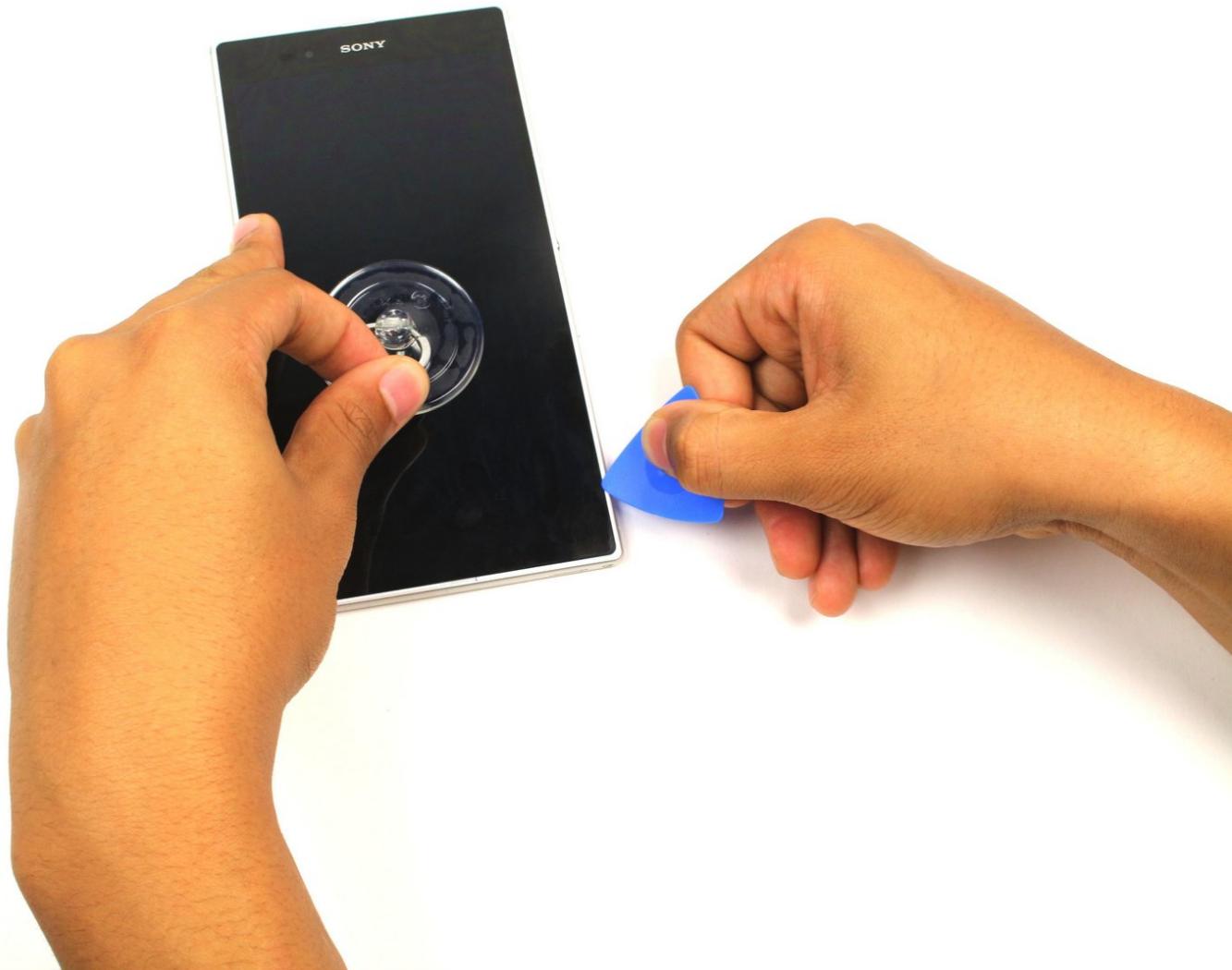




Sony Xperia Z Ultra Screen Replacement

Replacement of a faulty or damaged screen on a Sony Xperia Z Ultra.

Written By: Aaron Quinn



INTRODUCTION

The Sony Xperia Z Ultra Android smartphone was released in 2013 and the sleek design can lead to screen issues. This guide details the removal of the screen.

