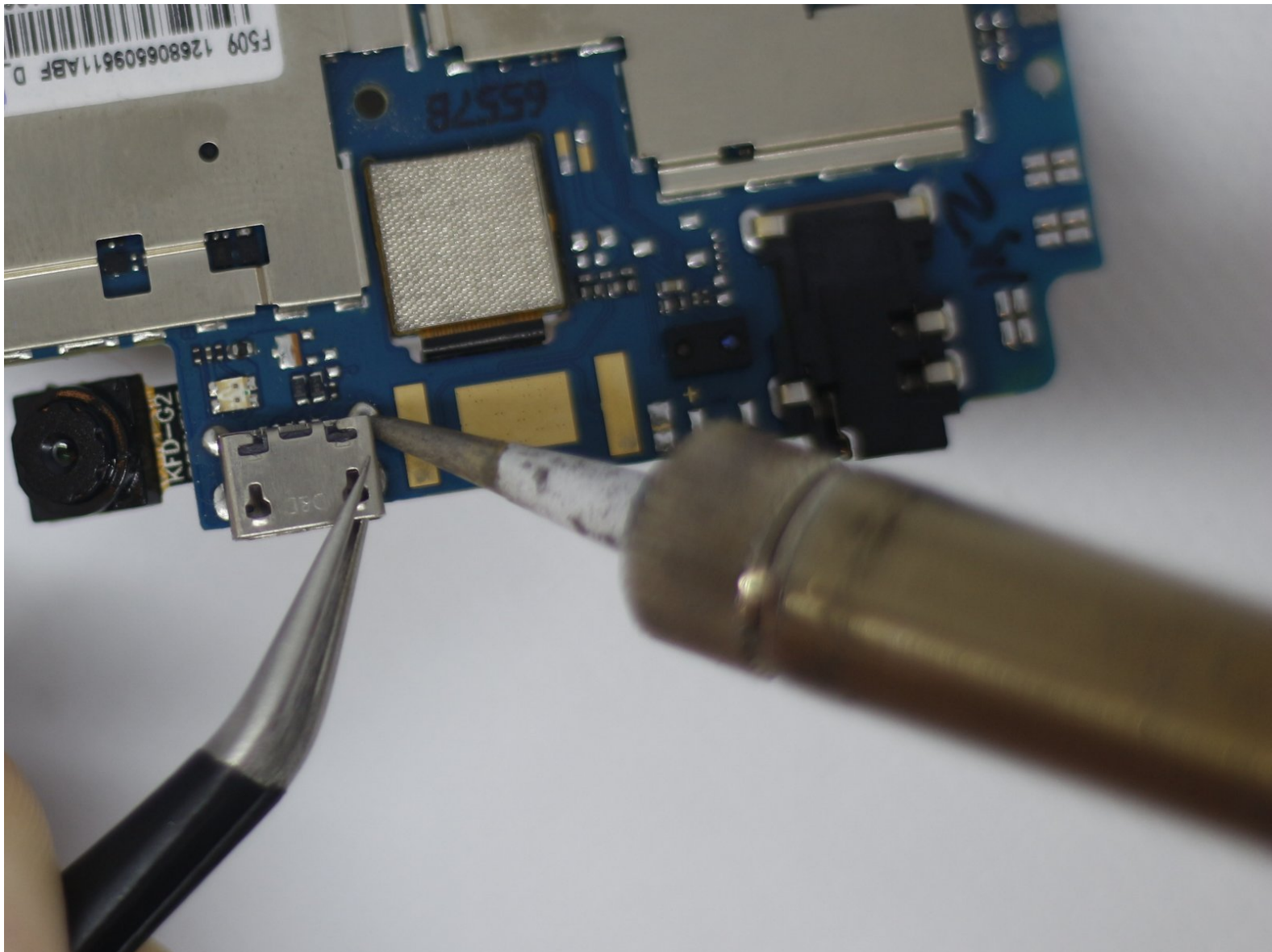




# Fusion5 5.5 Gen II Charging Port Replacement

Use this guide to replace a charging port on Fusion5 5.5 Gen II.

