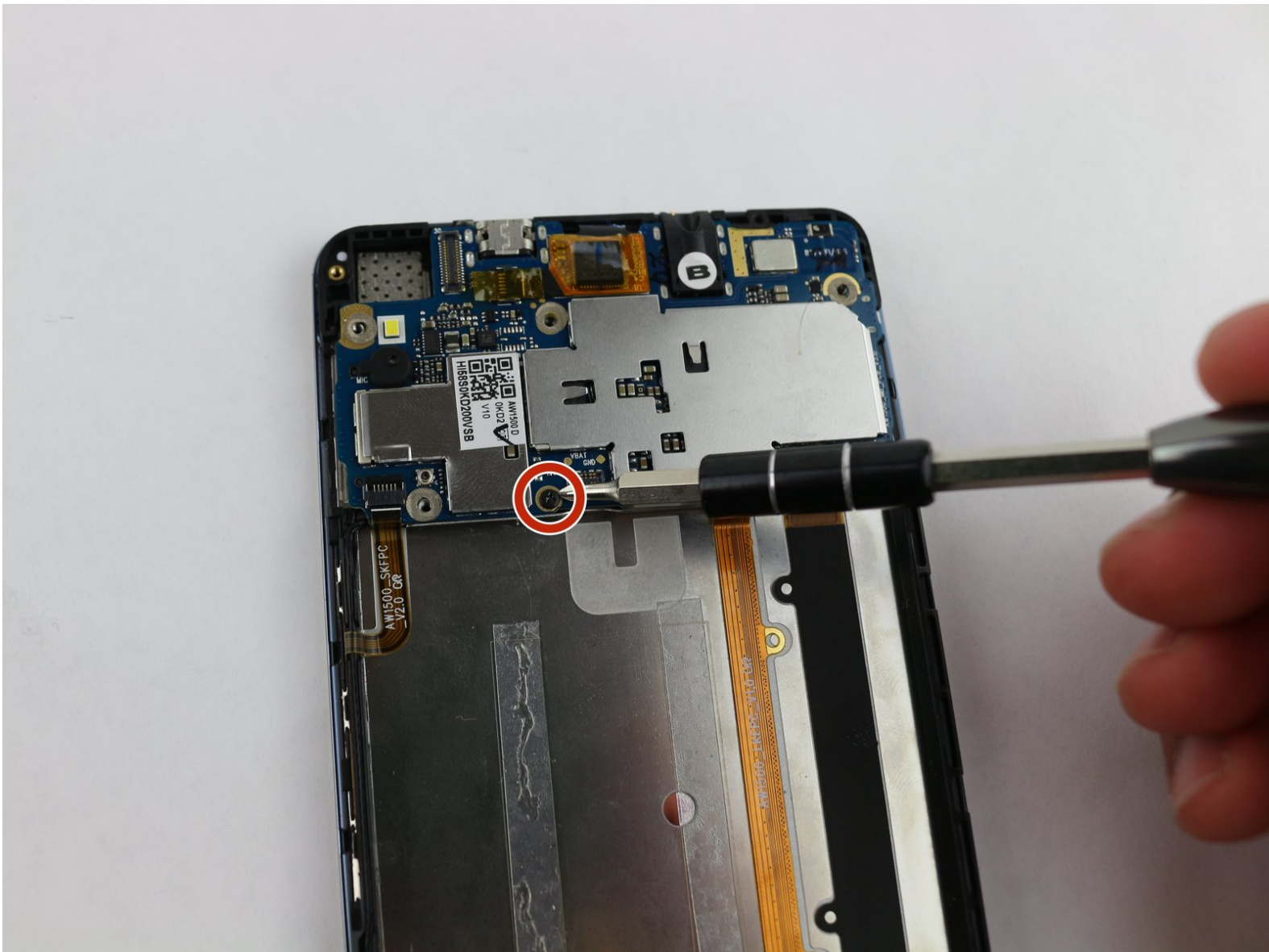




# BLU Energy X Plus MotherBoard Replacement

This guide will show you how to remove the motherboard from the phone if you're experiencing issues with it .

