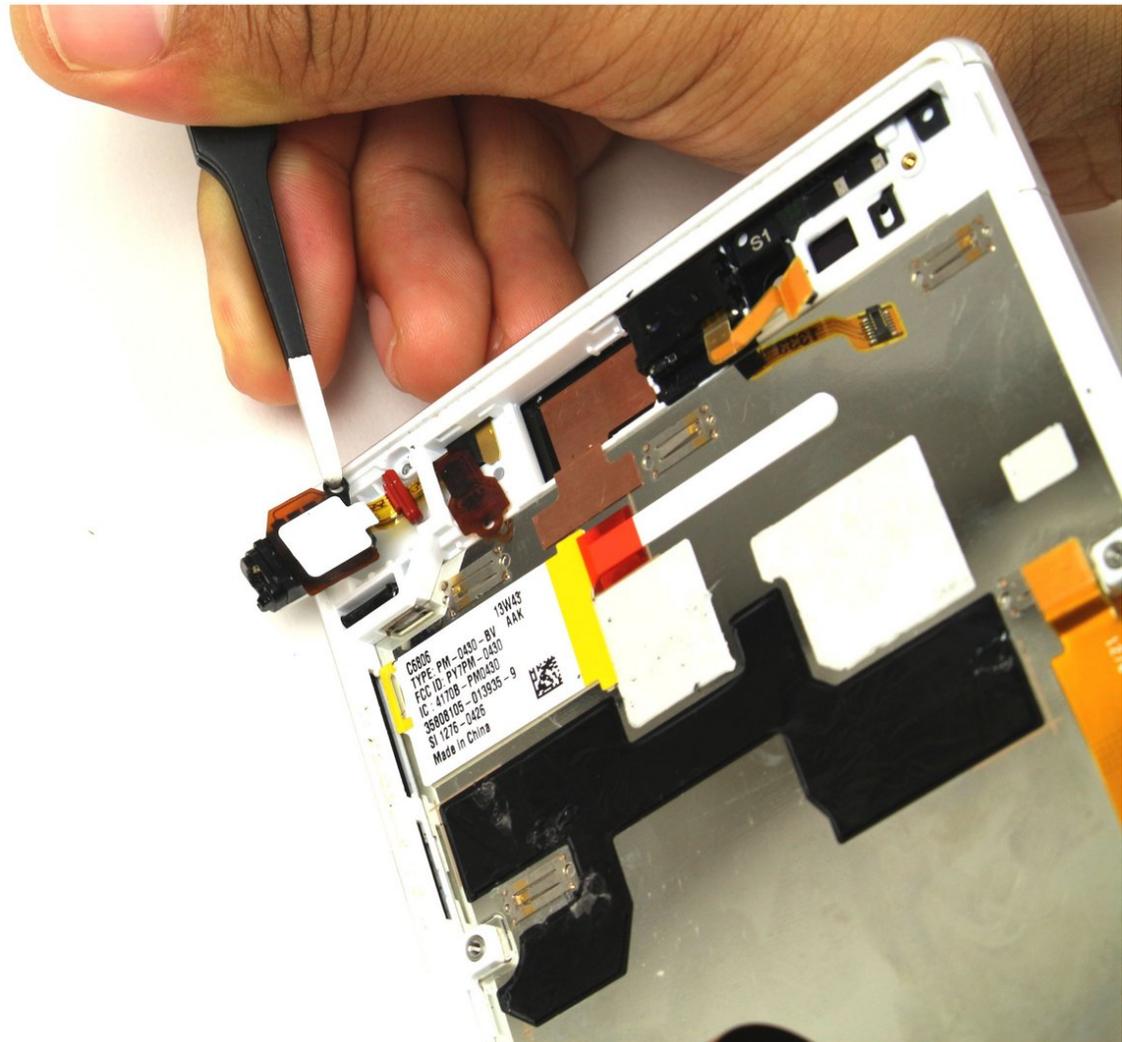




# Sony Xperia Z Ultra Headphone Jack Replacement

In this guide, you will learn the necessary steps to change the headphone jack of the Sony Xperia Z Ultra.

