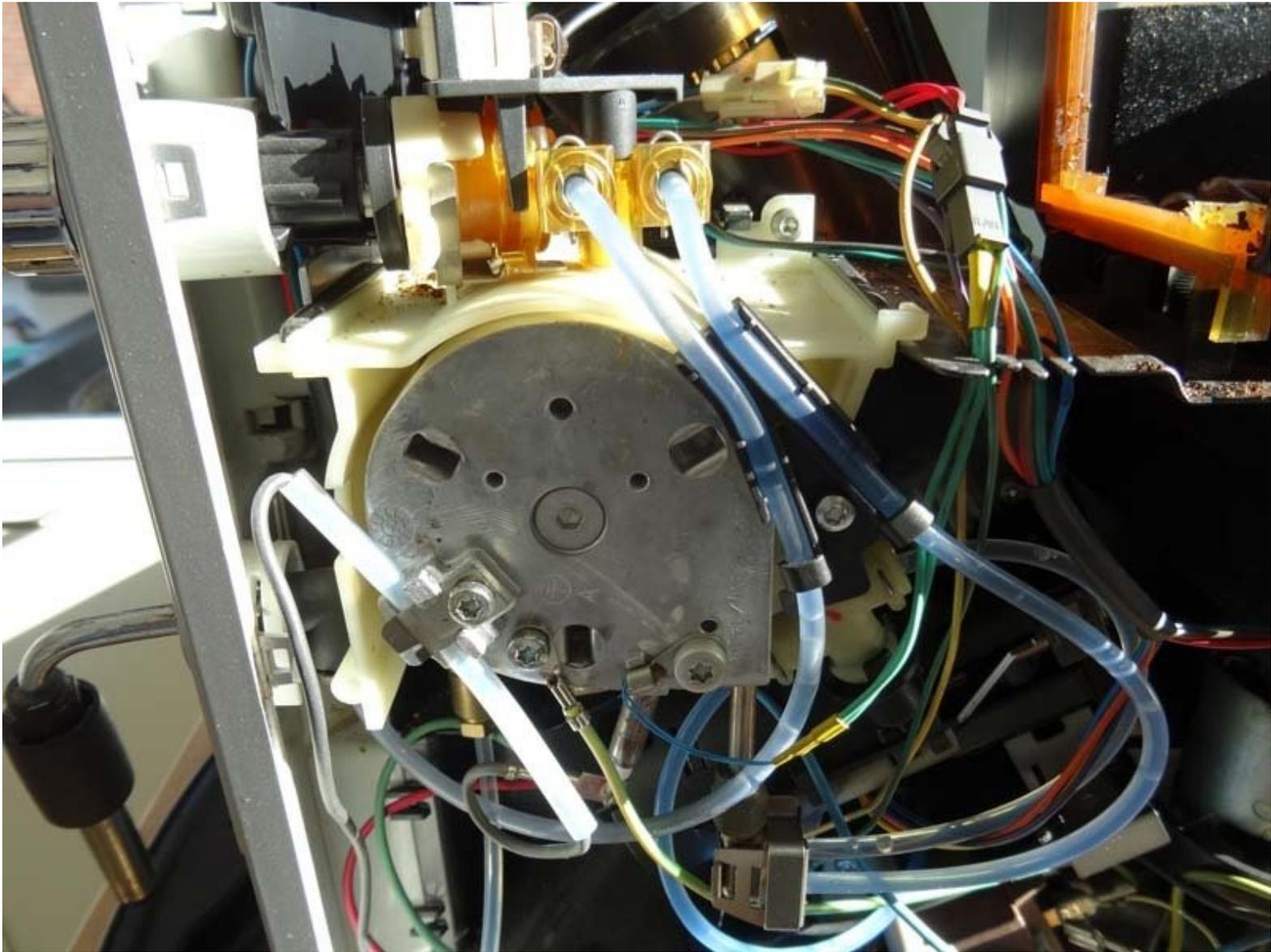




Jura Heater Replacement

Many models of Jura Krups or AEG coffee makers...

