



Asus ZenFone 2 Battery Replacement

If your battery is defective, this replacement guide will allow you to replace the battery of your Asus ZenFone 2.

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INTRODUCTION

If you need to replace the battery of your Asus ZenFone 2, follow this guide. Replacing the battery will require a good amount of work and time. Before you are able to get to the battery, you will first have to remove the bottom antennae.



TOOLS:

- [64 Bit Driver Kit](#) (1)
- [iFixit Opening Tools](#) (1)
- [Metal Spudger](#) (1)



PARTS:

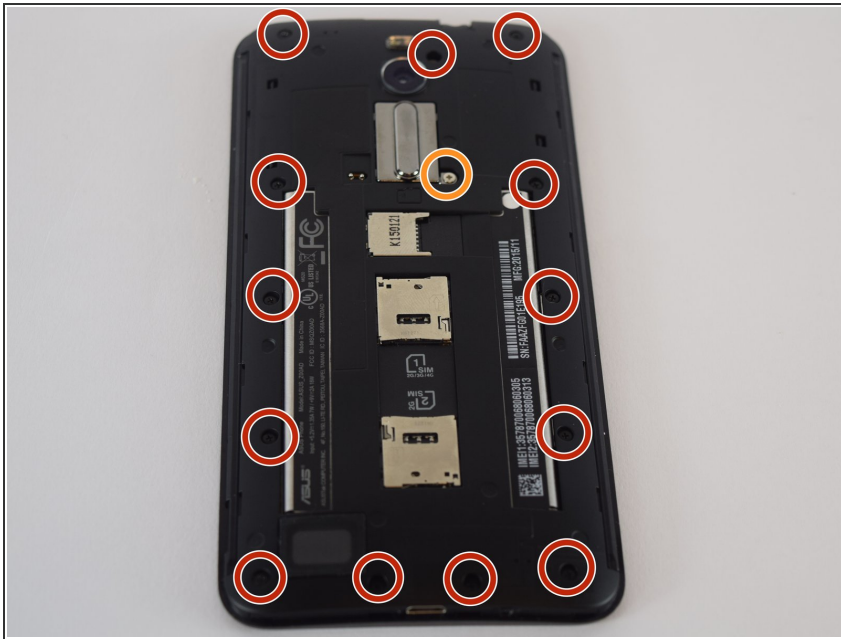
- [Asus Zenfone 2 Replacement Battery](#) (1)

Step 1 — Removing the Back Cover



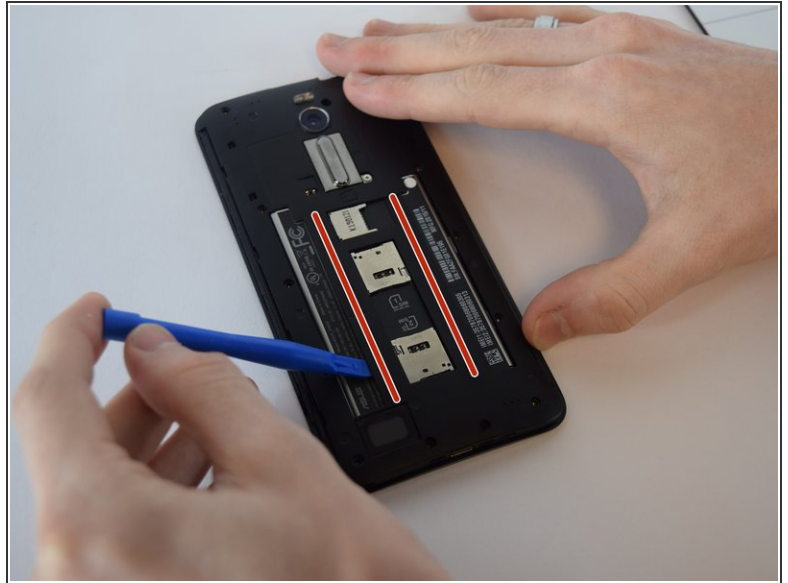
- Use your fingernail to gently pry off the phone's back cover at the indicated location. While your fingernail is under the back cover slide your finger around the edges of the phone until the cover pops off.