TOOLS:

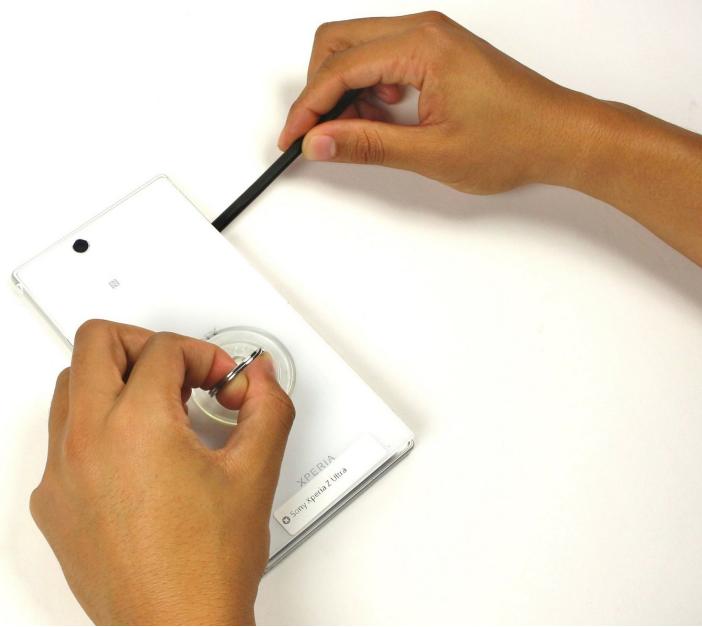
- [Tweezers](#) (1)
- [Phillips #000 Screwdriver](#) (1)
- [Spudger](#) (1)
- [iOpener Kit](#) (1)

Step 1 — Battery



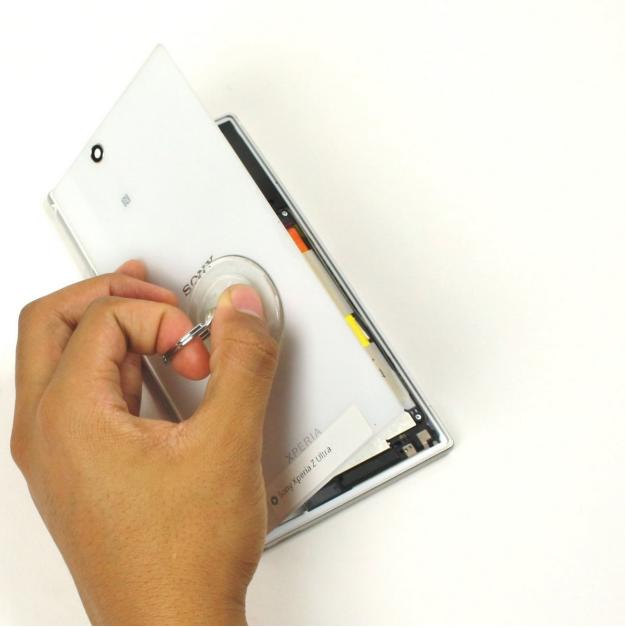
- Use the small suction cup to lift the back panel:
- Press the small suction cup on to the middle of the back panel.

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.

