Keurig K10 MINI PLUS Brew Button Replacement

A guide to replace the Brew Button on the Keurig K10 Mini Plus.

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This document was generated on 2020-11-28 07:08:49 AM (MST).

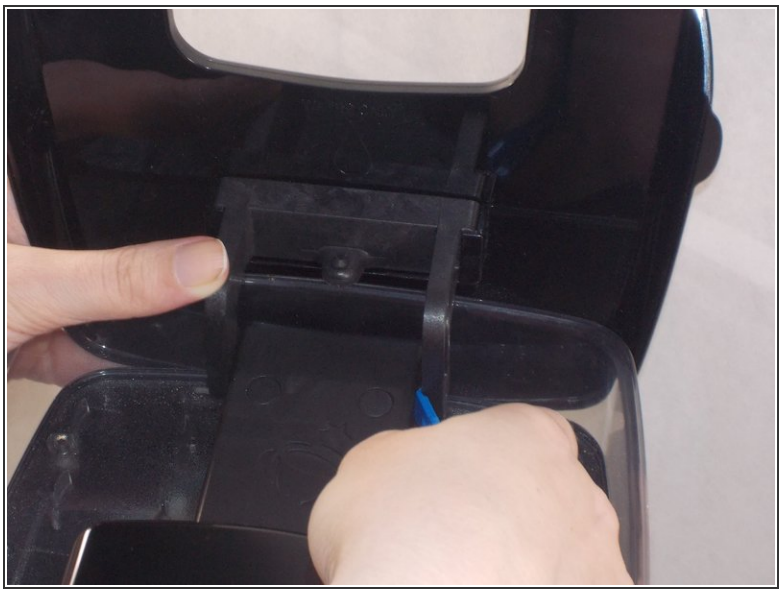
INTRODUCTION

This is a lengthy replacement that requires being able to comfortably work around wires, but not necessarily to replace them. This guide is for someone with moderate experience in repairs.

TOOLS:

- Metal Spudger (1)
- iFixit Opening Tools (1)
- Phillips #1 Screwdriver (1)
- Phillips #2 Screwdriver (1)

Step 1 — Cold Water Reserve Lid

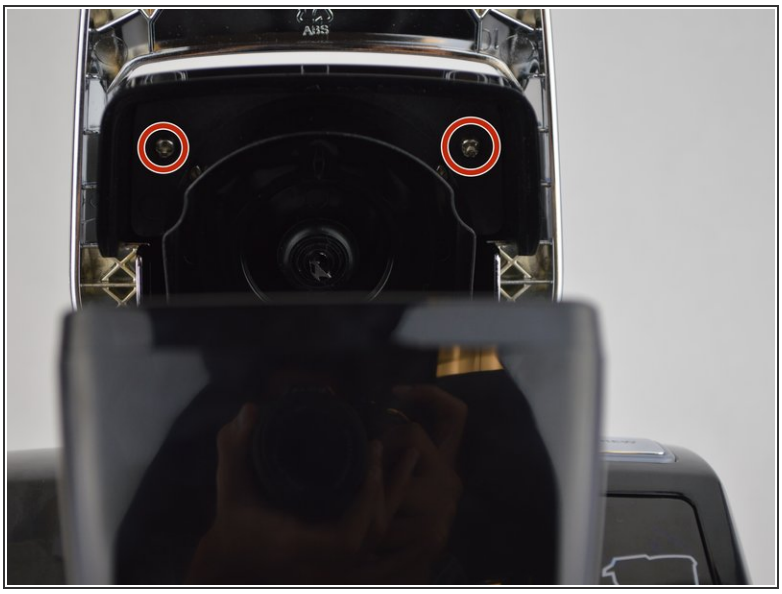


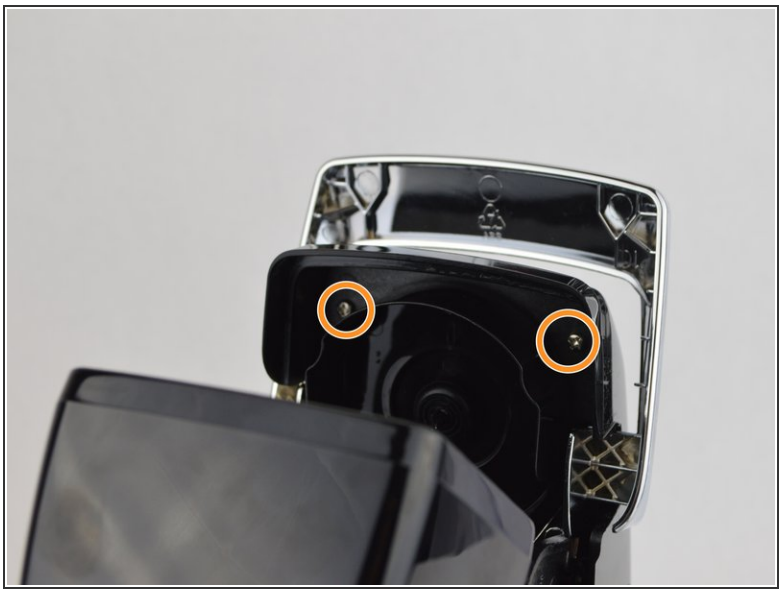
- Lift the cold water reserve lid up to reveal its hinge.
- Using either the metal spudger or the opening tool, gently pry the plastic out of the metal axle.

