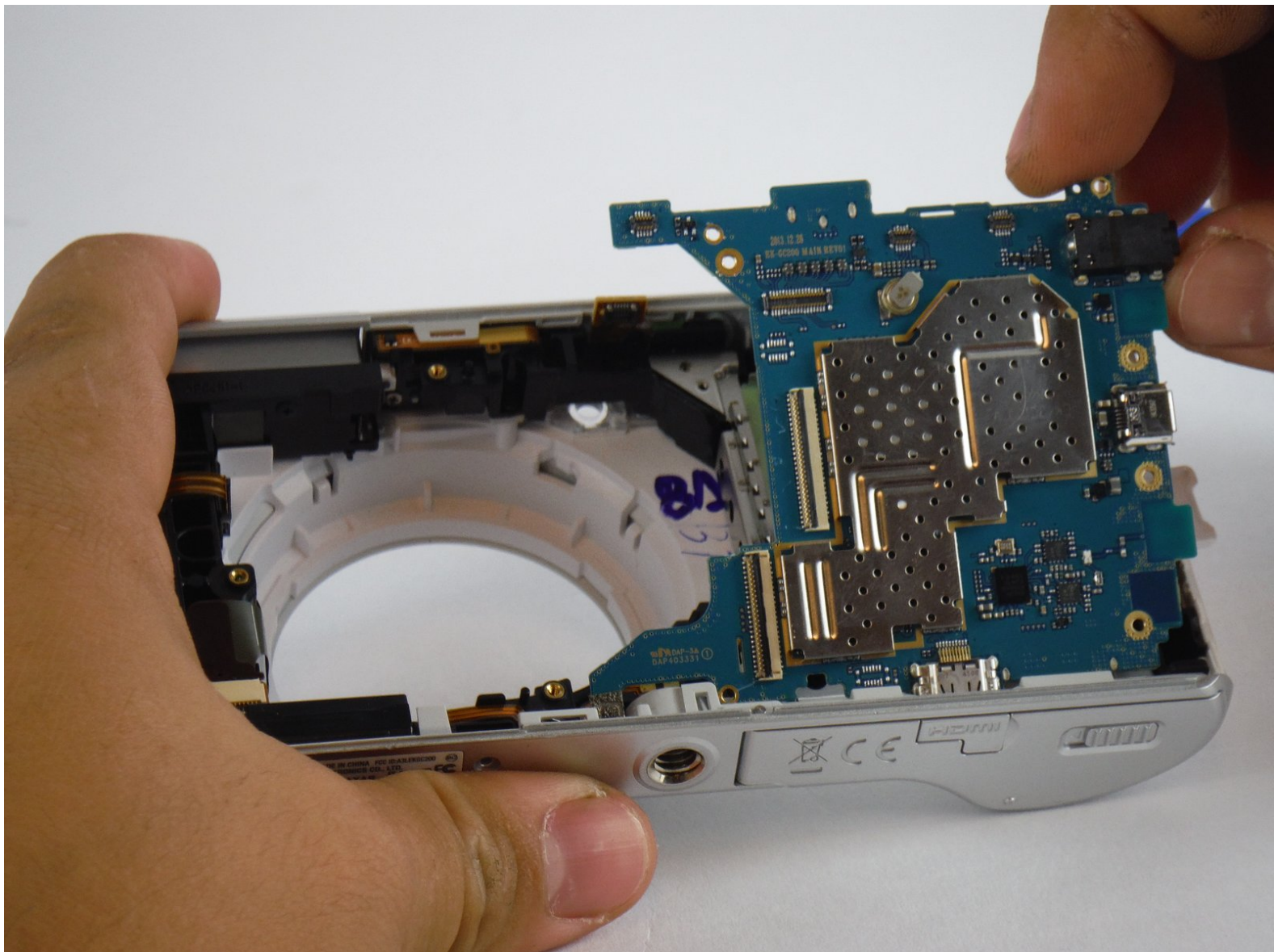




Samsung Galaxy Camera 2 Motherboard Replacement

Camera went for a swim? Change the motherboard!

