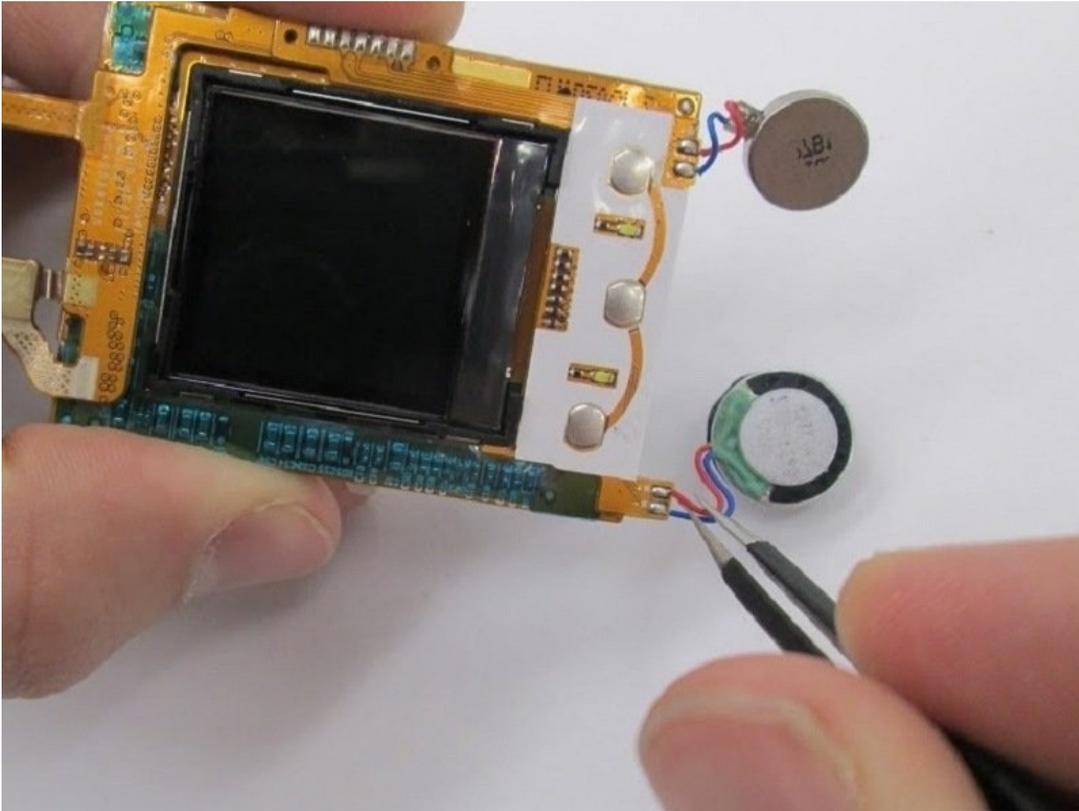




Speakers

Written By: Jonathan Flowers



 **TOOLS:**

Phillips #0 Screwdriver (1)

iFixit Opening Tool (1)

Spudger (1)

Tweezers (1)

Step 1 — Battery



- Locate the horizontal grip located on the back cover of the phone.
- Slide the back cover down and off of the phone.

