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INTRODUCTION

Follow this guide if you need to replace the battery of your Asus ZenFone 5.

The battery is one of the most important parts of the phone and often needs replacement. A battery that needs to be replaced will often lose charging ability and charge retention, and the phone will often overheat if the battery is worn out.

This guide shows the use of metal tools in close vicinity to the battery. Choose to use plastic, ESD-safe tools for the opening procedure in order to greatly reduce the risk of a battery puncture.




TOOLS:

- [iFixit iOpener](#) (1)
 - [Spudger](#) (1)
 - [Jimmy](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Tweezers - Pro/ESD/Angled](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Battery



- Heat up the iOpener in the microwave for 30 seconds.

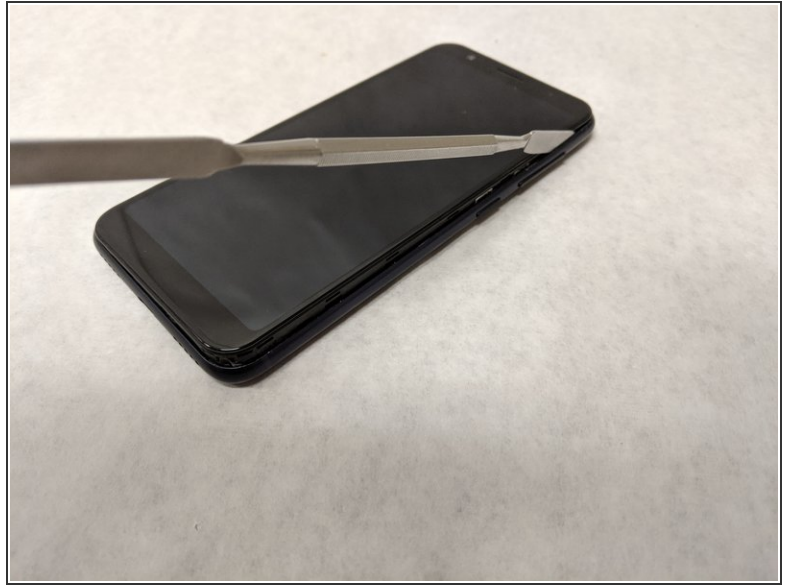
 Caution: when the iOpener is heated up, hold it by the sides to prevent bodily harm.

Step 2



- Place the iOpener on the side of the phone until the iOpener gets cool (approximately 10-15 minutes).
- Reheat the iOpener and reapply it to the other side of the phone.

Step 3



- Gently slide the jimmy along the edges of the phone to break the adhesive.
- Use opening picks and the opening tool to pry the back cover off.
- ⚠ The use of metal tools as shown in the photos is potentially dangerous as the battery is exposed along the edges of the case and risk of puncture is high. Choose an ESD safe tool instead.
- ℹ There are 6 different tabs on each side of the phone that might take force to get apart.
- Repeat the heating and prying process until the back cover can be fully removed.

Step 4



- Use the #00 phillips head to take out the six phillips #00 3.175mm screws on the top cover plate.
- Use the spudger to release the clasps along the edge of the top plate.

Step 5



- Disconnect the press fit connector located near the upper right corner of the battery to disengage the battery from the motherboard.

Step 6



- Use the same screwdriver to remove the five phillips #00 3.96mm screws along the bottom plate.
- Use the spudger to pry the bottom plate off.

Step 7



- Pull on the two black tabs on the bottom of the battery until the battery is released.
- Gently pull the battery out of its socket.

To put the battery back in, replace the orange tab on the top of the battery on its socket.