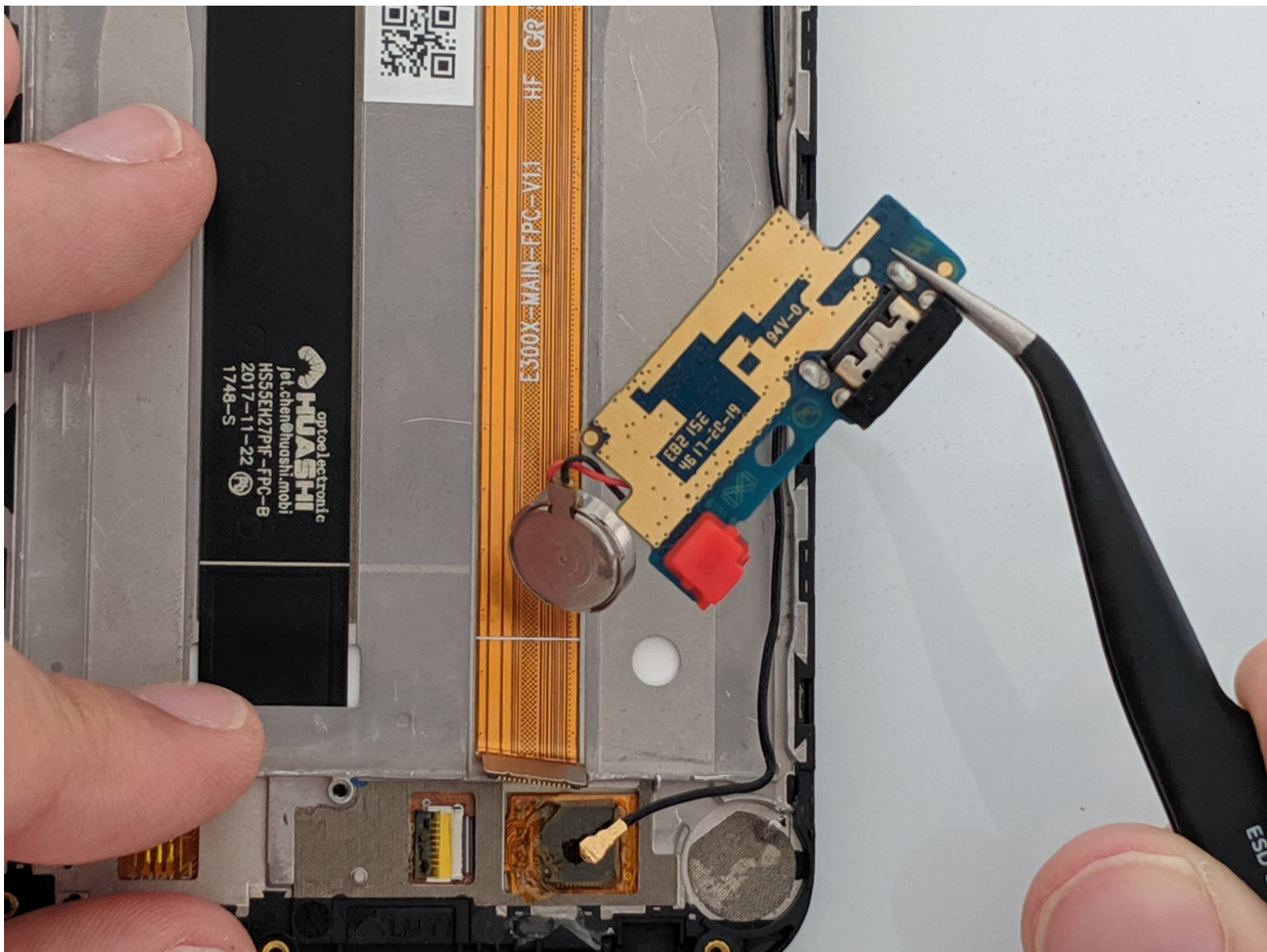




Asus ZenFone 5 Charging Port Replacement

This guide will show how to replace the charging port on the ZenFone 5.

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INTRODUCTION

The charging port is located on the bottom of the phone and is required for the phone to recharge the battery. It will be obvious that the charging port needs to be replaced, as the phone will more than likely either not charge at all, or take an unusually long amount of time.

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



TOOLS:

- [Phillips #00 Screwdriver](#) (1)
 - [Tweezers - Pro/ESD/Angled](#) (1)
 - [iFixit Opening Tool](#) (1)
 - [iFixit iOpener](#) (1)
 - [Spudger](#) (1)
 - [Jimmy](#) (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.

