



Cuisinart CHW-12 Heating Coil Replacement

How to replace the heating coil in a Cuisinart CHW-12 that will no longer heat coffee or water.

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INTRODUCTION

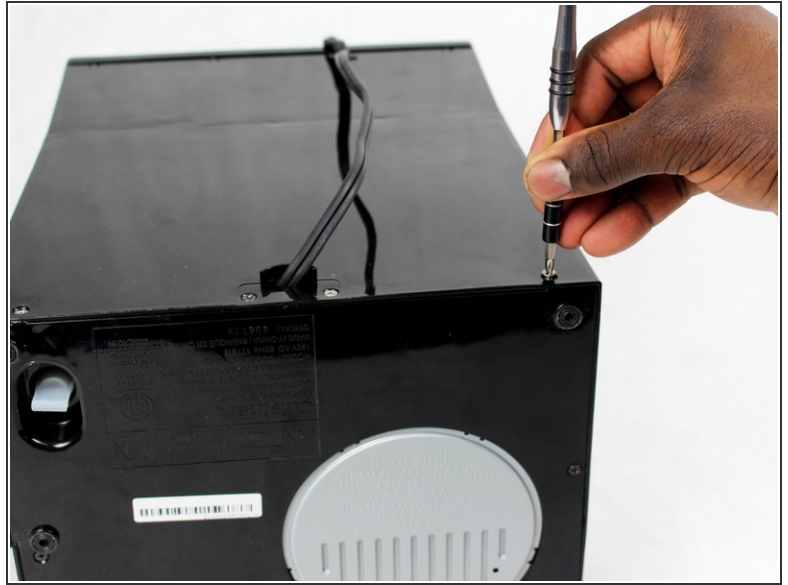
If you have cold coffee everyday chances are your heating coil has gone bad. There is a small chance that a wire has been broken off the heating coil which could cause the same result. Either way you will have to take the heating coil out of the coffee maker to make repairs or replace it all together. To successfully complete this guide you will need to know how to solder.



TOOLS:

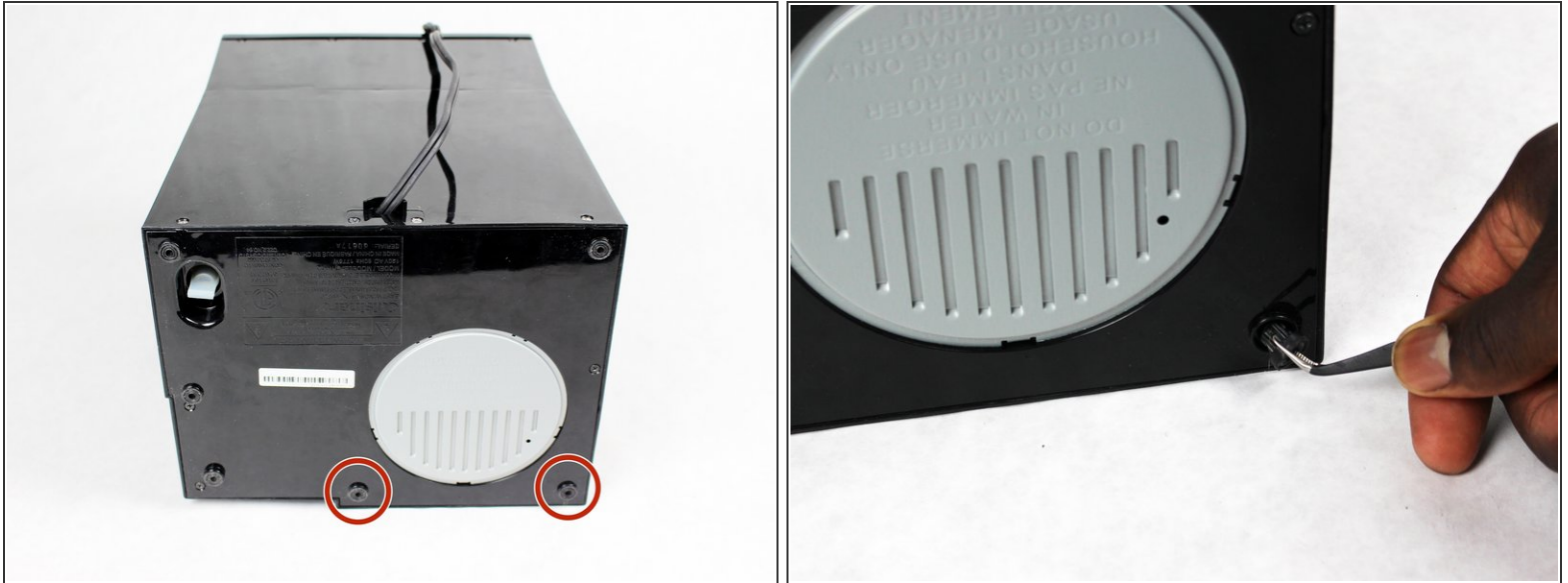
- [Phillips #1 Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [Soldering Iron](#) (1)
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Step 1 — Heating Coil