Written By: woodjake94



## INTRODUCTION

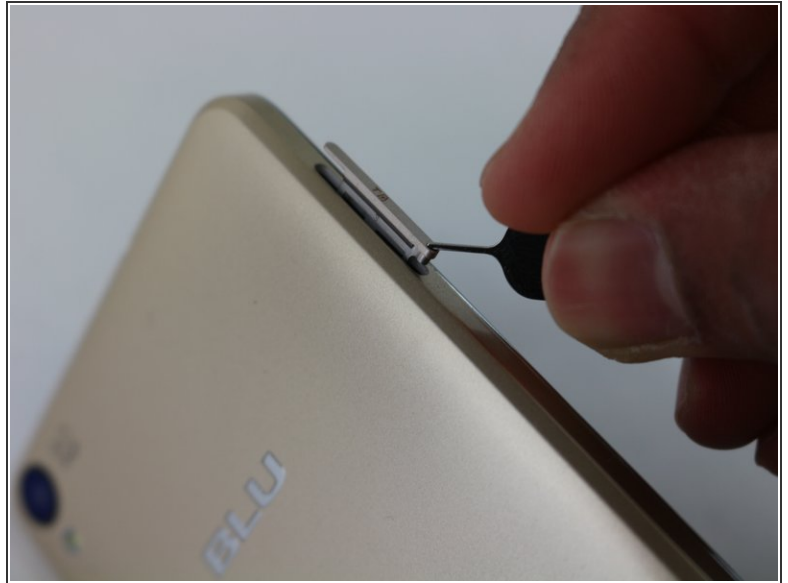
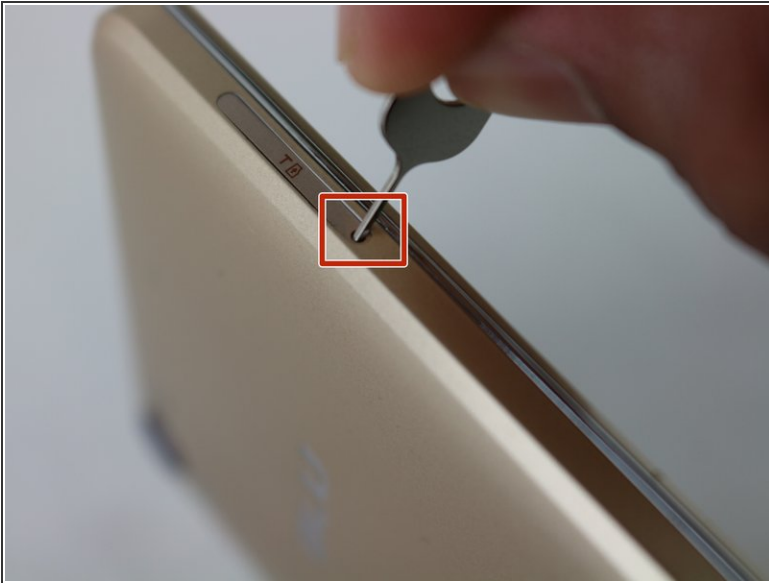
You may be experiencing issues with your motherboard within the BLU Energy X Plus. Replacing the motherboard of a phone can be challenging, but this motherboard replacement guide is clear and concise and will direct you towards a successful replacement.




### TOOLS:

- [Phillips #000 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [SIM Card Eject Tool](#) (1)
  - [Tweezers](#) (1)
  - [64 Bit Driver Kit](#) (1)
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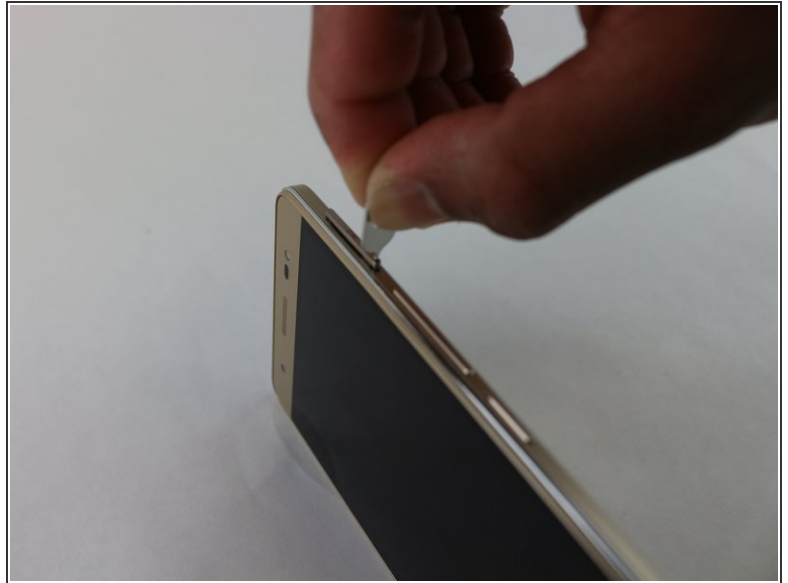
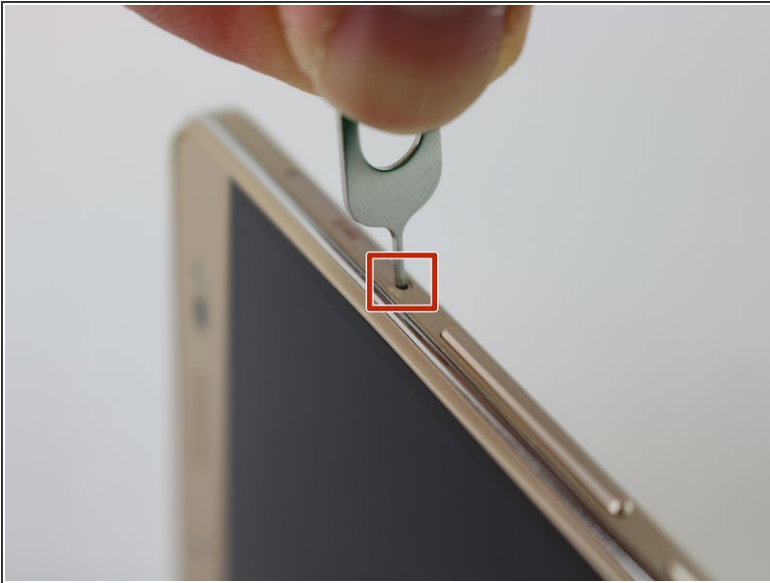
## Step 1 — Battery