Step 2



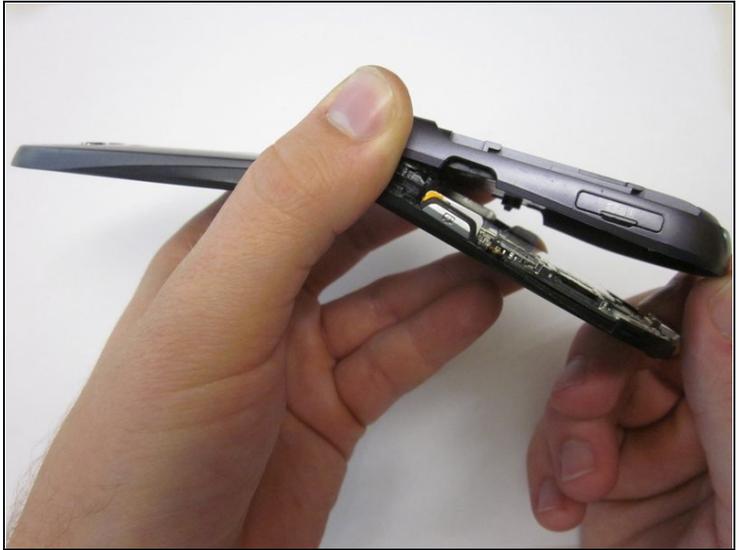
- Insert a plastic opening tool into the battery release point located above the battery.
- Pull outwards in order to release the battery.

Step 3 — Circuit Board Housing



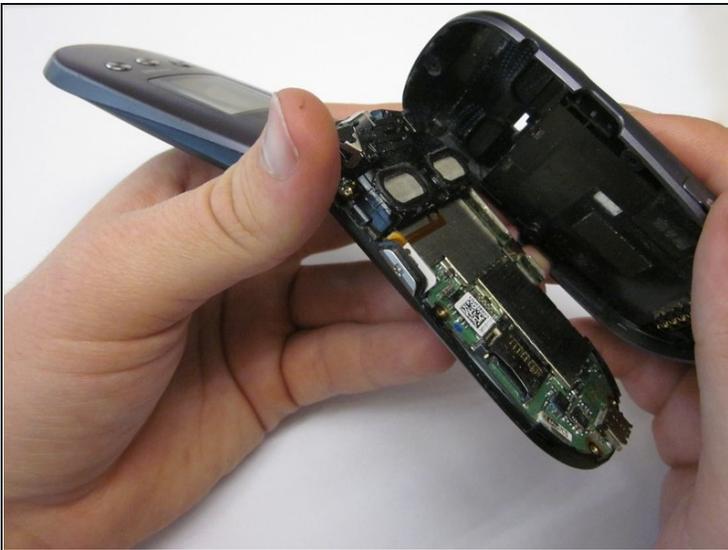
- Locate the 5 screws holding the body of the phone together.
- ① The top screw will have a plastic cover, remove it using [tweezers](#).
- Using a Philips head screwdriver, twist counterclockwise to remove the screws.
- Take special care with the screw located at the top of the phone. It is smaller and more likely to be damaged or improperly attached.

Step 4



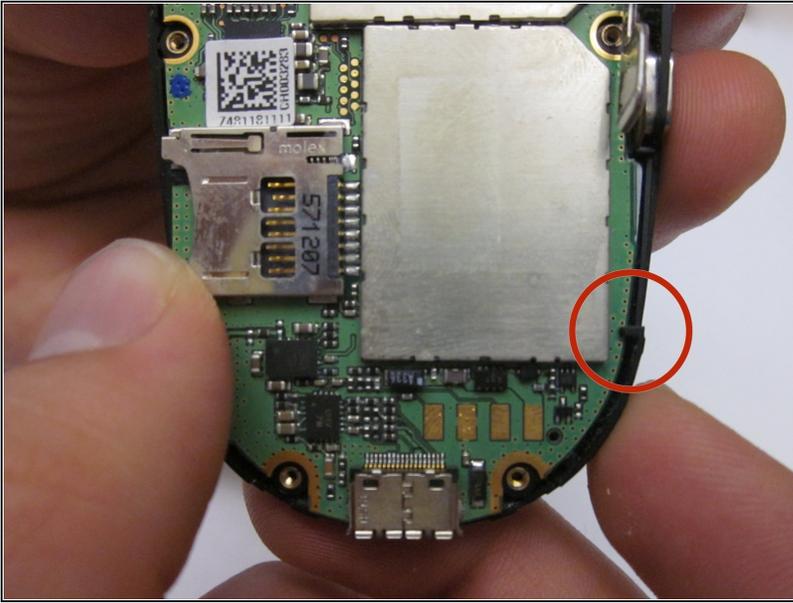
- Lift the back cover starting at the bottom of the phone.

