



Nokia E61i Teardown

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TOOLS:

TR7 Torx Security Screwdriver (1)

T6 Torx Screwdriver (1)

T5 Torx Screwdriver (1)

6-in-1 Screwdriver (1)

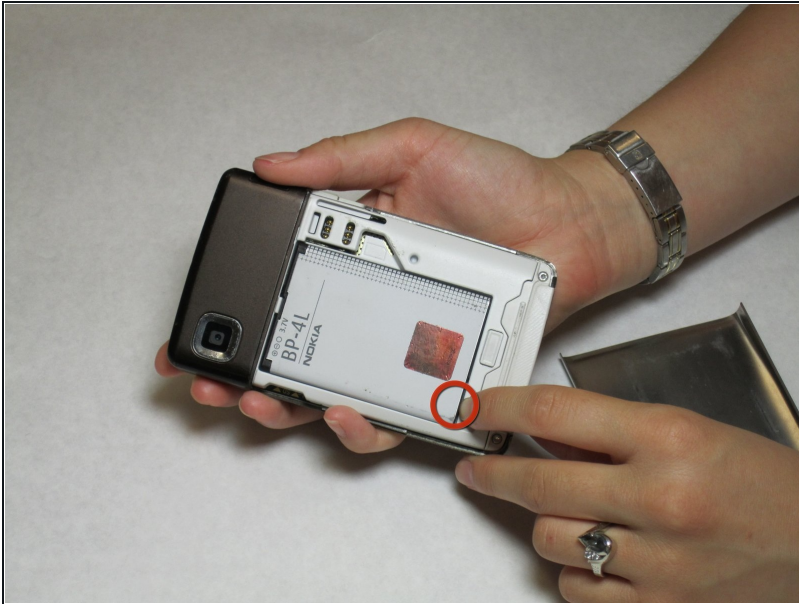
Magnetic Project Mat (1)

Step 1 — Battery



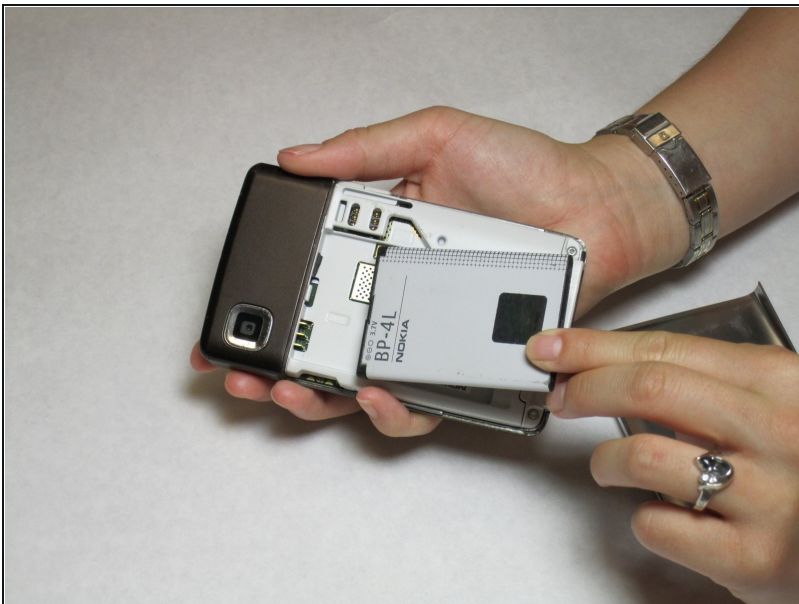
- Remove the back cover to access the battery. Press the tab on the bottom of the cover.
- Slide the back cover downwards off of the phone while pressing the tab down.