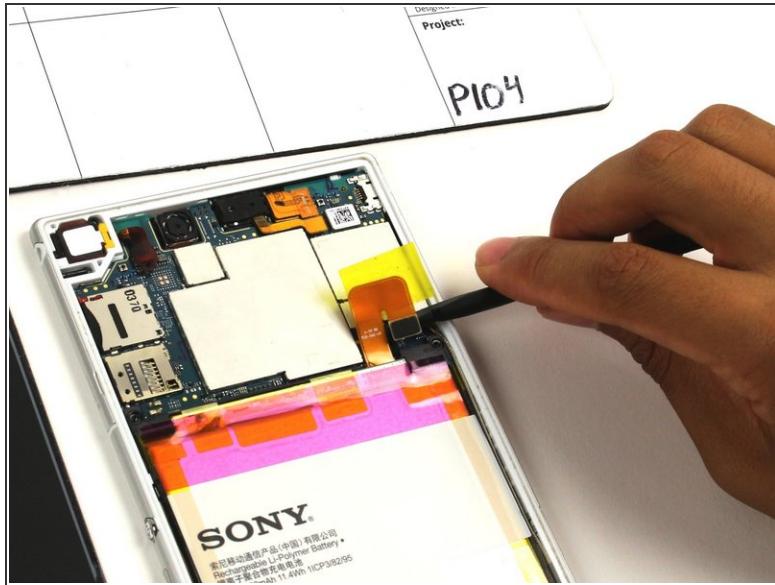
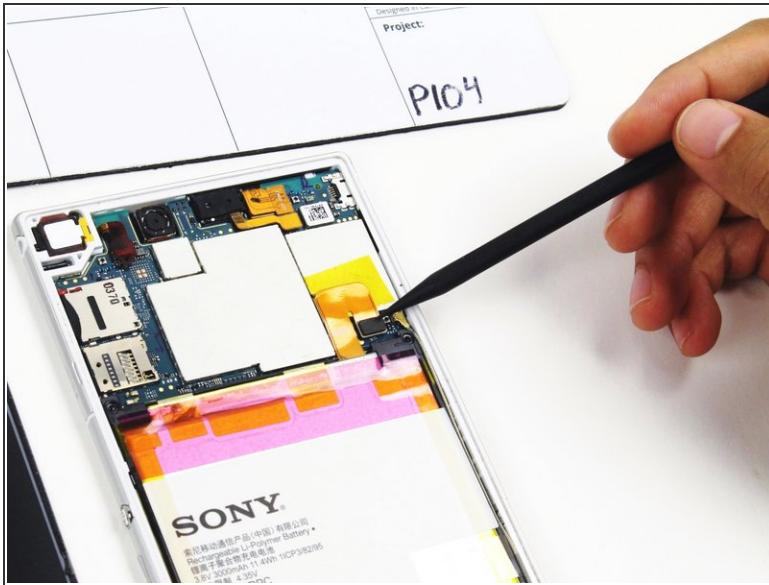
Step 6



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

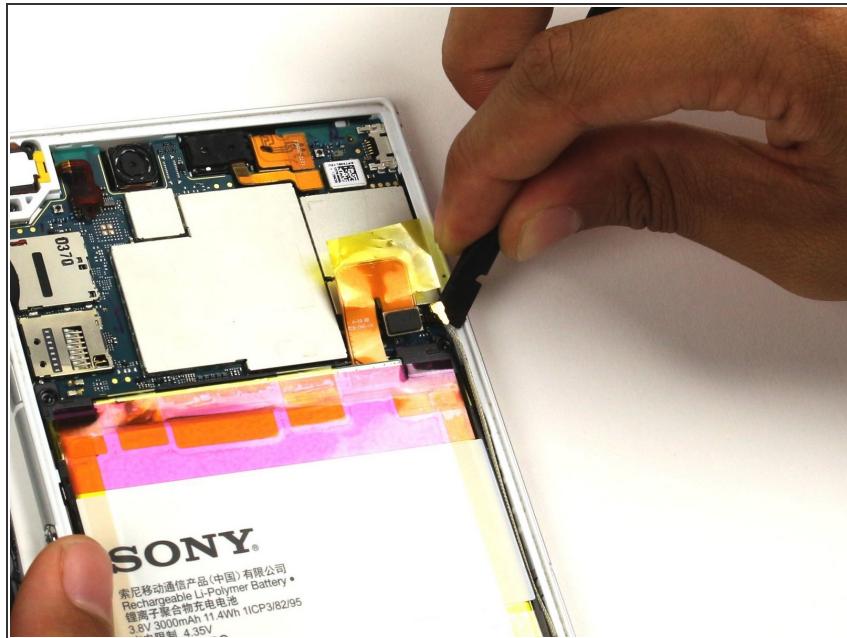
- Remove the motherboard shield by lifting the lower end upwards first.