Step 5



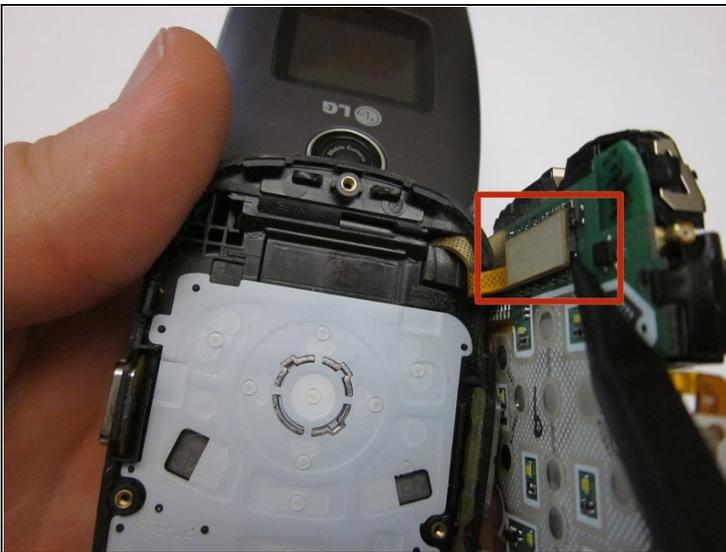
- Remove the back cover completely from the phone.

Step 6 — Circuit Board



- Locate the clamp at bottom right side of the Circuit Board.
- Pull the circuit board from the phone being cautious to pull out underneath the clamp.

Step 7



- Locate the ribbon connecting the circuit board to the phone display.
- Using the spudger, disconnect the ribbon connecting the phone's display and the circuit board.
- Remove the circuit board

Step 8 — Screen Cover



- Locate the two rubber circles covering the screws.
- Remove the rubber covers using [tweezers](#).
- Using the Phillips head screwdriver, unscrew and remove the two screws.

Step 9



- Close the phone and gently pull outwards from the bottom left portion of the phone cover.
- ⓘ Take care not to do this with too much force, as it could crack the cover.
- Completely remove the cover from the phone.

Step 10 — Screen Assembly



- Locate the front music buttons.
- Remove the music control buttons on the face of the phone.