Written By: Aaron Quinn



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## INTRODUCTION

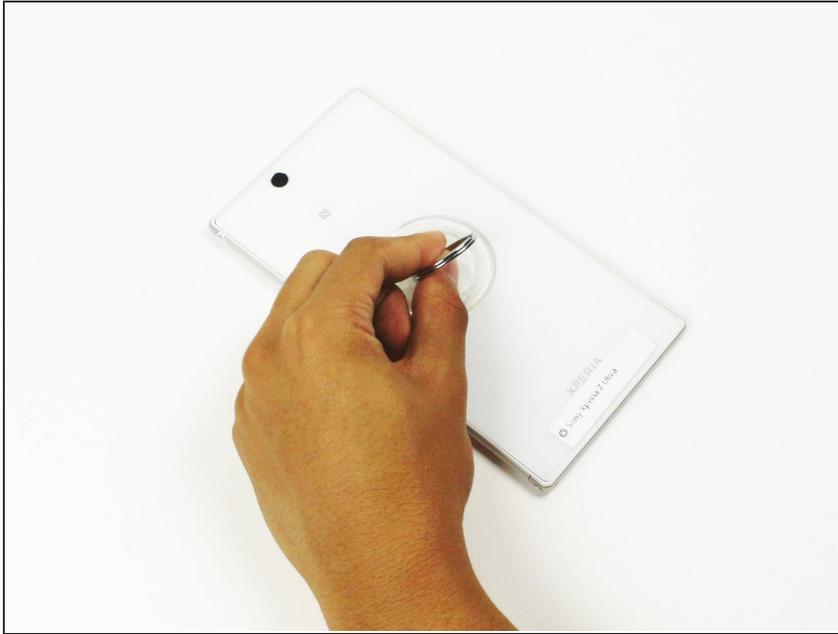
If your device is not recognizing any headset you plug in, and performing a software repair did not fix this problem, replacing the headphone jack may solve this problem.

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### TOOLS:

- [Tweezers](#) (1)
  - [Phillips #000 Screwdriver](#) (1)
  - [Suction Handle](#) (1)
  - [Spudger](#) (1)
  - [Magnetic Project Mat](#) (1)
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## Step 1 — Battery



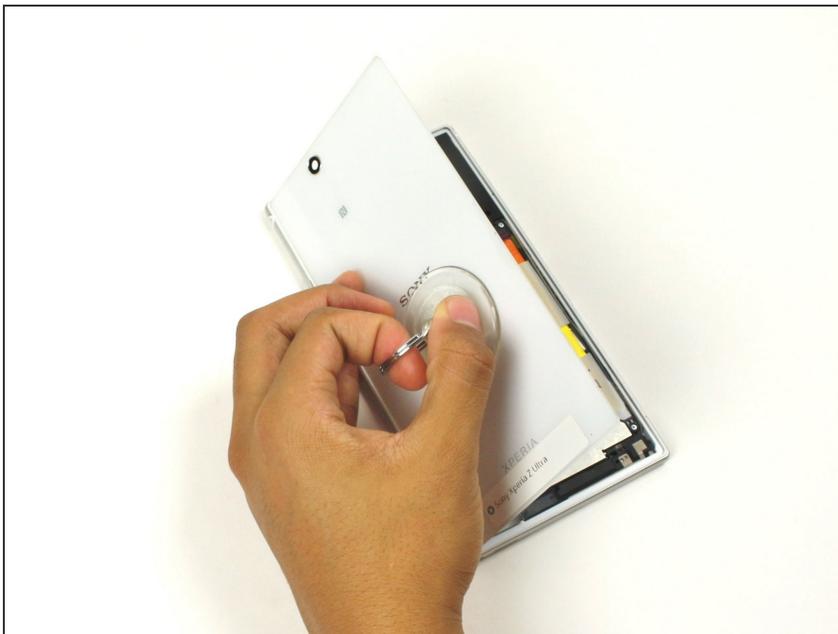
- Use the small suction cup to lift the back panel:
- Press the small suction cup on to the middle of the back panel.

## Step 2



- While holding the Sony Xperia Z ultra down with your left hand, slightly pull the small suction cup upwards to create a small opening between the back panel and the front panel.
- While continuing to pull the small suction cup upwards, insert the spudger in the small opening.
- Pry the front panel downwards with the spudger while continuing to pull the small suction cup upwards.