Step 2 — Remove the Inner Cover Screws



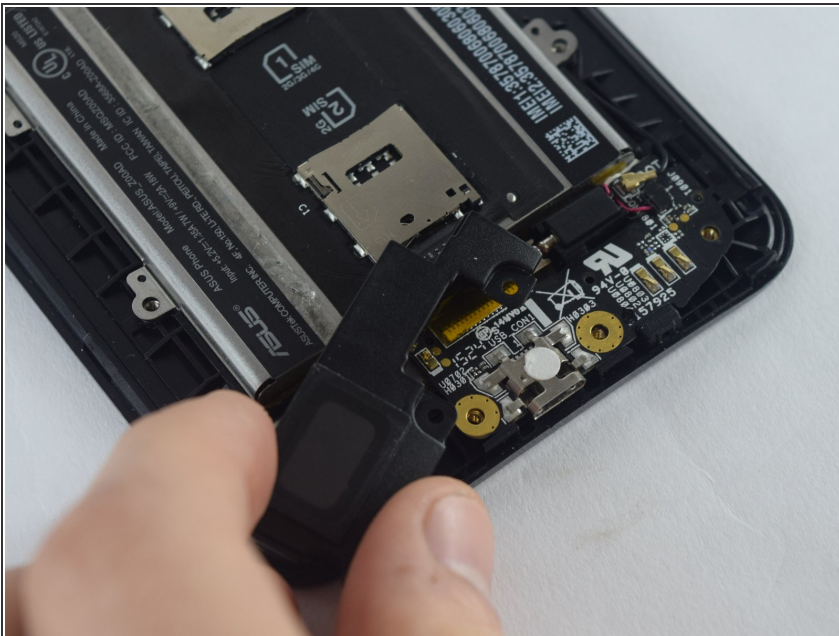
- Remove the thirteen black screws and the single silver screw from the back of the phone with a JIS size 00 screwdriver.
 - The black screws are 2.8 mm in length.
 - The silver screw is 5.5 mm in length.
- ⓘ The black screw next to the camera and the flash is covered by a sticker. This screw can be easily removed as if there were no sticker on top of it. The point of the screwdriver should be able to pierce through the sticker easily.

Step 3 — Remove the Inner Cover



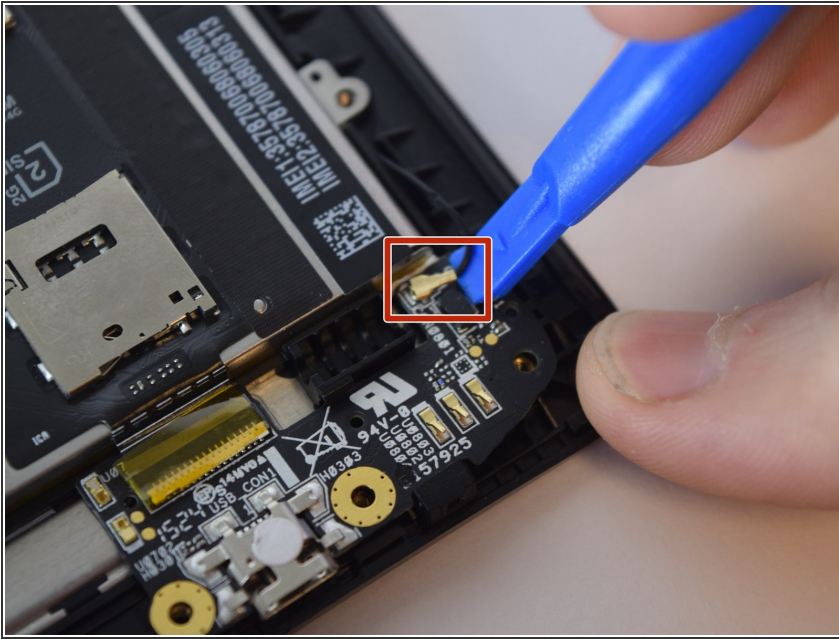
- Use a plastic opening tool to remove the inner phone backing.
- ❗ The parts of the inner backing held down by two strips of double sided tape can be easily loosened by inserting the plastic opening tool underneath it and gently lifting it up.