Step 2



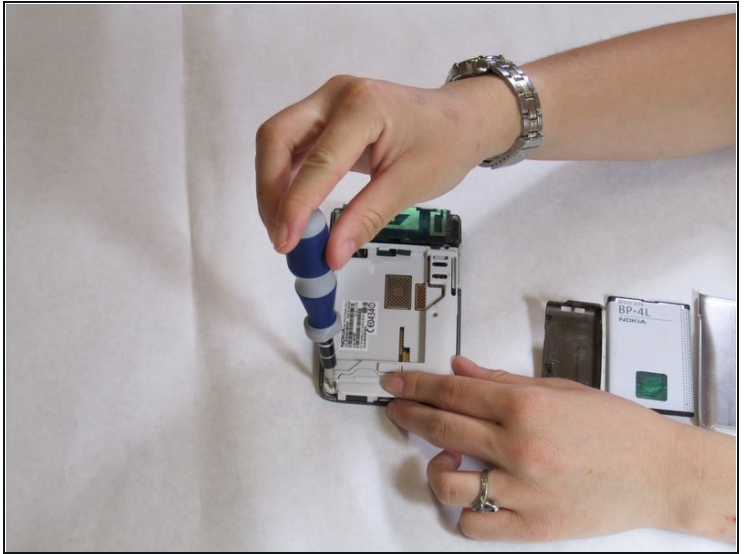
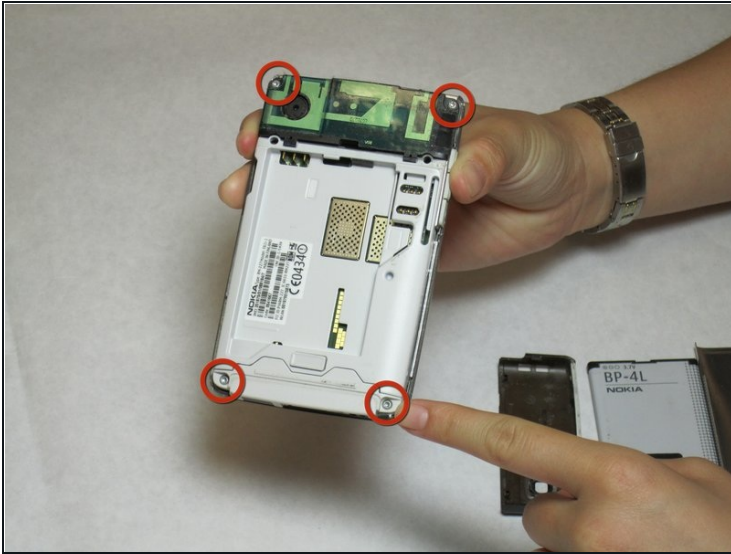
- Locate the bottom-left corner of the phone where there is a spot to remove the battery.

Step 3



- Lift the battery out using your finger.
- ① The E61i uses a Nokia BP-4L standard battery.

Step 4 — Front Cover



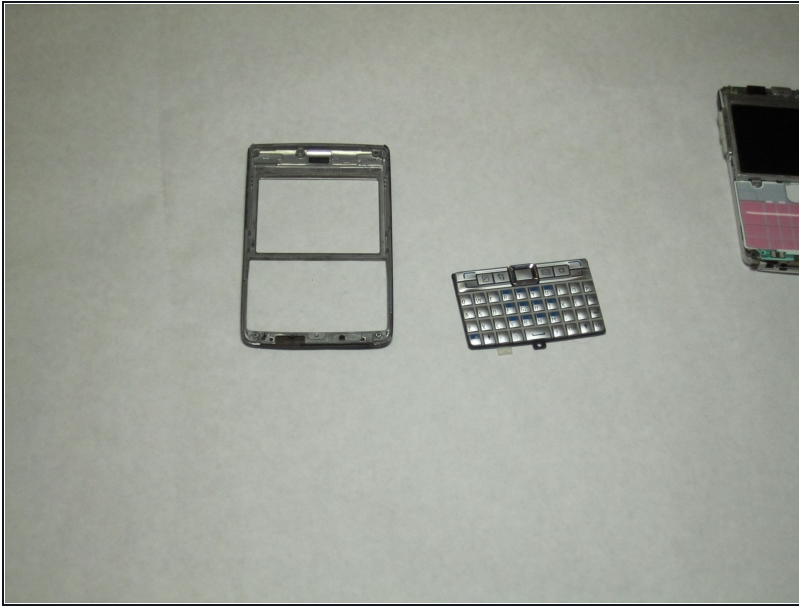
- Remove the four screws that secure the front cover to the rest of the phone using a T7 screwdriver.

