



Nokia E61i Teardown

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 **TOOLS:**

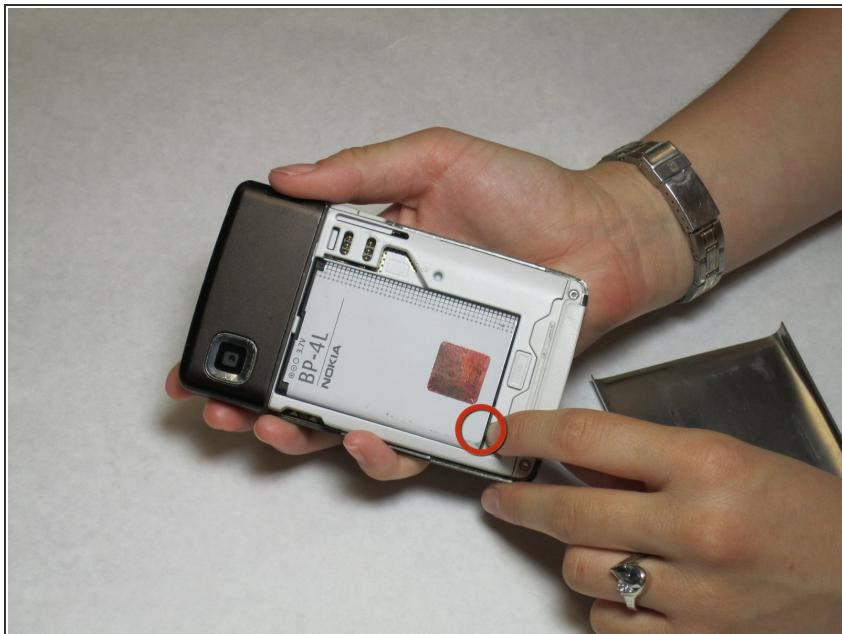
- [T7 Torx Screwdriver \(1\)](#)
- [T6 Torx Screwdriver \(1\)](#)
- [T5 Torx Screwdriver \(1\)](#)
- [Flathead Screwdriver \(1\)](#)
- [Magnetic Project Mat \(1\)](#)

Step 1 — Battery



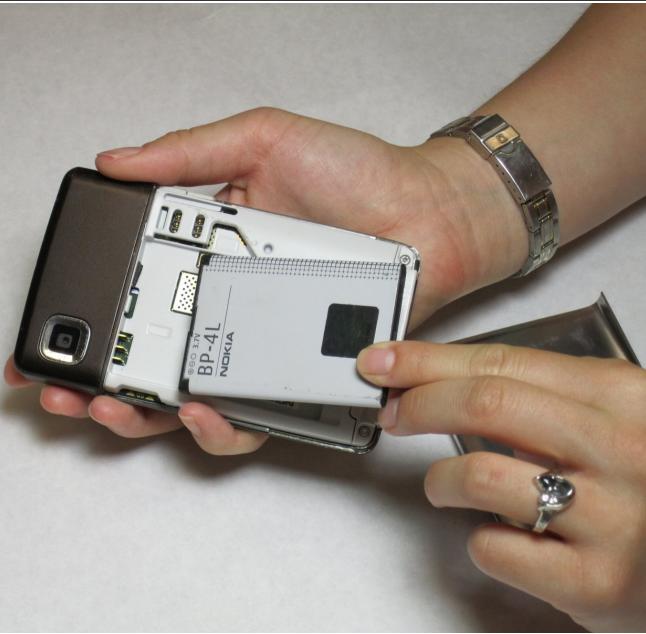
- To access the battery you must remove the back cover. Press the tab on the bottom of the cover in so that the back cover plate can slide over it.
- Now slide the back cover off of the phone.

Step 2



- Once the backplate is removed, look to the bottom-left corner of the phone where there is a spot to remove the battery.