 Before disassembling your BLU Energy X Plus, make sure it is powered off.

- Flip your device to the left side facing up and take out the SD card tray using the SIM card eject tool. You will insert the tool in at an angle and lift the tray up.

## Step 2



- Flip your device to the right side facing up and use the SIM card eject tool to remove the SIM card by pushing the tool in the hole. You will feel a button click and the tray should slide out 2mm. You will then use your fingers to pull the tray out.

## Step 3



- Flip your device over so your back cover is facing up.

## Step 4



- Take the blue plastic opening tool and insert it in-between the back of the phone and the chrome trim. Go all the way around the device slowly to take the back cover off.

## Step 5



- Remove the six silver screws from the cover plate, and one black screw from the top.
- Use the screwdriver head J000 to remove all the screws.
- Six silver screws, all 1.5mm in length.
- One black screw, 1mm in length.



## Step 6



- After all the screws are out, lift the protective metal cover off of the phone. Lift from the bottom of the cover.

## Step 7



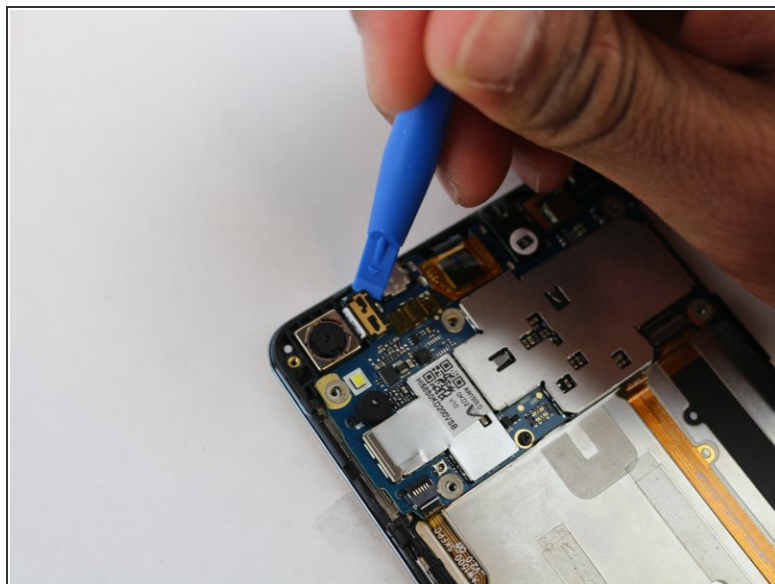
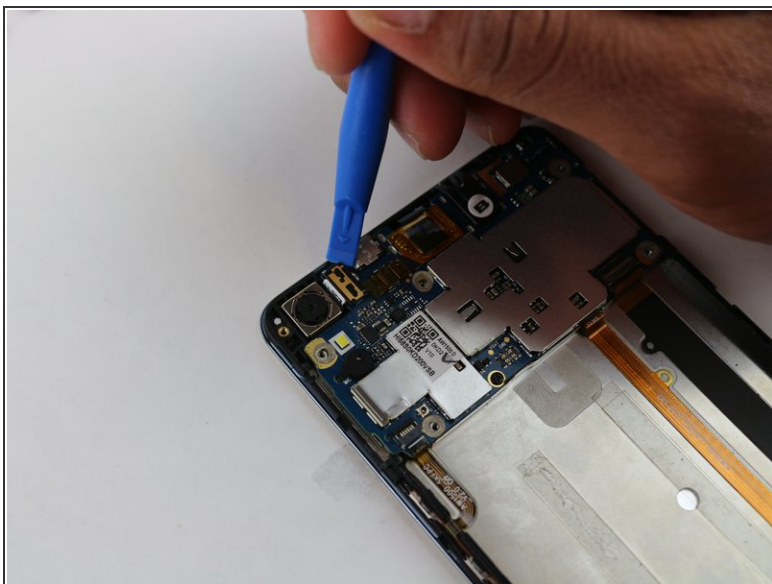
- Use the small blue plastic opening tool to lift the contact attached to the battery from the motherboard of the phone.