Step 2

- Repeat the last step on the other hinge, making sure to keep a firm grasp on the lid as it comes off to avoid dropping it.

Step 3 — Top Needle



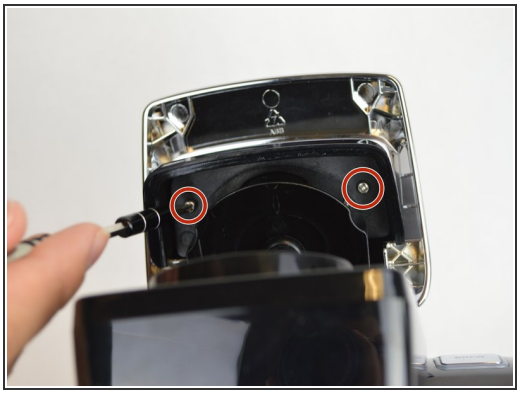


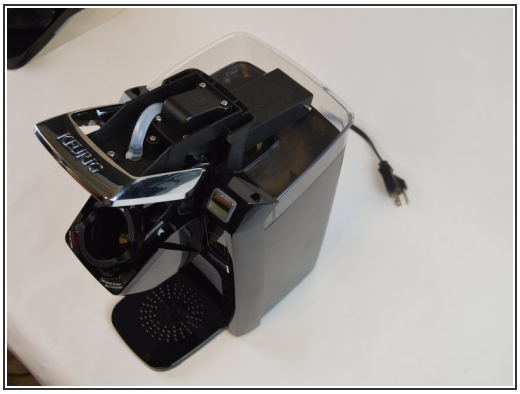
- Remove two 9 mm Phillips #1 screws.

⚠ Avoid the top needle if at all possible. The needle may cut you and/or penetrate your skin.

- The screws are located on the top of where the K-Cup would be.

Step 4





- Once you remove the screws, the top cover should come out.
- You will then want to remove these screws which are the same size.

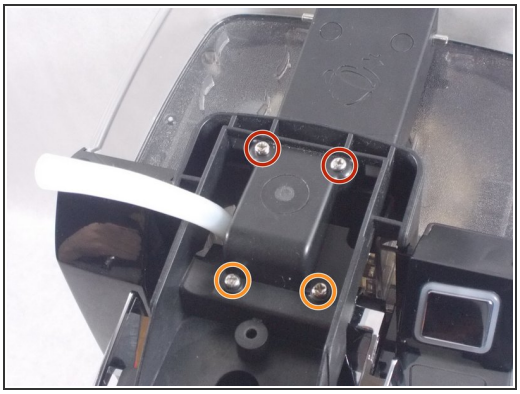
⚠ The needle is sharp, so be careful.

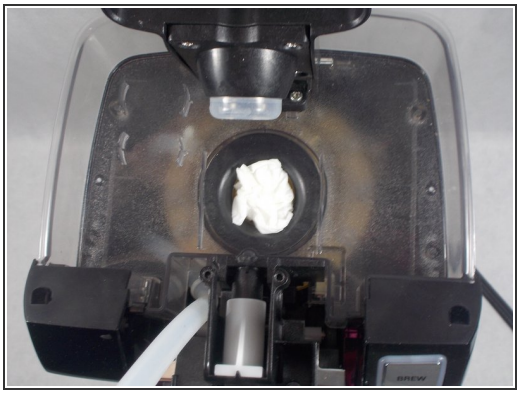
Step 5

- Once you get those removed, you are going to want to pull on the hose until it pops off.
- Once the hose comes off, the needle will fall out by itself.

⚠ Be careful when picking up the needle as the needle is sharp.