Step 5



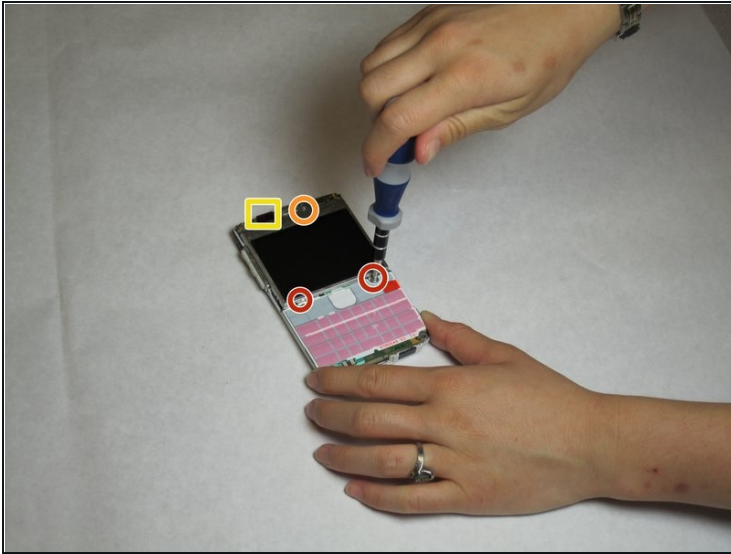
- Remove the cover by pulling it up and off.

Step 6 — Keyboard



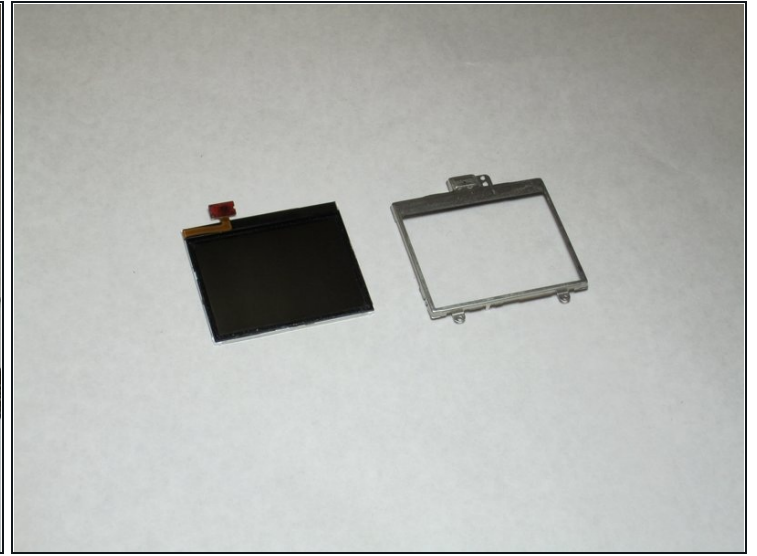
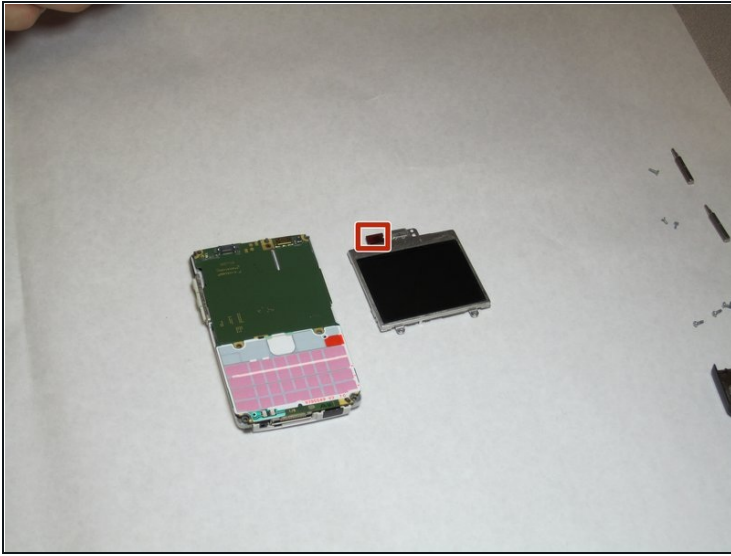
- Once the front cover has been removed, there is nothing holding the keyboard to the rest of the phone. Simply remove the keyboard from the cover by lifting the keyboard from its interior side.

