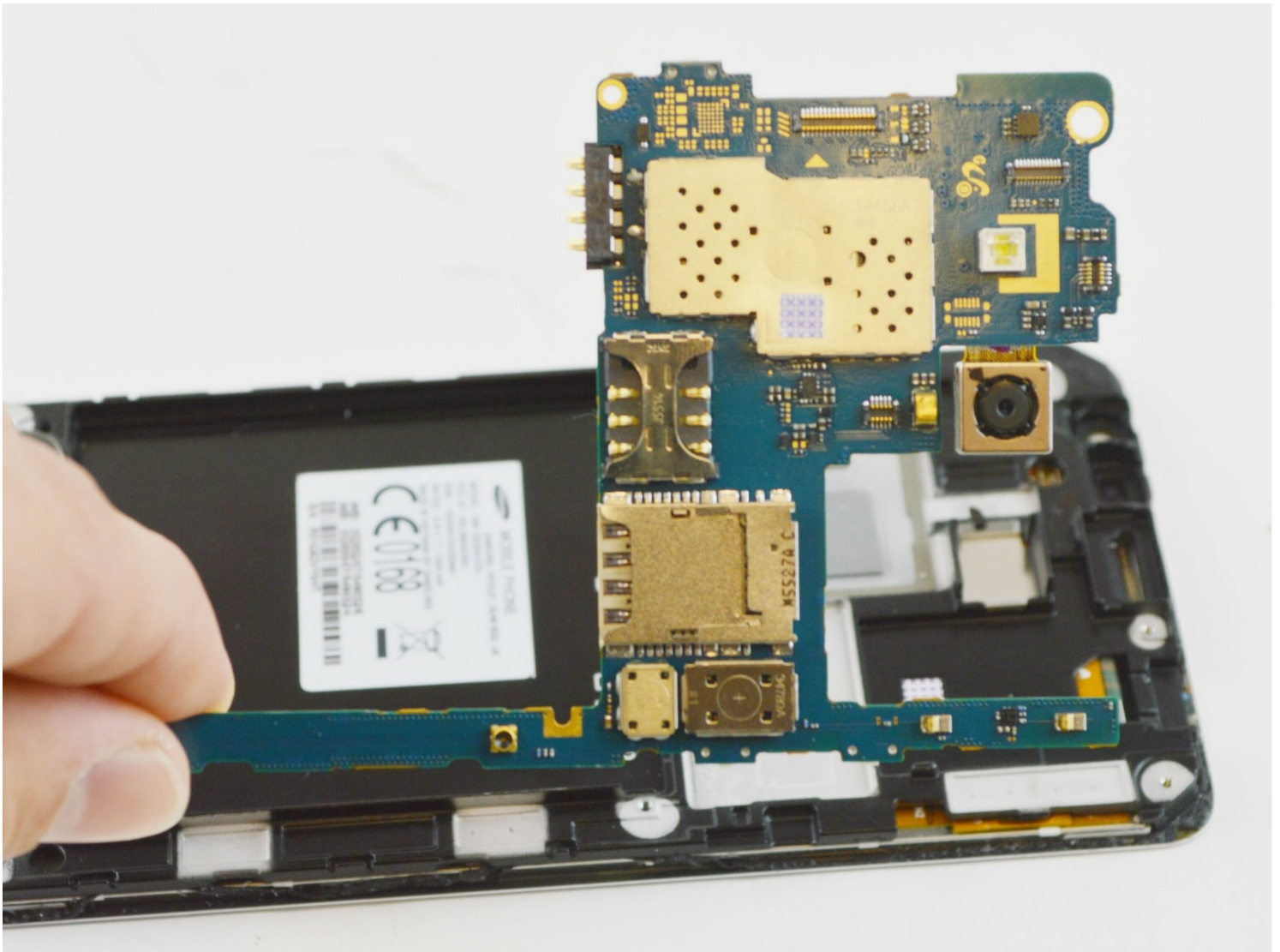




# Samsung Galaxy Grand Prime Motherboard Replacement

The goal of this guide is to demonstrate how to...