Step 7



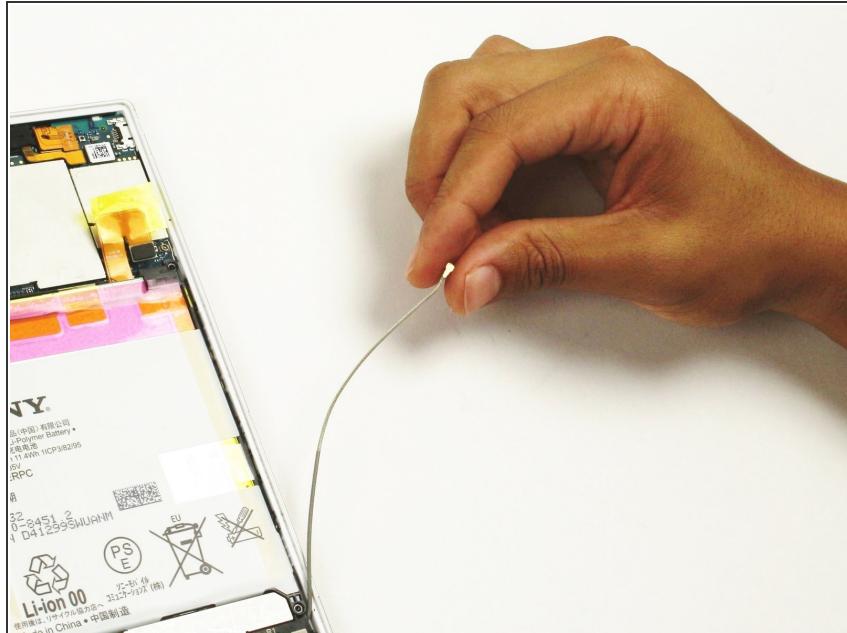
- Detach the battery connection cable by prying it upward with the spudger.

Step 8



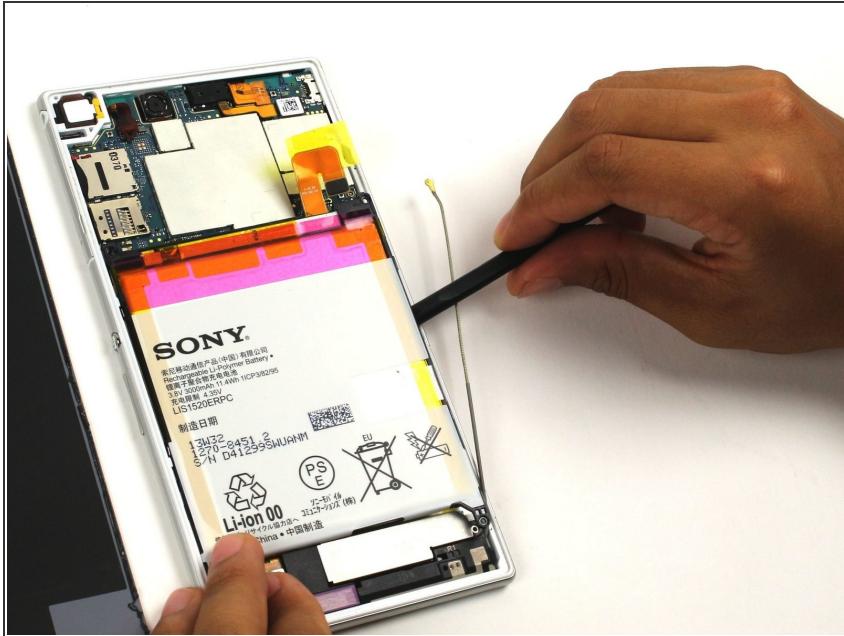
- Pry the upper end of the antenna upwards with the spudger.

Step 9



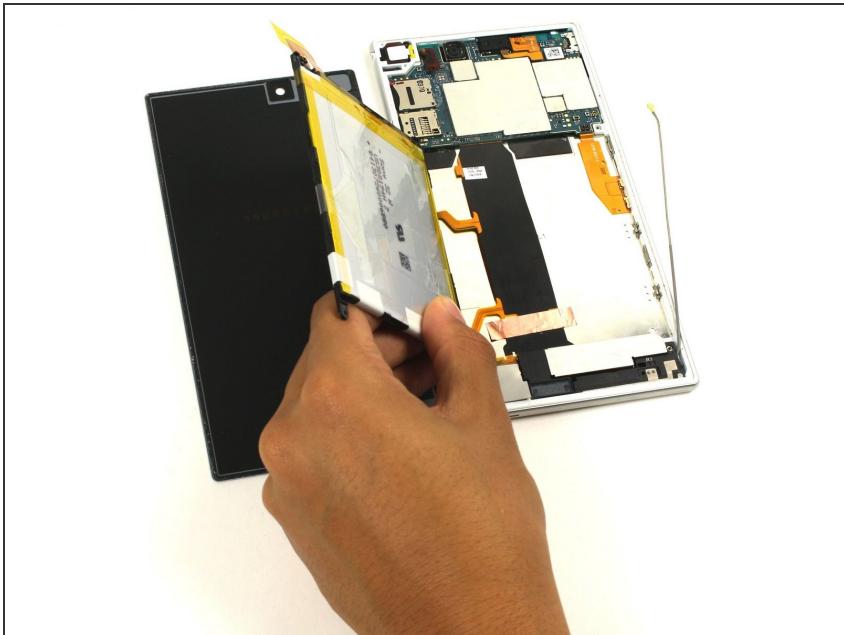
- Detach the antenna by pulling the upper end upwards and outwards.

