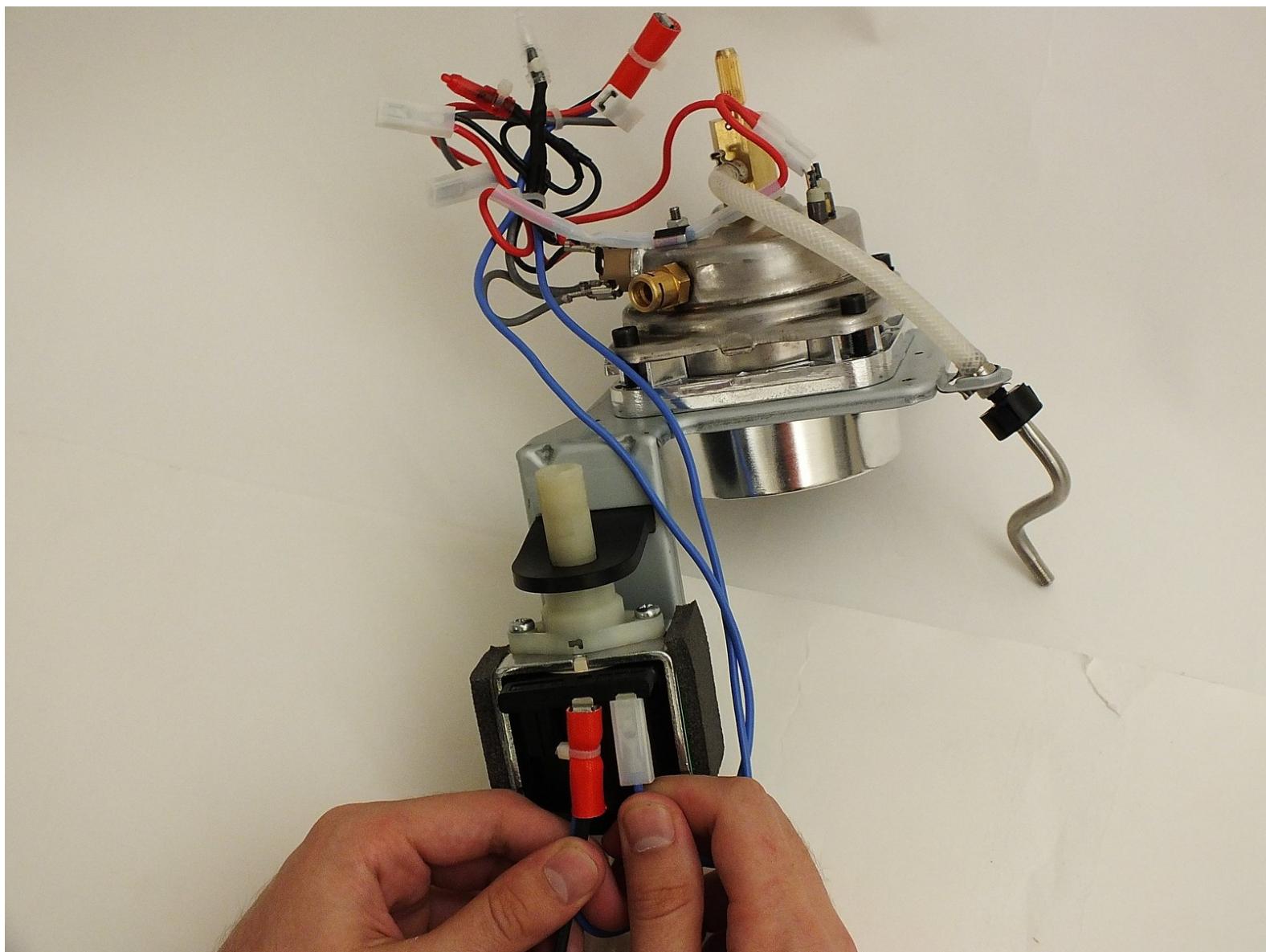




De'Longhi EC155 Power Cord Replacement

Replace the power cord when the machine is not receiving power and not operating.

Written By: David Griffith



INTRODUCTION

Be careful when disassembling the tubes and connections. They may be tightly attached to the machine and may take some effort to remove.