Written By: Kyle Ruff



# INTRODUCTION

The goal of this guide is to demonstrate how to replace the motherboard of a Samsung Galaxy Grand Prime. This replacement is needed if you can't find anything else wrong with your phone, but it still won't work. No special skills are required for this replacement. The successful replacement of the motherboard will ensure that the phone will be able to boot up properly if done correctly.

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## TOOLS:

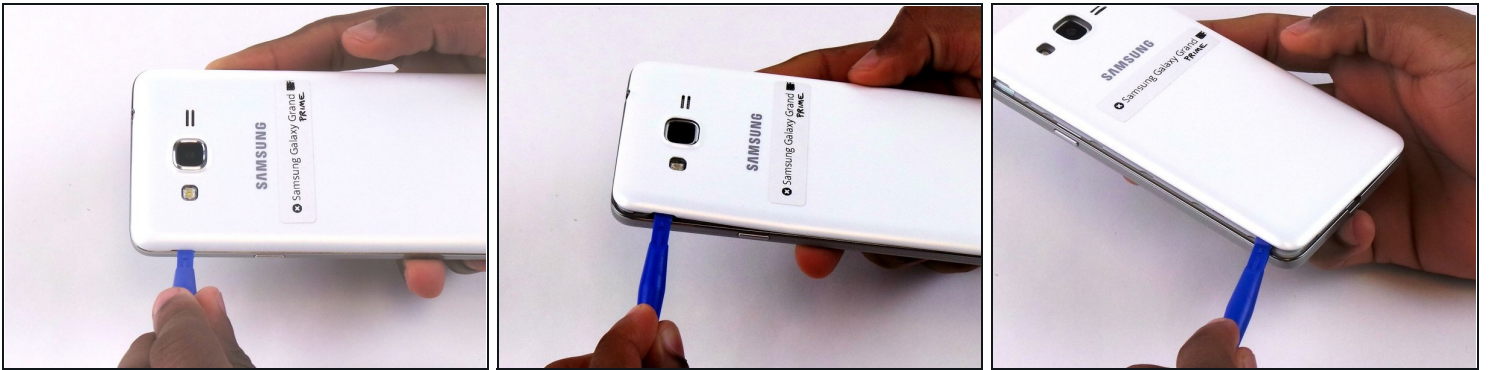
[iFixit Opening Tool](#) (1)

[Tweezers](#) (1)

[Phillips #000 Screwdriver](#) (1)

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## Step 1 — Battery



- Remove the back cover of phone by lifting up on the back cover tab with the blue plastic opening tool.
- Go around the edge of the back cover to completely remove it.

## Step 2 — Remove the battery.



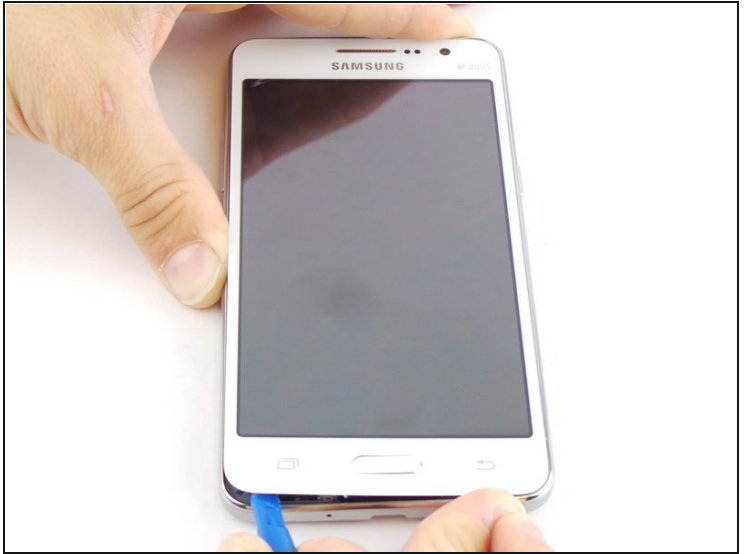
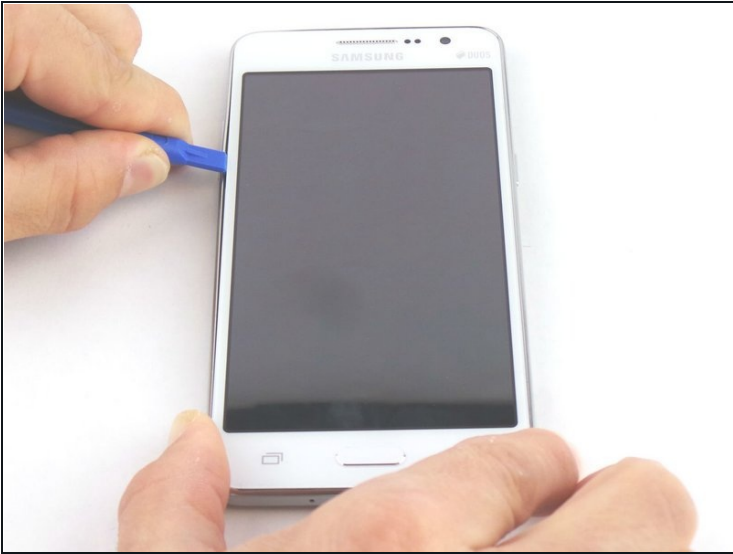
- Remove the old battery by lifting up on the thumb tab.
- Periodically clean the brass terminals on the battery and the phone. Place a minute amount of ISO on a Q-tip and gingerly clean the connections.