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INTRODUCTION

This guide is useful for replacing the motherboard of your Samsung Galaxy Camera 2. If the "Android" part of your Android camera is acting up, this is the part to replace. If your camera took a dive in your favorite swimming spot or decided to taste some of that orange juice you had for breakfast this morning, this is the guide for you. Always remember to take out the battery before attempting any repairs!



TOOLS:

- [54 Bit Driver Kit](#) (1)
 - [iFixit Opening Tool](#) (1)
-

Step 1 — Screen



- While holding the camera, take note of each screw holding the screen to the main chassis of the camera.
- Hold the camera upright and lens facing towards you. There are a total of six 4mm PH00 screws to undo - two on the left, one screw on the right, and three along the bottom. Two of them are hidden behind the battery compartment door.

Step 2



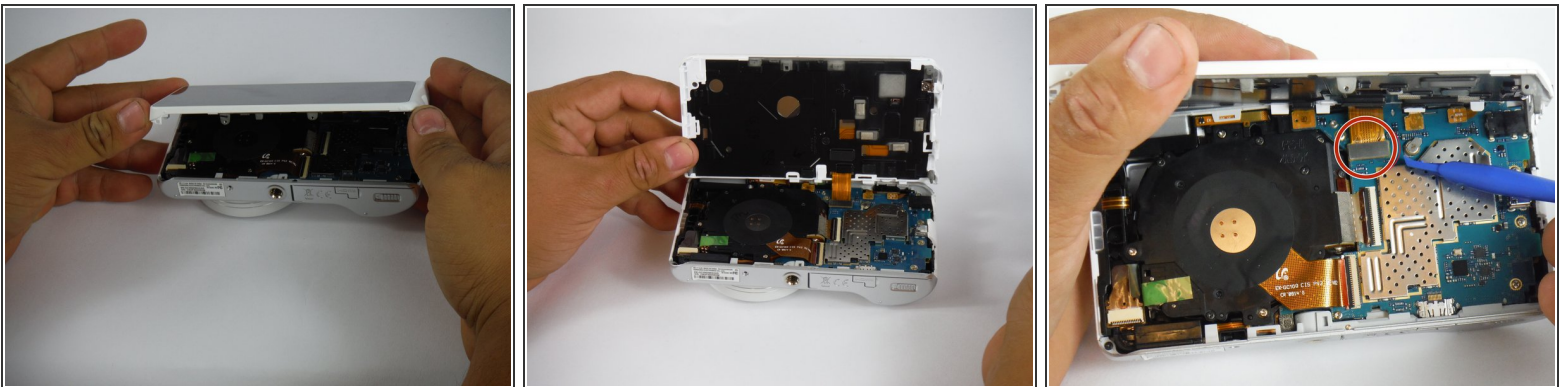
- Use the screwdriver to remove screws listed in step 2. There are a total of six 4mm screws.

Step 3



- With the screws removed, use the plastic opening tool to gently pry the screen away from the main camera chassis. The ideal spot to start is at the corner with the headphone jack, as indicated in the picture.
- Once this side is free, gently work your way along the edge, all the way around the camera body.

