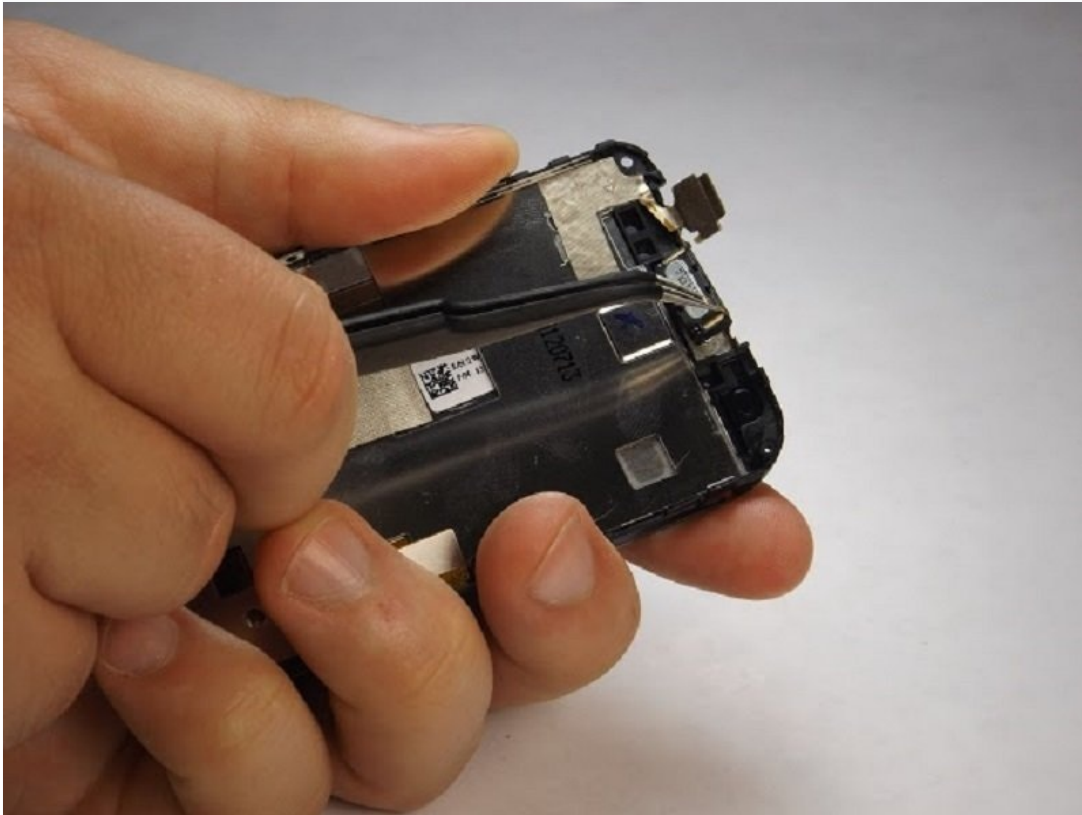




HTC Freestyle Speaker Replacement

If the sound quality has diminished in quality...

Written By: Cody Haynes



INTRODUCTION

If the sound quality has diminished in quality or does not emit sound at all, this guide will allow you to replace the speaker.

TOOLS:

[iFixit Opening Tool](#) (1)

[Phillips #00 Screwdriver](#) (1)

[T5 Torx Screwdriver](#) (1)

[Tweezers](#) (1)

Step 1 — Remove back cover



- Apply pressure to the dark plastic casing and slide the casing downward, off of the phone.

Step 2 — Open plastic flap.