## Step 3 — Midframe



- Remove the nine 4mm screws from the midframe with a Phillips #000 screwdriver.

## Step 4



- Wedge the blue plastic opening tool in between the front and side panel.
- Move the blue plastic opening tool around the edges between the front and side panel.

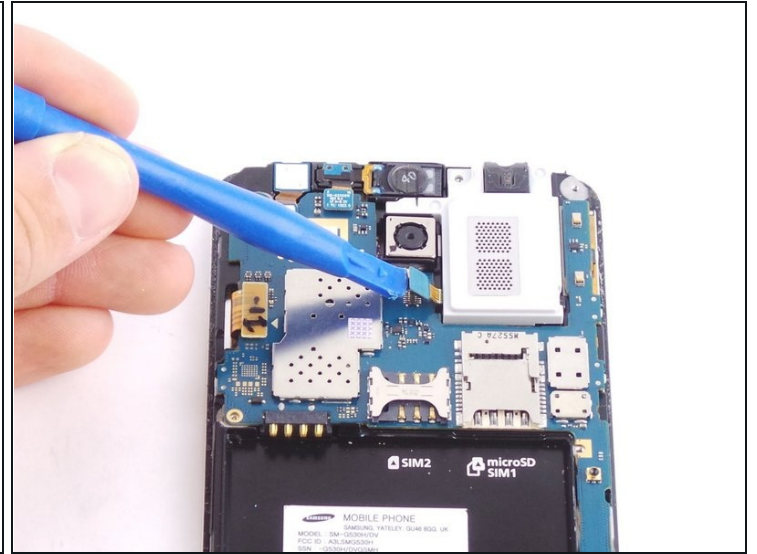
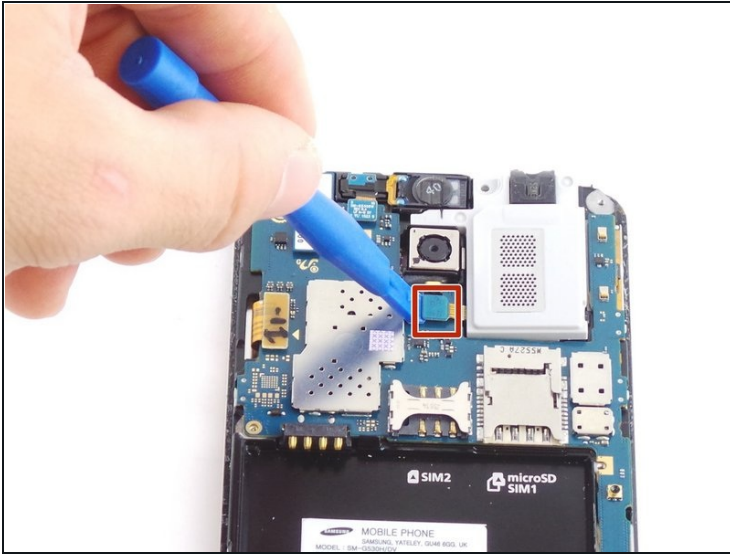
## Step 5



- Make sure that you detach the mid-frame from the inside too.