Step 10



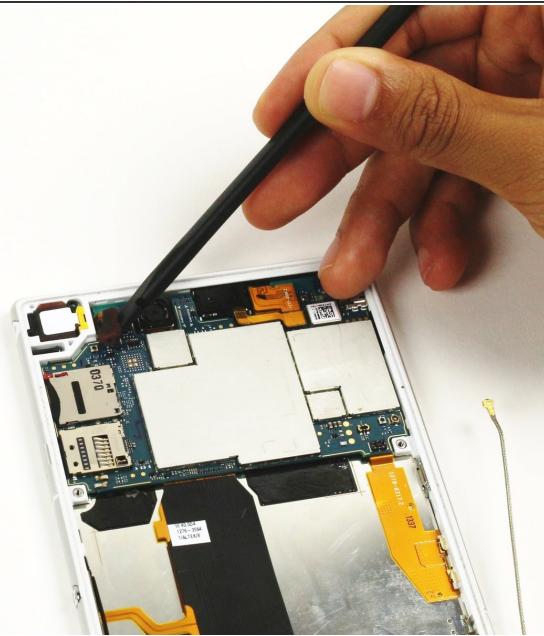
- Insert the spudger underneath the battery and run it back and forth to remove any adhesive.

Step 11



- Remove the battery from the phone.

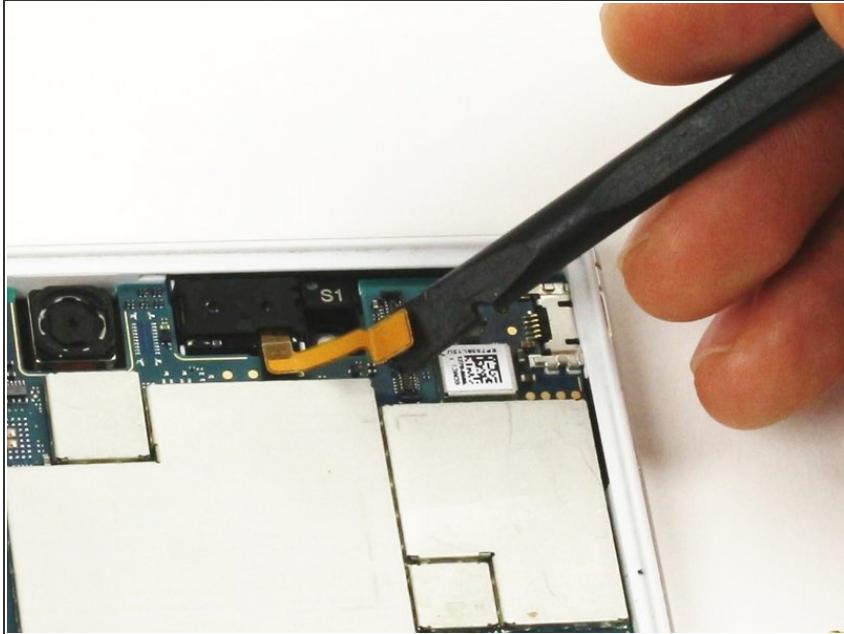
Step 12 — Headphone Jack



⚠ 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.