## Step 8



- Use the small blue plastic opening tool to lift the battery from the bottom with little force because the battery will be glued in.
- Then, use your hand to remove the battery completely.

## Step 9 — Camera



- Disconnect the contact patch using the small blue plastic opening tool.

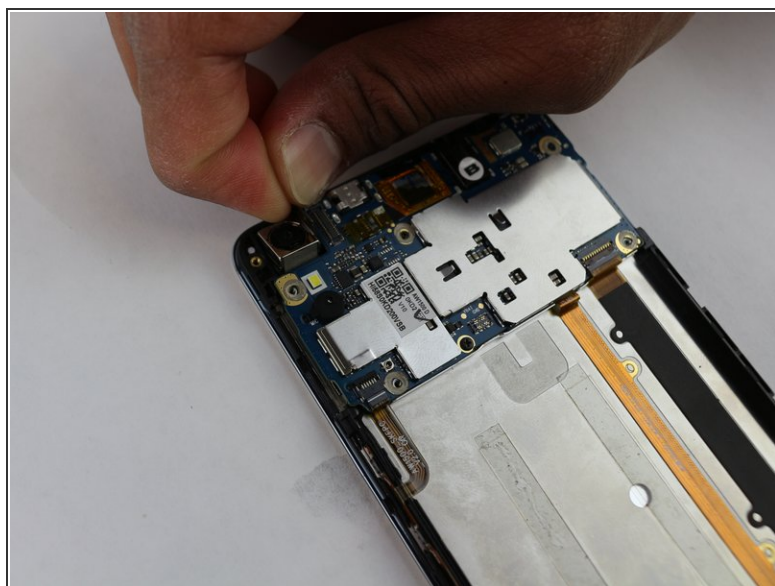
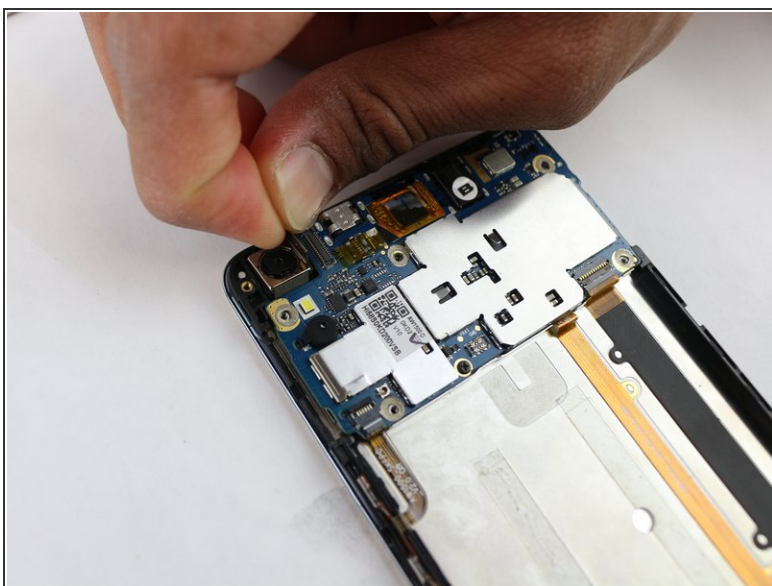