## Step 3



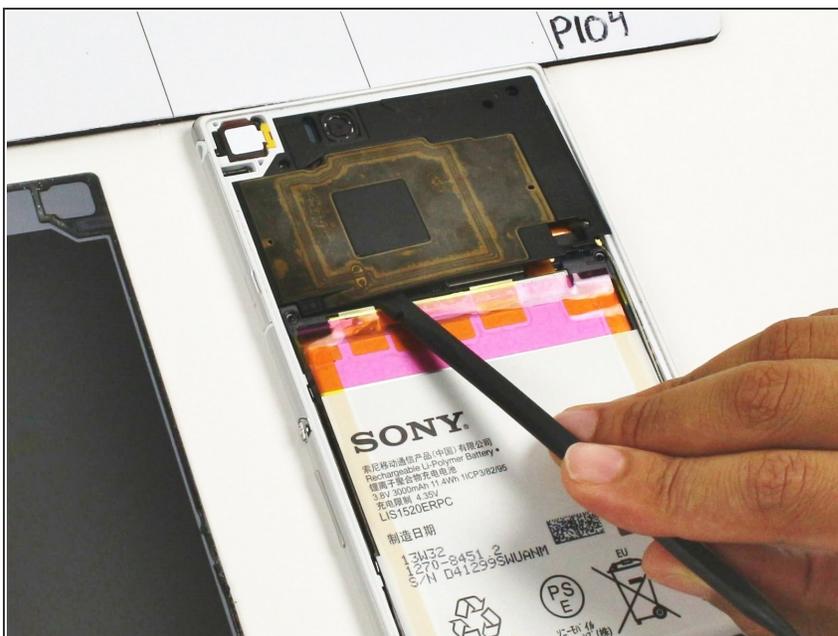
- Remove the back panel by pulling the small suction cup upwards.

## Step 4



- Remove the following six screws with a Phillips #000 screwdriver:
  - five silver 2.1 mm screws
  - one gold 3.1 mm screw

## Step 5



- Pry the plastic motherboard shield open by placing the spudger under the shield and running it along the edges.

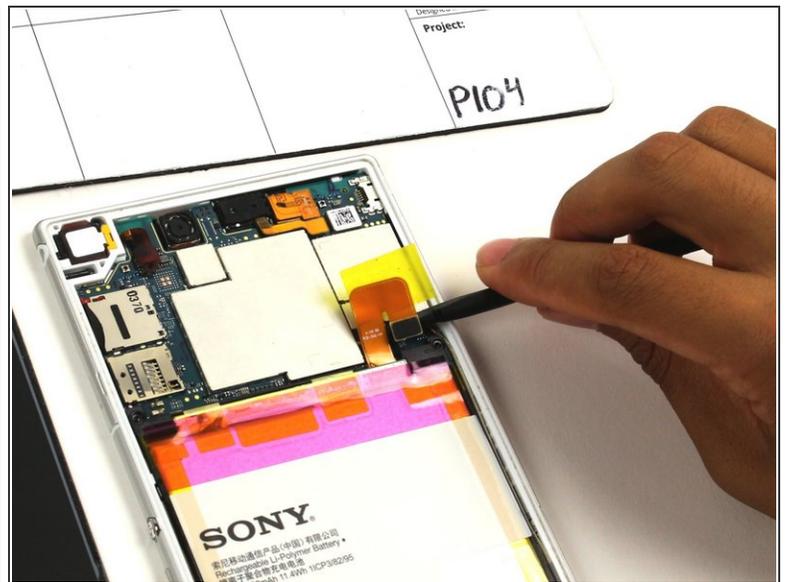
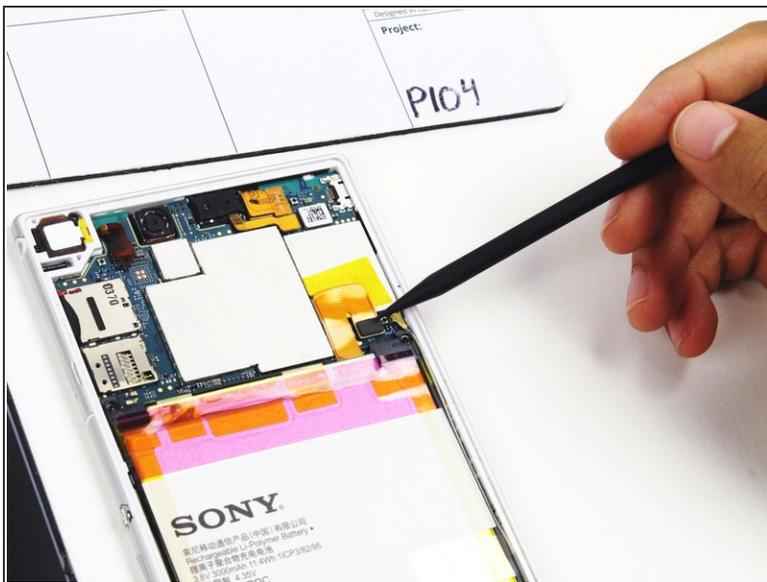
## Step 6