Step 6 — Cold Water Reserve Arm

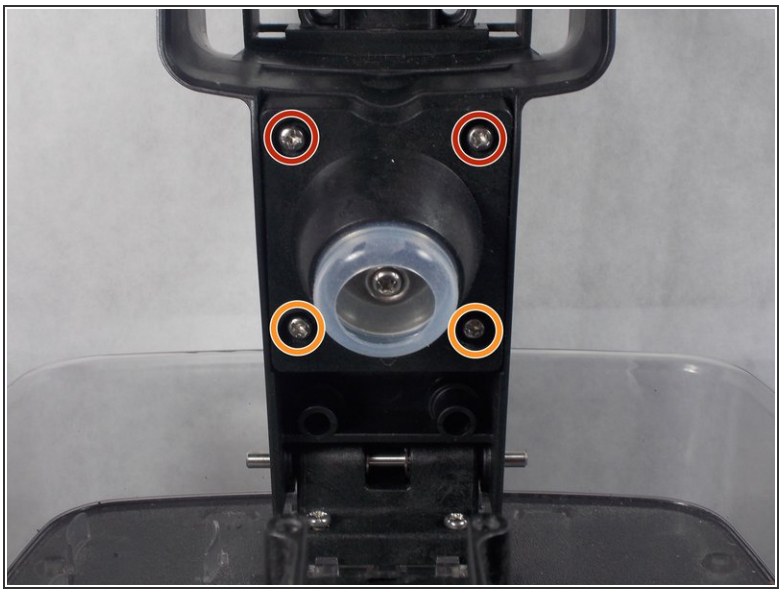




- Remove two 14 mm Phillips #2 screws.
- Remove two 12 mm Phillips #2 screws.
- Lift the arm off the assembly. This will reveal the tank hole as shown.

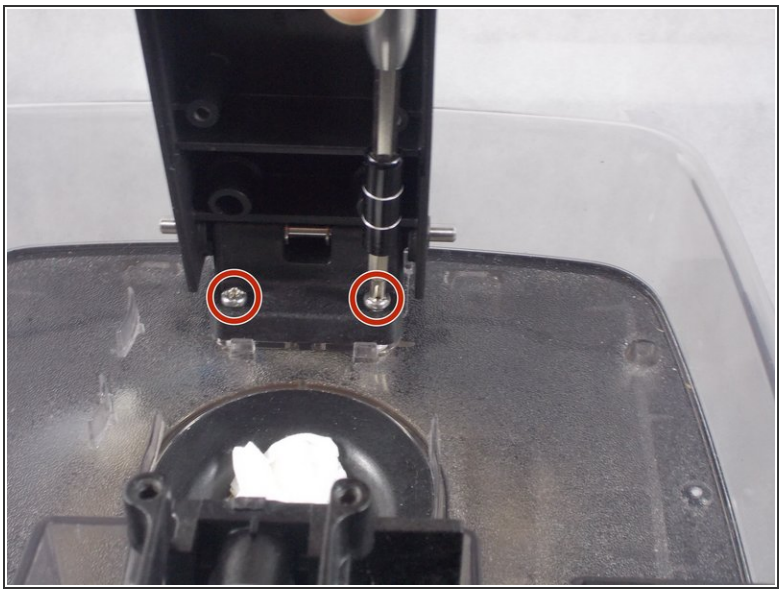
⚠ It is recommended that you clog the tank hole with a napkin or something similar in order to prevent small parts from falling into the heating element.

Step 7



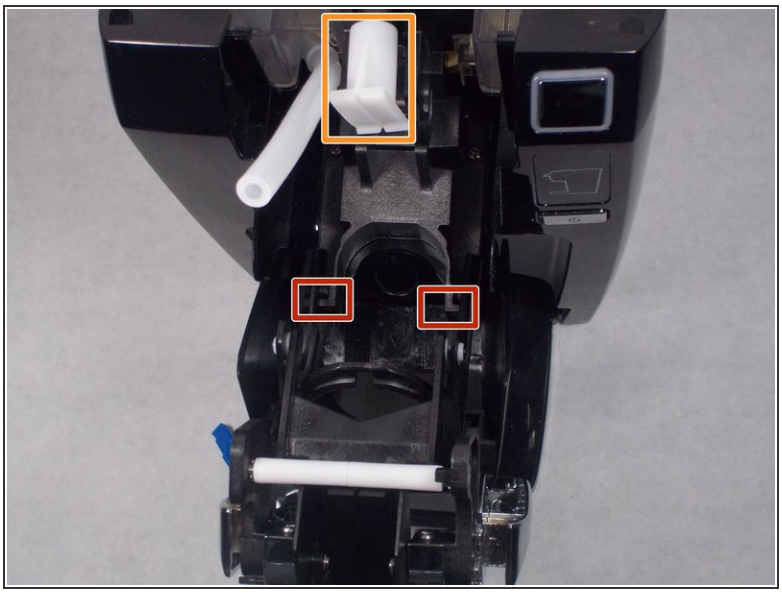
- Remove two 9.7 mm Phillips #2 screws.
- Remove two 11.5 mm Phillips #2 screws.
- Remove the cold water reserve arm's plug from the arm itself in order to allow access to the base screws.