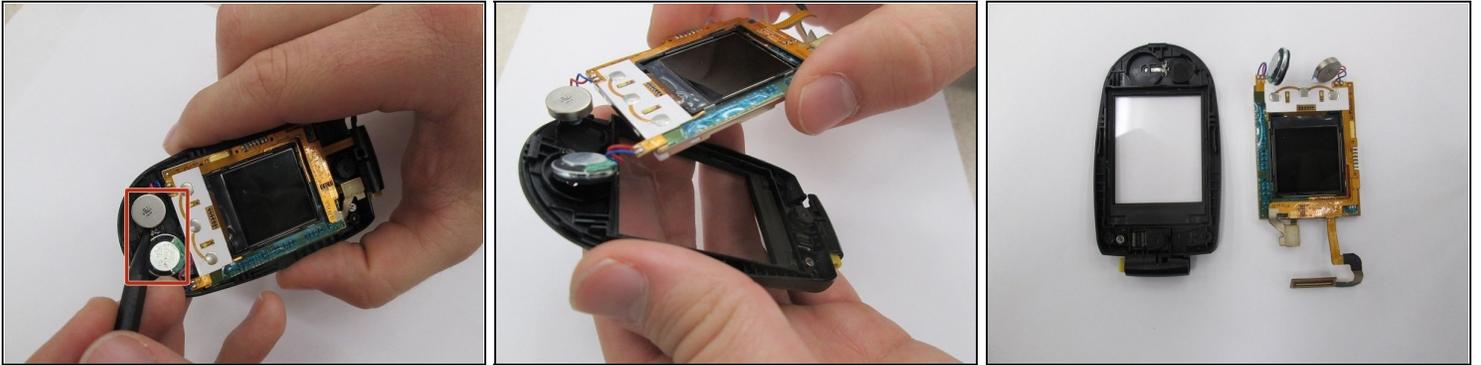
Step 11



- While grasping the top and bottom sections torque the pieces until the indicated hinge has popped out. The two sections of the phone are now able to separate.

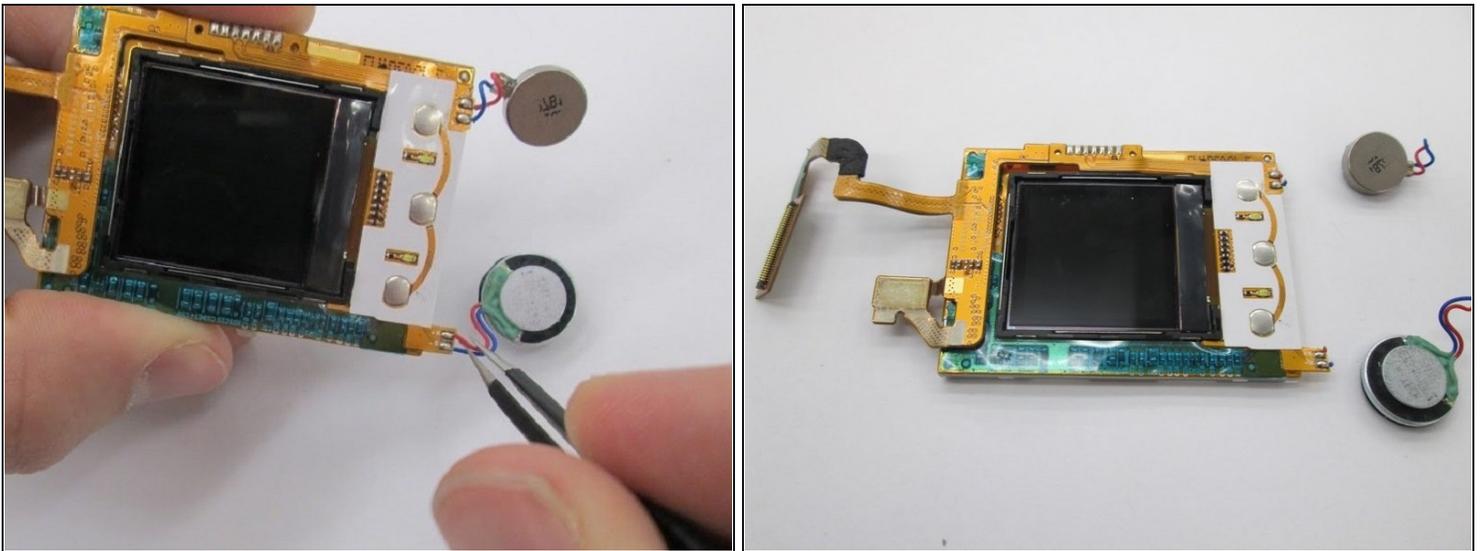
⚠ Make sure the right side of the hinge is removed first and not the left as you will likely damage the ribbon connection.

Step 12



- Locate the two speakers. Using a spudger disconnect the speakers from the assembly.
- Lift the screen assembly from the casing.
- ⓘ The screen assembly is completely removed to allow for easier access to the speaker connections when performing further repairs on the speakers.

Step 13 — Speakers



- Use a pair of [tweezers](#) to disconnect the speaker wires from the circuit board. Note that the soldered connection must be broken for this to occur.

To reassemble your device, re-solder the speaker wires to the circuit board and follow the rest of the instructions in reverse order.