- ⓘ 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



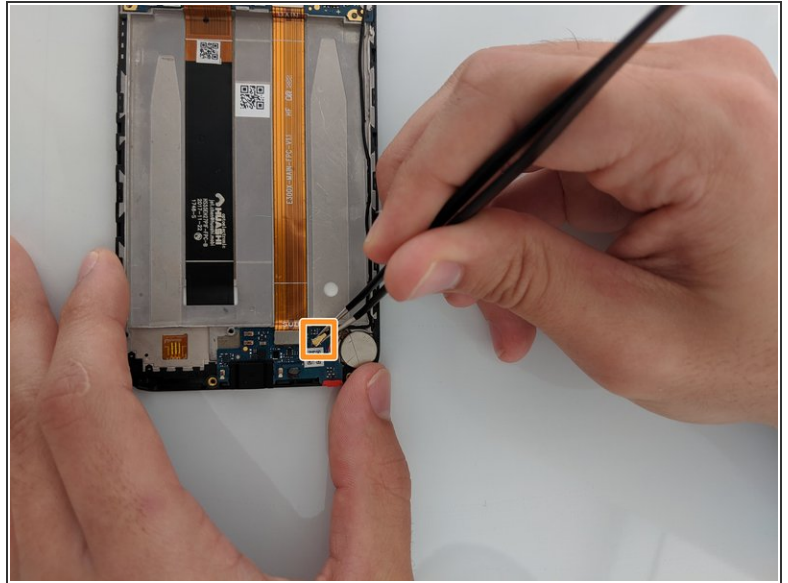
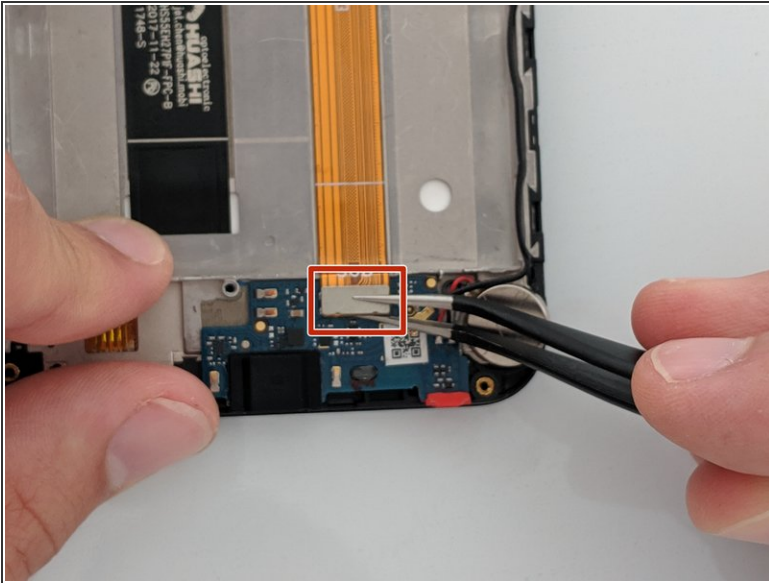
- Use the same screwdriver to remove the five phillips #00 3.96mm screws along the bottom plate.
- Use the spudger to pry the bottom plate off.

Step 7



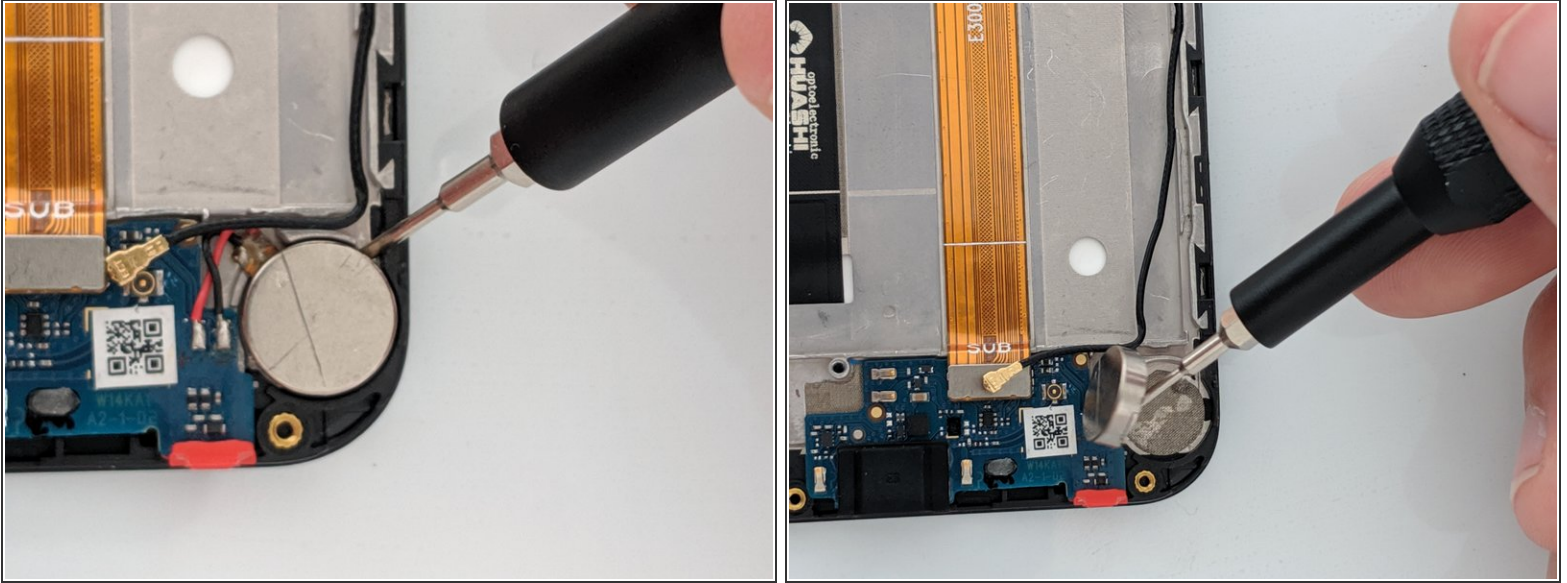
- Pull on the two black tabs on the bottom of the battery until the battery is released.
- Gently pull the battery out of its socket.