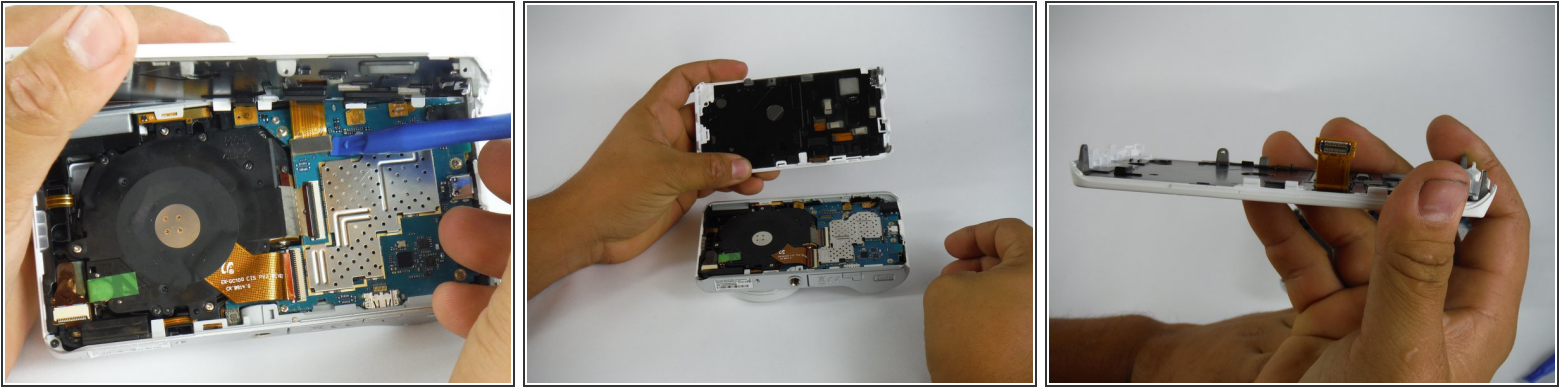
Step 4



- With the screen freed, gently lay the camera on its face, so that the battery compartment faces up. Use both hands to lift the screen up and away.

⚠ The screen is still attached to the motherboard by a ribbon cable. Be Gentle as it's very fragile.

Step 5



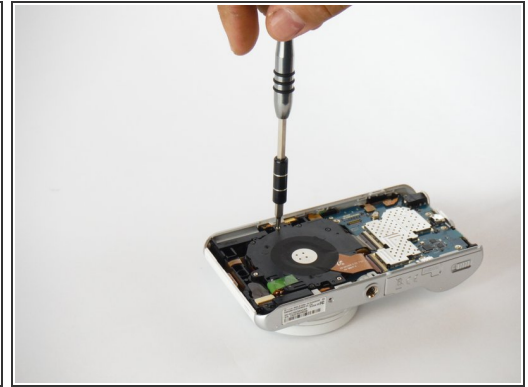
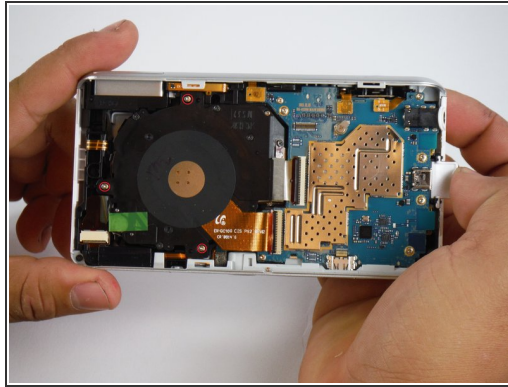
- With the screen separated from the main chassis, use the plastic opening tool to gently pry the edge of the ribbon cable connector from the motherboard.

Step 6 — Screen Separated



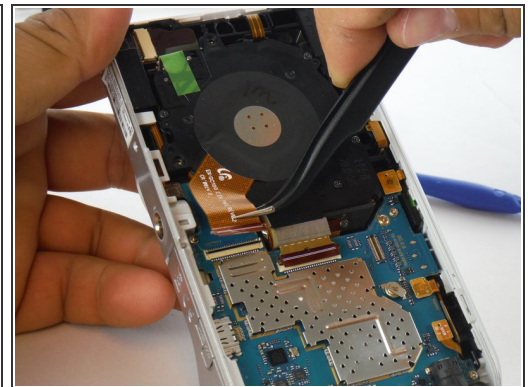
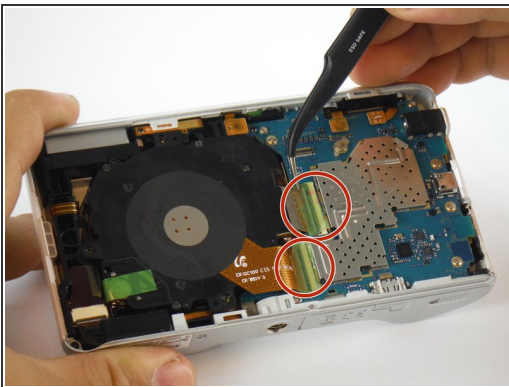
- ① Now the screen is removed.
- Set the body aside in a safe place.