**⚠** Use care to remove the motherboard shield, as it may break. The motherboard shield is made of a very thin plastic.

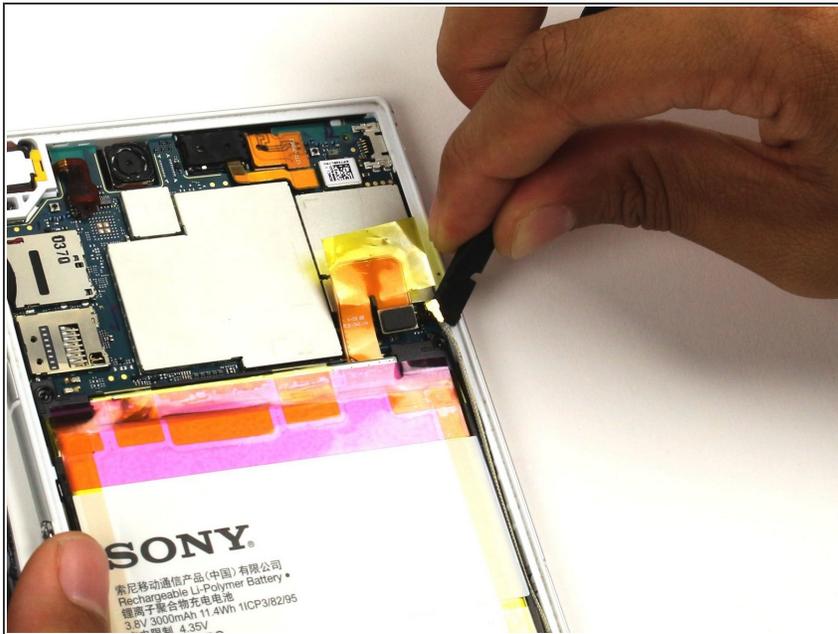
- Remove the motherboard shield by lifting the lower end upwards first.

## Step 7



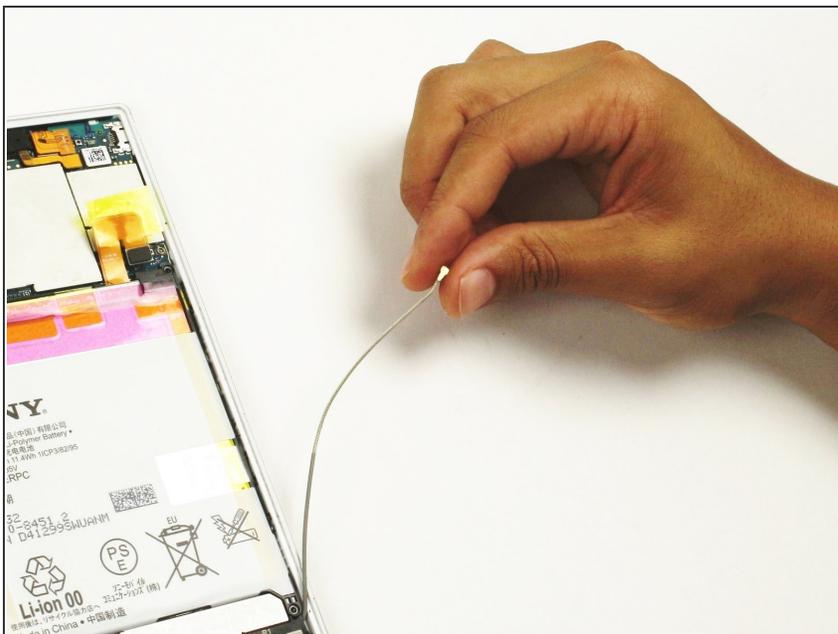
- Detach the battery connection cable by prying it upward with the spudger.