- Unplug the coffee-maker from the power source.
- Use a Phillips head screwdriver to remove the four 7mm screws from the back and the three 8mm screws from the bottom. This will release the bottom cover.

Step 2



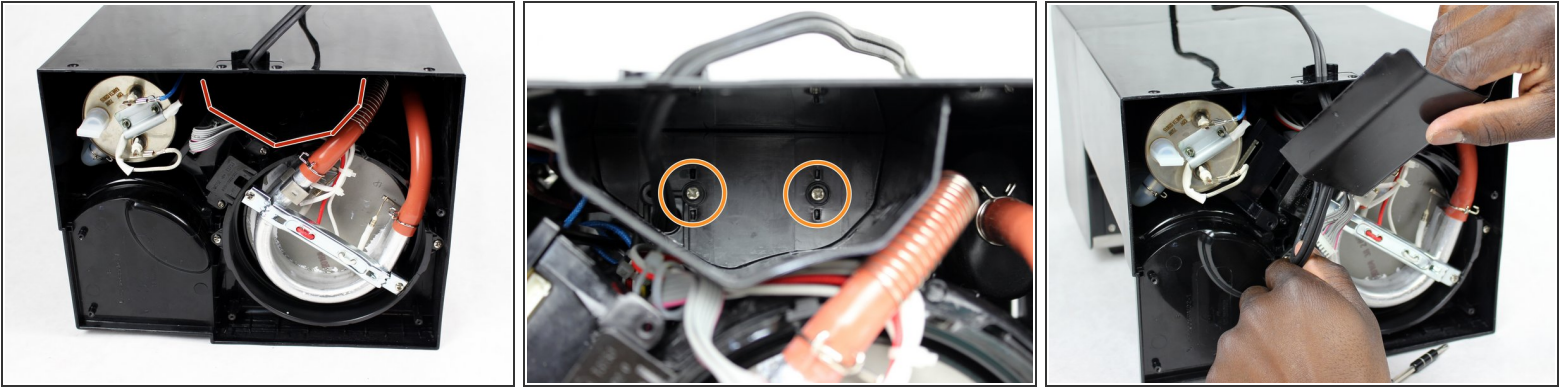
- Use tweezers to remove the two rubber feet marked within the provided pictures.
- Remove both 8mm Phillips head screws found within the holes where the feet were just removed.

Step 3



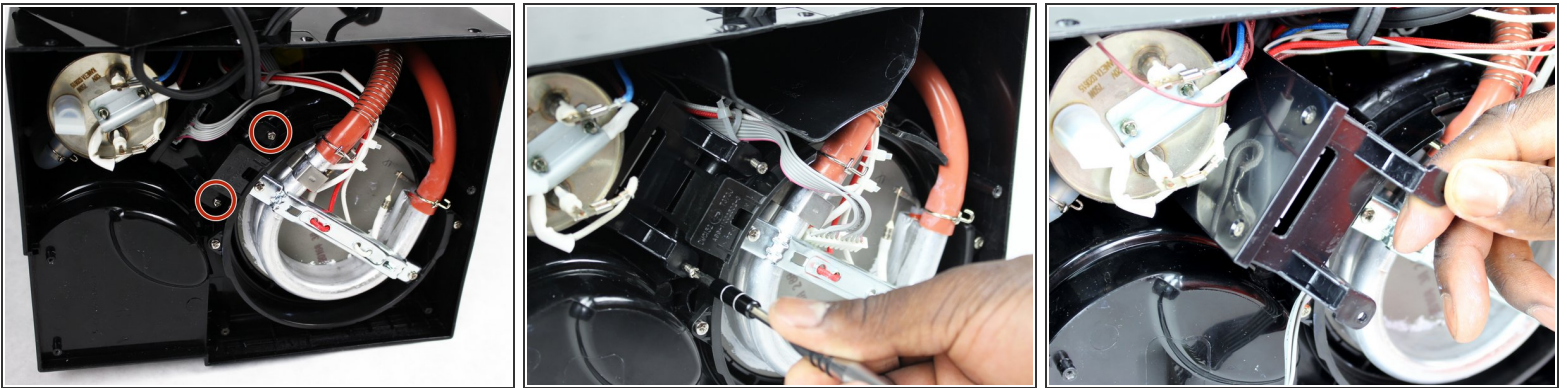
- Carefully pull the cover off the bottom of the coffee maker. This will give you access to the inside of the coffee maker.
- Pull the gray ribbon cable strait out of the black containment box.