Step 7 — Lens Assembly



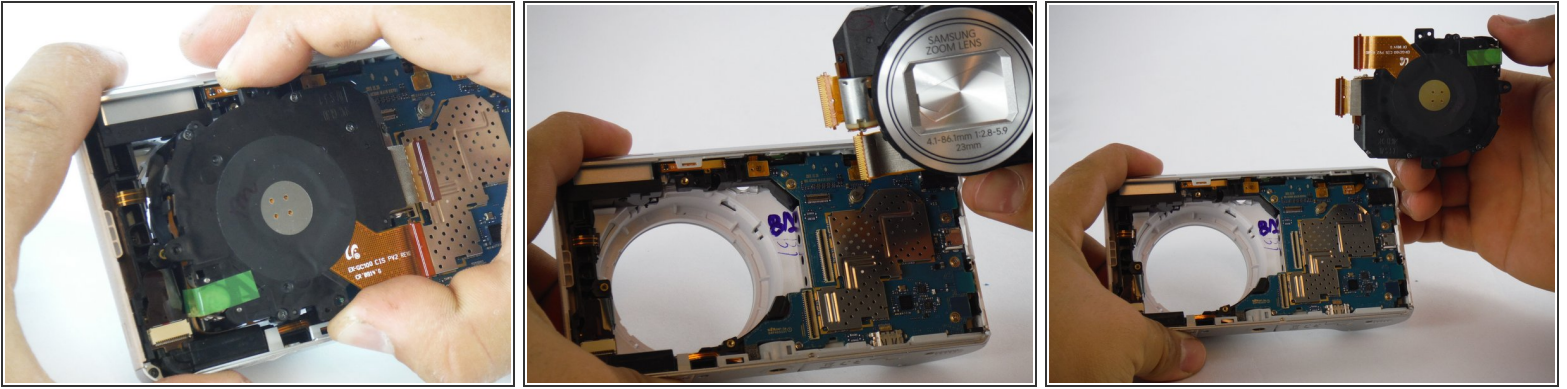
- After removing the screen and battery to access to the inside of the camera, take note of the two main assemblies inside-- the lens apparatus and the main motherboard. The lens assembly is on the left hand side.
- There are three small silver screws (4mm PH00) to remove.

Step 8



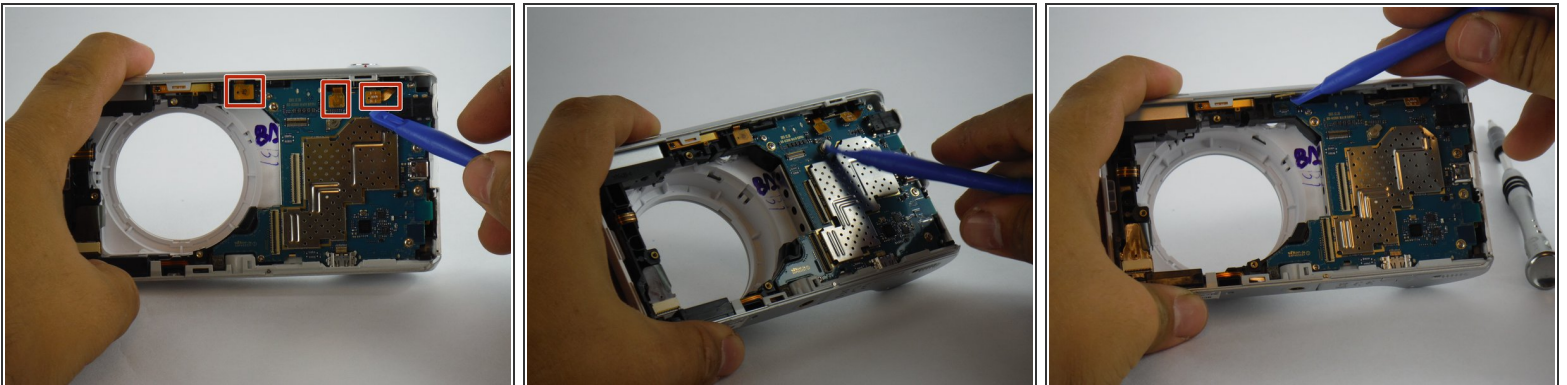
- With the three screws removed, take note of the two ribbon cables connecting the lens assembly to the main motherboard.
- Use the tweezers to remove the two green strips of tape protecting the connectors.
- Use the plastic opening tool to release the black clips locking in the ribbon cables, then use the tweezers to gently pull the ribbon cables away from the main motherboard.

