# Capresso PerfecTea 260 Dial Replacement

This guide will show you how to replace the dial on the base of Capresso PerfecTea.

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## INTRODUCTION

If you have a broken or loose dial, then this guide can help you replace it.

## TOOLS:

- Metal Spudger (1)
- Phillips #1 Screwdriver (1)
- Phillips #2 Screwdriver (1)



## Step 1 — Motherboard

- First, take the base of the device and flip it over.

## Step 2

- Remove the four 12 mm Phillips #2 screws surrounding the base then lift the bottom half of the base to expose the circuit boards inside the device.

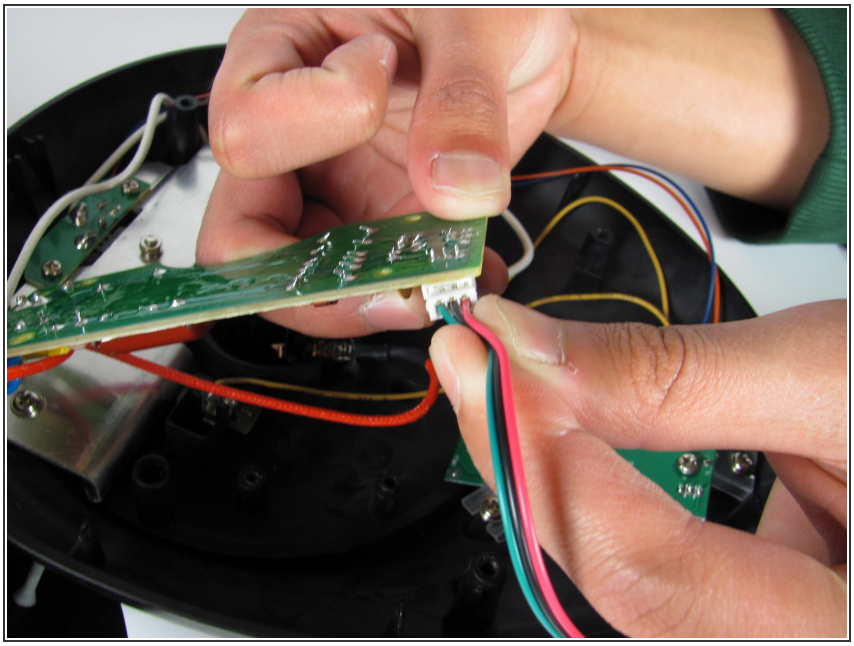