TOOLS:

- [Phillips #2 Screwdriver \(1\)](#)
- [iFixit Opening Tools \(2\)](#)
- [Precision Tweezers Set \(1\)](#)
- [Utility Scissors \(1\)](#)
- [T20 Torx Screwdriver \(1\)](#)

Step 1 — Water Reservoir



- Flip open the top panel to reveal water reservoir.
- Grab the water reservoir by the handle and lift out.

Step 2 — Bottom Panel



- Flip the device on its head.
- Using the Phillips #2 screwdriver, unscrew the four 12 mm screws found at each corner of the bottom panel.
- Lift the panel off or flip the device over and let the panel drop out.

Step 3 — Top Panel



(i) Before flipping the device, removed the black container and grill.

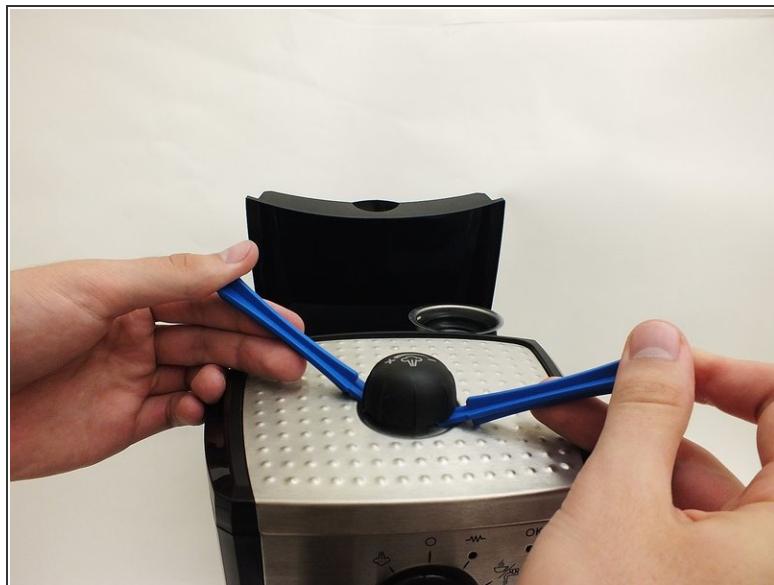
- Flip the device on its head, front end facing you.
- Using the Phillips #2 unscrew the two 52 mm screws found underneath the top portion of the device.

Step 4



- Flip the device back to its proper orientation.
- Using the Phillips #2 screwdriver remove the two 52 mm screws found on the lip next to the reservoir.

Step 5



- Insert the two plastic opening tools beneath the top knob.
- Use the two plastic opening tools as leverage to lift the top knob off.

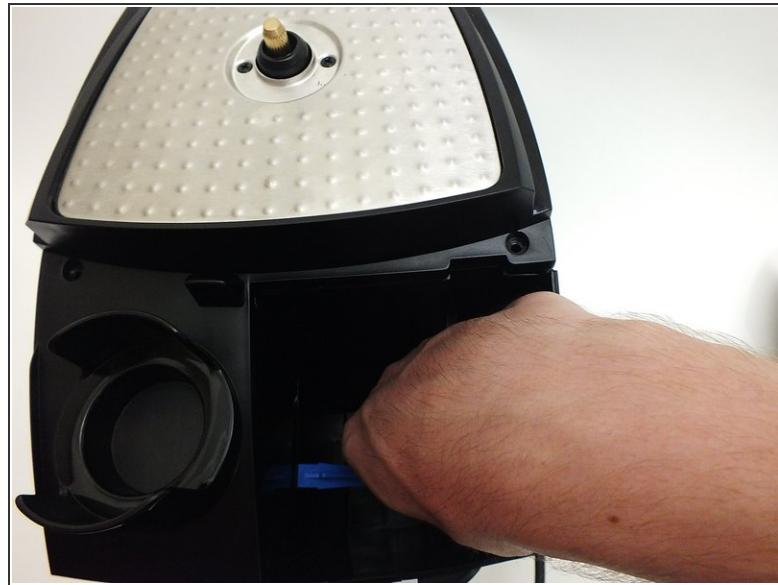
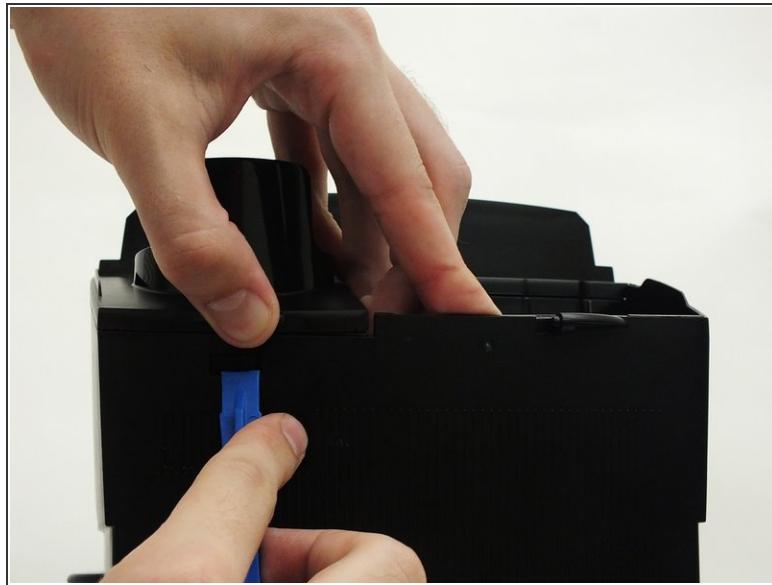
Step 6