Step 9



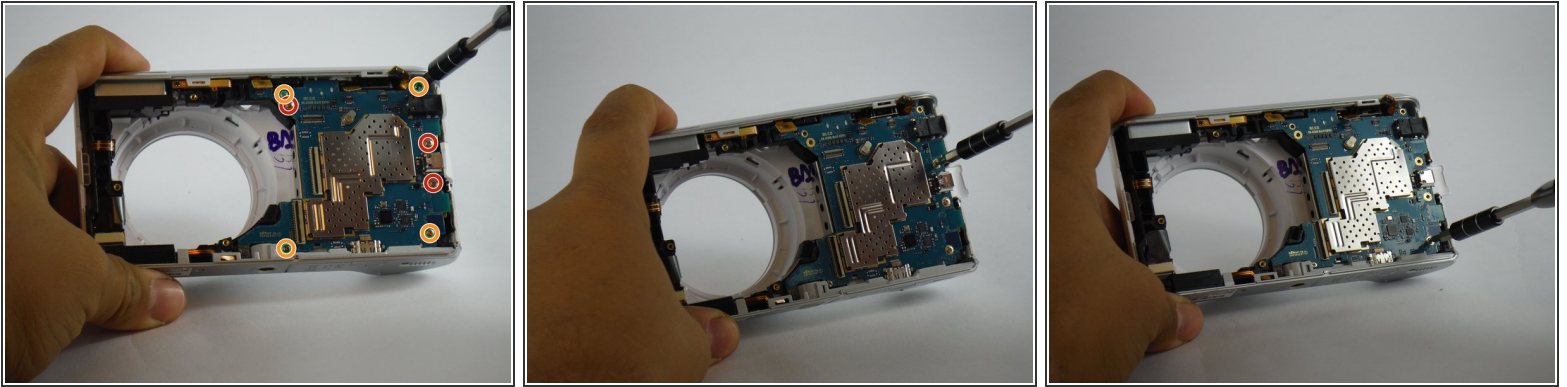
- Now that the screws and ribbon cables have been removed, gently pull the lens assembly up from the the camera and remove it.