## Step 3

- Remove the two 7.5 mm Phillips #2 screws holding in the motherboard

## Step 4

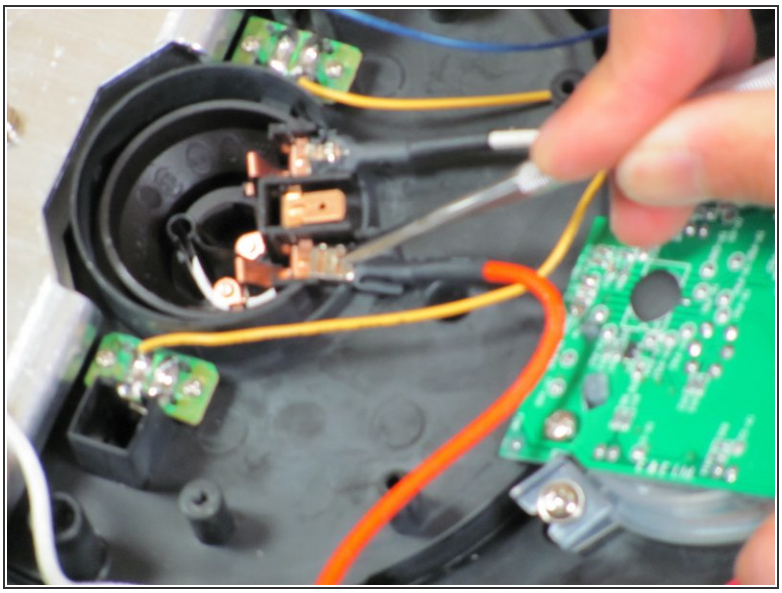


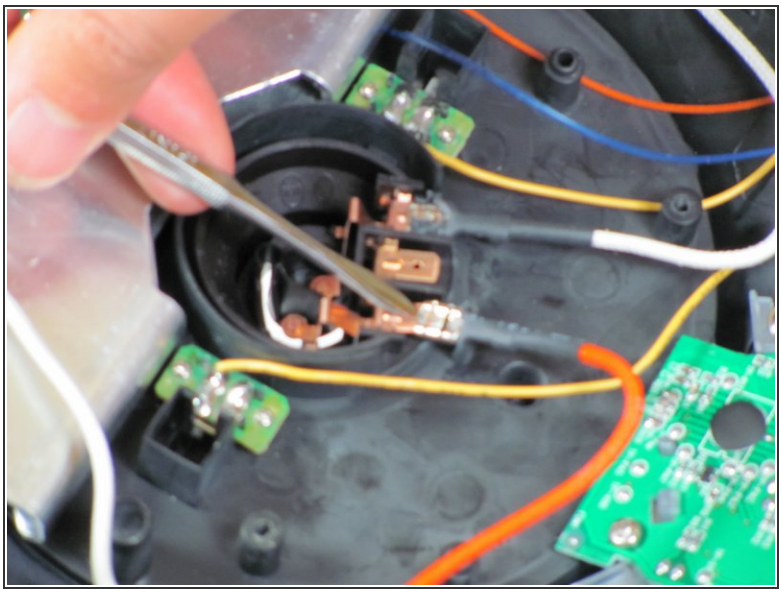
- Unplug the wire going into the side of the motherboard



## Step 5





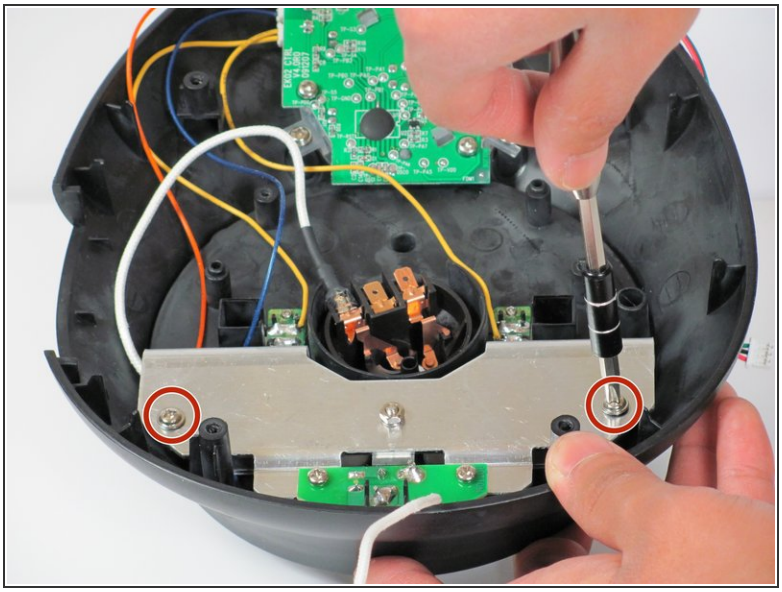
- Use the metal spudger to cut open the rubber covering the latch where it clamps onto the copper tab.
- Unplug wire at heating element by first using the metal spudger to push the latch in and then pushing it out.

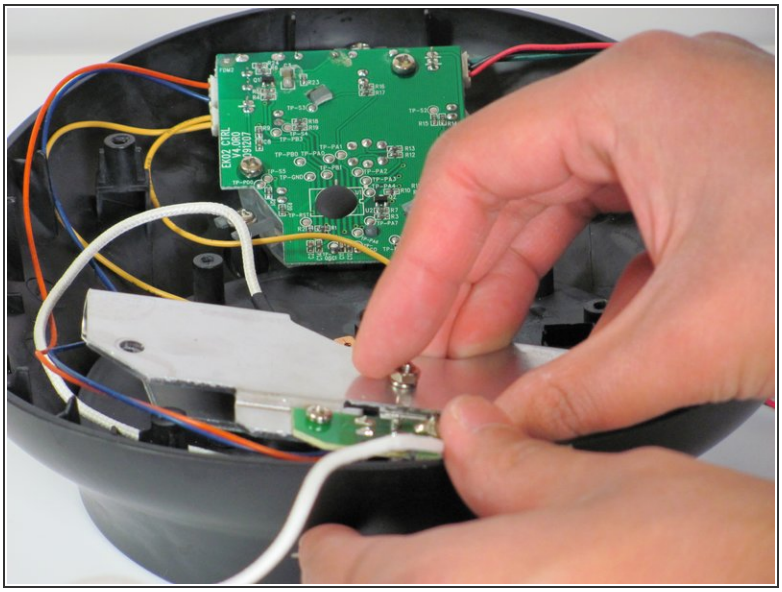
⚠ Be careful when unplugging the wire as if it is done too forcefully it can damage the connection and make it difficult to connect a new motherboard