Written By: VauWeh



INTRODUCTION

Many models of Jura Krups or AEG coffee makers have this "thermoblock" installed. You have to replace it if the coffee is too cold or the flow is - mostly disturbed by limescale. Older models are equipped with another type of heater if so use this [guide](#).



TOOLS:

- [Oval Drive Bit](#) (1)
- [T15 Torx Screwdriver](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [Curved Needle Nose Pliers](#) (1)
- [TR10 Torx Security Screwdriver](#) (1)



PARTS:

- [O-rings](#) (1)
- [Boiler](#) (1)

https://www.juraprofi.de/Jura-Ersatzteile/Erhitzer-Thermoblock:::38_323.html

Step 1 — Jura Impressa Type C E F opening procedure



- The instructions are suitable for nearly every model of Jura and similar ones e.g. AEG and Krups.

⚠ Unplug!

- Remove the water reservoir.

Step 2



- i** On the rear side is an obstacle: four "oval head screws" looking like rivets. You can remove them using a special oval drive bit. They are sold at iFixit with the tool kits as well as some Jura suppliers or somewhere in the internet. Jura wants to keep us out of our own machines!

 - Using an oval head bit you can screw them out. If you haven't got one you can carefully use pliers. It is a good idea to later change the screws for normal ones.
- i** You can even create your own [specialty tool](#)

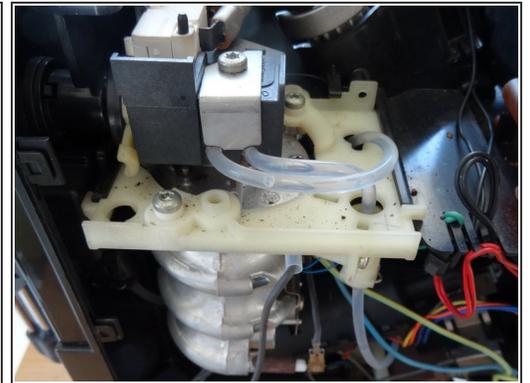
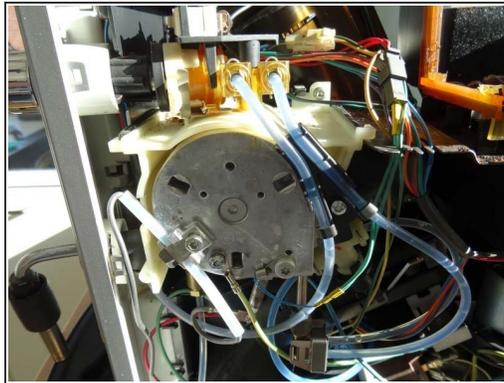
 - Beneath both top side covers are two Torx T15 screws. Remove those. Now lift off the whole top cover. Sometimes it jams and you have to use a bit of force.
 - The side covers must be pushed backwards by about 1 cm. Sometimes this is a little bit difficult to move. If necessary, wedge a plastic opening tool into the gap between the side covers and the front panel. The rear cover can be easily removed.

Step 3 — Pull the plug!!



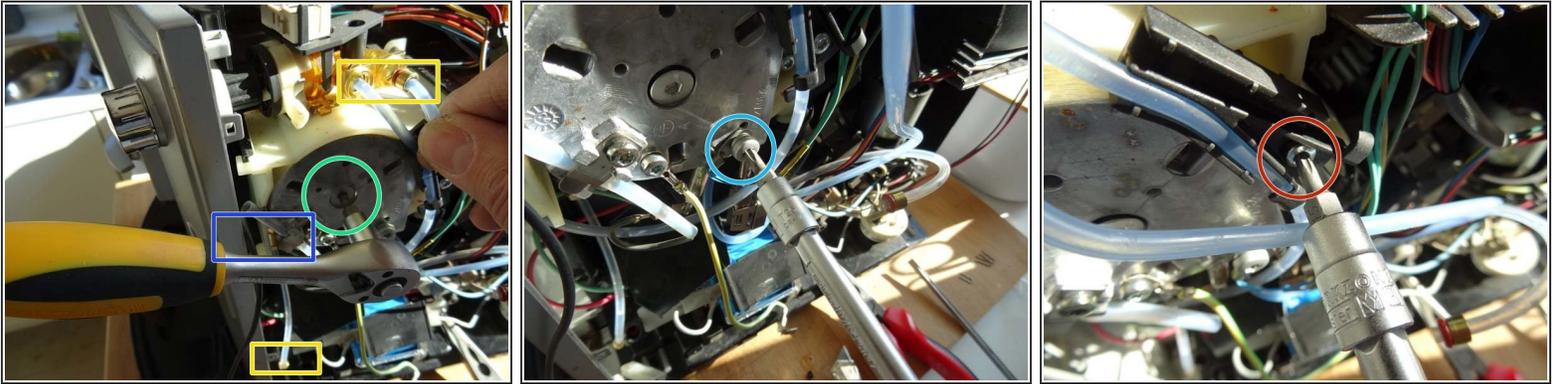
⚠ Is the plug really pulled?