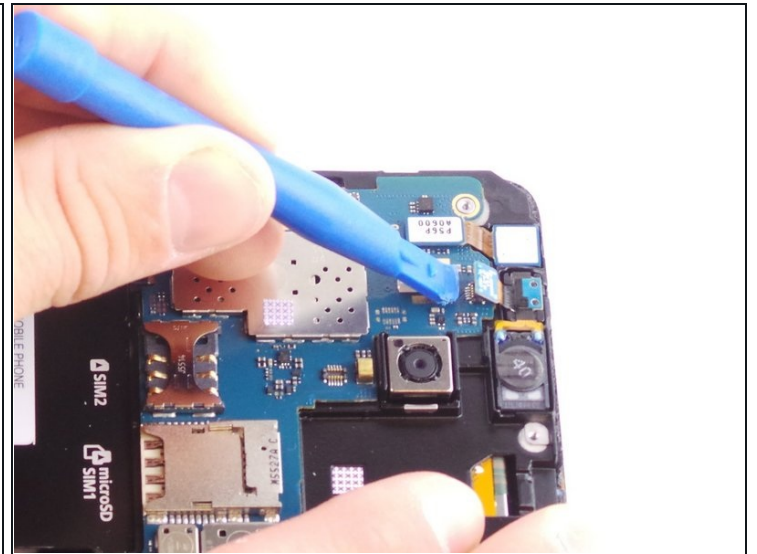


## Step 6 — Headphone Jack/Speaker Assembly



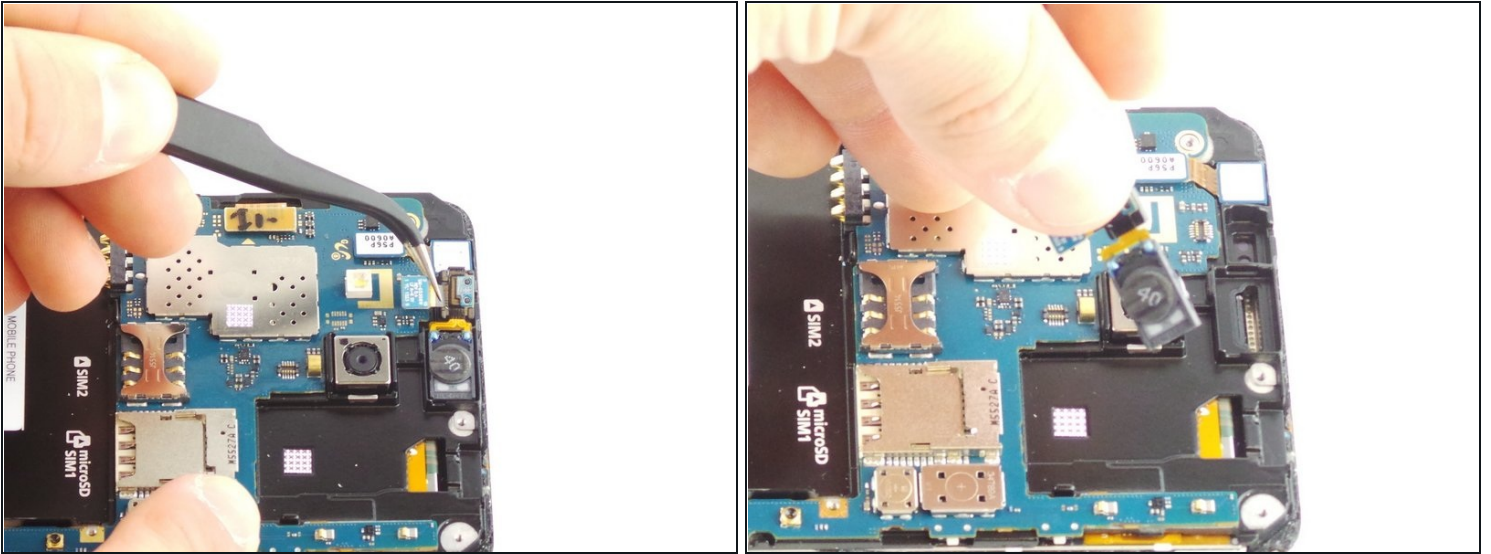
- Unhook the ribbon cable clip with the plastic opening tool and remove the audio jack.