Step 7 — Display



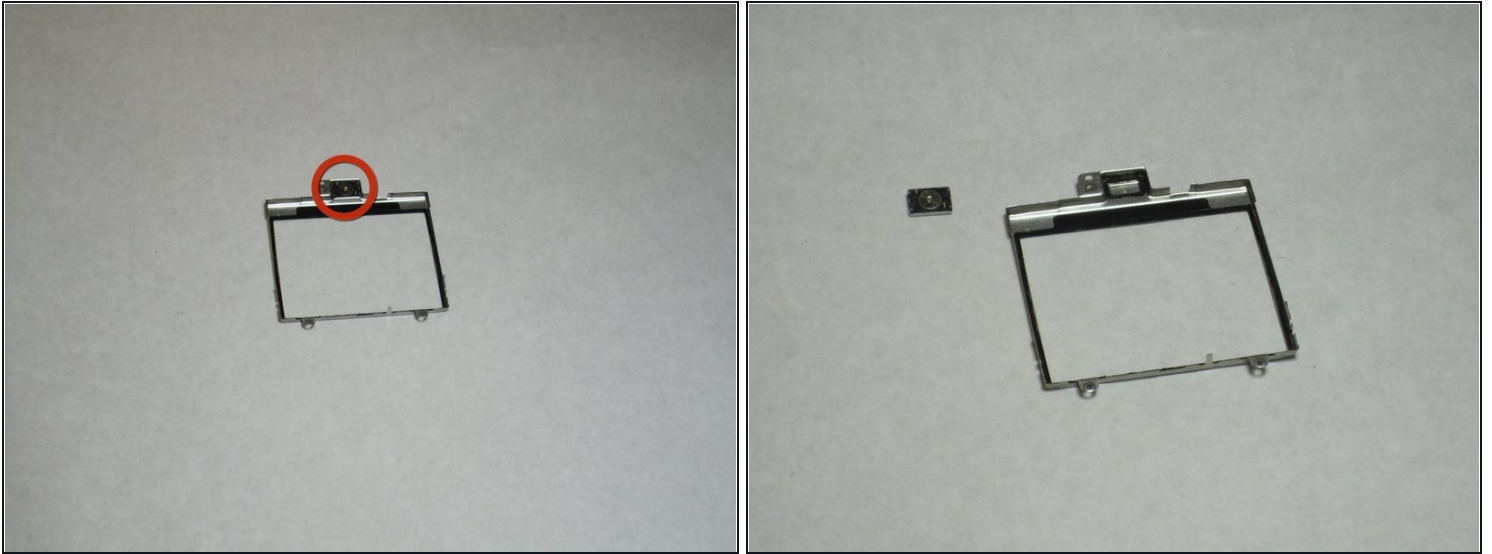
- Take off the casing and keyboard.
- Remove the screws while holding the screen in place using a Torx T6 screwdriver.
- Remove the single screw while holding the screen in place using a Torx T5 screwdriver.
- Lift the ribbon off of the contact with the motherboard.
- ☒ ★ Firmly press the contacts into place to connect the ribbon and the motherboard when reassembling.

Step 8



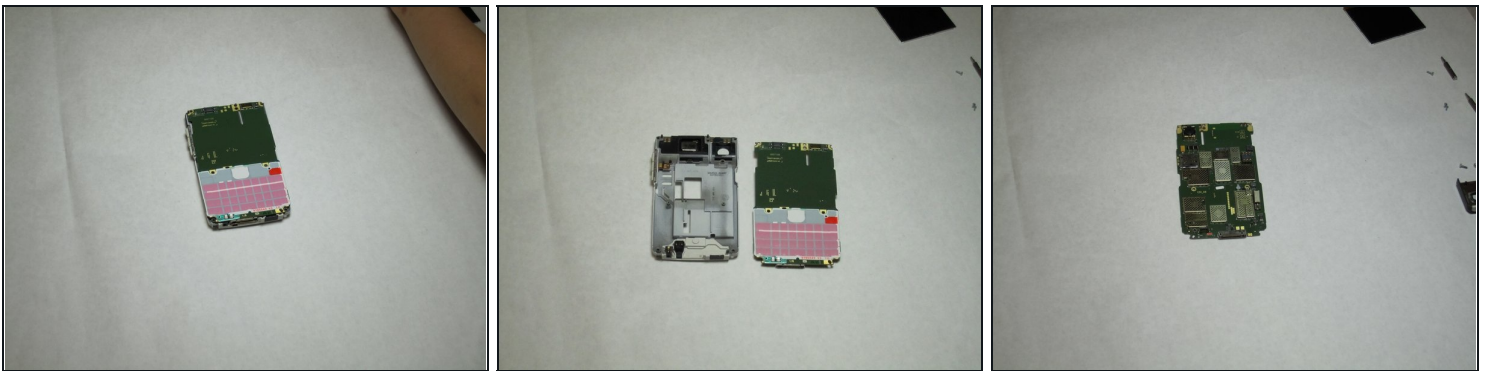
- Gently pull the screen off of the phone.
- Be sure not to rip the sticker that connects the display and the motherboard.
- Pull the silver case off to completely free the cracked or damaged screen.