Step 8



- Remove two 18 mm Phillips #2 screws.
- Finally, detach the arm from the cold water reserve basin.

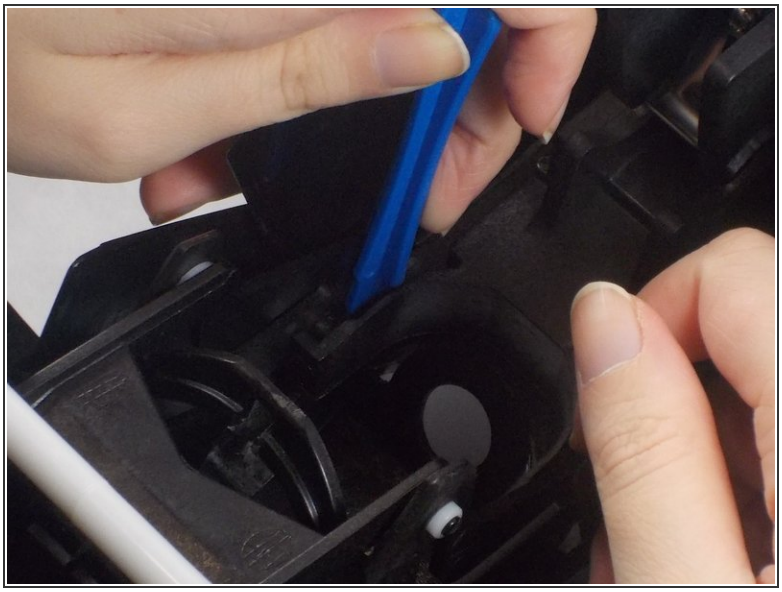
Step 9 — Dispenser Head

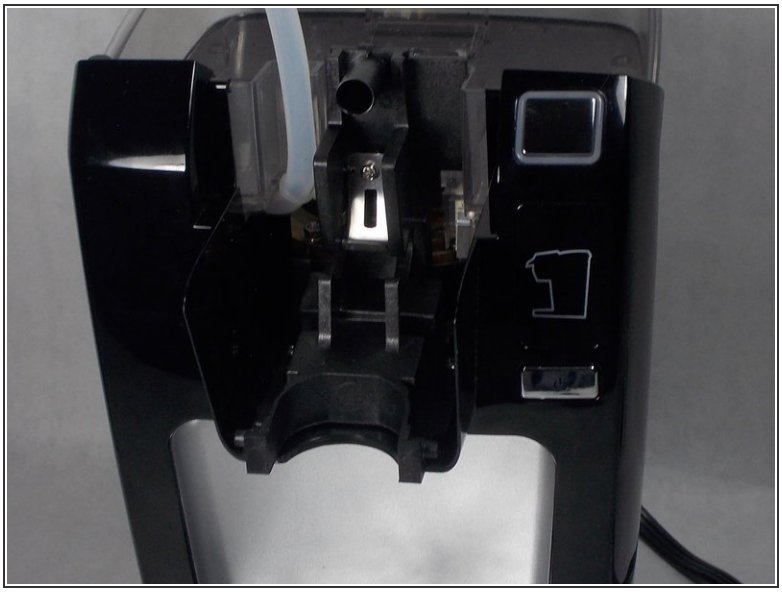


- Pull the head assembly forward to reveal the two plastic axle points that keep the head assembly attached to the base.

⚠ There is a spring concealed by a white piece as shown.

