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INTRODUCTION

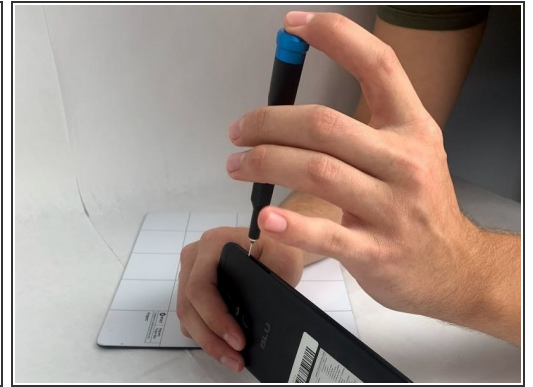
The audio from your phone originates from the speaker. This guide shows you how to remove and replace the speaker safely. If the speaker is not performing to your standards, you can replace it using this guide. This process is somewhat difficult compared to previous models but with the right tools can be replaced.



TOOLS:

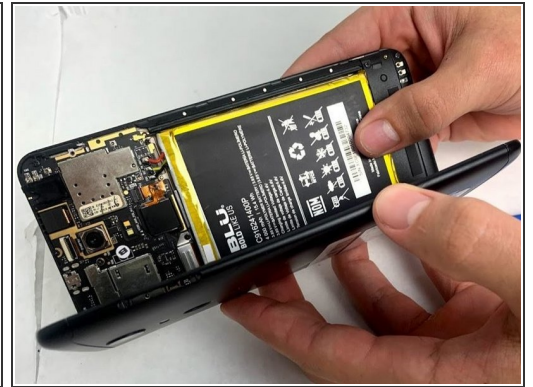
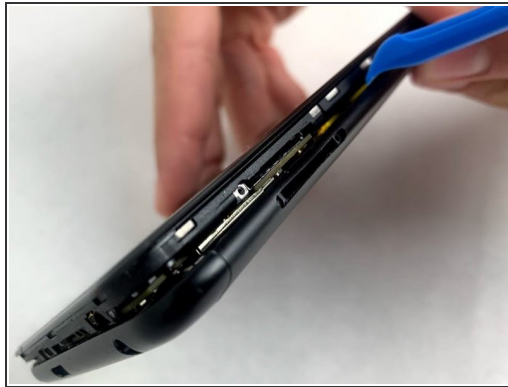
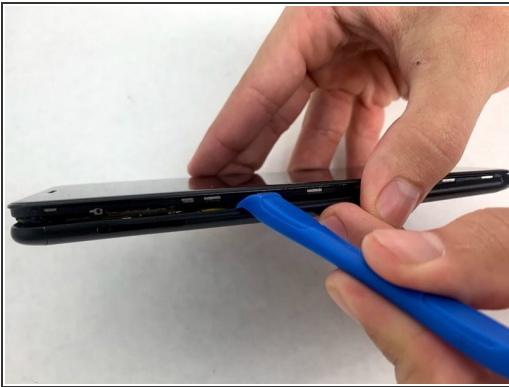
- [SIM Card Eject Tool](#) (1)
- [iFixit Opening Tools](#) (1)
- [Phillips #000 Screwdriver](#) (1)
- [iFixit Opening Picks set of 6](#) (1)
- [Spudger](#) (1)
- [Soldering Iron](#) (1)
- [Tweezers](#) (1)

Step 1 — Battery



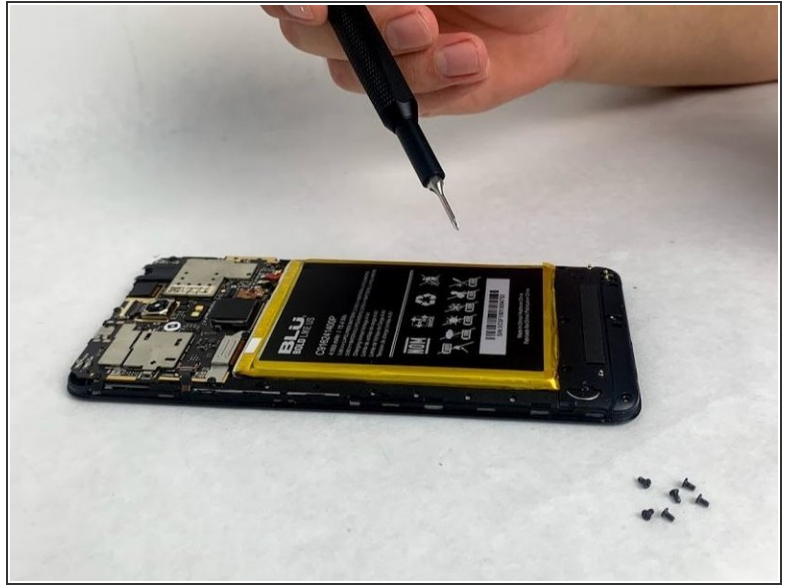
- Use the [SIM Card Eject Tool](#) to remove the SIM card slot from the phone.
- Using a [Phillips 000 screwdriver](#), remove the 1.5 mm metal screw located inside the SIM card slot gap.