Step 4 — Remove the Speaker



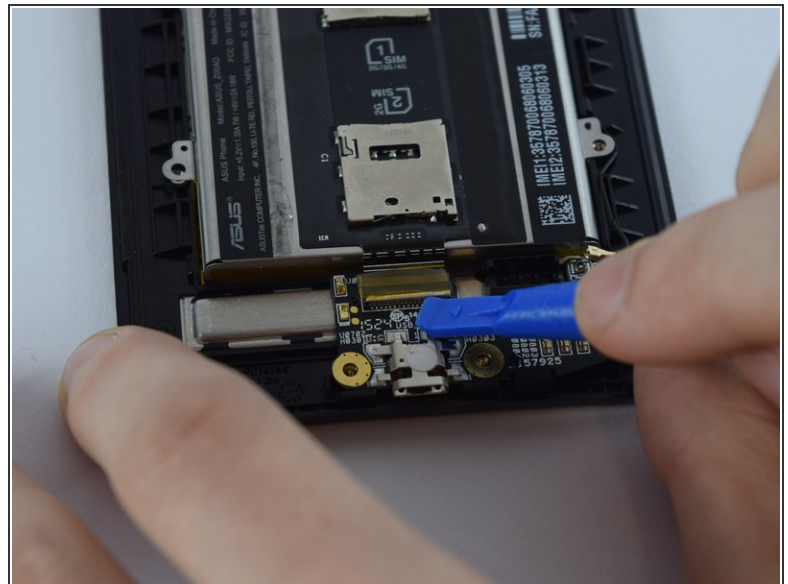
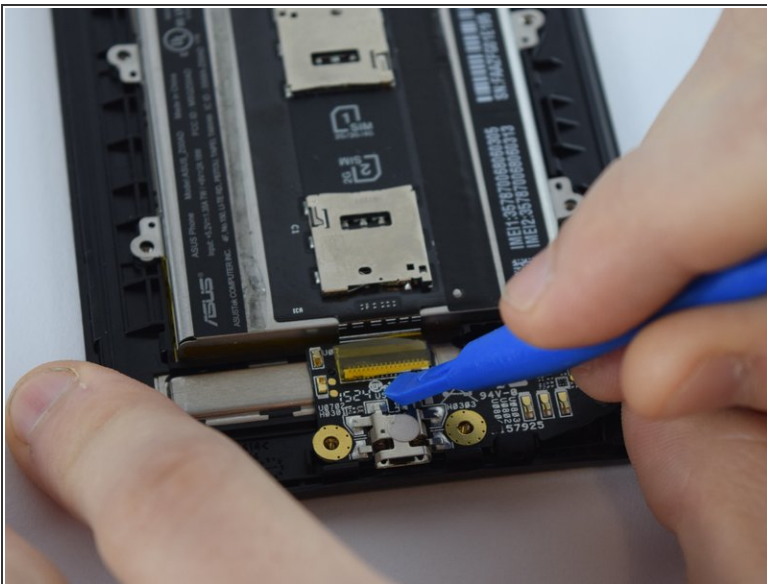
- ❗ Note the position of the speaker unit so you can replace it in the correct place during reassembly.
- Take the speaker out of the back of the phone. It should come out easily as soon as the inner back is removed because nothing is holding it down in place anymore.

Step 5 — Battery



- Use a plastic prying tool to carefully detach the bottom part of the antenna.
- ⚠ The antenna can be easily bent out of shape. Be sure to lift from underneath the cable as shown.

Step 6



- Using the plastic opening tool, unlock the ribbon cable indicated in the picture by prying up the yellow tab.