Step 4



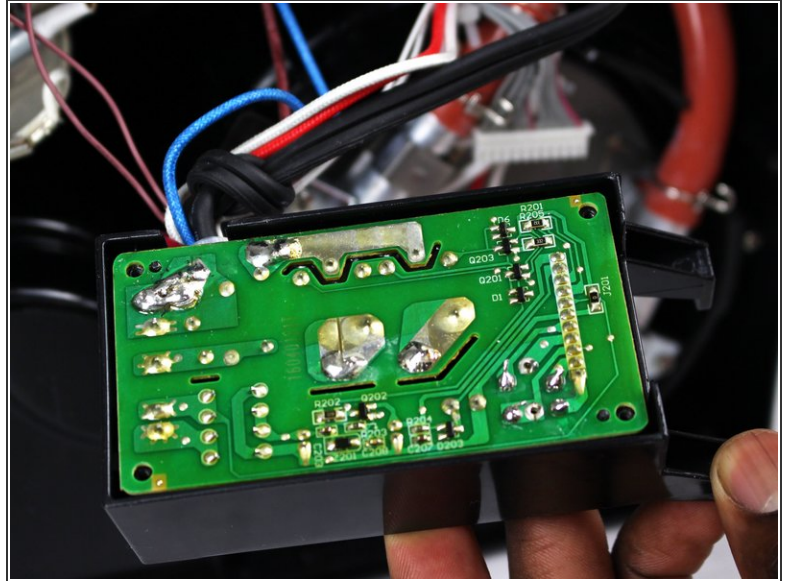
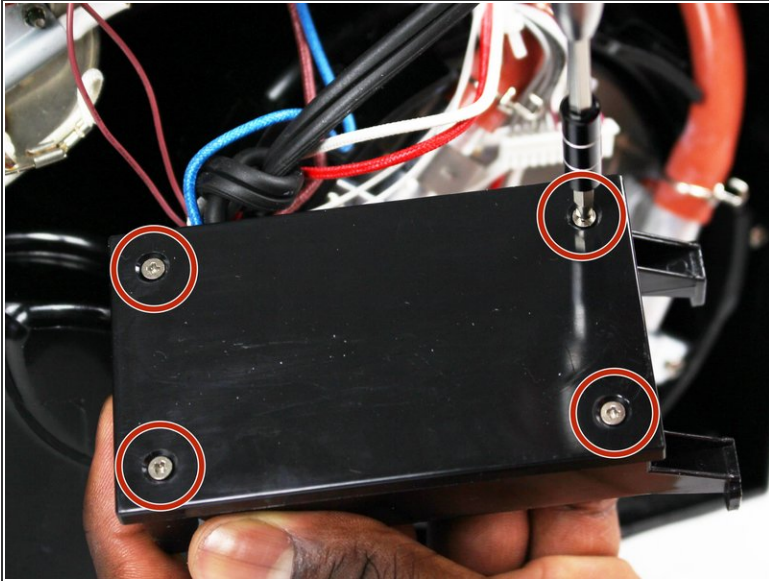
- Locate the Phillips head screws holding the highlighted plastic shield in place.
- Remove the two 14mm screws with a Phillips head screwdriver.
- Carefully slide the shield out of place along the power cord and set it aside.

