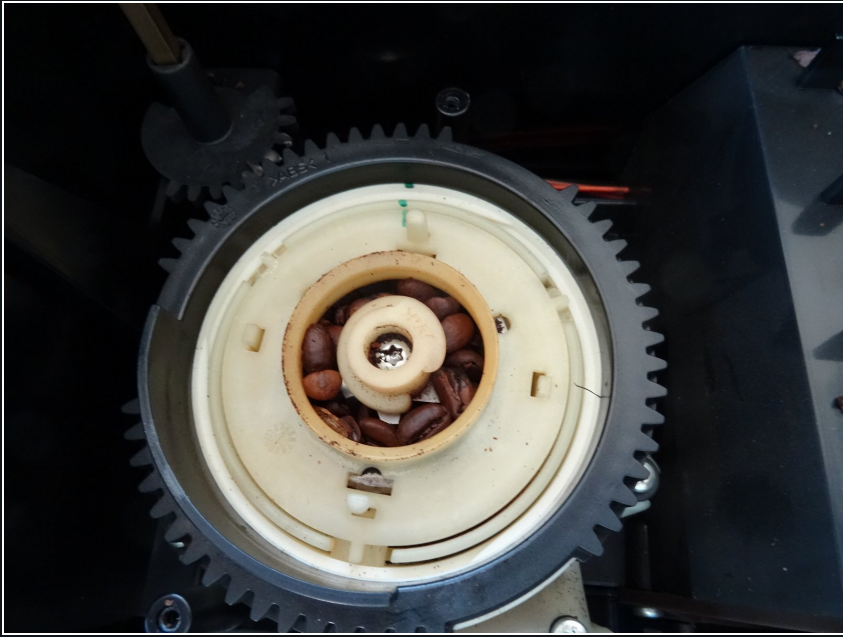
## Step 12 — Change The Grinder Cone



- First insert the cleaned driver, then the three sleeves, springs and balls. Now fit the grinding cone on the three balls.
- Then fit the auger, screw in central screws. When screwing in, push the cone downwards and make sure that everything meshes.

**⚠ This screw turns into plastic. If it doesn't fit properly, the thread will be damaged. So first turn the screw counterclockwise until you feel that the first thread is engaged. Then tighten it turning clockwise.**

## Step 13 — Reassembling



- Insert grinding ring. The black gear is turned to the right again until the three marks are aligned. Then reinstall the adjuster drive shaft as it was originally.

- ① The adjustment of the new grinder burrs must not necessarily be the same as the old ones. You can approximately find the mean position, which was marked before, by turning the outer ring as far as possible clockwise, then turning it fourteen clicks backwards.
- ① It is a good idea to check if the grinder rotates freely. You can remove the meal hopper and look at the millstones from the side.
- Then install the remaining parts in reverse order.
- You can set the grinding degree nicely by placing an empty roll of toilet paper perpendicular to the open mill and filling it with a few coffee beans. Plug in the plug (be careful!), choose a cup of coffee and watch as the coffee grounds fall out of the grinder.



## Step 14 — Before - After



- These two pictures are no fake: Before repairing the grinder the coffee is thin and transparent. With new stones the coffee is strong and has a fine crema. The repair was a real success!

To reassemble your device, follow these instructions in reverse order.