## Step 10



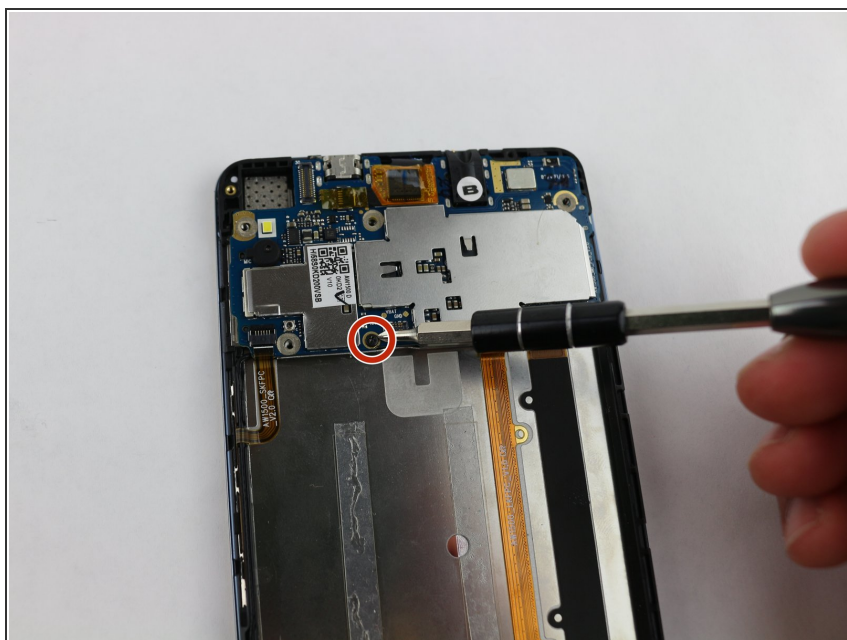
- Loosen the camera from the glue using the small blue plastic opening tool.

## Step 11



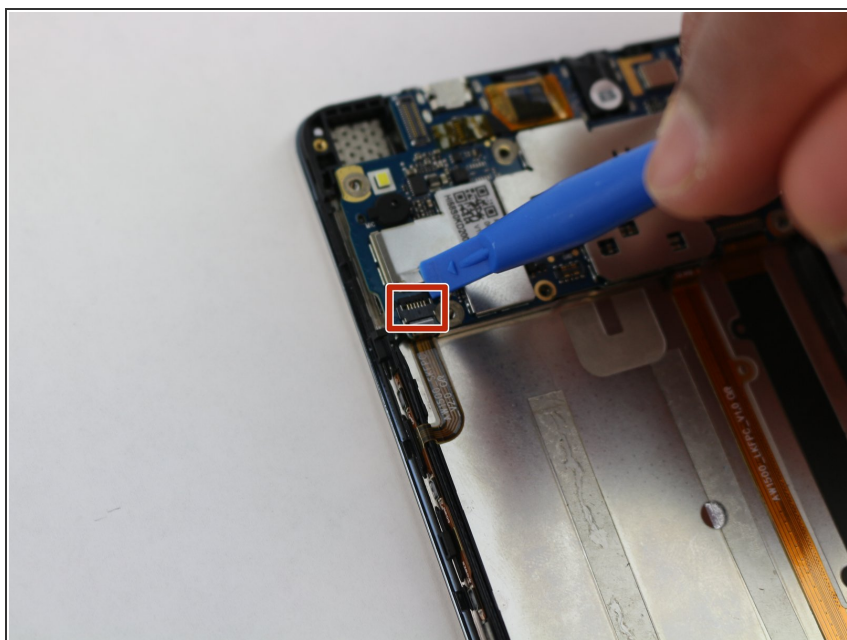
- After loosening the glue from the bottom of the camera, lift the camera out of the phone.

## Step 12 — MotherBoard



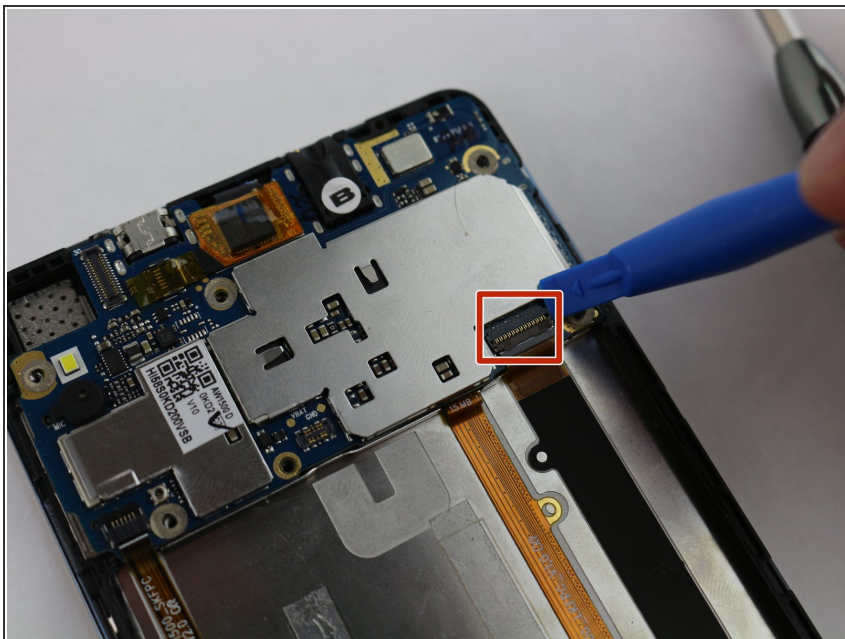
- Remove the black screw using a screwdriver head J000.
- One black screw, 1mm in length.