- Grasp the lid firmly with both hands.
- Pull mightily with both hands away from the device.

i If you hear a slight snapping sound, it is supposed to do that.

Step 7



- Use a plastic opening tool to push in the slot on the back panel while lifting.
- Similarly, reach into where the reservoir used to be and insert a plastic spudger underneath the inside panel.

 We recommend to not use your fingers for this step because there is a chance they will be pinched.

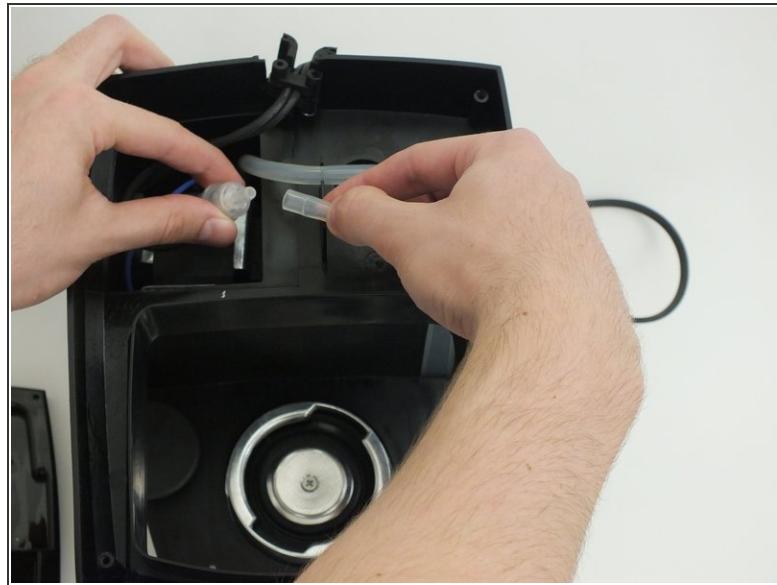
Step 8



- You are now ready to lift the top off.
- Place one hand near the back, the other at the front, and lift.