## Step 7 — Earpiece Speaker



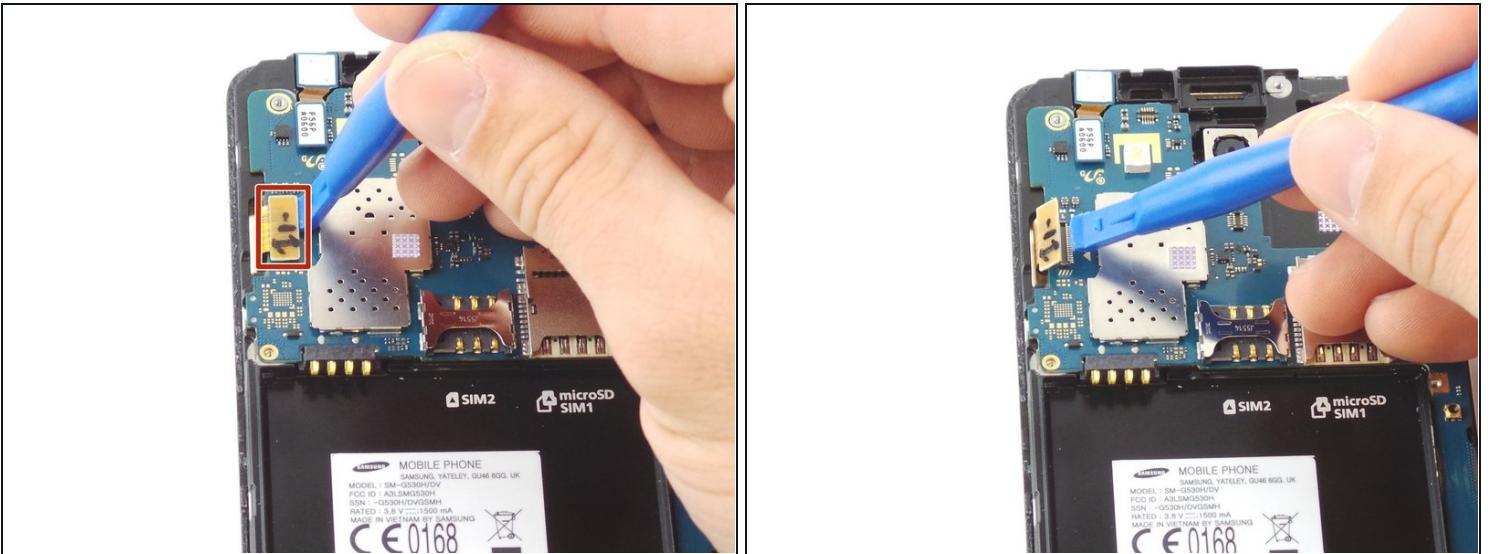
- Use the plastic opening tool to unhook the ribbon cable clip.