Step 5



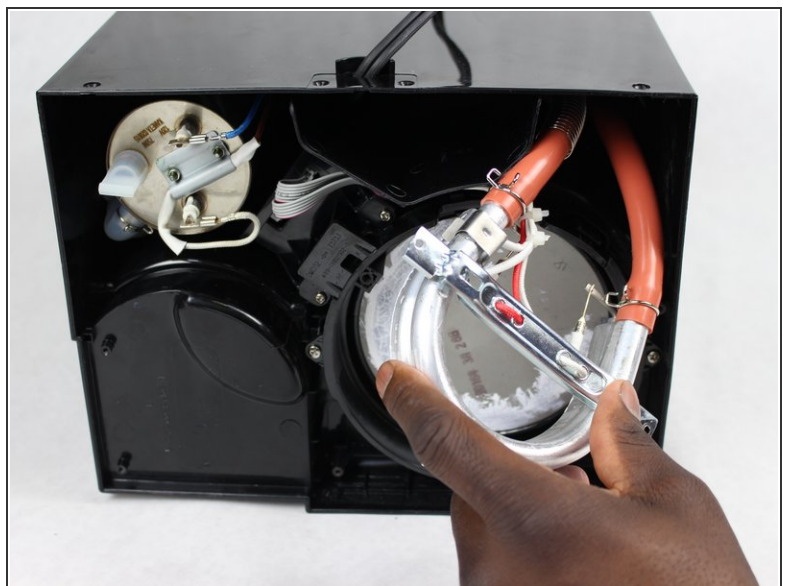
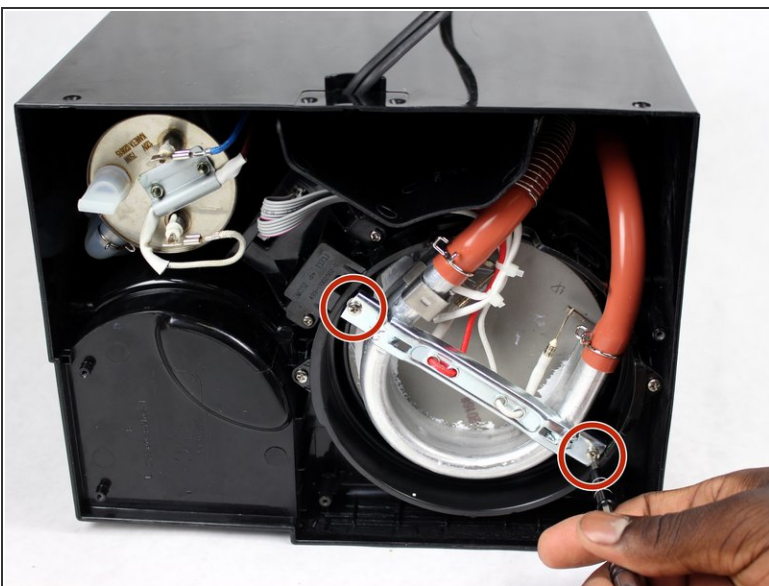
- Remove the two 14mm Phillips head screws securing the plastic containment box.
- Pull the plastic containment box straight out of the coffee maker.

Step 6



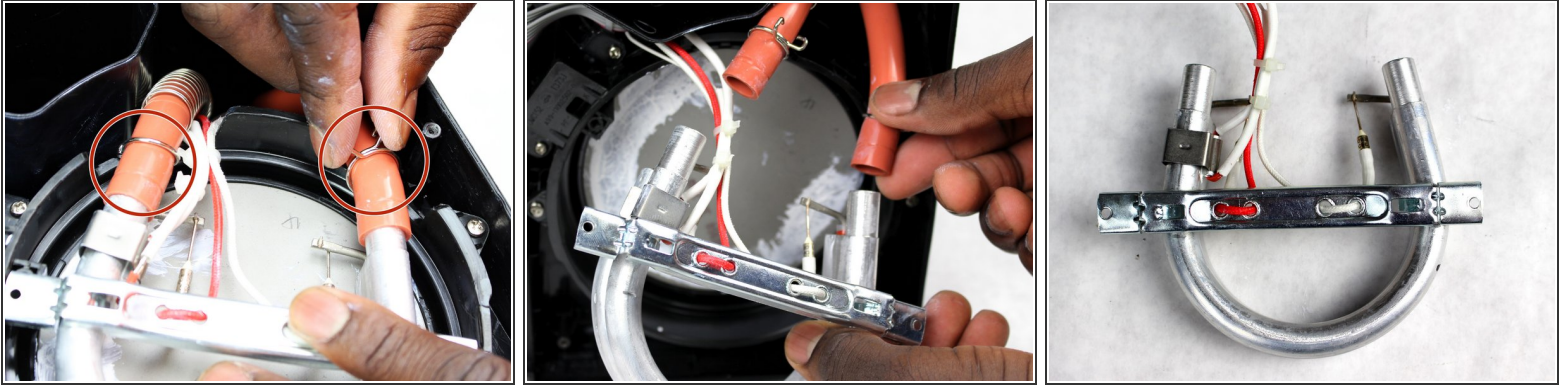
- Remove the four 11mm Phillips head screws in each corner of the plastic containment box.
- Pull the top from the plastic housing.
- Lift the circuit board out of the plastic housing and set it aside until a latter step.