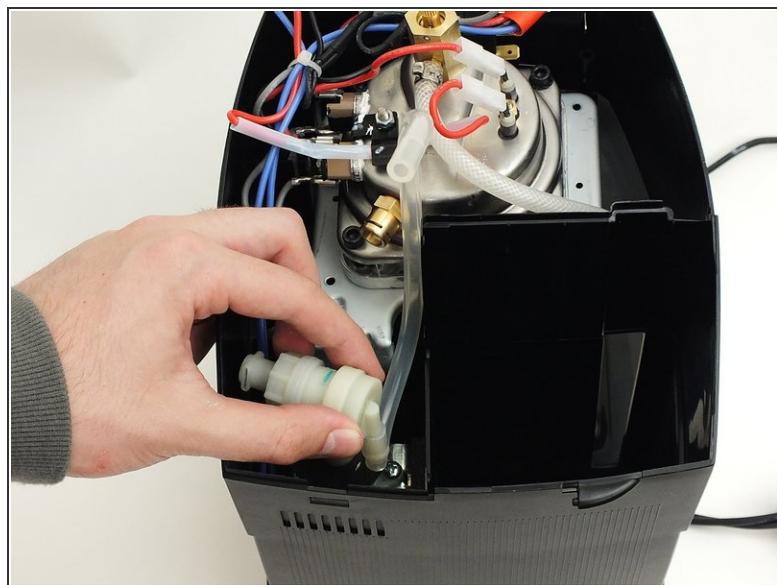
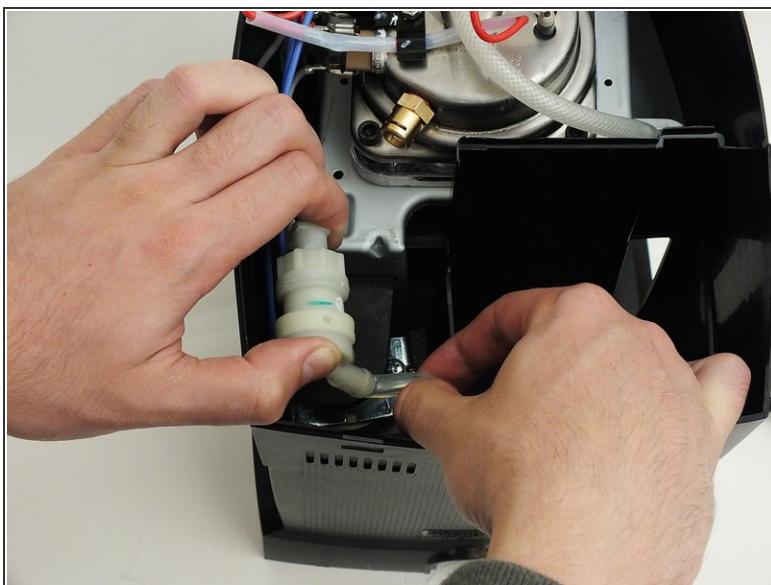
(i) You may want to lift the front and back individually by pulling one a little off the part before the other. Afterwards, lifting the top off entirely will be easier.

Step 9 — Water Valve



- Flip the device and remove one end of the tube from the water reservoir hole.

Step 10



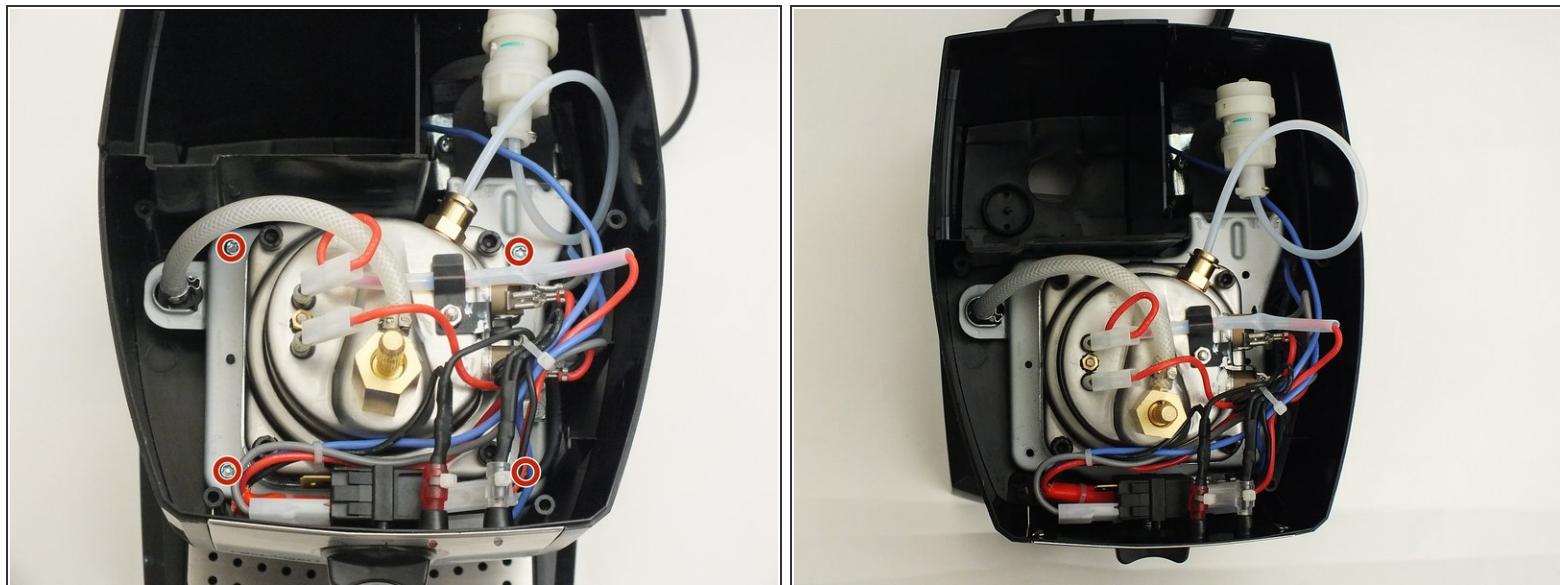
- Pull the tube through the chamber with the water pump so it comes out of the top end.
- Twist the valve counterclockwise while pulling gently.