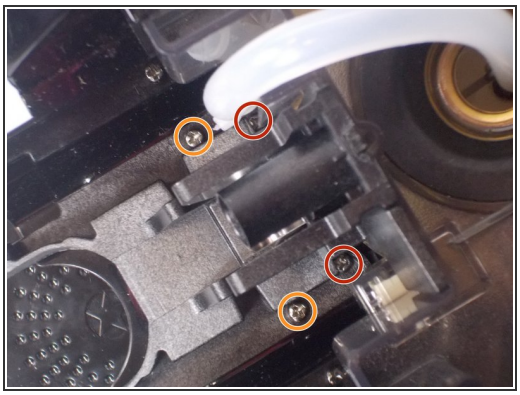
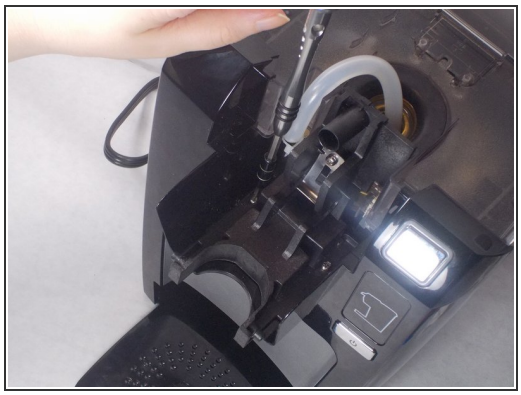
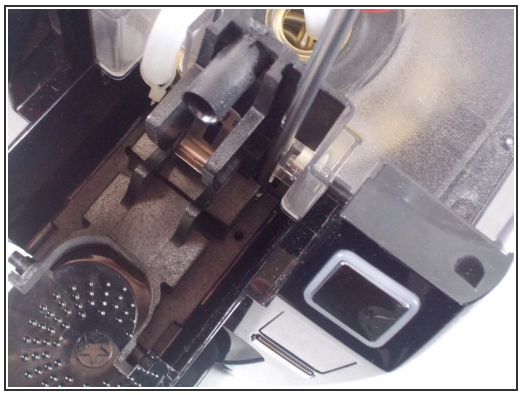
Step 10





- Using the iFixit Opening Tool, gently pry apart the plastic head assembly piece from both the body's axles and its left to remove it.

Step 11 — Brew Button

- Remove two 14 mm Phillips #2 screws.
- Remove two 12 mm Phillips #2 screws.

Screws circled in red may be hard to reach and will require a screw driver with a neck width of 5mm or less.

Step 12

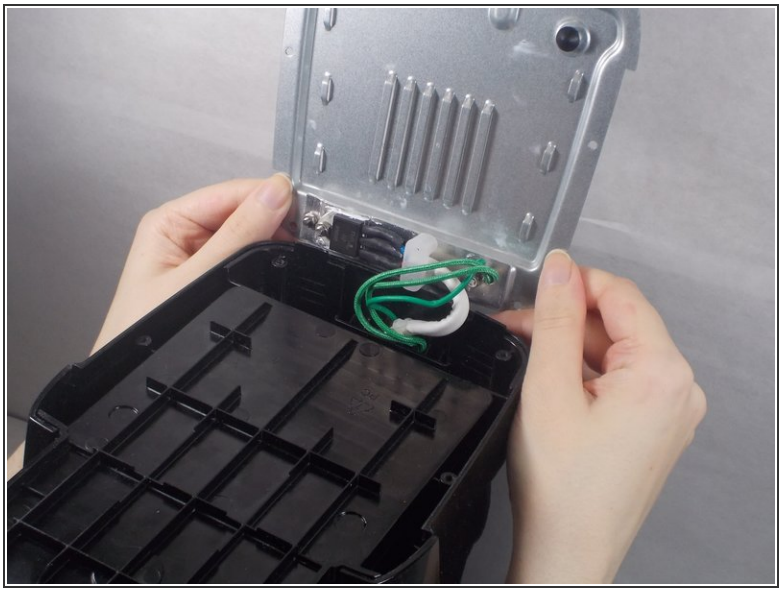


- Detach the seat by giving it a firm tug up.

Step 13

- Flip over the device.
- Remove four 11.5 mm Phillips #2 screws.