## Step 8



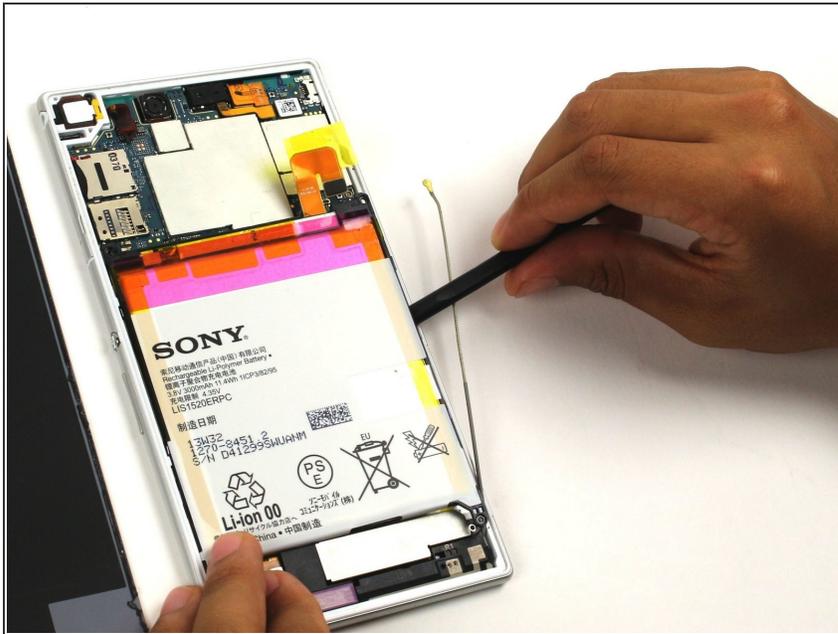
- Pry the upper end of the antenna upwards with the spudger.

## Step 9



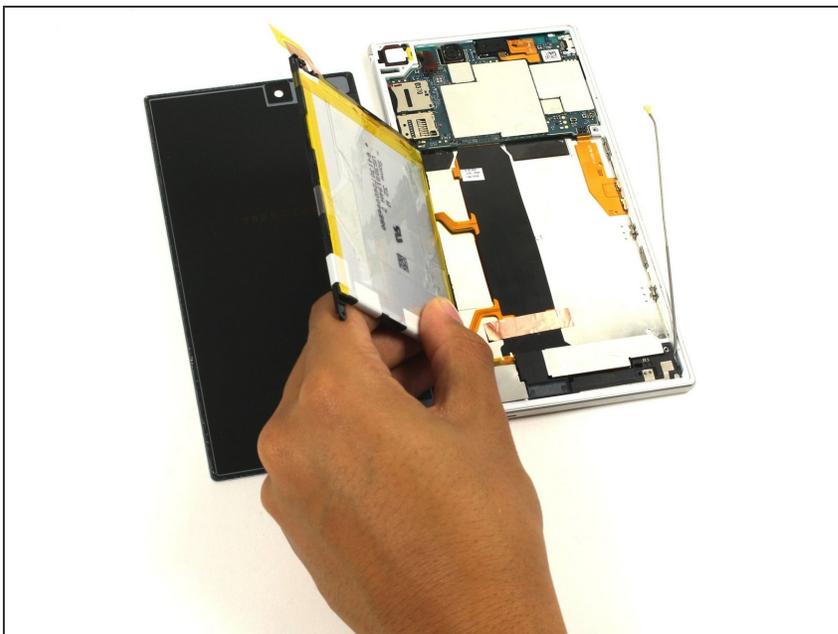
- Detach the antenna by pulling the upper end upwards and outwards.

## Step 10



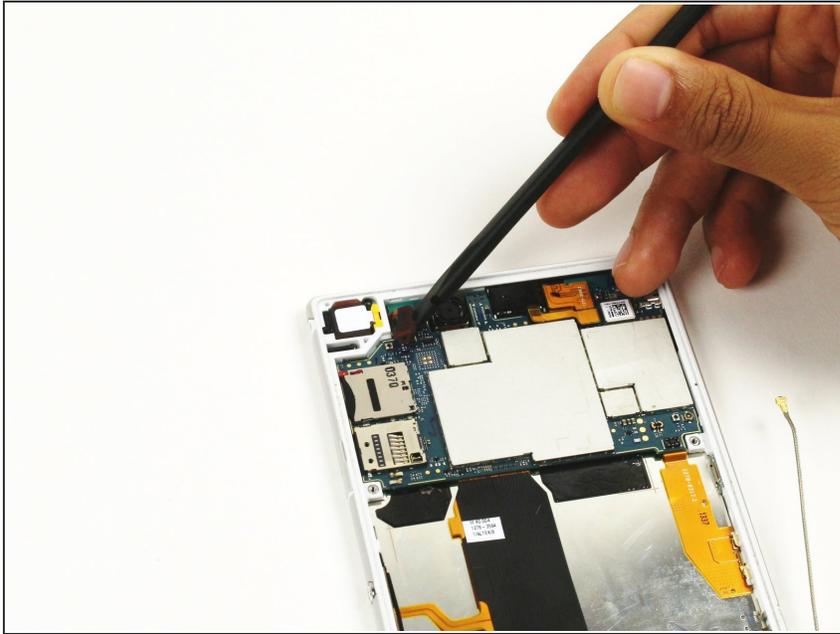
- Insert the spudger underneath the battery and run it back and forth to remove any adhesive.