## Step 6

- Lift the motherboard out of the device

## Step 7 — Control System



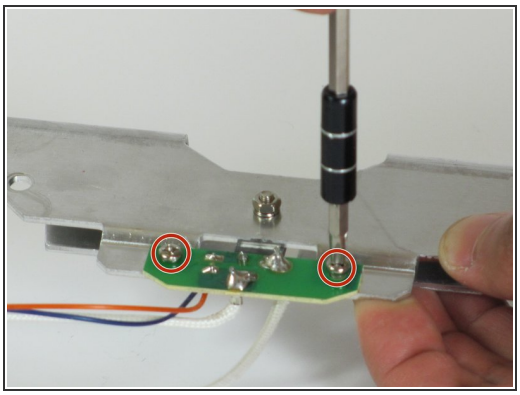
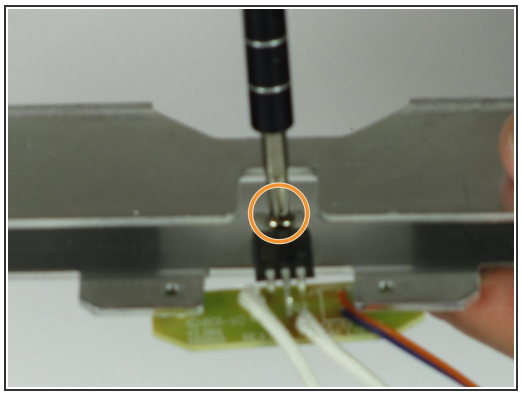
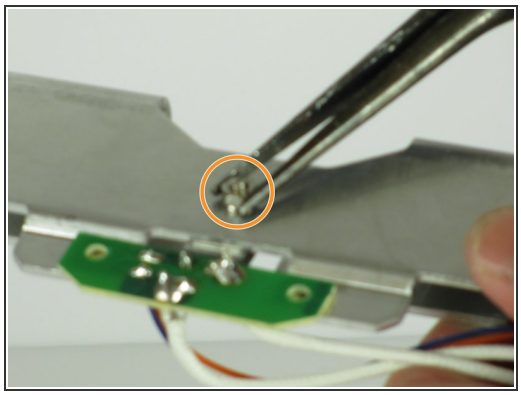


- Remove the two 7.5mm Phillips #2 screws from the metal frame.
- Remove the frame from the assembly.



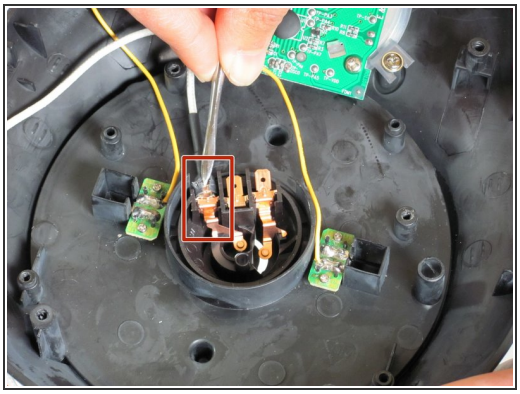
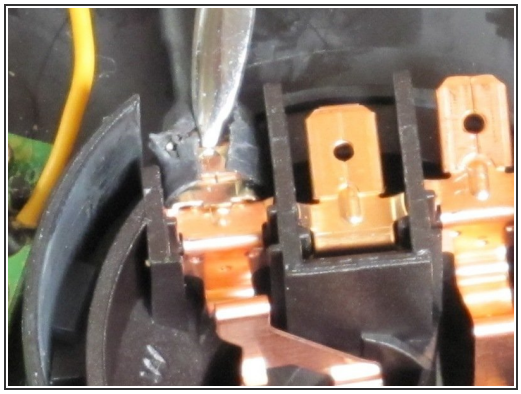
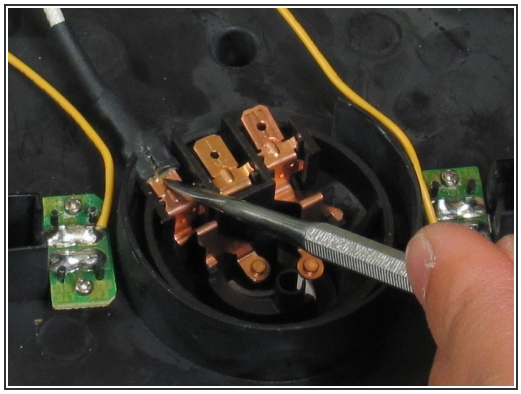
 

## Step 8

- Remove the two 6mm fine thread Phillips #2 screws attaching the small computer chip to the metal frame.
- Flip over and remove the 7.5 mm fine thread Phillips #2 screw from the back while holding the 5mm nut on the front securely.