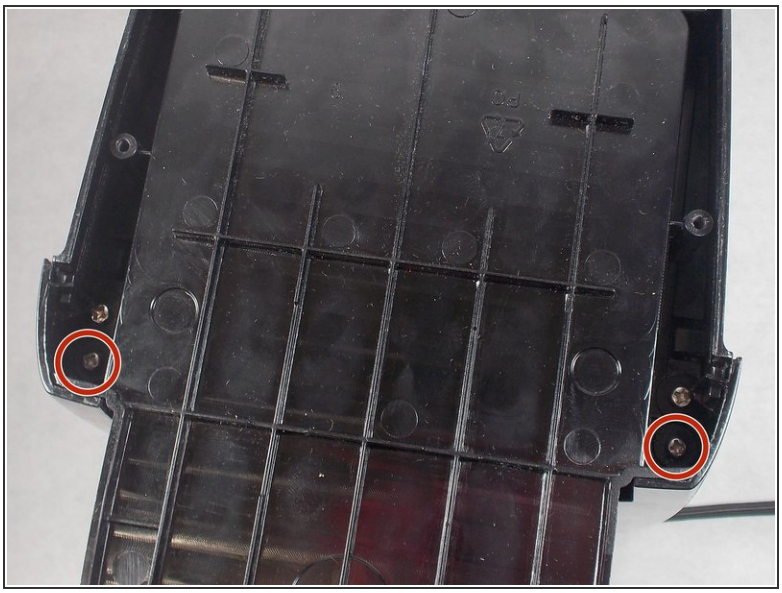
Step 14

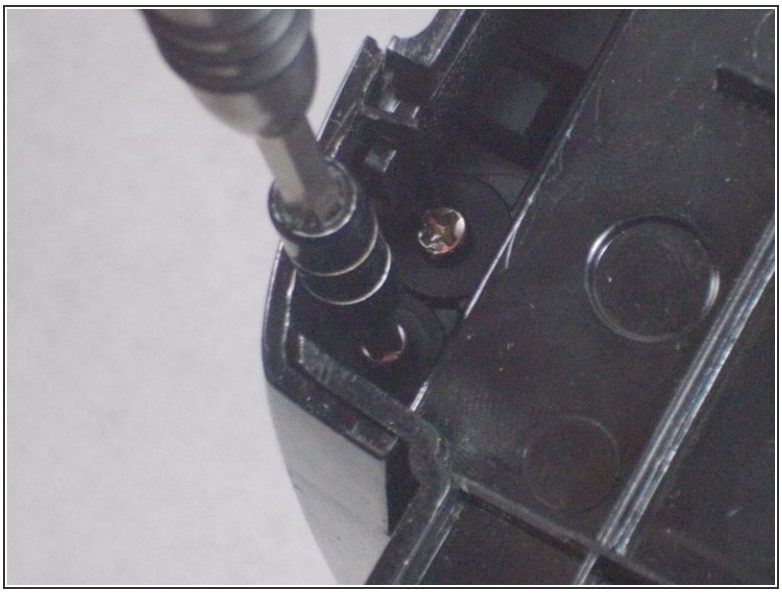


- Reposition the metal lid while keeping the heat sink attached in order to reach the screws underneath.

⚠ It is recommended that you leave the heat sink aside as it contains thermal paste.

Step 15

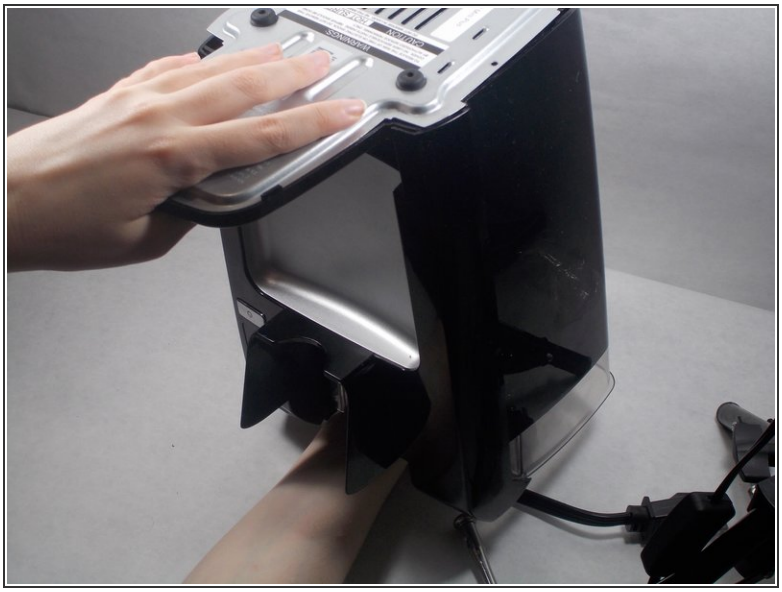




- Remove two 11.5 mm Phillips #2 screws.

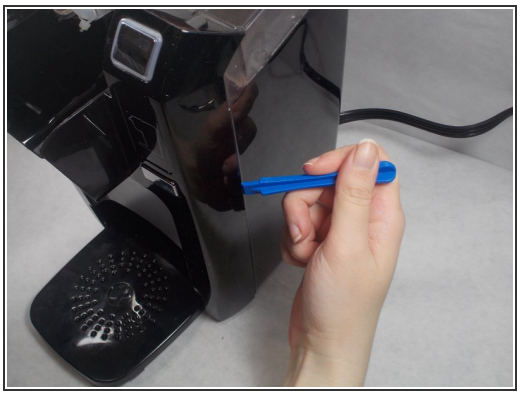
Be careful not to confuse these two screws for the ones behind them.