## Step 11



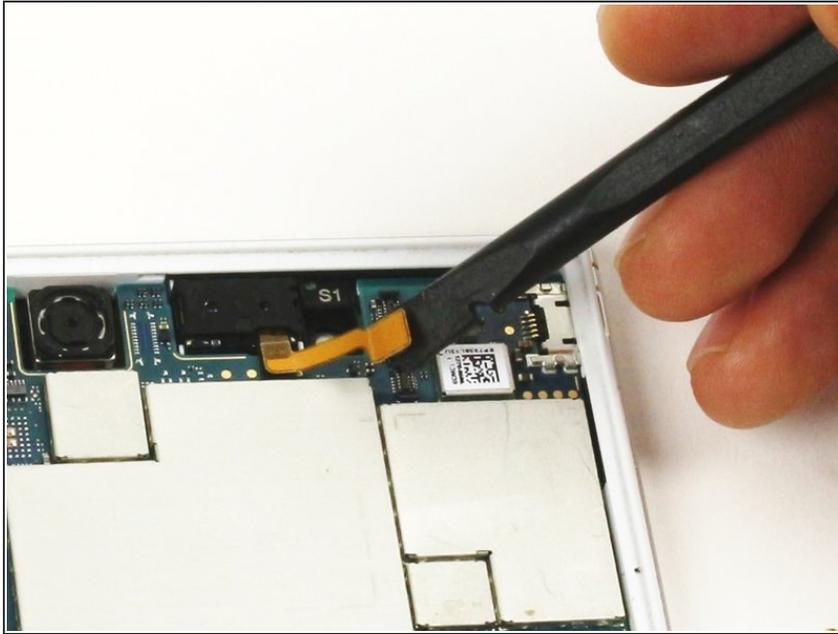
- Remove the battery from the phone.

## Step 12 — Headphone Jack



- ⚠ Use care to remove the headphone jack connection, as it may snap if excessive force is used. The headphone jack connection is extremely thin.
- Detach the headphone jack connection by prying it upwards with the spudger.

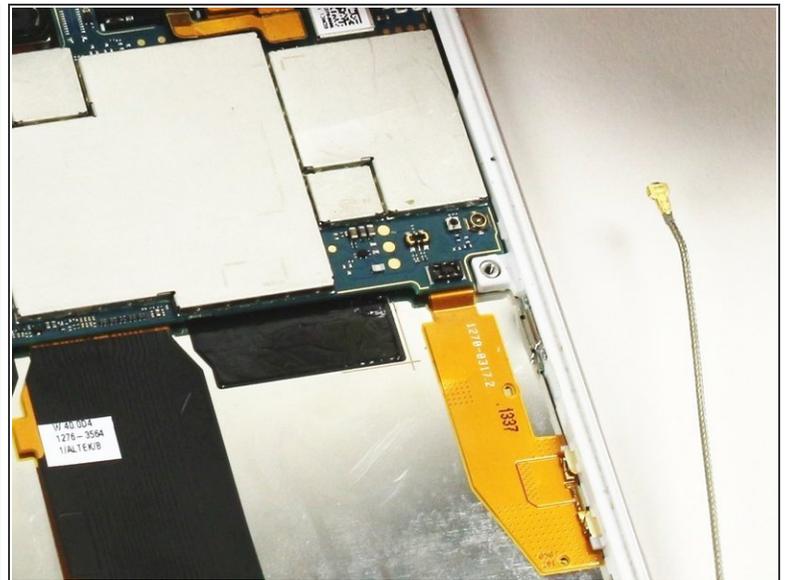
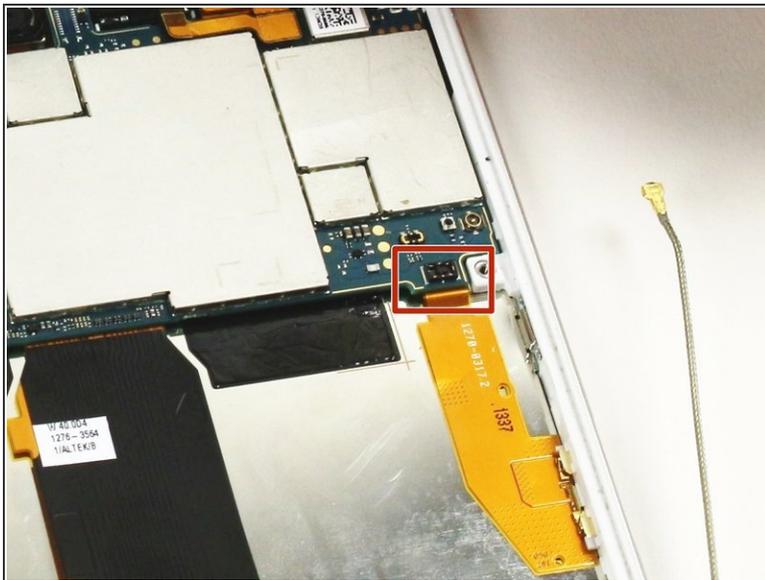
## Step 13