Step 11 — Core



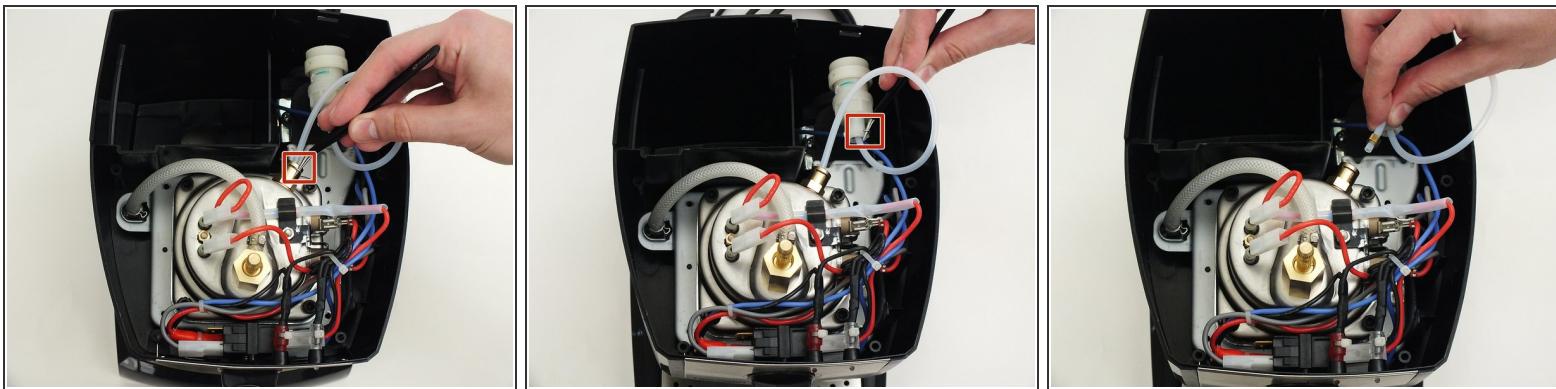
- Twist the frother clockwise while pulling gently.