Step 7



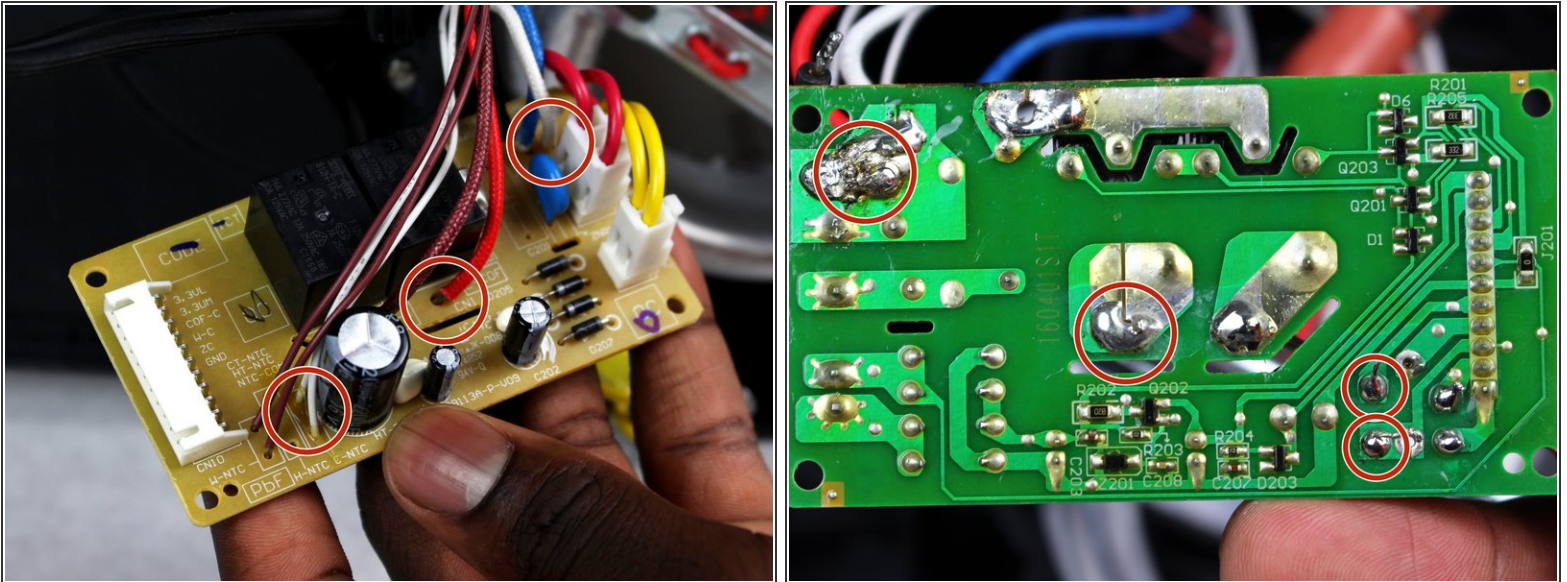
- Remove the two 14mm Phillips head screws that hold the heating coil in place.

Step 8



- Pull back each hose clamp so that it no longer holds the hose on the heating coil.
- After the clamps are released pull both hoses off the ends of the heating coil.
- Set the coil aside.

Step 9



- De-solder each of the four wires connecting the coil to the circuit board.



Solder iron can cause burns if used improperly.

- When soldering the new wires in place make sure they are placed in the same holes the corresponding wires were taken out of.

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