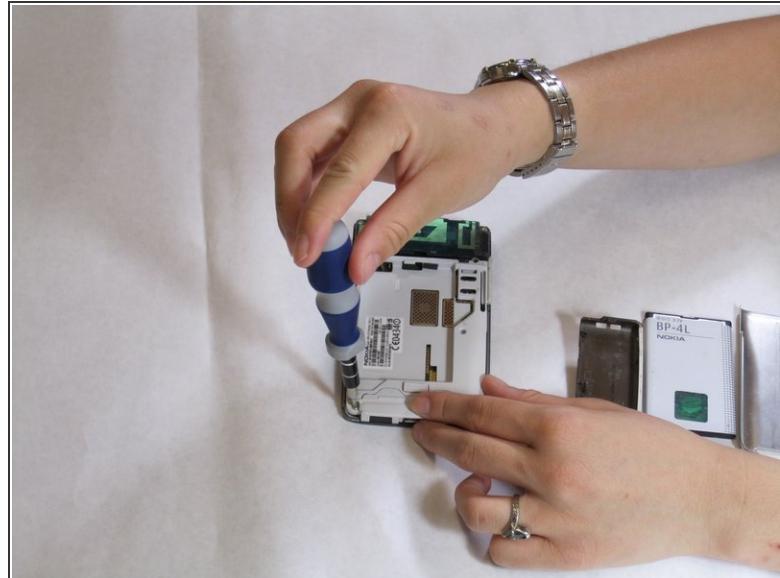
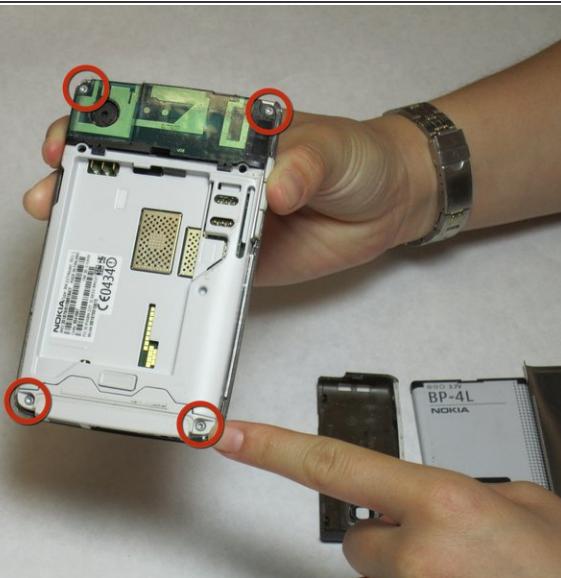
Step 3



- Use your finger to lift the battery out.

(i) The E61i uses a Nokia BP-4L standard battery.

Step 4 — Front Cover



- Remove the four screws securing the front cover to the rest of the phone using a T7 screwdriver.

Step 5



- After the screws have been removed, there is nothing else securing the front cover to the rest of the phone. Simply remove the cover by pulling it up and off.