Step 9 — Speaker



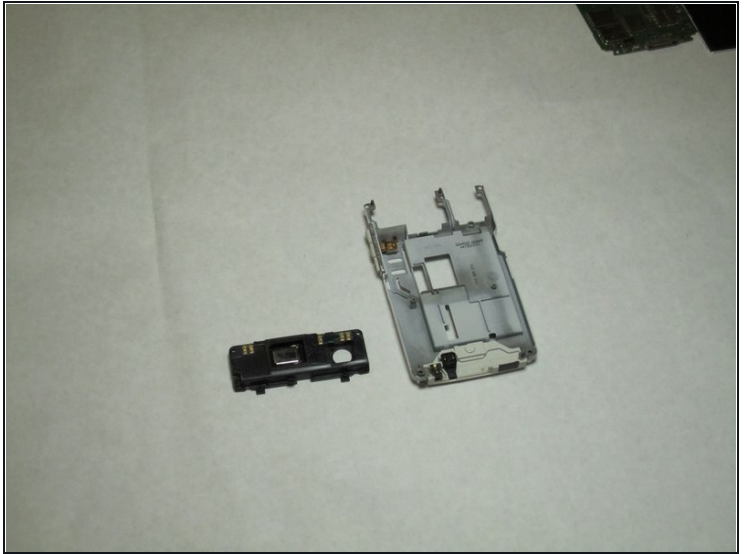
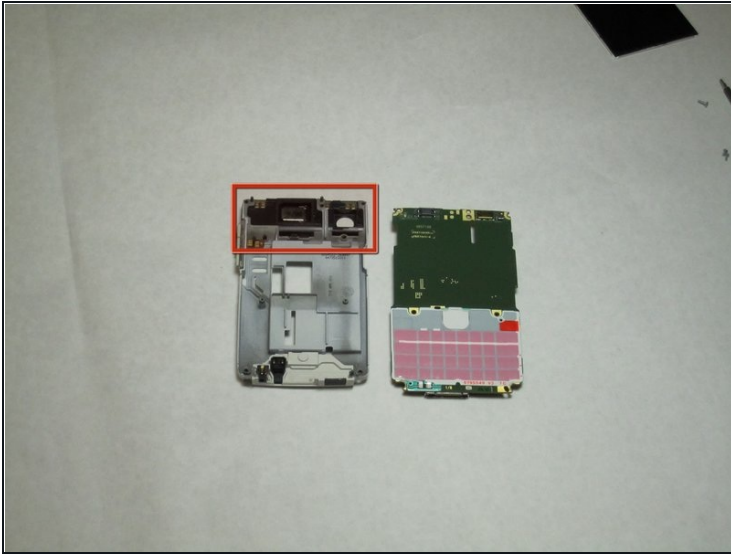
- Remove the speaker by pulling it off of the display frame.
- The speaker is connected to the display frame by a ring of adhesive foam (visible in second picture). By removing the speaker, this foam is torn. However, the speaker sticks quite well to the frame without reapplication of any adhesive.