Step 10 — Motherboard



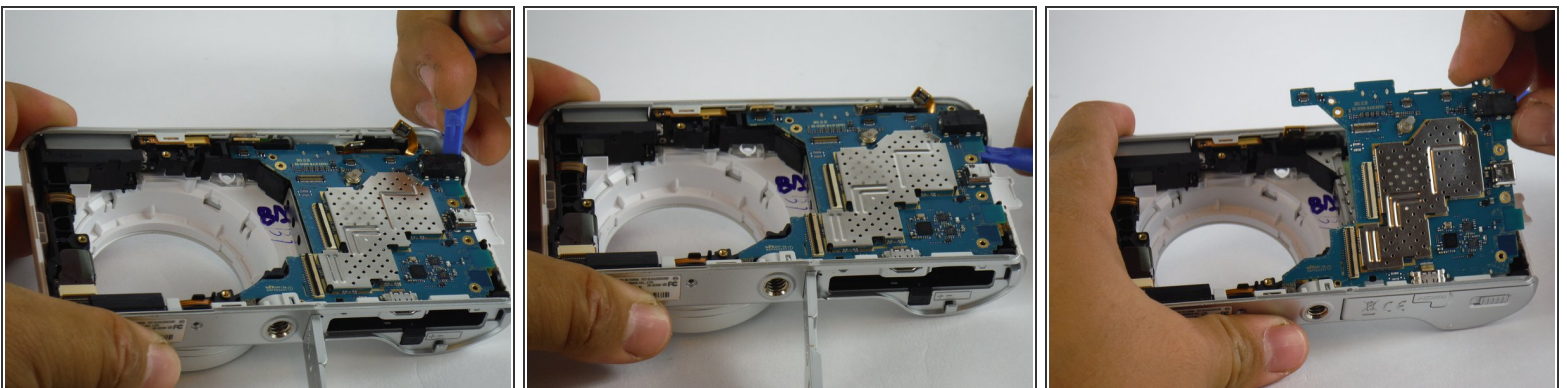
- Now that you've removed the battery, screen, and lens assembly, you are ready to continue in removing the motherboard.
- There are small ribbon cables connected to the motherboard. Use your plastic opening tool and gently pry the sides of the connectors away from the motherboard. Tuck them away to prevent damaging them when removing the motherboard.

Step 11



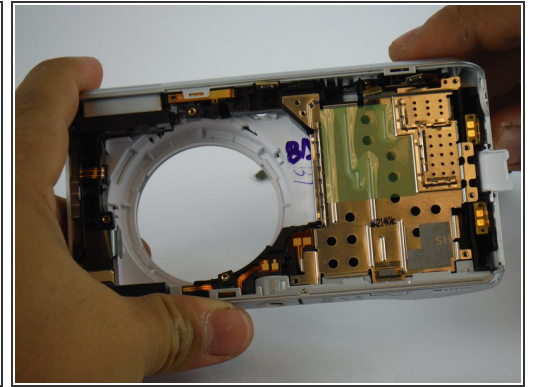
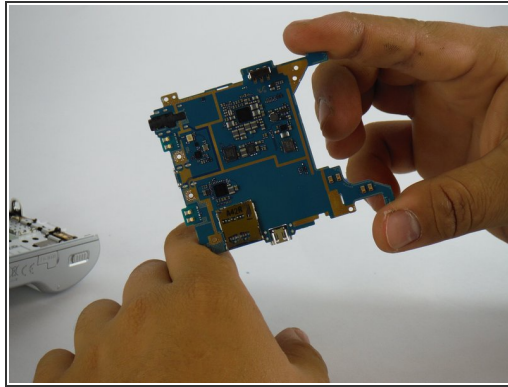
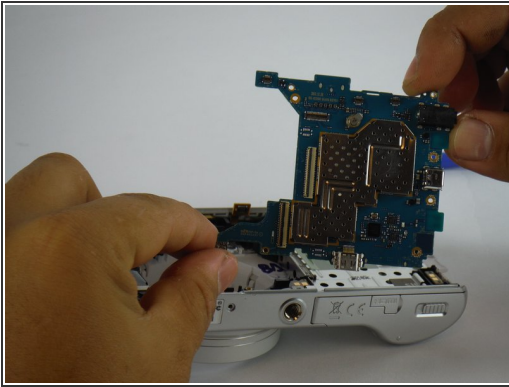
- After removing the ribbon cables, take note of the screws holding the motherboard into the main chassis of the camera.
- There are two types of screws to remove. The four (2mm, PH00) circled in red have a fat head, and go in the gold contact.
- The three (4mm, PH00) screws marked in green have a skinny head.
- Use the IFIXIT screwdriver and PH0 bit to remove all the screws holding the motherboard.

Step 12



- With all the screws removed, use the plastic opening tool to gently pry the headphone jack away from its casing. That jack holds the motherboard in place.
- Next, gently slide the plastic opening tool underneath the motherboard. Move your fingers underneath and use your hands to completely remove it.

Step 13



- Now, remove the motherboard completely from the chassis.

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