Step 4 — The thermoblock



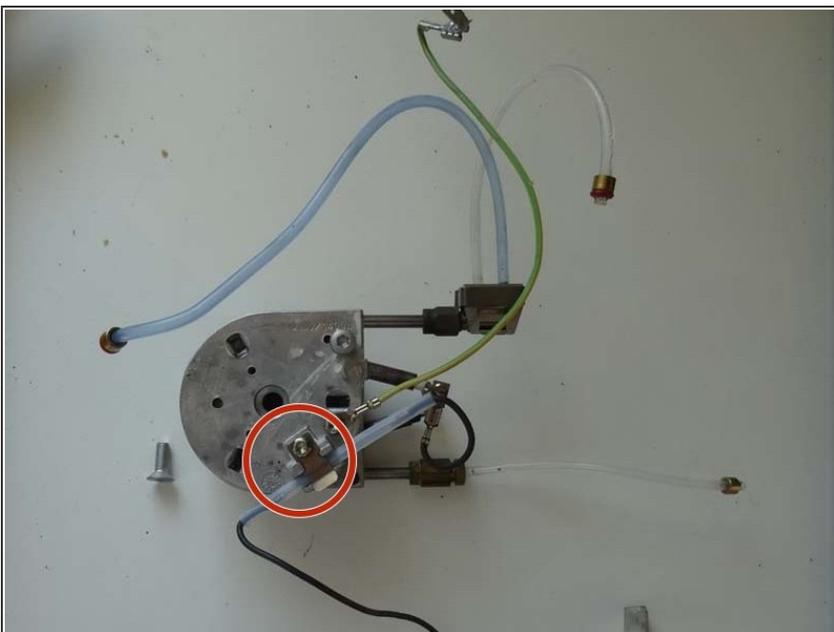
- The block is marked red here.
- ⓘ Older models have a completely differently shaped thermoblock. (Pictures 3). The guide for this you can find [here](#).
- There are three connections for water or steam.
- Three cable feeders.
- A thermocouple.

Step 5 — Release connections



- First, pull the clips on the tubing connectors, then pull out the tubing.
- Then remove the power cables: A gray cable leading to the thermal fuse, a blue one directly from the heater (can also be pulled later) and the green-yellow protective cable is unscrewed.
- Two small blue cables lead to the temperature sensor, it is unscrewed.
- The hexagon screw in the middle can be loosened.
- Unscrew the tube holder, then the block is free.

Step 6 — exchange



- Here lies the block. If you are lucky you can push out blockages from the openings with a wire. Mostly that does not work. The block can not be opened and must then be replaced.
- This is the thermal fuse. First remove the cable lug, then unscrew and fix together with the cable on the new block, as well as the yellow-green protective cable.

Step 7 — Assembly of the new block 1



- For mounting, the light carrier must be pulled out by loosening the marked screw.
- It is attached with two hooks, you can lift them with a screwdriver.
- The steam valve is actuated by a plastic disc with a cross-shaped cut. To loosen, you have to pull the whole front wall carefully outwards, then you can pull out the entire unit.

Step 8 — Assembly of the new block 2



- Now you can see why all this was necessary: on the back of the carrier is a recess. Inside is loosely the lock nut to the big screw with which the block is attached.
- Thus, first the new block is screwed into the carrier.
- And now go through all the steps again in reverse order!

Repeat the steps in reverse order to reassemble your device.