Step 12



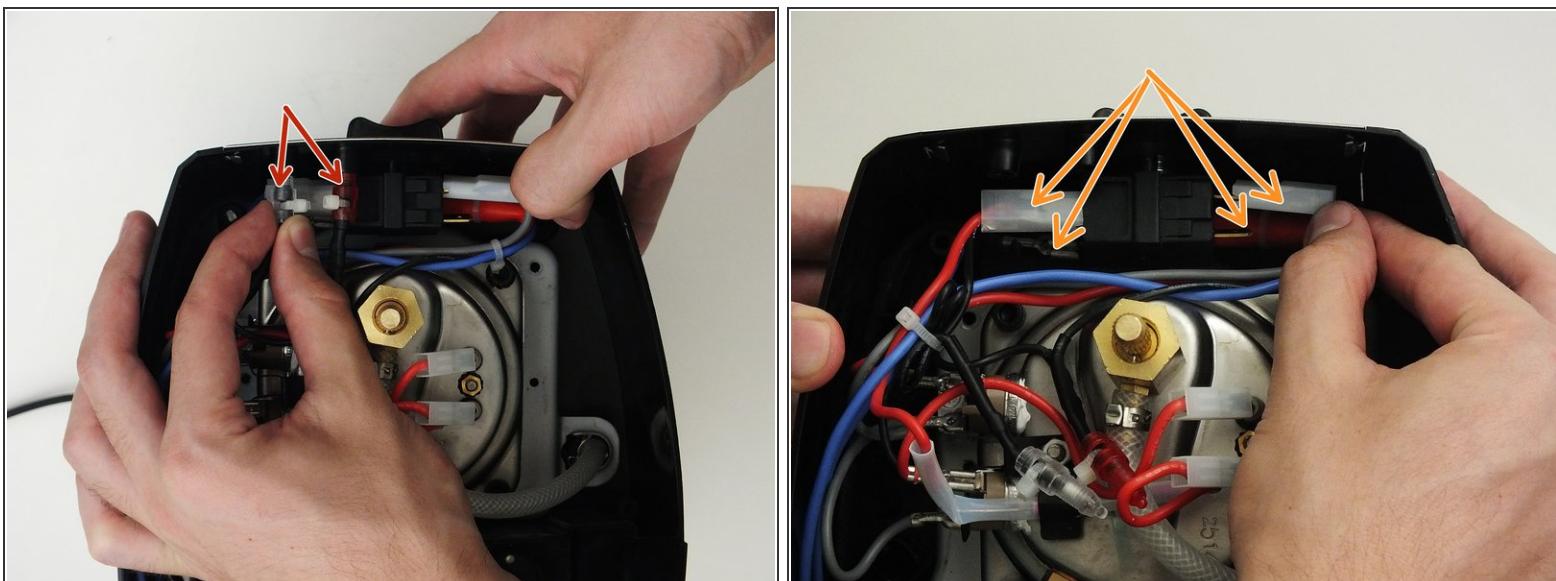
- Remove the four 16mm screws with a T20 Screw head.

Step 13



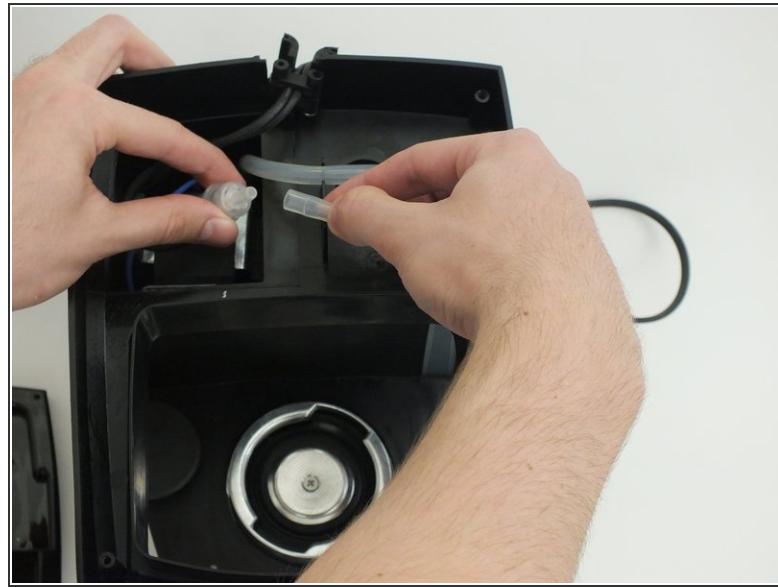
- Remove each clip from the valve and core using the precision angled tweezers.