## Step 8



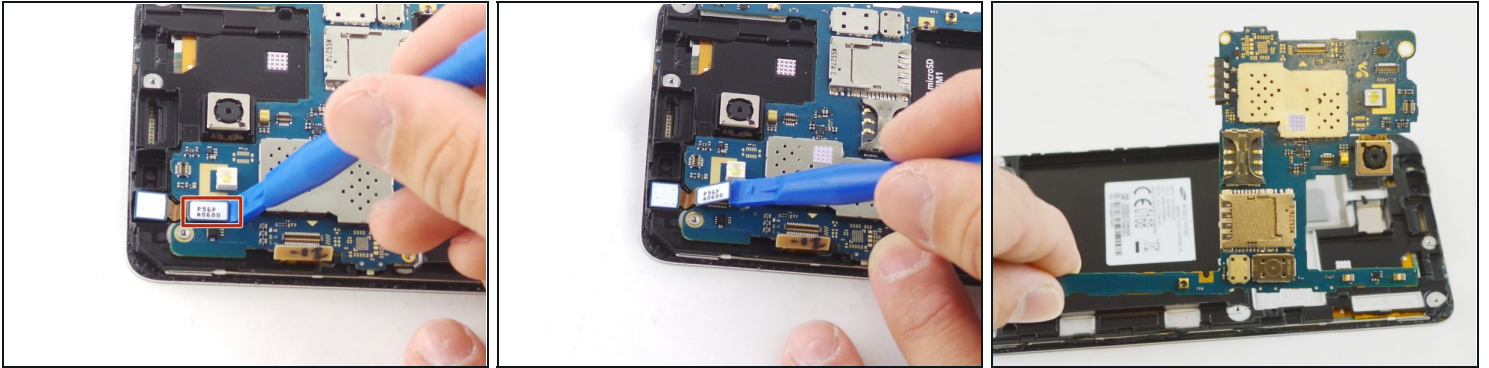
- Gently pull on the connector with the [tweezers](#) until the speaker comes off.

## Step 9 — Motherboard



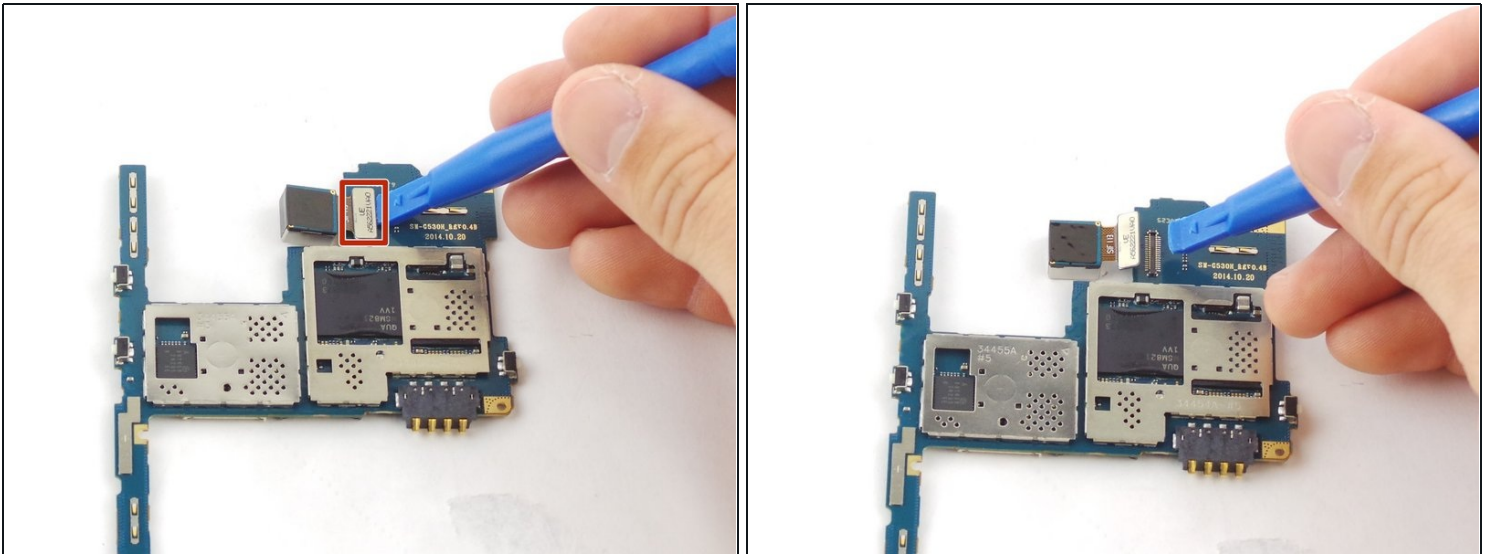
- Unhook the other ribbon cable clip to the screen with the blue plastic opening tool.

## Step 10



- Unhook the ribbon cable clip to the front camera.
- Lift the motherboard up and out of the device.

## Step 11



- Remove the motherboard and unhook the ribbon cable clip to the back camera.

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