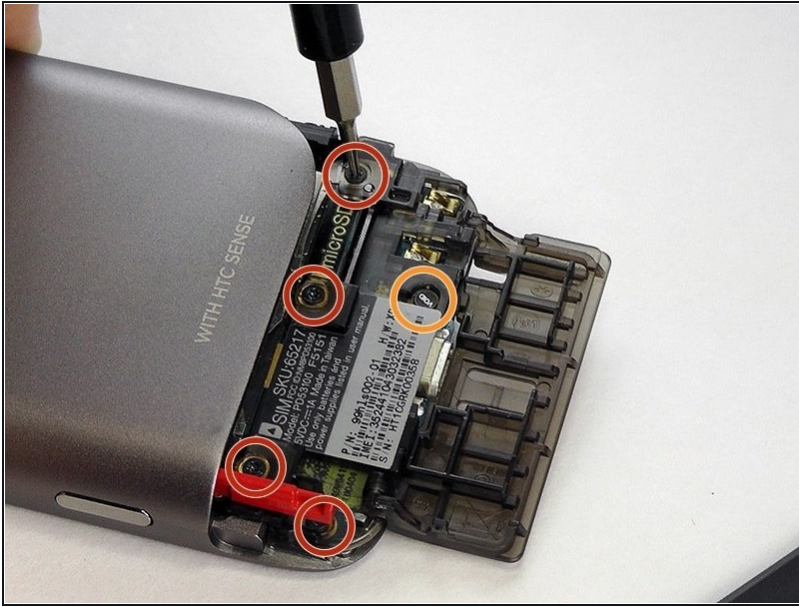
- Fold the plastic flap open.

Step 3 — Reveal the battery



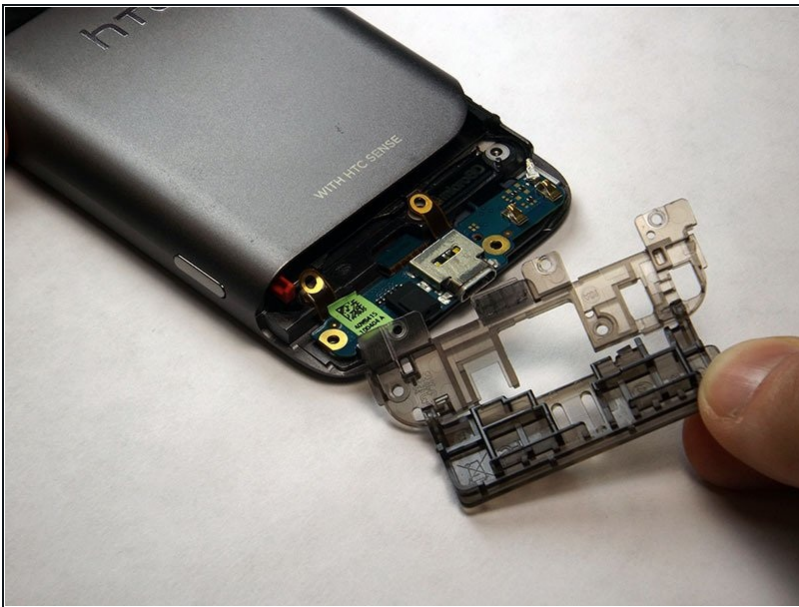
- Pull on the red tab to slide the battery out.
- Take out the battery.
- Replace with new battery.

Step 4 — Remove screws from plastic flap



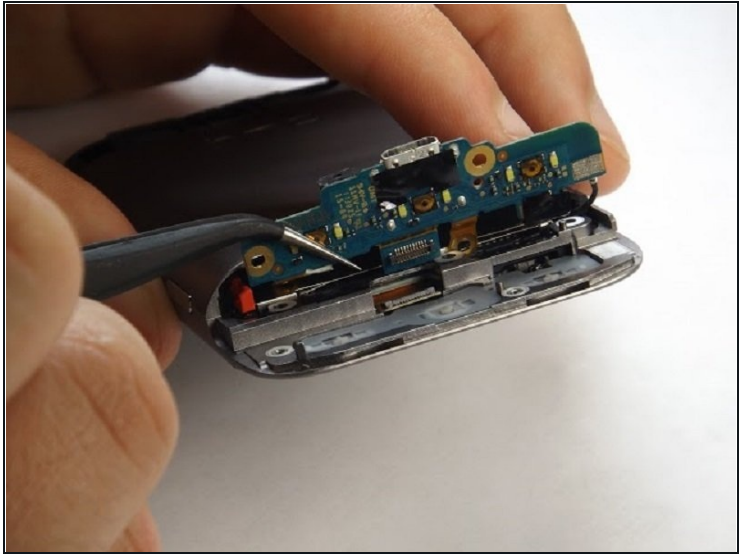
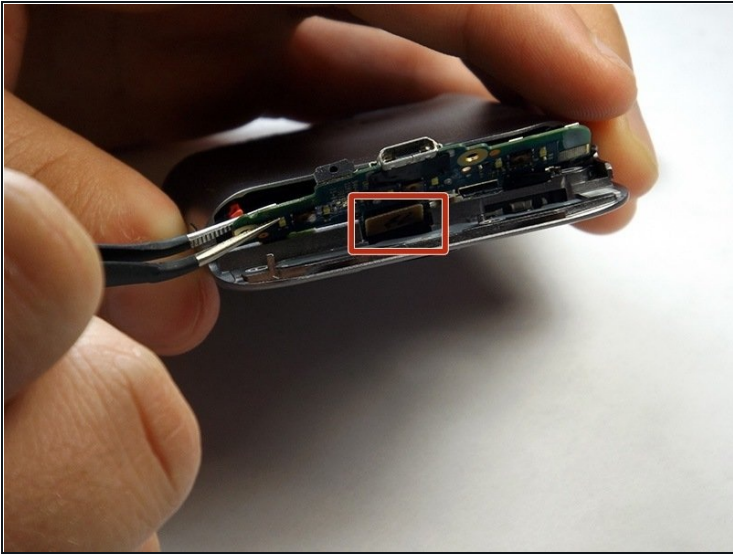
- Use a T5 Torx screwdriver to remove the five screws anchoring the plastic flap to the phone.
- ⓘ One of the five screws may be hidden beneath a "Void" sticker to the right of the serial label.