Written By: Anh



## INTRODUCTION

You can use this guide to replace the charging port on the Fusion5 5.5 Gen II device.

Refer to this [troubleshooting page](#) to determine if a replacement is necessary.

Before you begin, be sure to power off your device and [ground](#) yourself so that you won't unintentionally damage the device.

Because this guide involves soldering, be sure to follow these [soldering safety tips](#) to protect yourself from hazards that may ensue. If you don't know how to solder, check out this guide on "[How To Solder and Desolder Connections](#)".

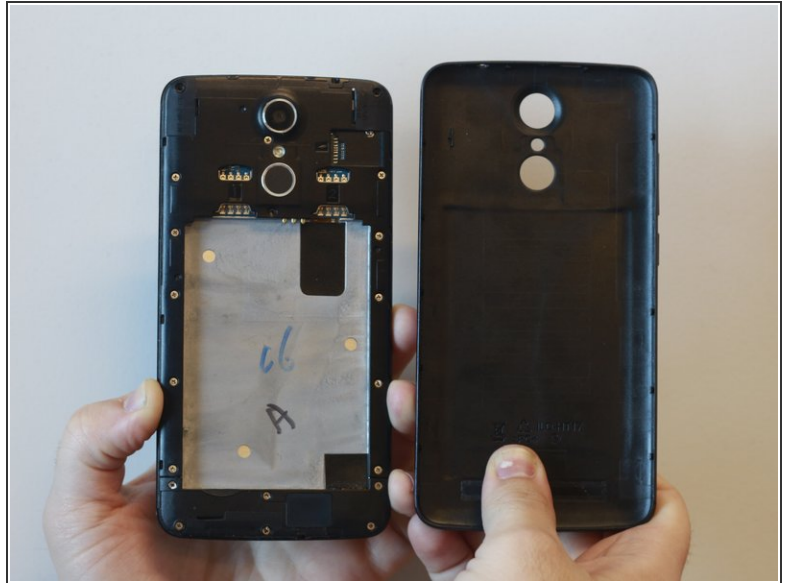
To properly dispose of any electronic waste, refer to this [EPA](#) website.