Step 7



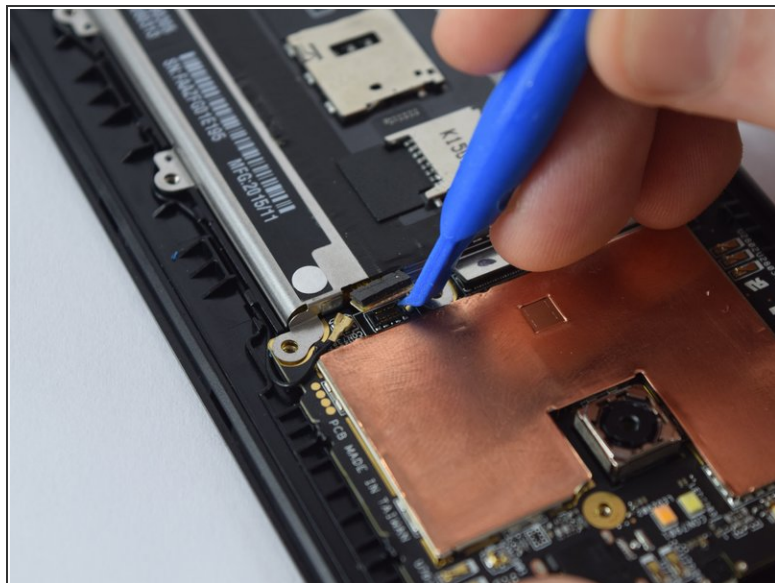
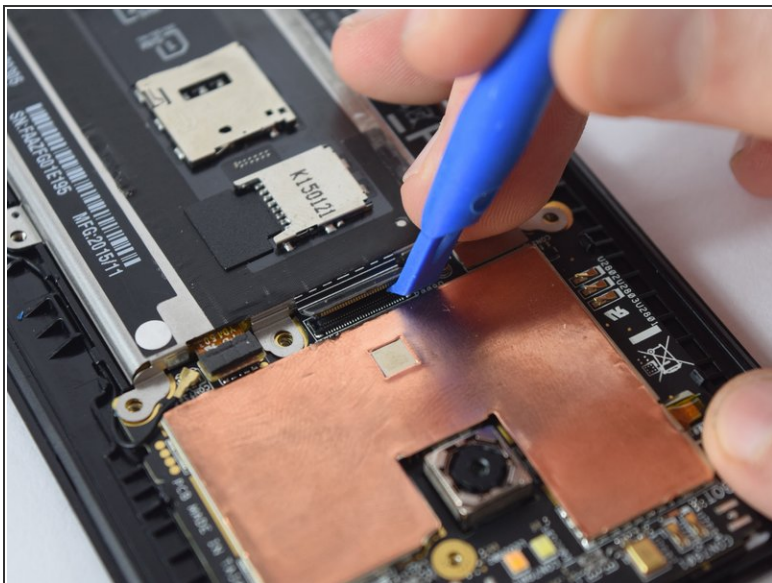
- Using a plastic opening tool, remove the vibration motor from its housing.

Step 8



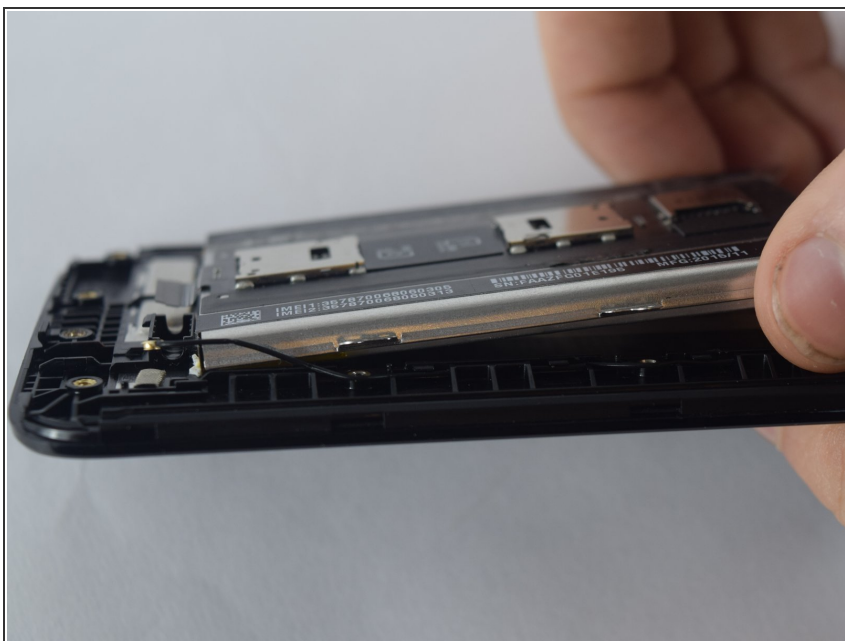
- Gently remove the board from the phone using your hand.

Step 9



- Using the plastic opening tool, gently pry the ribbon cables up as indicated in the pictures.

Step 10



- Carefully remove the battery pack from the phone using your hand.

⚠ There are fragile tabs on the left and right side of the battery, be careful not to break them off.

Step 11



- Carefully insert the metal spudger between the battery and its metal housing and then slowly pry the two apart.
 - ⚠ Be careful when prying the two apart as to not bend the outer edges of the metal housing because this will make it a lot more difficult to put it back into the phone.

Put in a new battery and then reassemble your device by following these instructions in reverse order.