Step 16



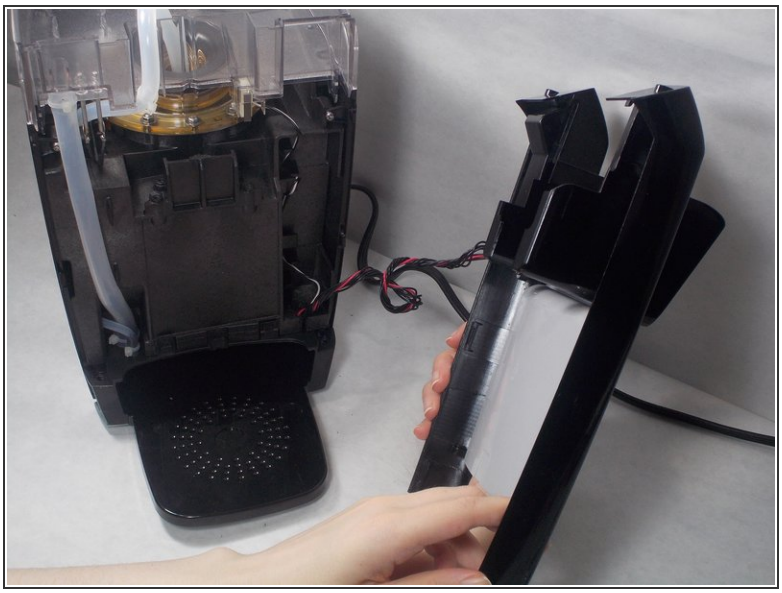
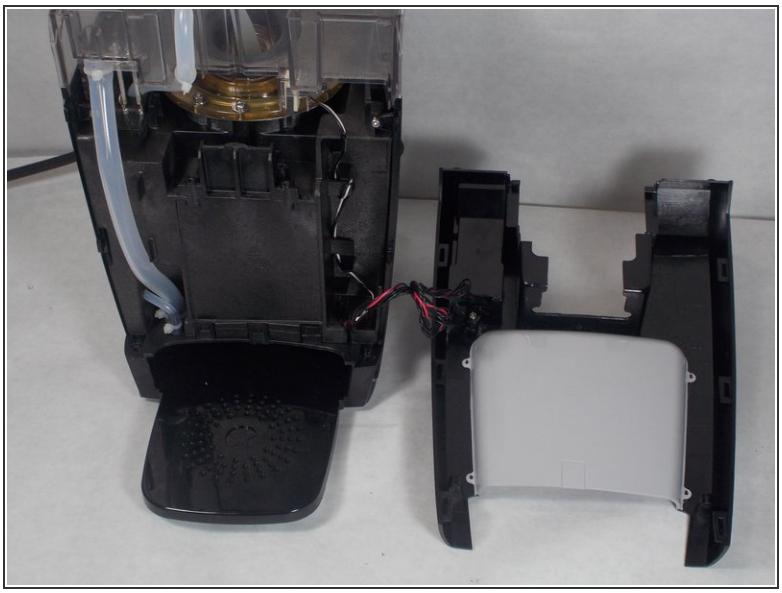
- Turn the device right side up again.

Step 17



- Begin to pry open the front plate using the iFixit Opening Tool as shown.
- Pry upwards in order to take the cover off.