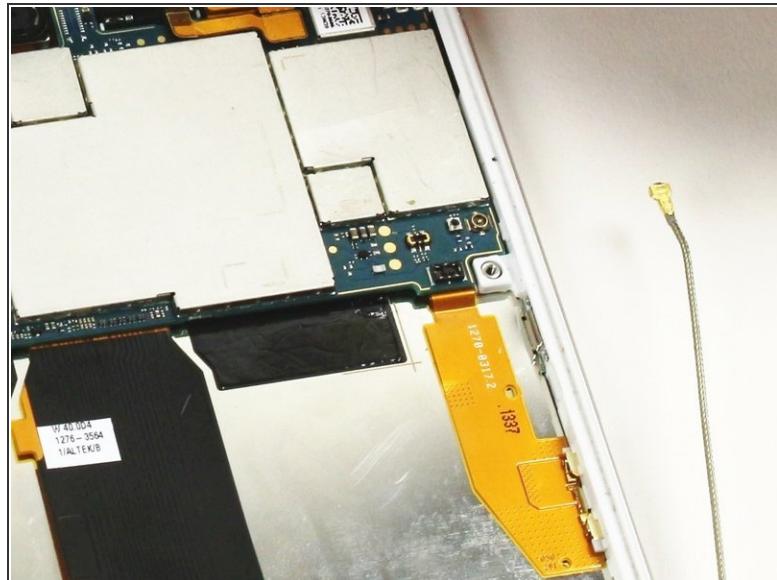
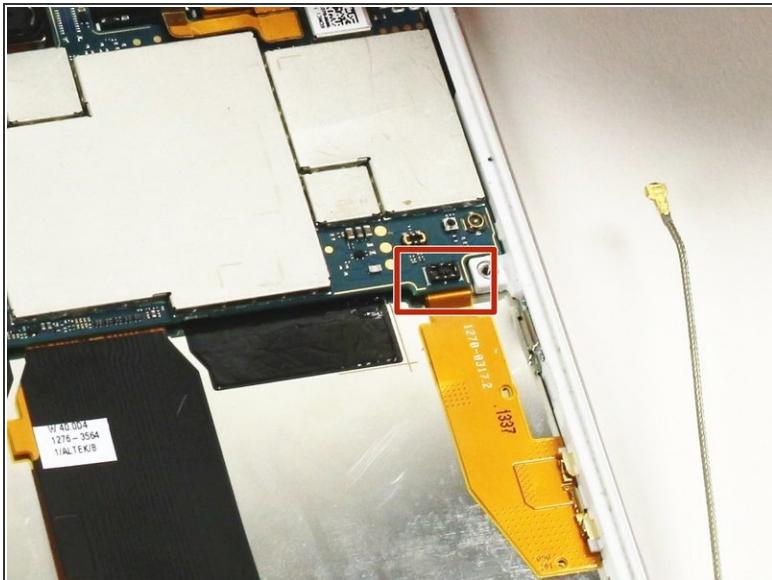
Step 13



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

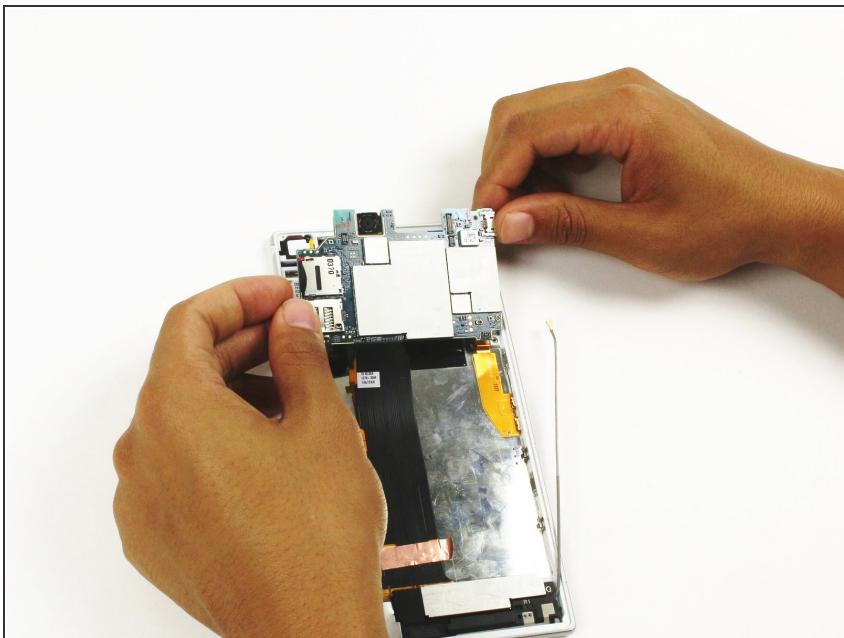
- Detach the earphone jack connection by prying it upwards with the spudger.