### TOOLS:

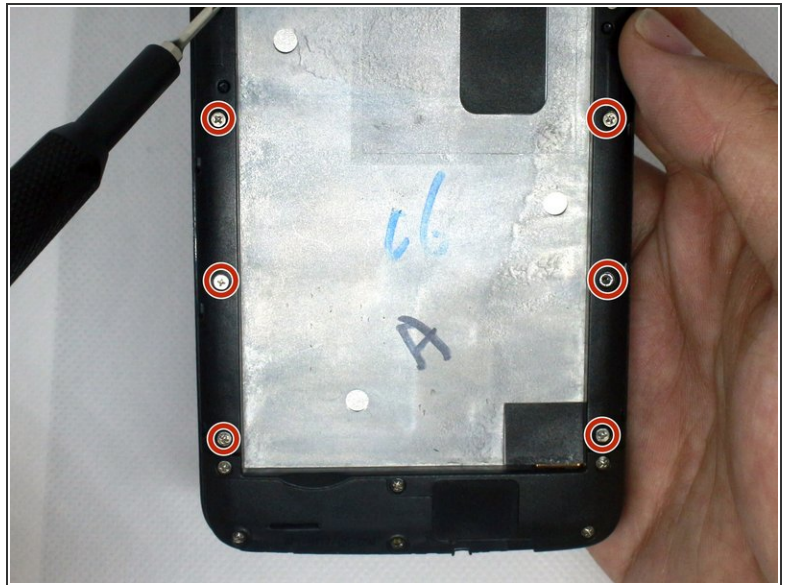
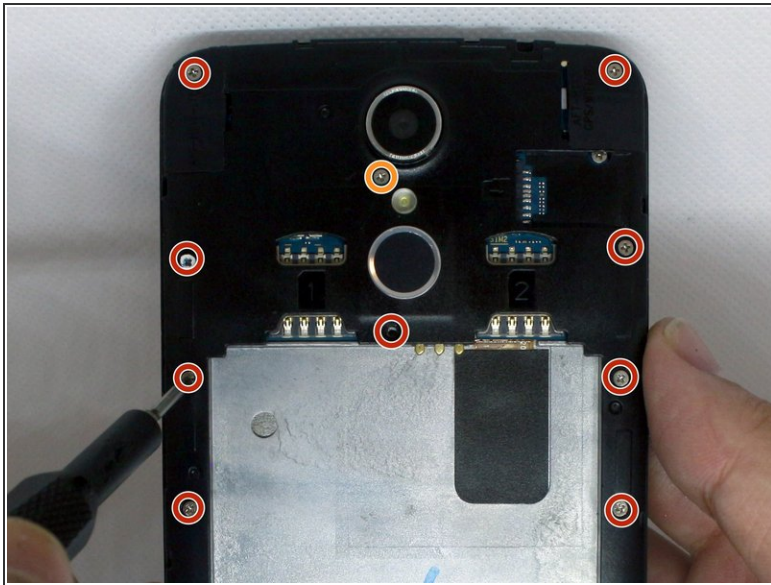
- [Phillips #00 Screwdriver](#) (1)
  - [iFixit Opening Picks set of 6](#) (1)
  - [Tweezers](#) (1)
  - [Soldering Iron](#) (1)
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## Step 1 — Back Cover



- Hold the device with the screen facing away from you and the back of the device facing you.
- Locate the groove at the bottom corner of the device.
- Begin prying the back cover of the device off from the groove and working your way around the outside edges of the device.

## Step 2 — Midframe



- Remove thirteen 3mm Phillips #00 screws from the midframe.
- Remove the single 5mm Phillips #0 screw below the camera.



### Step 3



- Using an opening pick, begin prying one of the top corners to remove the midframe from the device.

⚠ Be careful not to damage the cables inside the device when you pry the midframe off.

### Step 4 — Motherboard



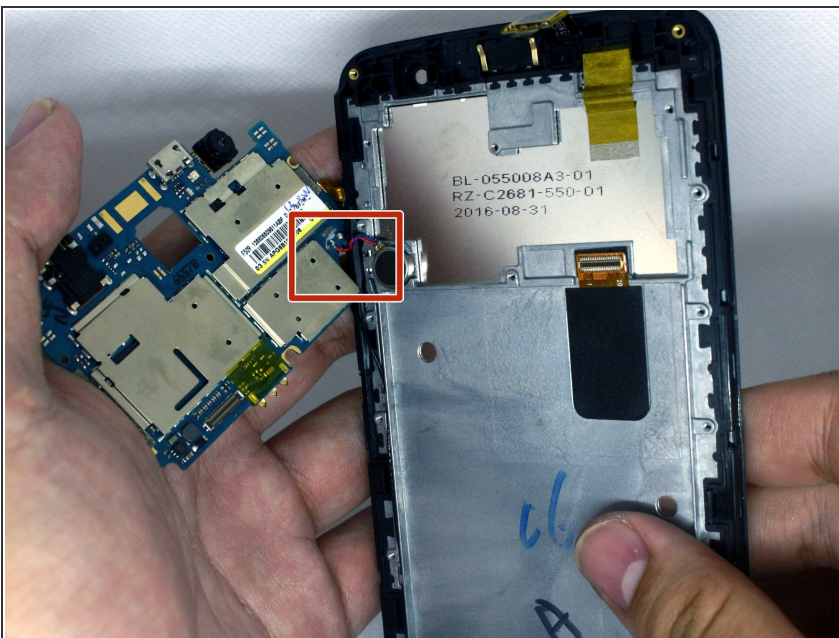
- Using tweezers, flip the brown tab securing the ribbon cable.
- ⚠ Make sure to only lift the flap and not the connector socket due to its susceptibility to break off.
- Grab the ribbon cable with the tweezers and pull it from its socket on the motherboard.