**⚠** Use care to remove the earphone jack connection, as it may snap if excessive force is used. The earphone jack connection is extremely thin.

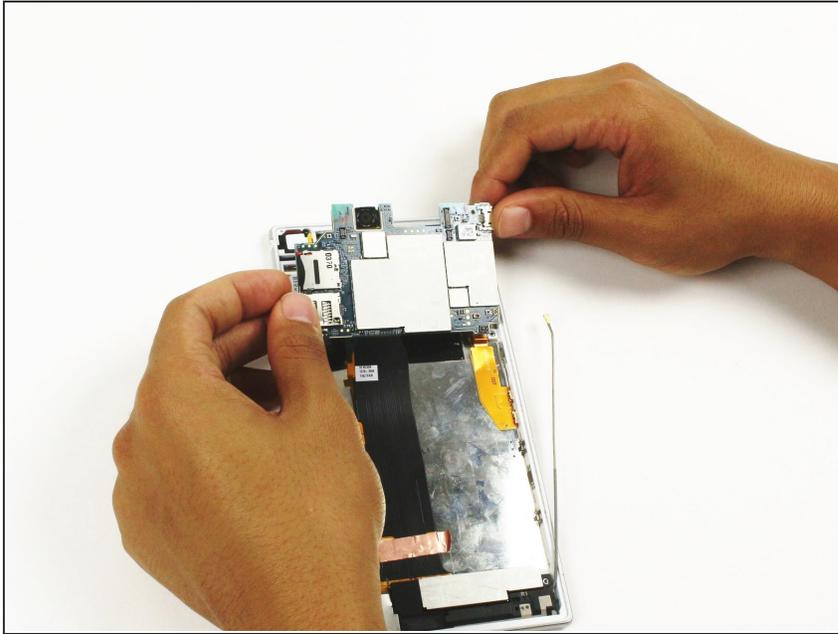
- Detach the earphone jack connection by prying it upwards with the spudger.