Step 5 — Remove plastic flap from phone



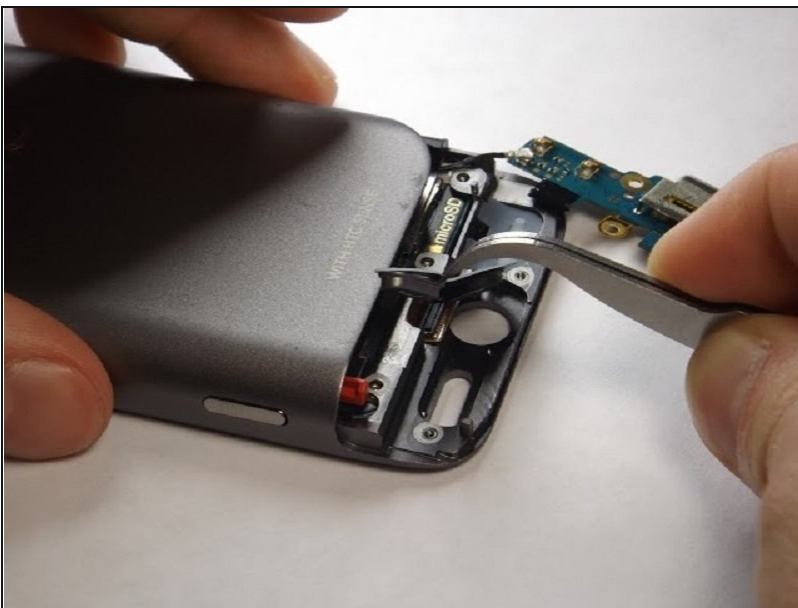
- Once the screws are removed from the plastic flap, the piece should easily come out.

Step 6 — Remove circuiting panel



- After the screws are removed, fold circuit panel upwards, exposing the phone's primary buttons.
- In order to remove the circuit board you must disconnect the labeled component.