## Step 5



- Remove the two 3mm Phillips #00 screws from the motherboard.

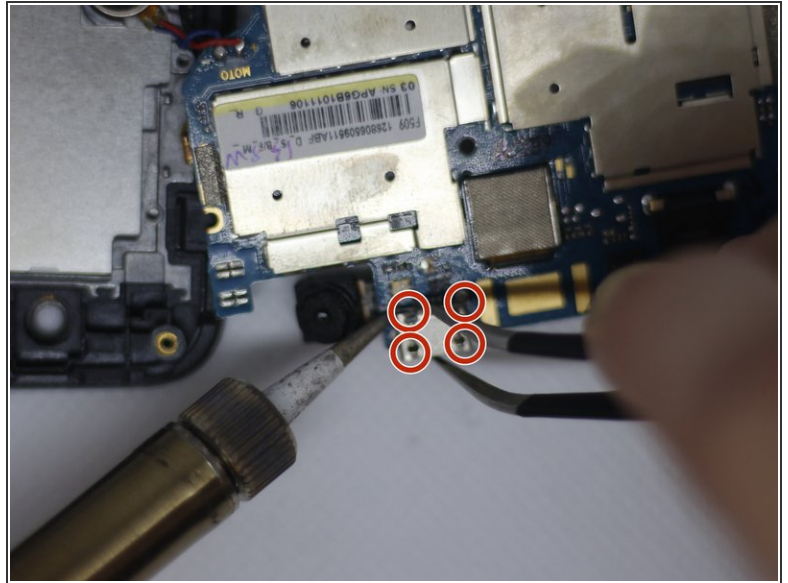
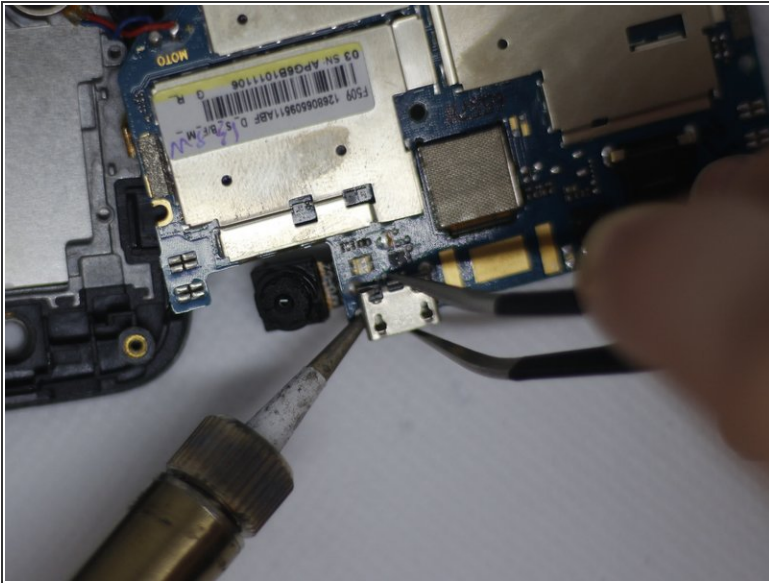
## Step 6



- Grab the motherboard from the right edges.
- Flip the motherboard to the left side of the device.
- ⚠ Be careful not to tear the cables attached to the motherboard as you flip the motherboard.
- [Desolder](#) the red and blue wires to remove the motherboard from the device.



## Step 7 — Charging Port



- Using the tweezers and soldering iron, desolder the charging port at all 4 soldering points on each corner of the charging port.
- ⚠ Be careful not to damage the front-facing camera with the solder as it lays next to the charging port.
- ⓘ The device is rotated upside down here for ease of accessibility.

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