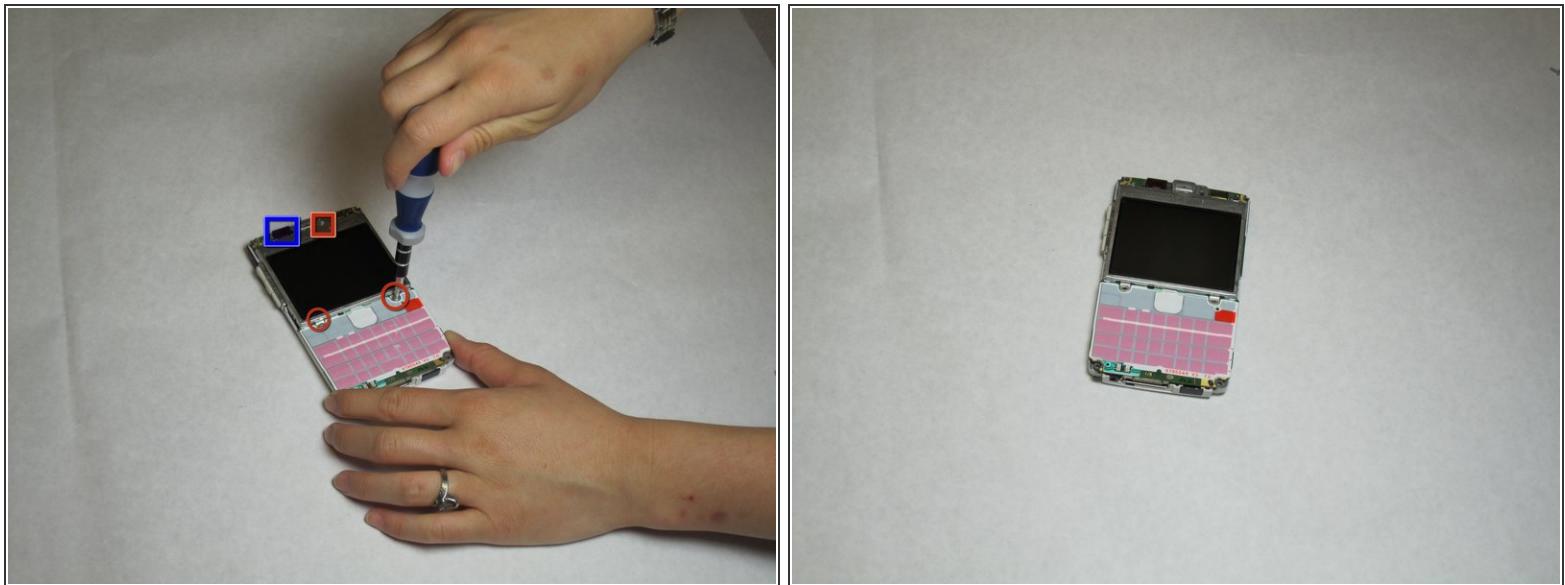
Step 6 — Keyboard



- Once the front cover has been removed, there is nothing holding the keyboard to the rest of the

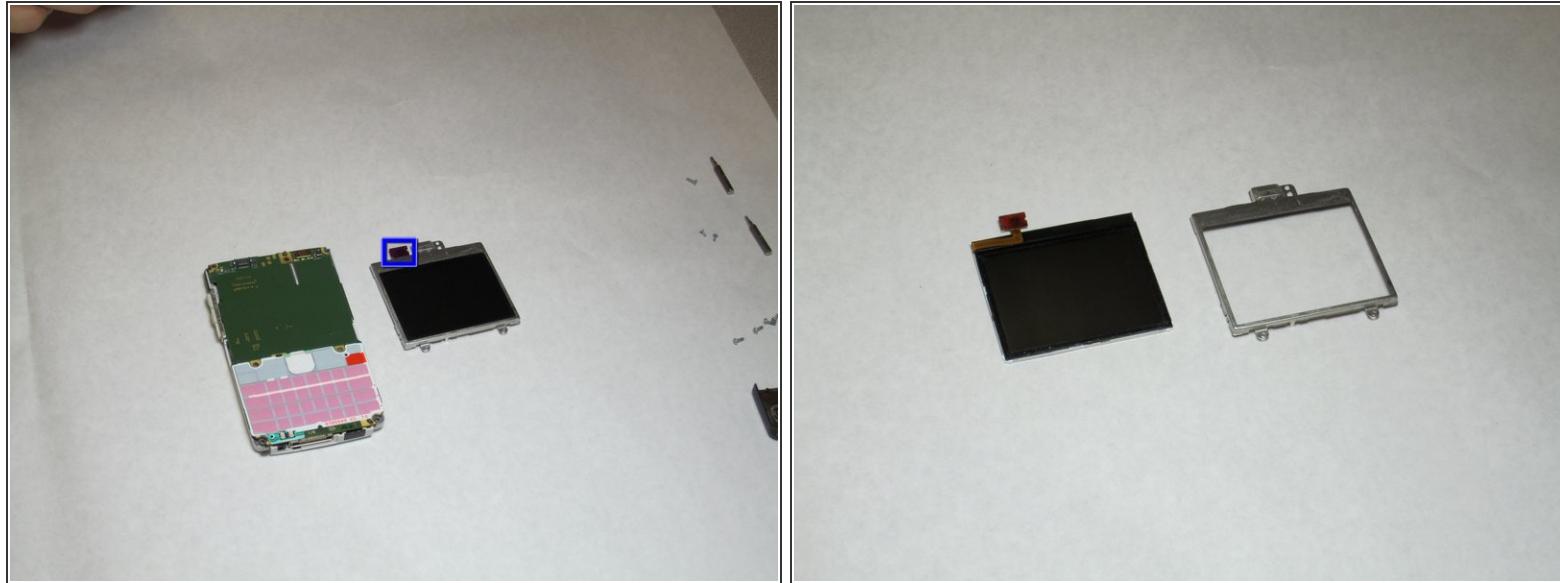
phone. Simply remove the keyboard from the cover by lifting the keyboard from its interior side.