Step 8 — Charging Port



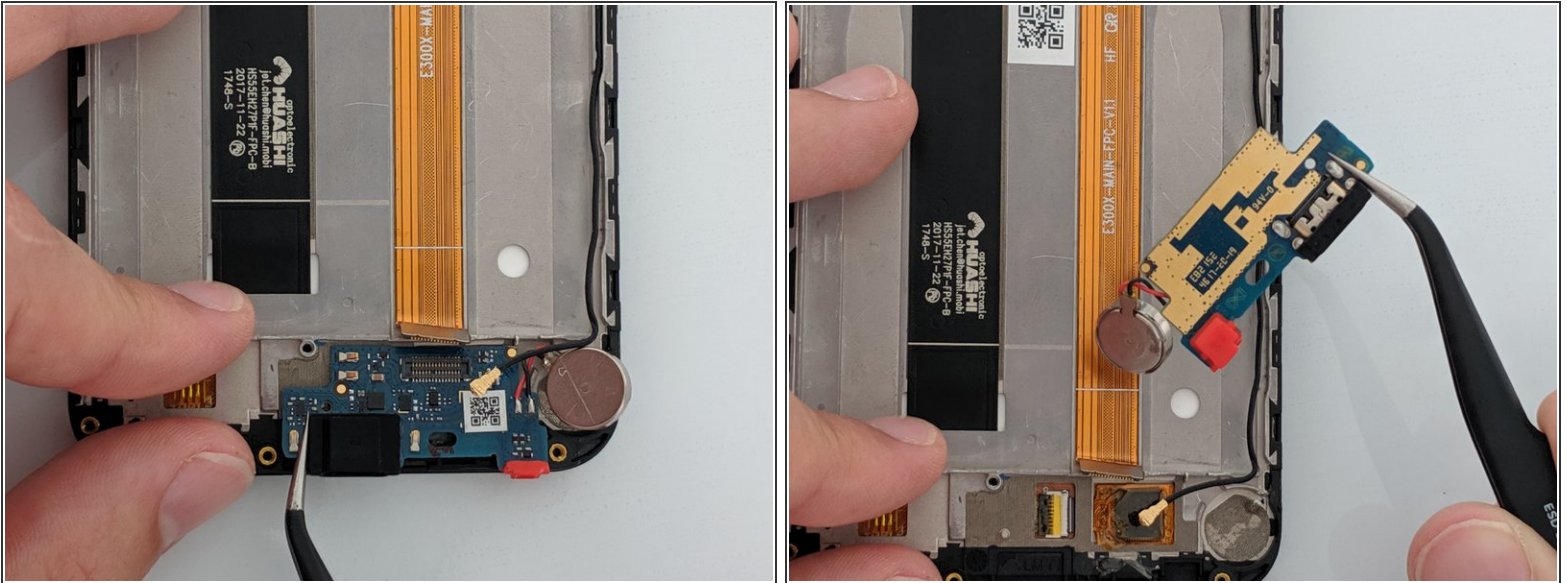
- On the bottom of the phone, lift up the silver press fit connector that is below the battery.
- Gently lift off the gold headed coaxial cable that is connected to the motherboard and pull it away from the phone.

Step 9



- Use a spudger to pry off the cell battery near where the gold headed wire was.
⚠ The use of a screwdriver as a prying tool as shown in the photos is dangerous, especially in conjunction with the battery that is being pried. Choose an ESD-safe tool instead.
- Move the cell battery off to the side so it is out of the way.
- ⓘ This removal has to be done in the small pocket near where the wire wraps around the bottom side of the battery.

Step 10



- Use the tweezers to gently pull up on the bottom of the chip that houses the charging port.

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