Step 14



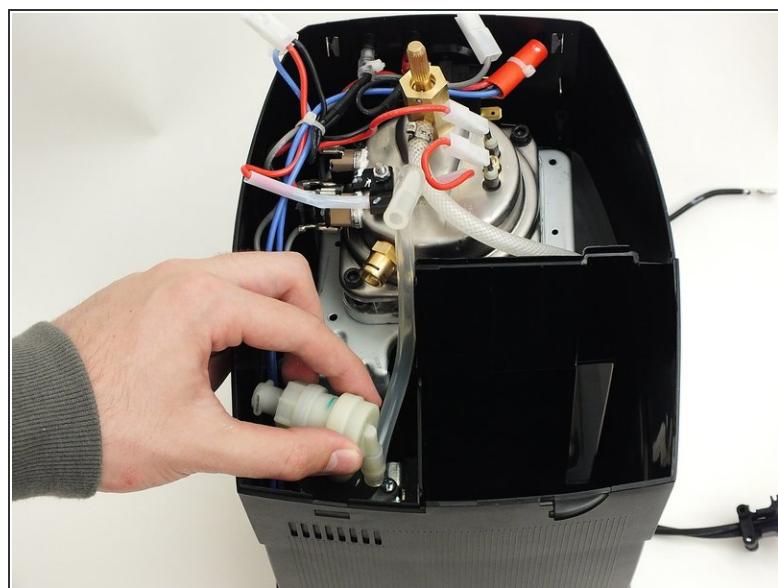
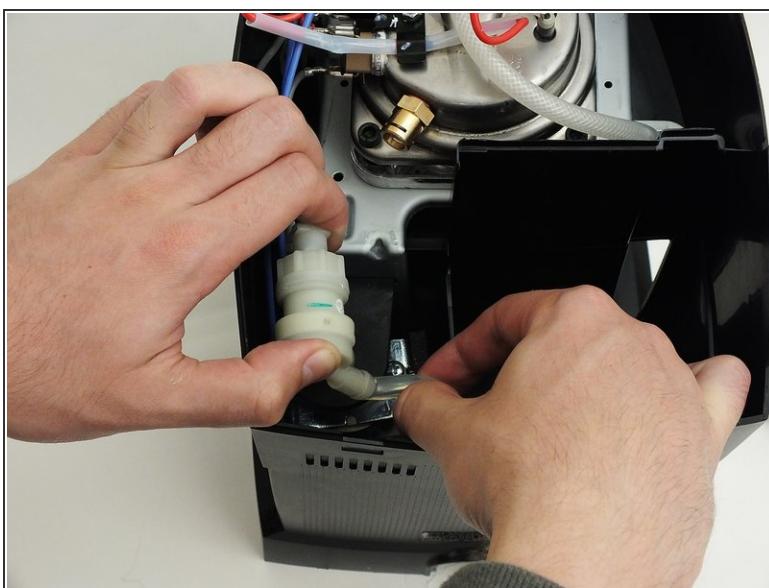
- Pull out each LED with one quick tug.
- Similarly, remove each set of wires from the setting tuner with one quick tug.

Step 15



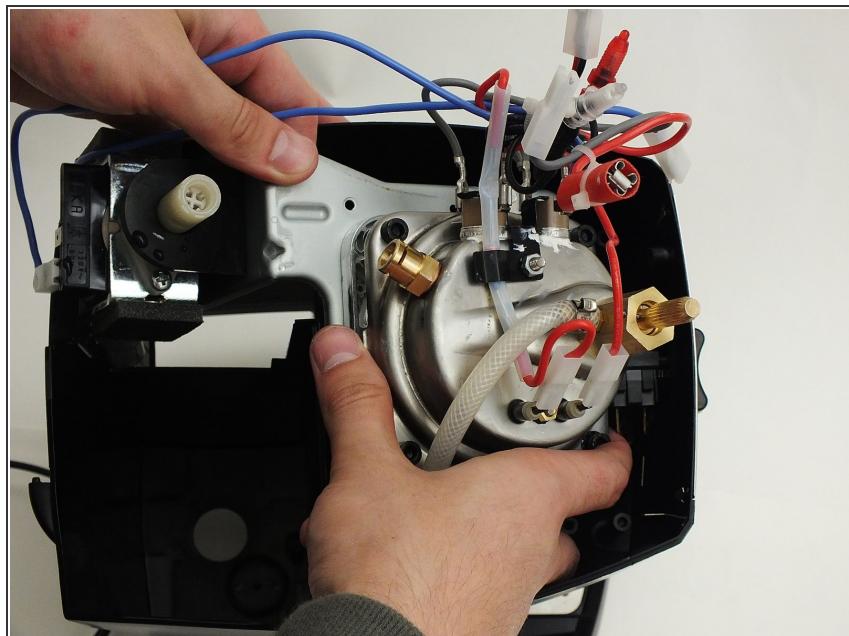
- Flip the device and remove one end of the tube from the reservoir hole.
- Completely remove the other tube from both the reservoir hole and filter to the water pump.