Step 7 — Display



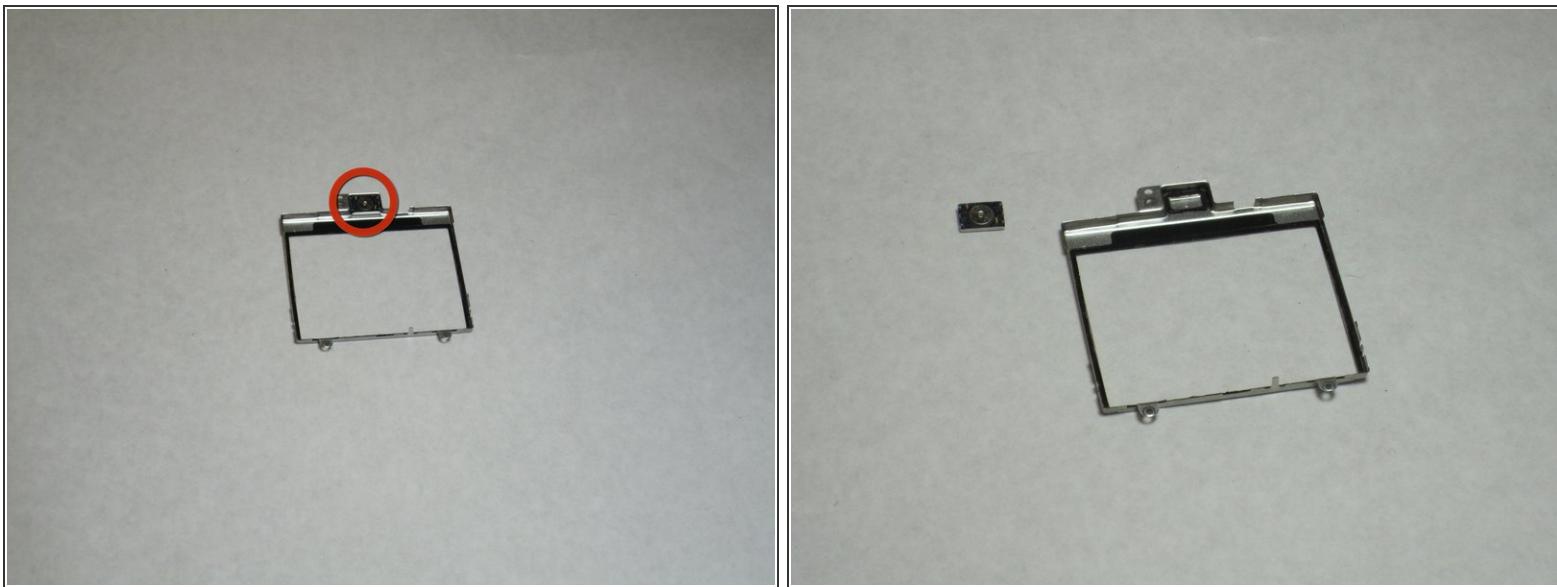
- After casing and keyboard have been taken off, remove the screws holding the screen in place using a T-6 for the screws in the middle of the red circles and a T-5 for the screw in the middle of the red square.
- Lift ribbon off of the contact with the logic board
- *When reassembling, make sure to firmly press contacts into place to ensure a connection is made between ribbon and logic board