## Step 13



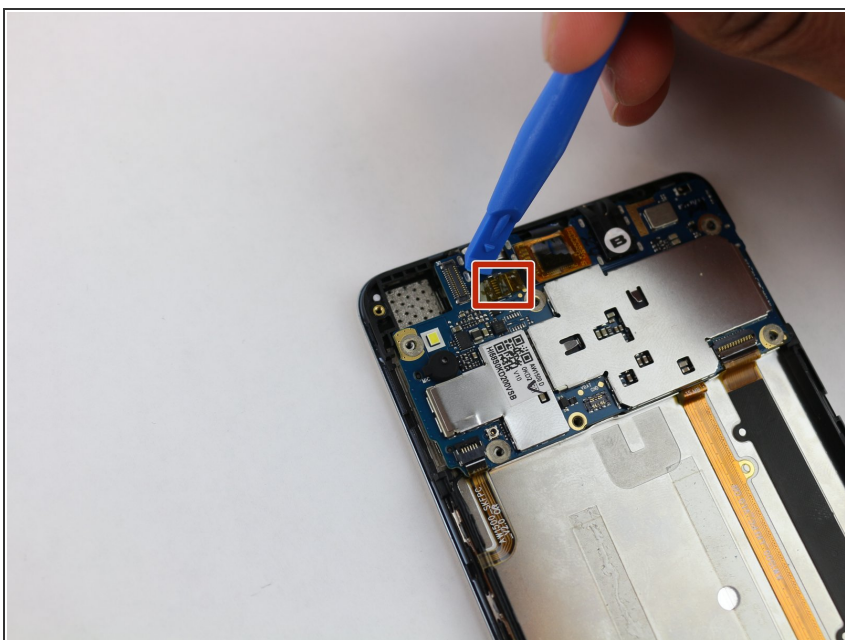
- Lift the black tab on the zero insert force connector on the lower left side of the motherboard using a small blue plastic opening tool.

## Step 14



- Lift the black tab on the zero insert force connector on the lower right side of the motherboard using a small blue plastic opening tool.

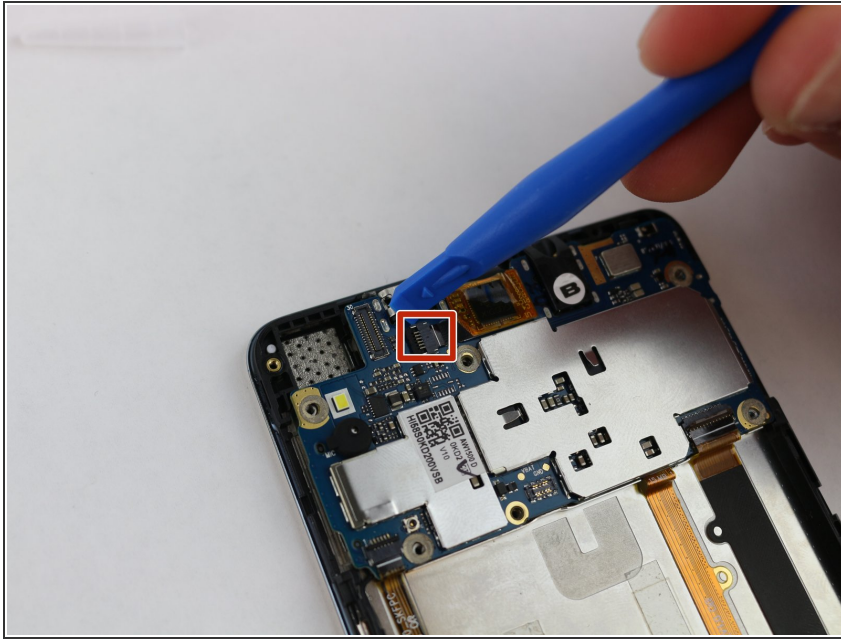
## Step 15



- Remove the yellow tape that's on the black panel using your fingers.