Step 7 — Remove primary buttons



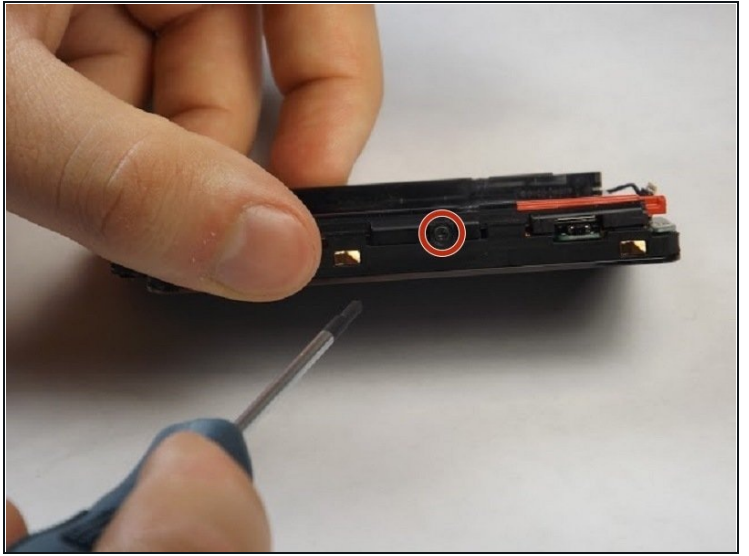
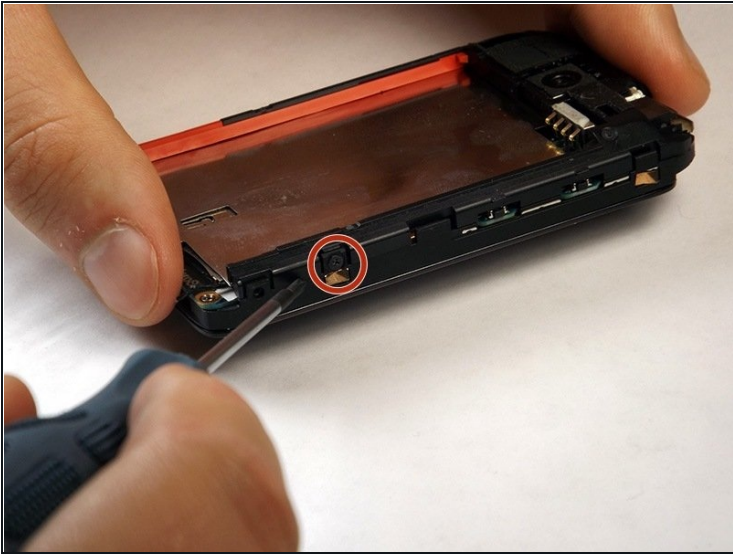
- Once the back side of the buttons are exposed, they will fall out either by punching them out from the front side, or by using [tweezers](#) to pull them out of the back.

Step 8 — Separate phone housing from electrical components



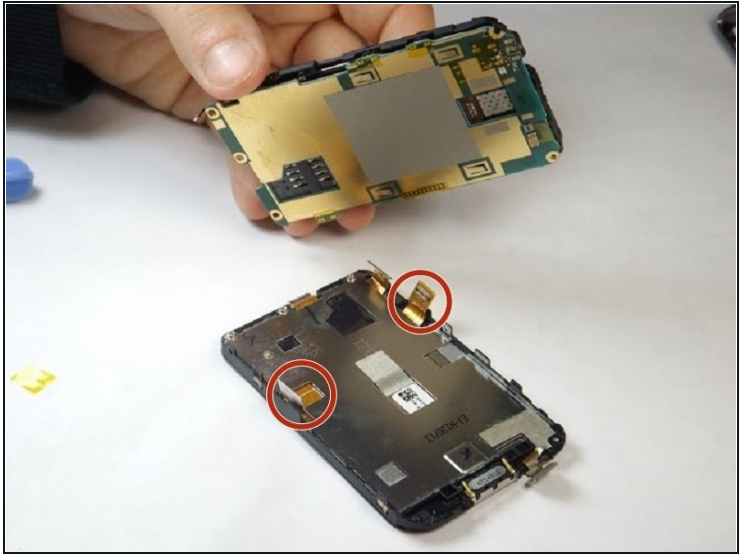
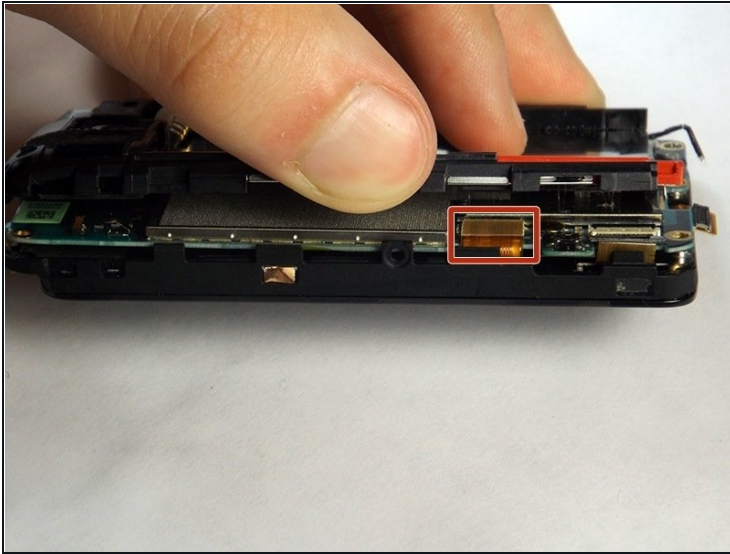
- Rotate your HTC Freestyle so that the main screen is facing upward and toward you.
- Use a plastic opening tool to pry the screen and electronic internals apart from the main phone housing.