Step 8



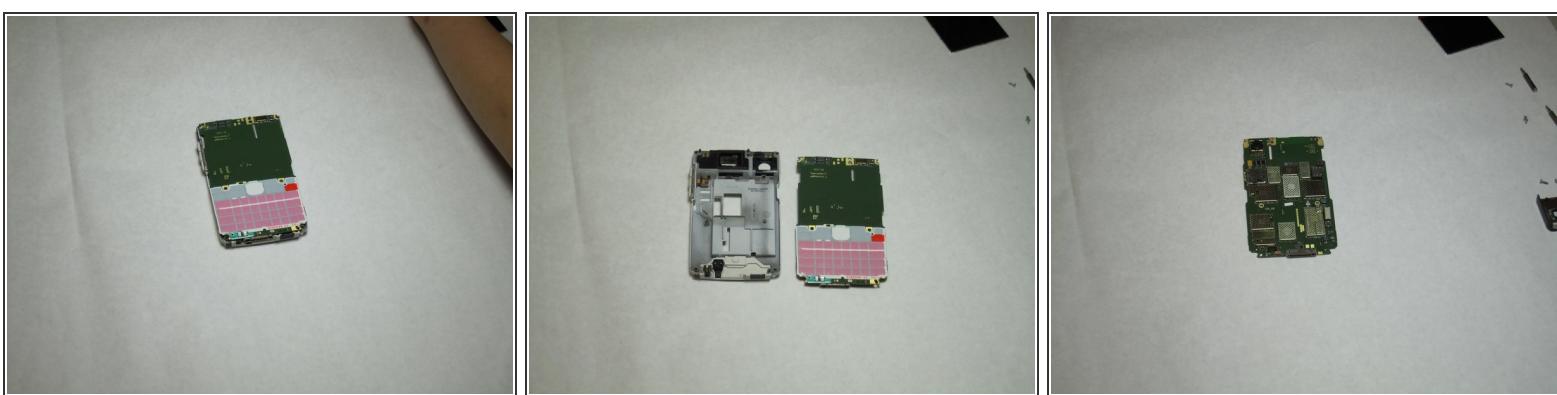
- Once the screws are out, gently pull the screen off of the phone. ***NOTICE*** The sticker that attaches the display (in the middle of the blue square again) and the logic board is to be removed safely and be sure not to rip this apart.
- Finally, pull the silver case off to completely free the cracked or damaged screen.