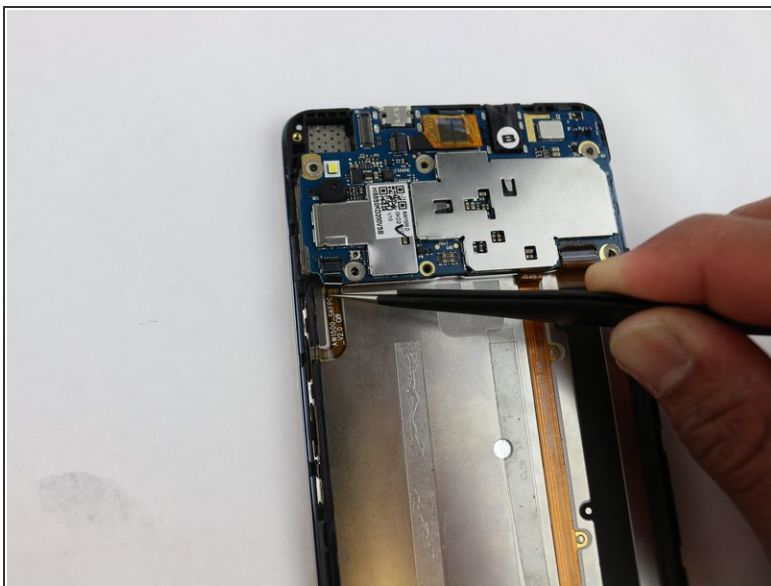


## Step 16



- Lift the black tab on the zero insert force connector on the top left side of the motherboard using a small blue plastic opening tool.

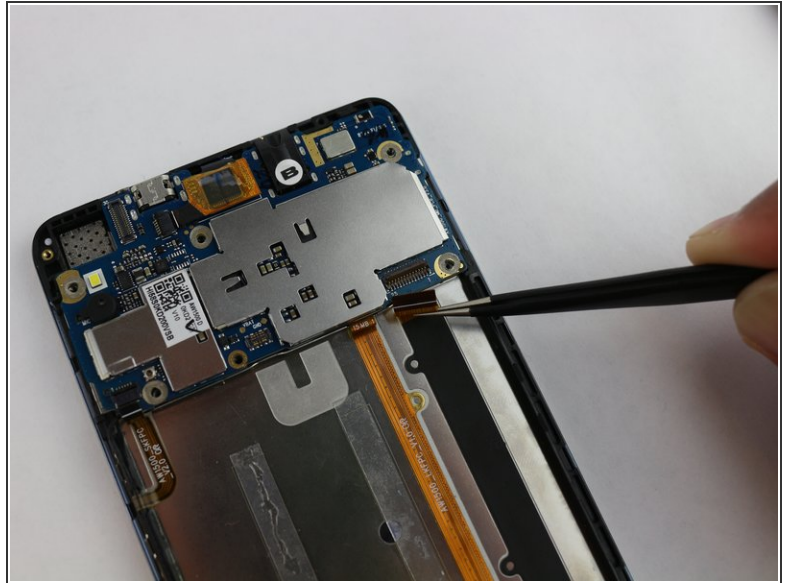
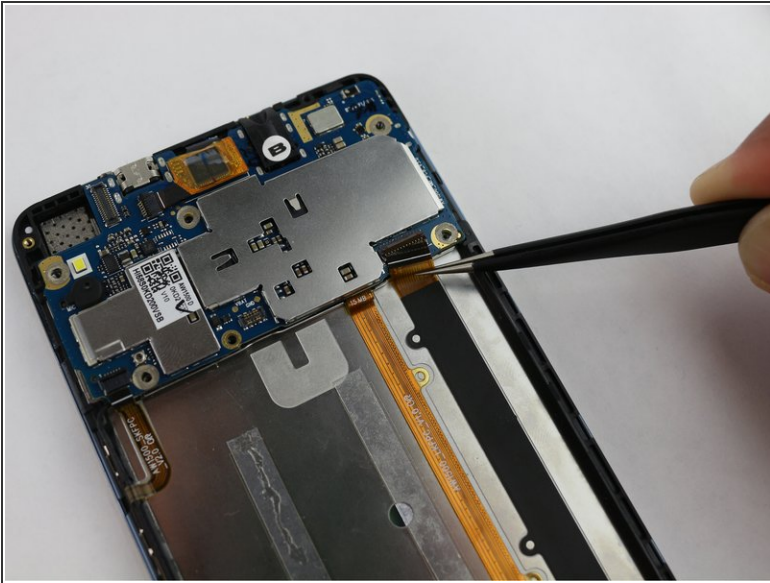
## Step 17



- Use a fine nose pair of tweezers to pull the ribbon cable from the zero insert force connector with little force to remove the contact connector from the motherboard.