Step 14



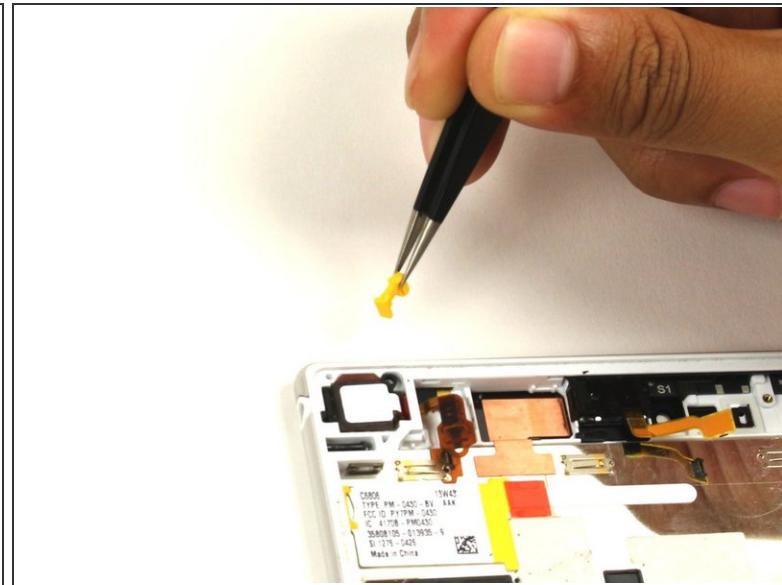
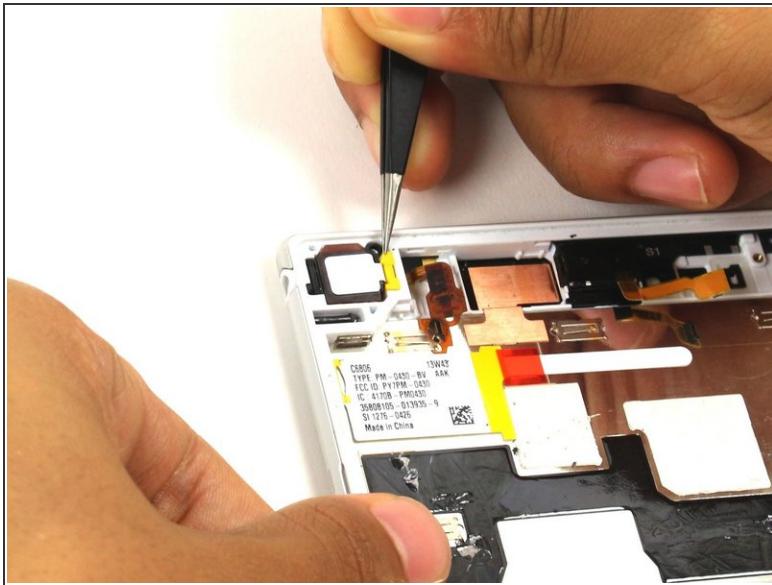
- Disconnect the ribbon cable at the bottom right of the motherboard. (It's shown tucked under the motherboard in this photo, which is incorrect—don't do this!)

Step 15



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

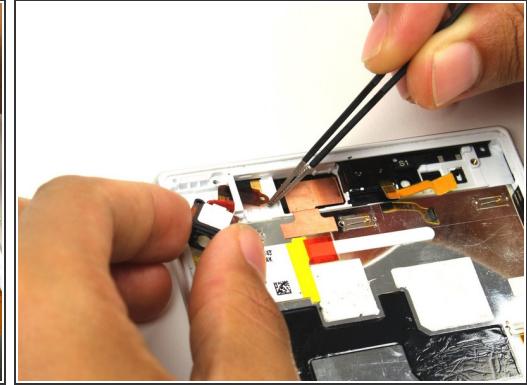
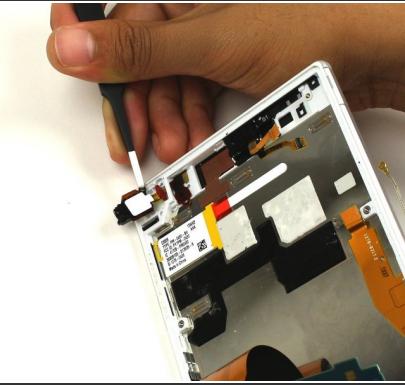
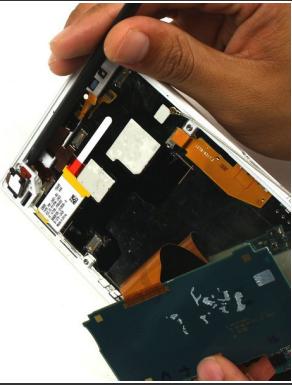
Step 16



- Remove the yellow clip that secures the headphone jack slot with a pair of tweezers.