## Step 14



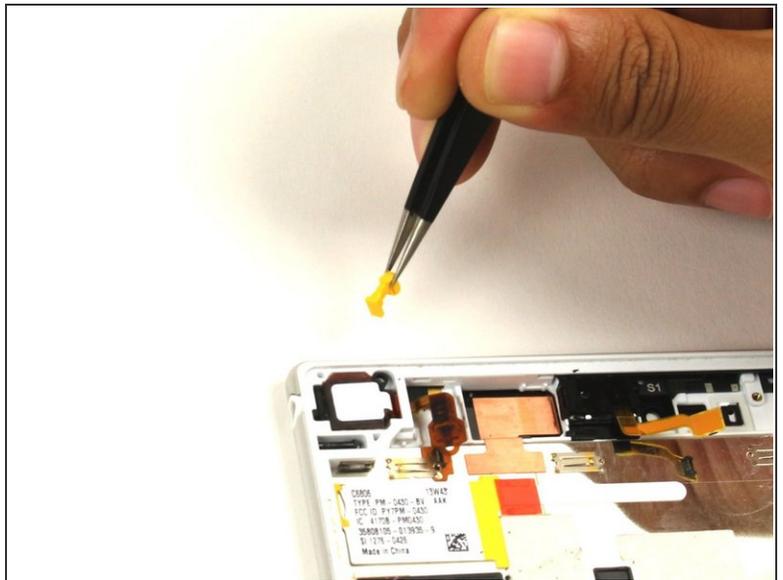
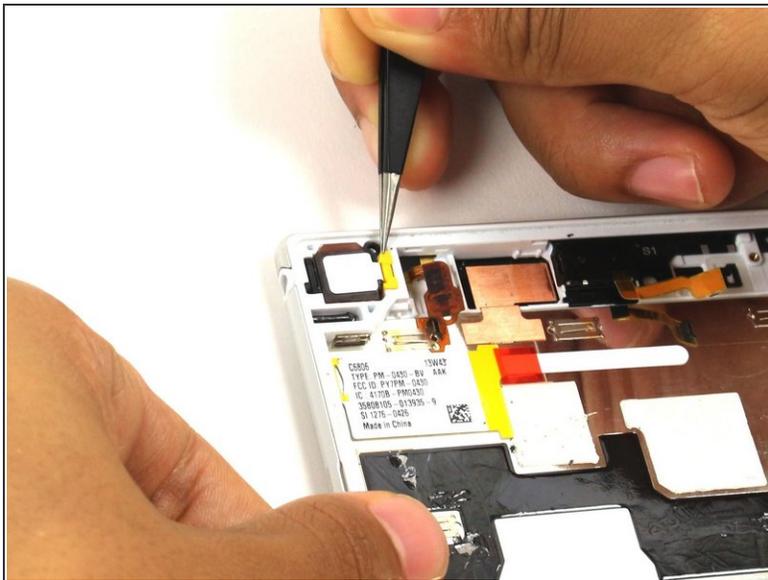
- Disconnect the ribbon cable at the bottom right of the motherboard. (It's shown tucked under the motherboard in this photo, which is incorrect—don't do this!)

## Step 15



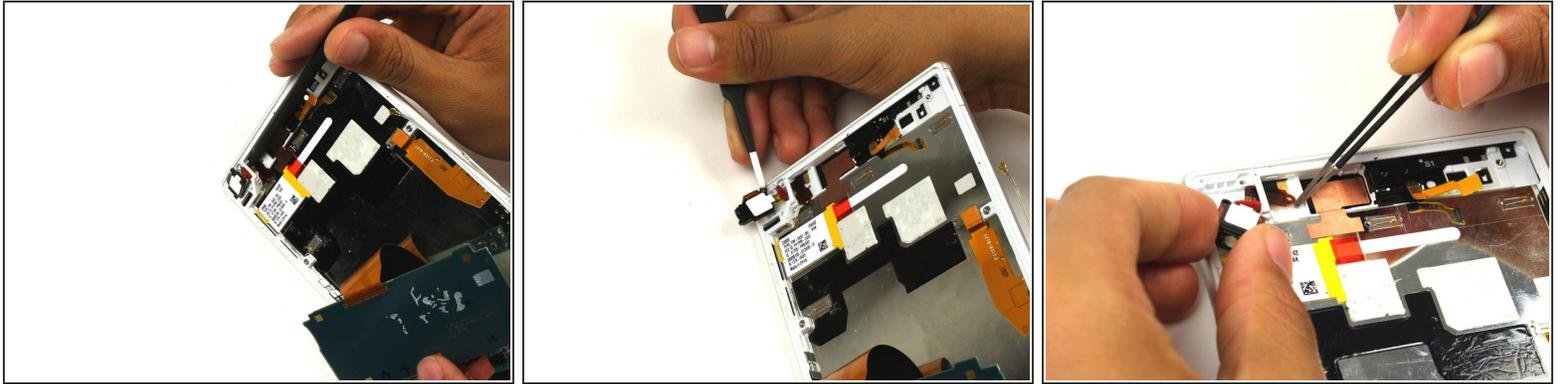
- Detach the upper end of the motherboard by pulling the top end upwards.

## Step 16



- Remove the yellow clip that secures the headphone jack slot with a pair of tweezers.
- ⓘ The motherboard is still attached but moved outside of the image in order for the components being worked on to be more visible.

## Step 17



- Push the red stopper of the headphone jack connection through the plastic tunnel with the spudger.

**⚠** Use care to guide the head phone jack connection through the plastic tunnel, as it may deform and break if forceful or sudden movements is used. The headphone jack is made of a very thin plastic.

- While holding the back end of the headphone jack connection, grasp the headphone jack connection with the pair of tweezers and guide it through the plastic tunnel.
- Remove the headphone jack connection from the device.

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