Step 16



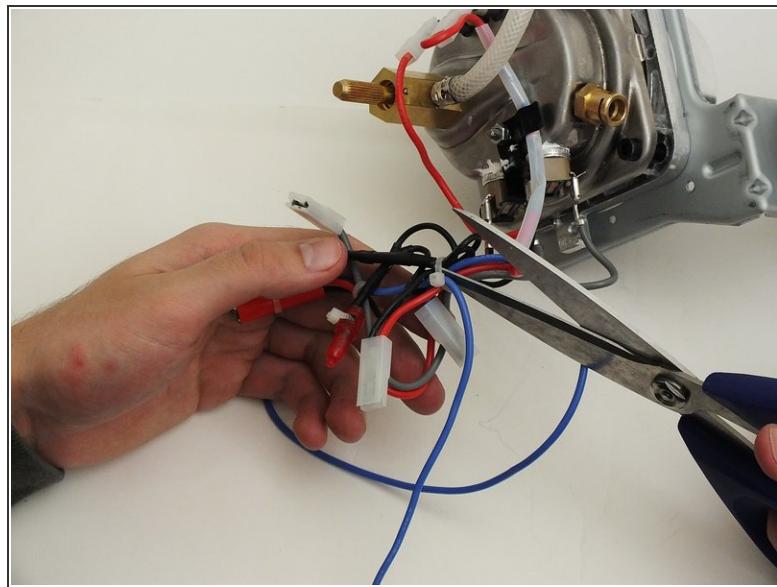
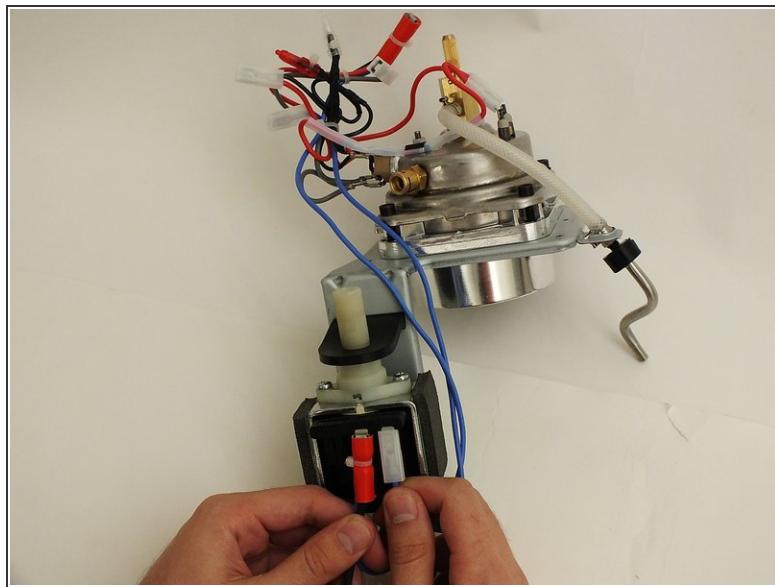
- Pull the tube through the chamber with the water pump so it comes out of the top end.
- Twist the valve counter-clockwise while pulling gently.

Step 17



- Tilt the core towards the front while lifting from the back.
- *i* If the core is proving difficult to remove, a wire might be caught somewhere, likely near the water pump. We recommend shaking slightly as you lift since the frothing tube is at an odd angle.
- *i* We also recommend that you remove the valve before removing the core so that there is less obstructing movement. But the core can be removed without removing the valve.

Step 18 — Power Cord



- Remove both sets of wires from the black box of the water pump.
- Cut off the zip-tie holding all the wires together.
- Isolate the blue wires from the rest and remove from core as necessary.

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