## Step 18



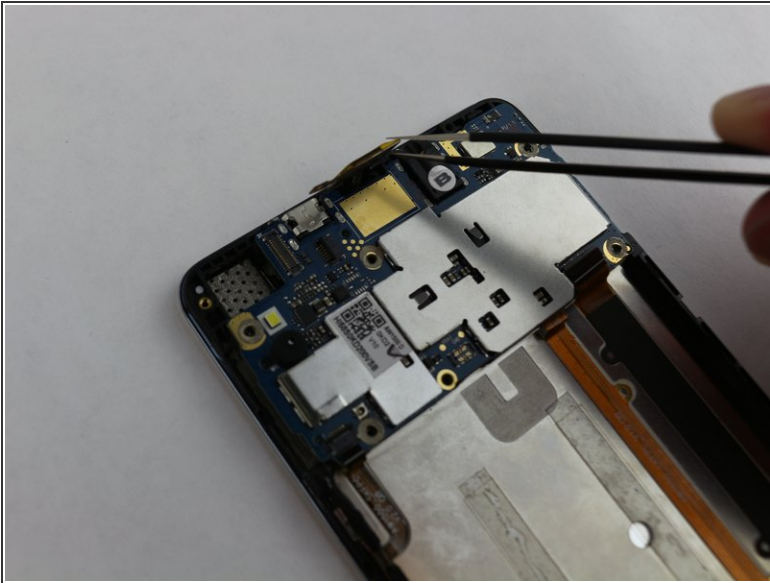
- Use a fine nose pair of tweezers to pull the ribbon cable from the zero insert force connector with little force to remove the contact connector from the motherboard.

## Step 19



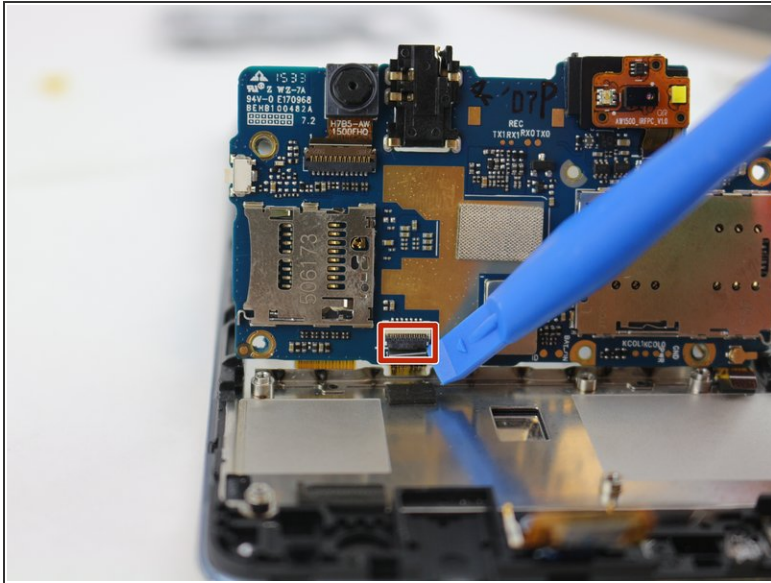
- Use a fine nose pair of tweezers to pull the ribbon cable from the zero insert force connector with little force to remove the contact connector from the motherboard.

## Step 20



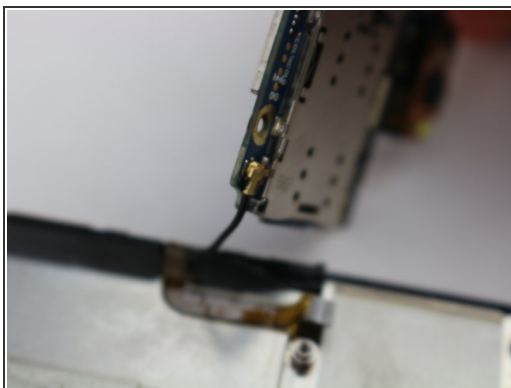
- Lift the small processor using a pair of tweezers.
- Then, lift up the motherboard using your hand, lifting from the top of the motherboard.

## Step 21



- Remove the zero insert force connector that's on the back side of the motherboard using a small blue plastic opening tool to lift up the black tab. Then pull the motherboard out of the phone.
- ⓘ Pull the motherboard vertically to pull the motherboard from the phone. It should still be attached by a wire on the left side.

## Step 22



- Remove the connector wire from the motherboard using your finger nails. You will need to pull from the gold colored connector, which is attached to the motherboard.
- And, there's your motherboard.

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