Step 9 — Speaker



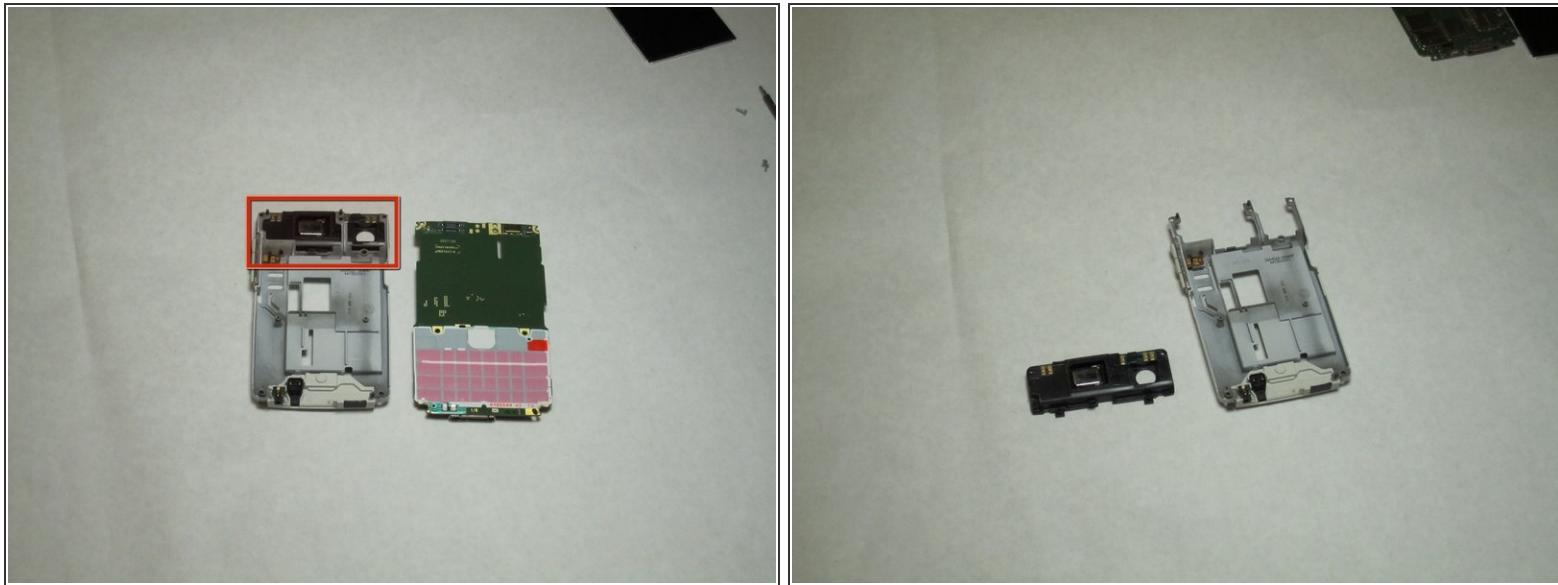
- Remove the speaker by pulling it off of the display frame.
- The speaker is connected to the display frame by a ring of adhesive foam (visible in second picture). By removing the speaker, this foam is torn. However, the speaker sticks quite well to the frame without reapplication of any adhesive.

Step 10 — Logic Board



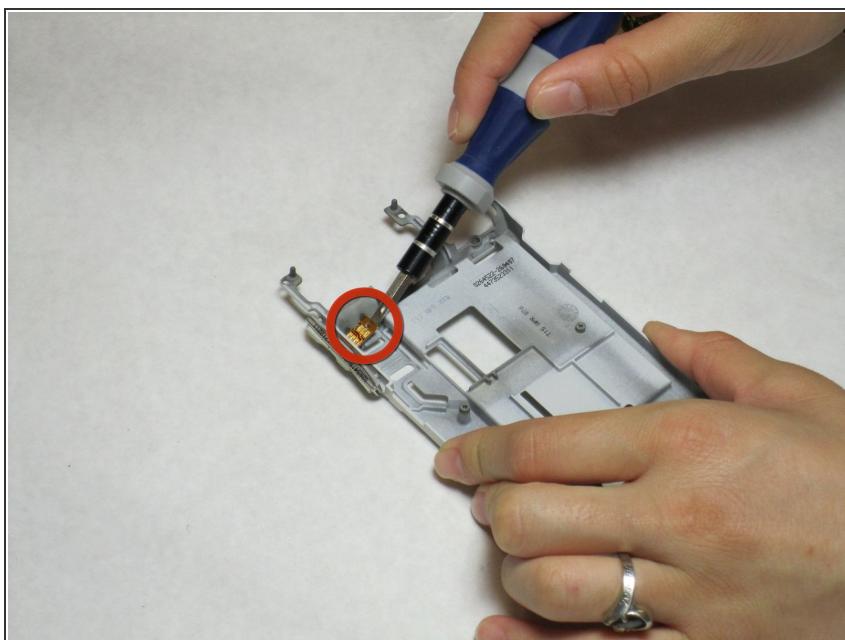
- Finally, after the screen and keyboard have been taken off, there is nothing securing the logic board to the rest of the phone. Simply pull the green logic board from the back casing.
- Once free from the back of the phone, the logic board can be replaced by a new one.