Step 2



- Use the [plastic opening tool](#) and run it under the entire seam that separates the screen and the plastic back of the phone.
- Lodge the [plastic opening tool](#) under the back cover and use it to pry the two parts apart slowly.
- This step will take a decent amount of force and it may seem as though the device will fracture, but you must keep pulling until the back releases.

Step 3



- Using a [Phillips 000 screwdriver](#), remove the 14 1.5 mm screws that attach the plastic protection cover to the phone.
- Removing the screws will cause a silver metal bracket by the top left corner of the battery to fall off. Keep track of it for later.

Step 4



- After removing the screws, the bottom plastic cover will need to be removed to expose the rest of the phone's interior.
- The plastic cover should come off easily using your fingers, but you may need the [spudger](#) or an [opening pick](#) to remove it.
- Remove the cover by its sides to ensure the removal is as easy as possible.

Step 5



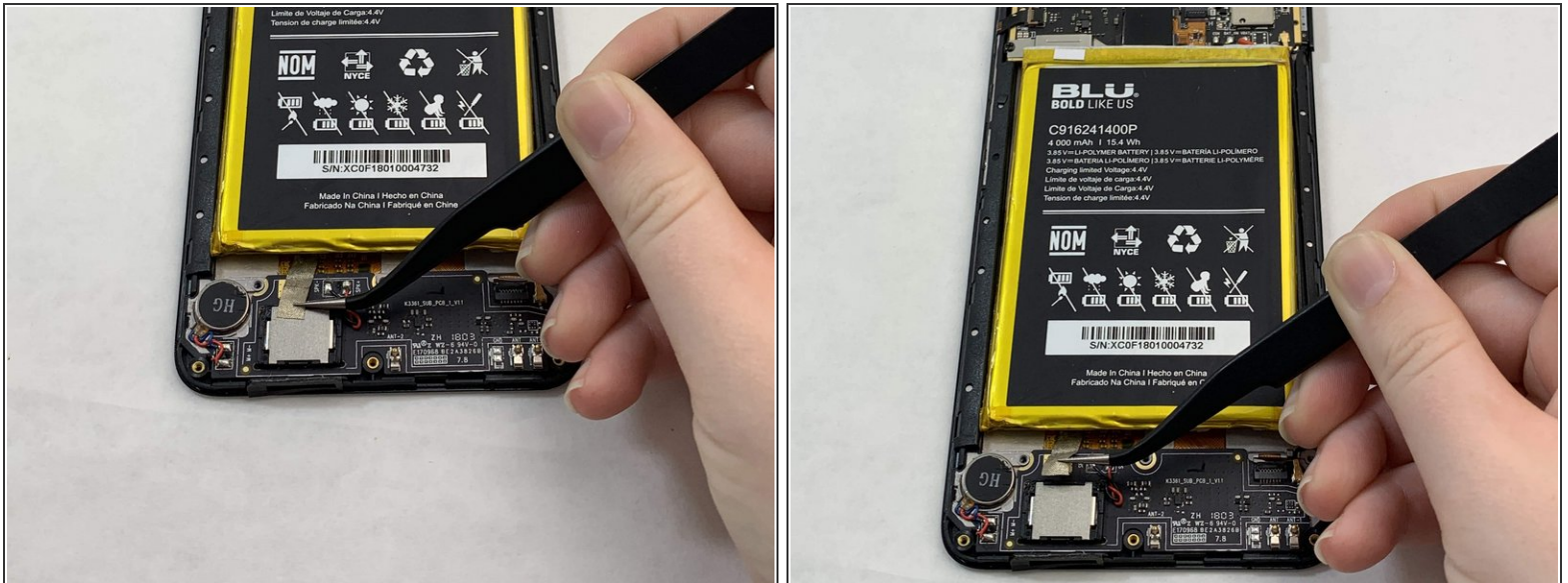
- Remove the two blue strips of tape on the lower portion of the battery.
- After removing the blue strips of tape gently begin wedging the plastic picks underneath the battery and locating the adhesive tape strips.
- Utilize the [picks](#) in a fashion that both pries the battery upward and scrapes the adhesive either loose from the battery or phone body. Be careful not to bend or damage the battery and it should eventually come free from the housing.

Step 6



- Desolder the three wires (red, yellow, black) that connect the battery to the motherboard in the top right-hand corner. Use the link listed to safely desolder your battery. [Video link to desolder.](#)
- ① You can also read the [How to Solder and Desolder Connections guide](#) for more information on soldering connections.

Step 7 — Speaker



- Use the [tweezers](#) to remove metallic tape on the metal speaker housing.
- Set tape aside so it can be reattached later.

Step 8



- Remove the rubber protective covering from the side of the speaker using the [tweezers](#).

Step 9



- Use the [tweezers](#) to remove the metal speaker housing from the phone. Set aside for later.
- Wedge the tweezers in bottom right hand corner of the speaker and pry it up to remove it from the adhesive.

Step 10



- De-solder the wires from the bottom sub-frame and the speaker. Use the [link](#) listed to safely de-solder the speaker.

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