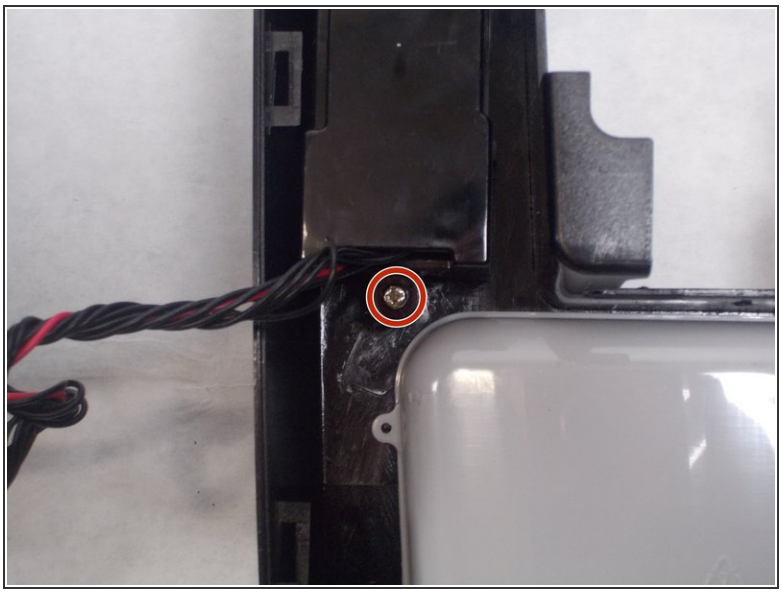
Step 18

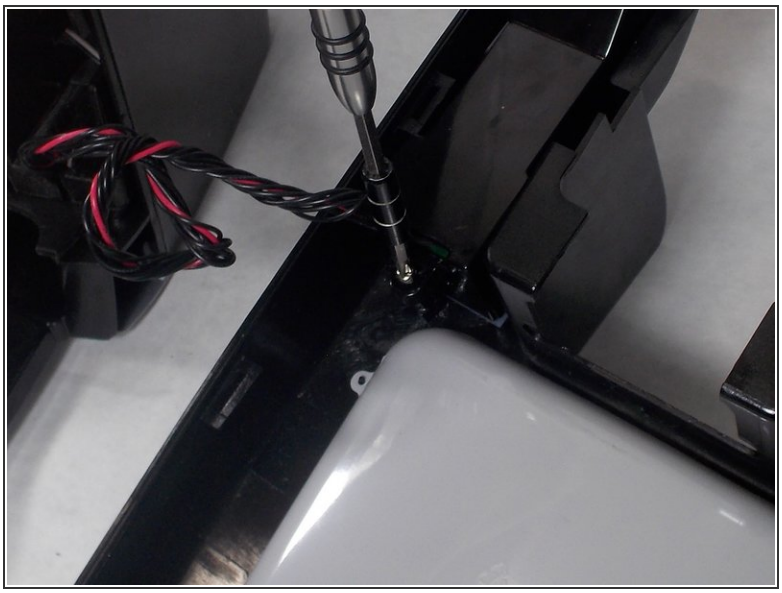



- Remove the front plate.

⚠ Be careful of the wires here.

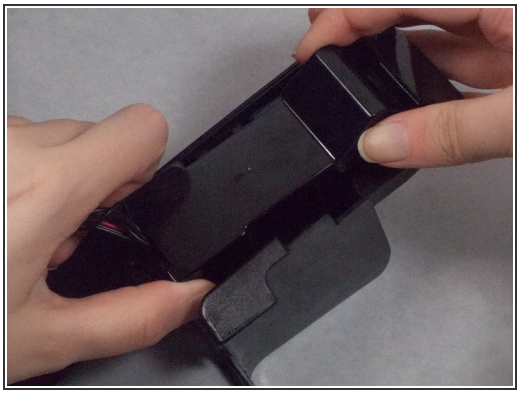
Step 19

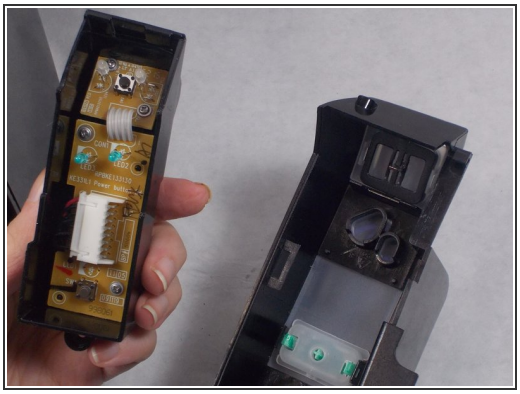


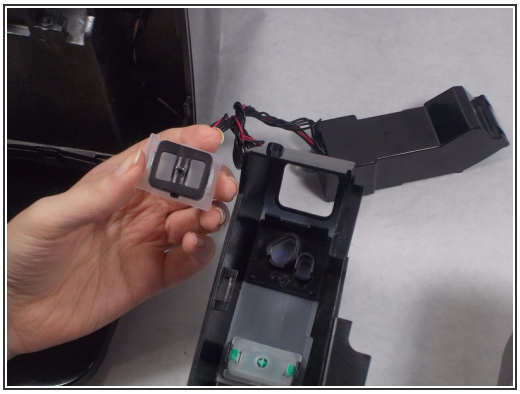


- Remove one 9.7 mm Phillips #2 screws.

Step 20







- Remove the button housing to access the buttons.
- The brew buttons can be easily popped out of place by pushing inwards from the front of the unit.

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