Step 11 — Antenna



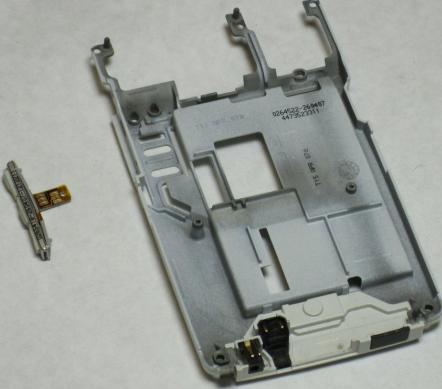
- After the logic board has been removed, there is nothing else securing the antenna to the back cover. Simply remove the antenna by pushing outward from the interior side.

Step 12 — Volume Control Buttons



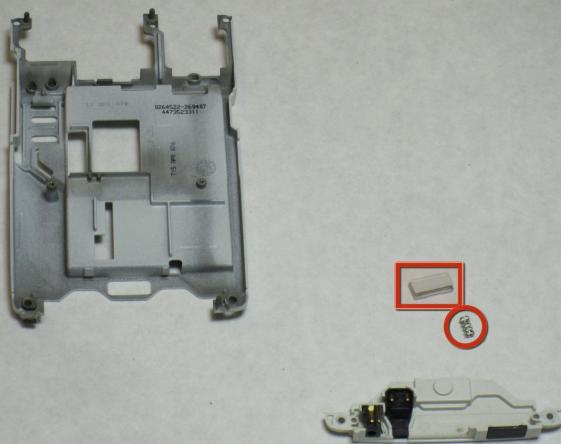
- The volume control buttons are secured to the frame only by their fit around a small piece of the plastic. Using a small flat-head screwdriver or other flat object, lift the ribbon over this piece of the cover.

Step 13



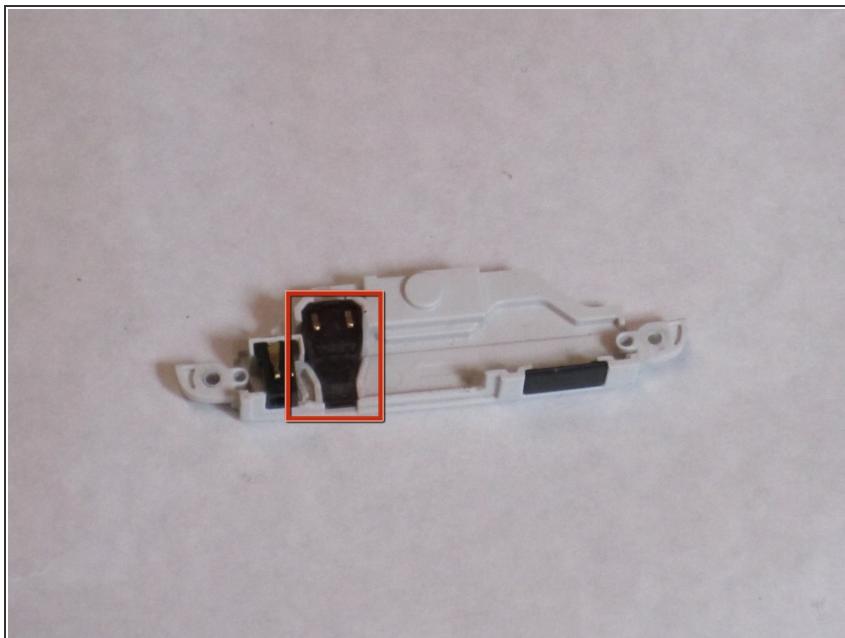
- Next, remove the volume control buttons from the cover by pushing or pulling them out away from the interior of the cover.

Step 14 — Connector Housing



- With the back panel, you will slowly take the Connector Housing by first pushing and sliding it off the back panel.
- *Notice* Be very careful not to lose the small loose spring from behind the button or the small button itself. So do this step slowly.

Step 15 — Microphone



- After the Connector Housing has been removed, there is nothing else holding the Microphone in place. Simply remove it from the housing by pulling up.

Step 16 — Headset Jack



- After the Connector Housing has been removed, there is nothing else holding the Headset Jack in place.

Simply remove it from the housing by pulling up.

- EDIT: The connection socket shown in the red square is actually the POWER IN socket.

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