Step 9 — Remove screws from internal component



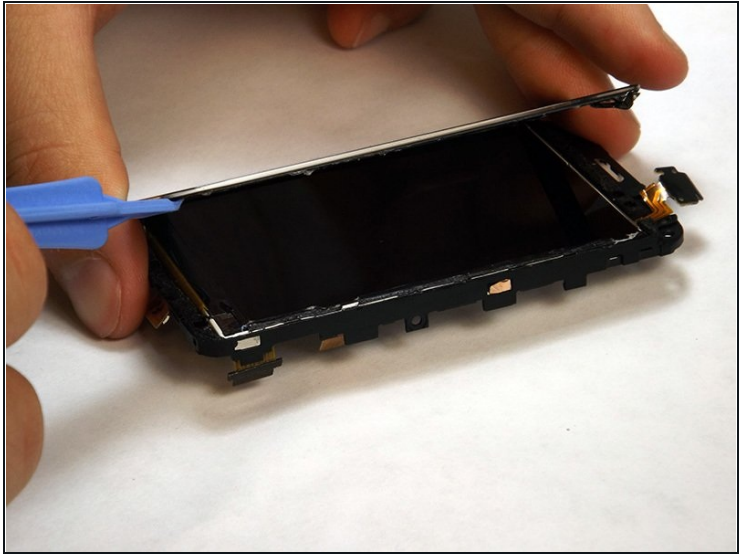
- Orient the component so that the battery compartment and camera are facing upwards.
- Use the #00 Phillips screwdriver to remove the exterior screws that are holding the piece together.
 - ① There should be screws on both lateral sides of the phone as well as one screw in the top corner to the right of the camera

Step 10 — Separate the internal component into two halves



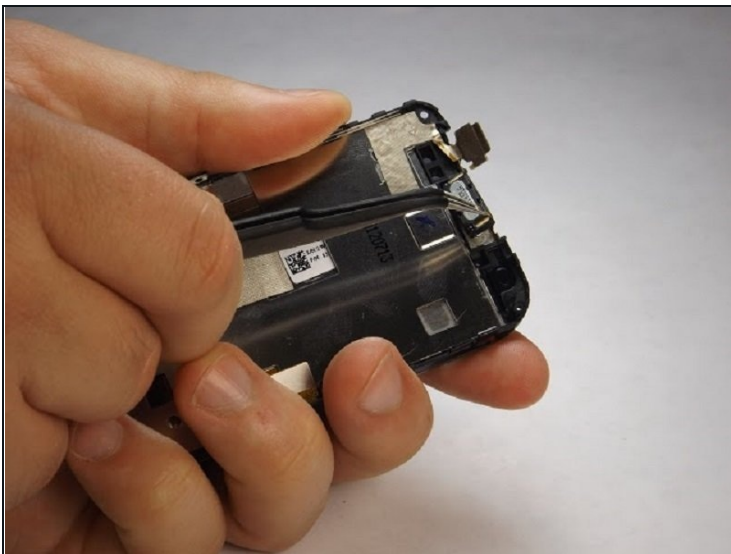
- Once the screws are removed, the motherboard can be separated from the other components after prying open the gold-colored clamps hidden underneath the battery compartment.
- Rotate the phone 180 degrees and pry the second clamp that is located on the other side of the component.
- The motherboard will then easily be removed from the rest.

Step 11 — Pry the screen from the front of the phone



- Once the screen and motherboard are separated, use a plastic opening tool to pry along the edges of the touchscreen. **Note, the use of a heat gun/heating element will help loosen the adhesive from behind the screen to make prying less physically straining.
- The screen should now be fully removed.

Step 12 — Locate and remove speaker



- The speaker should still be attached to the front of the phone, so push the speaker from the front, or use metal [tweezers](#) to grab and remove through the backside of the screen.

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