Step 10 — Motherboard



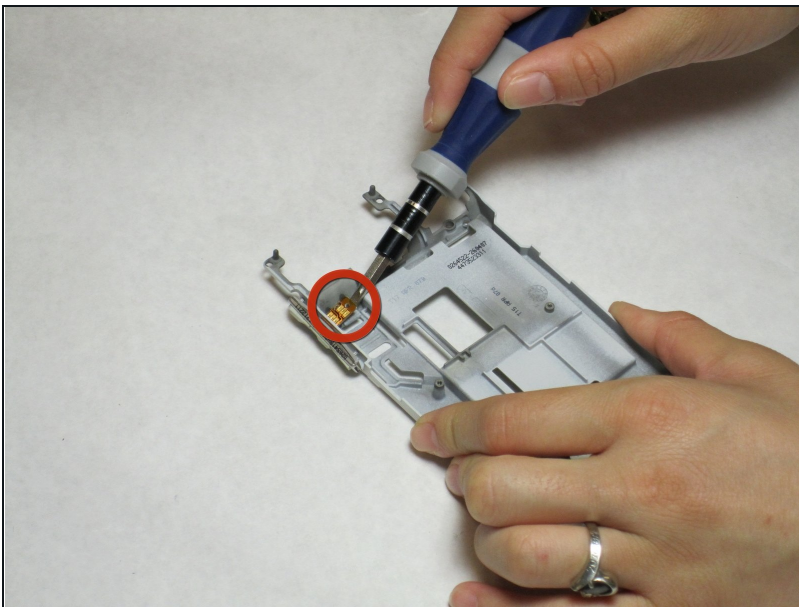
- Pull the green motherboard from the back casing.

Step 11 — Antenna



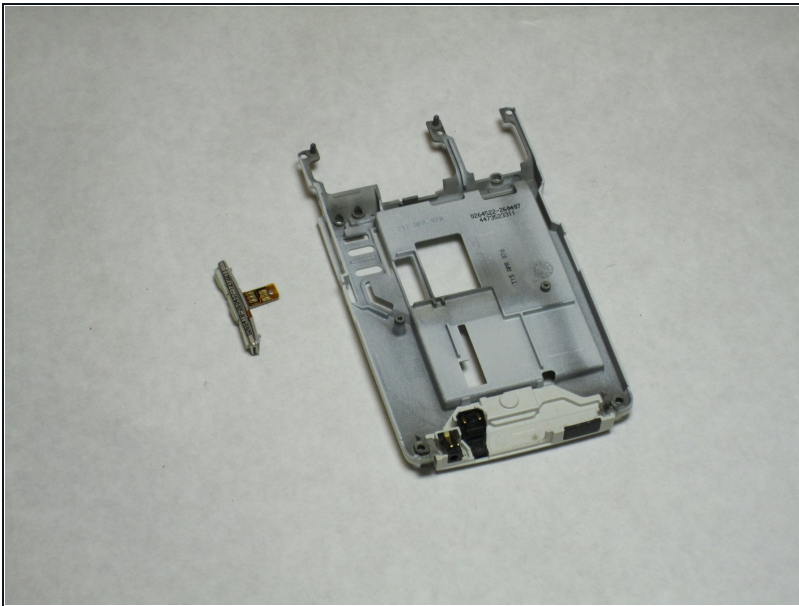
- After the logic board has been removed, there is nothing else securing the antenna to the back cover. Simply remove the antenna by pushing outward from the interior side.

Step 12 — Volume Control Buttons



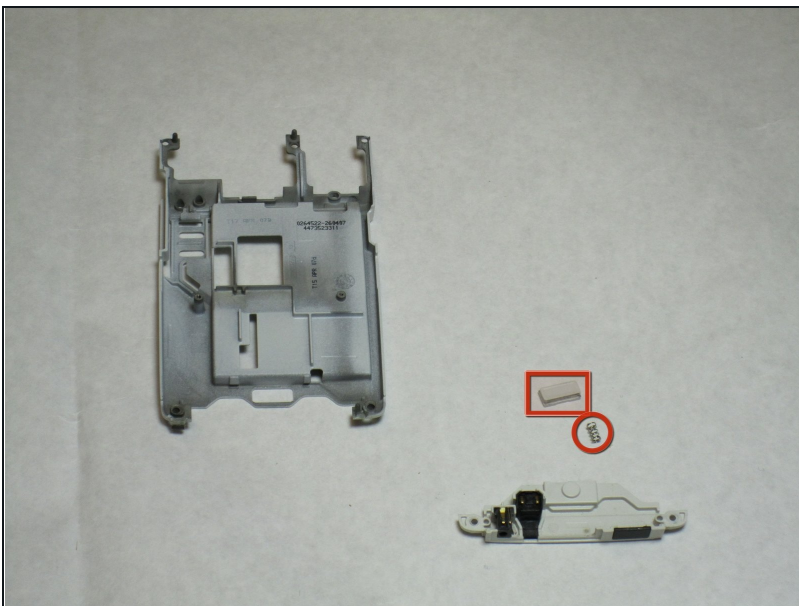
- The volume control buttons are secured to the frame only by their fit around a small piece of the plastic. Using a small flat-head screwdriver or other flat object, lift the ribbon over this piece of the cover.