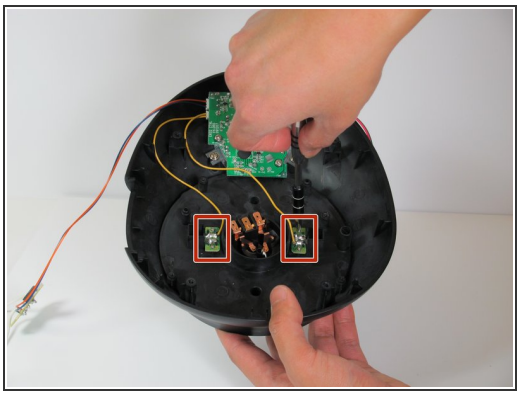
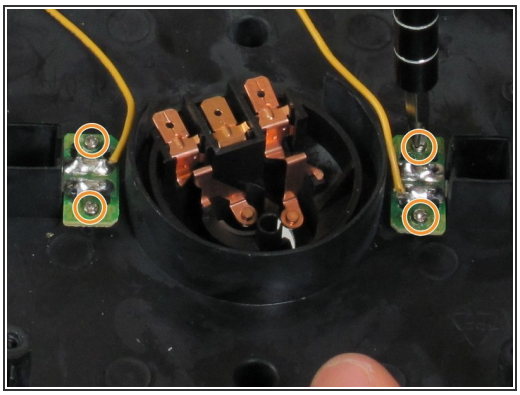
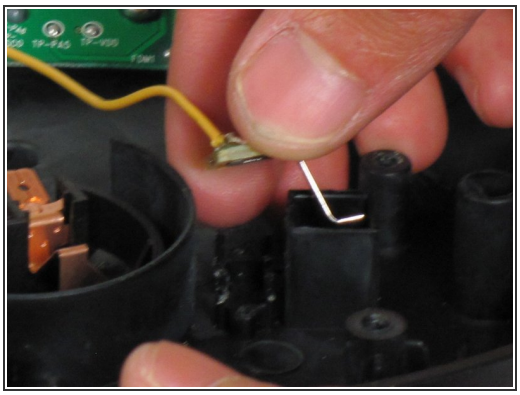
## Step 9

- Find the cable that attaches the small computer chip to the heating element connections.
- Use the spudger to cut open the rubber coating on the latch where it clamps onto the copper tab.
  - Insert the metal spudger into the rectangular hole on the latch and push toward the tab (away from the wire) to unbend the tab.
- Push the latch off the tab with the spudger.

⚠ The tab will come loose suddenly. Make sure that you apply force in a controlled manner to avoid injuring yourself or damaging the other components.

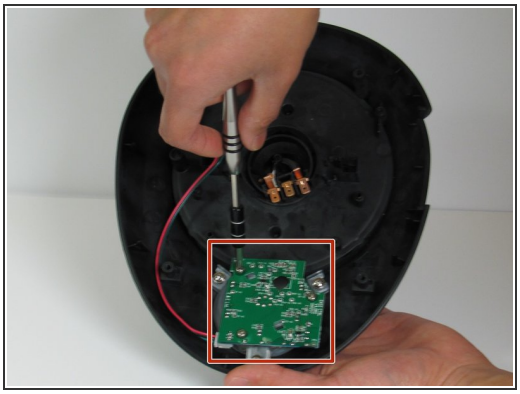
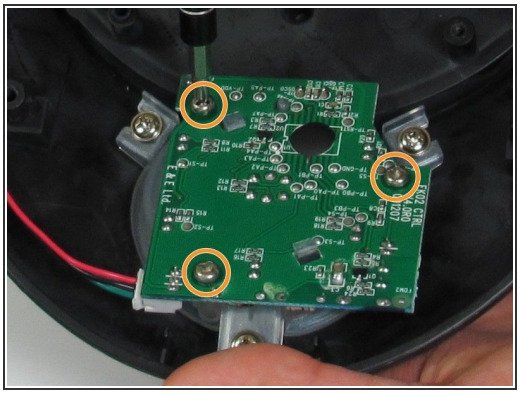
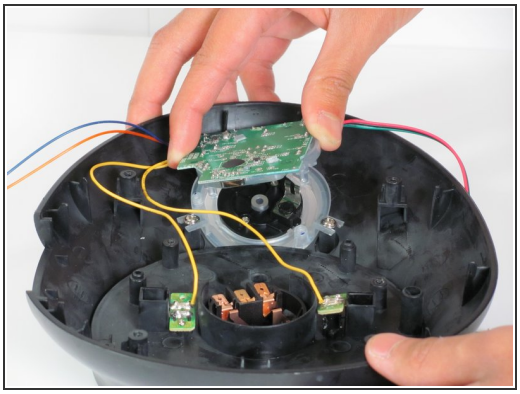
## Step 10