Step 13



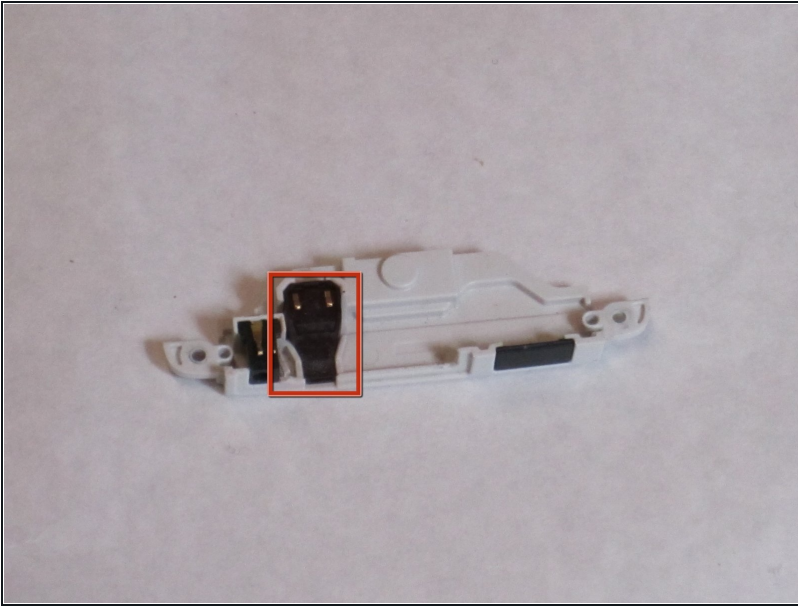
- Next, remove the volume control buttons from the cover by pushing or pulling them out away from the interior of the cover.

Step 14 — Connector Housing



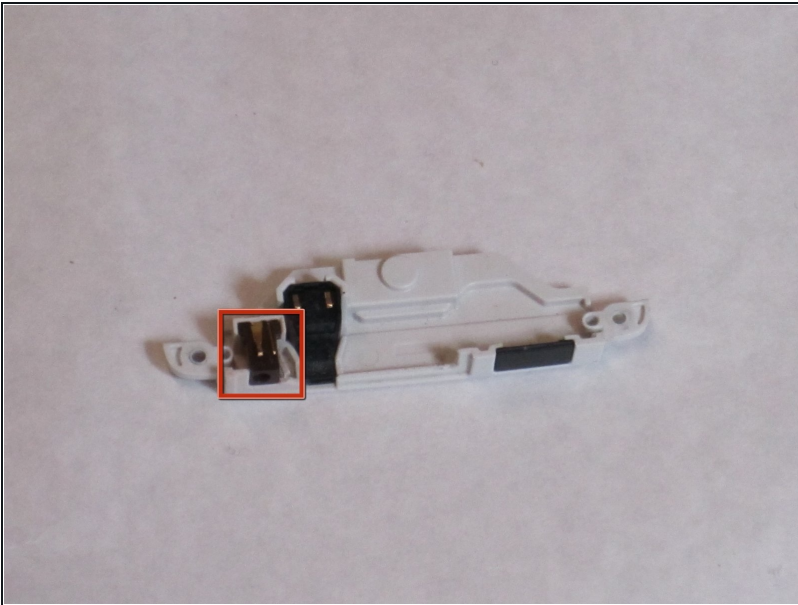
- Remove the connector housing by pushing and sliding it off the back panel.
- ⓘ Be very careful not to lose the small loose spring from behind the button or the small button itself.

Step 15 — Disassembling Nokia E61i 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



- Remove the headset jack from the housing by pulling it up.

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