- Identify the two computer chips that connect the two yellow wires to the temperature controls.
- Remove the four 5 mm Phillips #1 screws.
- Remove the two computer chips from their places.

The two computer chips are held in place by plastic interference pins. Wiggle the board free of these pins to remove.

## Step 11

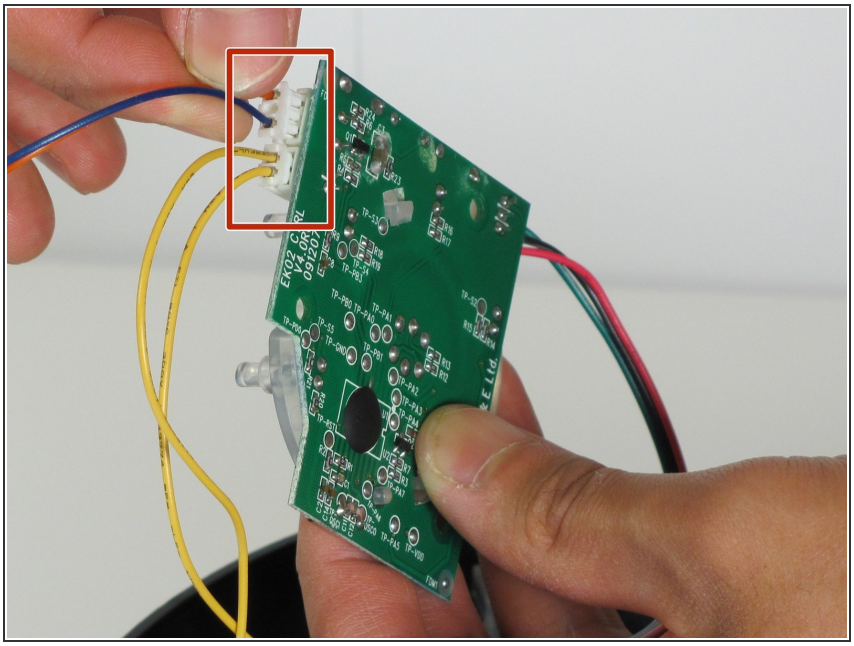




- Find the computer chip over the dial.
- Remove the three 6mm Phillips #2 screws.
- Remove the computer chip.

Remember the orientation of the computer chip on the dial and which peg goes into which hole.

Keep the plastic frame on the bottom of the chip attached.

## Step 12



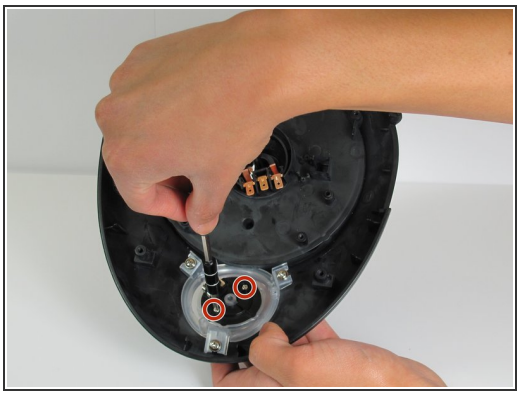
- Unplug the four cables on the left side of the chip.

Remember which cable goes to which plug.



## Step 13 — Dial



- Remove the two 6 mm Phillips #1 screws from the black dial base plate.
  - 6 mm Phillips #1 screws
- Remove the black dial base plate, metal spring, LED tube, and the actual dial.

## Step 14


- Remove the three 7.5 mm Phillips #2 screws from the dial collar.
  - 7.5 mm Phillips #2 screws
- The dial collar will then come away from the base.

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