(i) 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

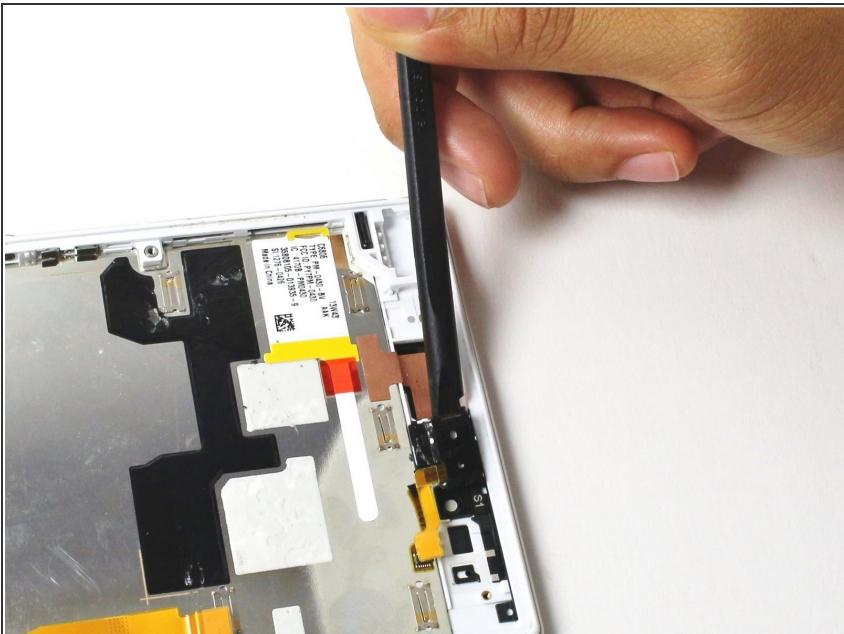


- Push the red stopper of the headphone jack connection through the plastic tunnel with the spudger.

⚠ 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.

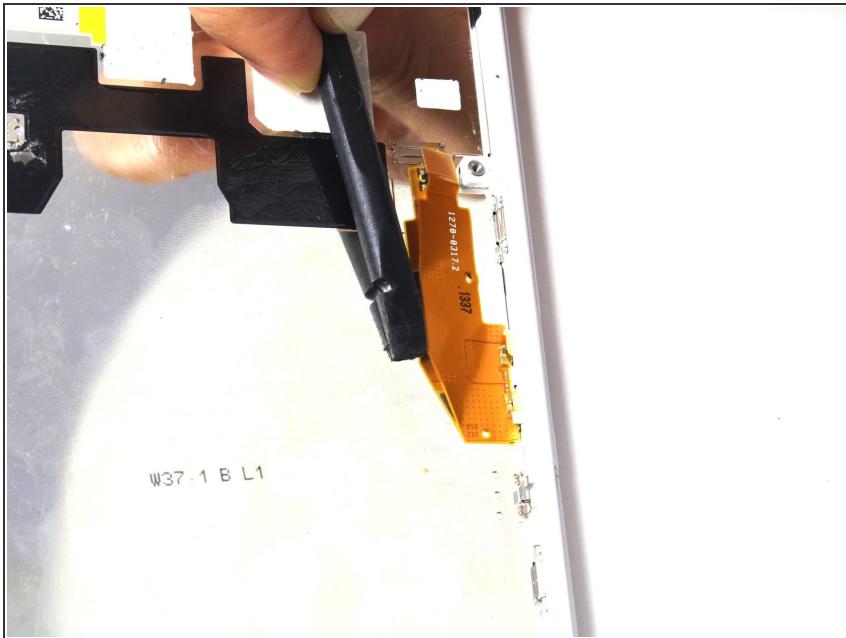
Step 18 — Screen



- Using the spudger, detach the listening speaker from the motherboard by prying it upwards.

i If necessary, use tweezers.

Step 19



- Slide the spudger below the orange ribbon to remove it from the reflective backing.

 The ribbon is very thin and breakable, use care.

Step 20



- Use iOpener on the screen of your device to loosen the adhesive below the screen.

(i) If unfamiliar with using an iOpener, click [here](#) for specific instructions.

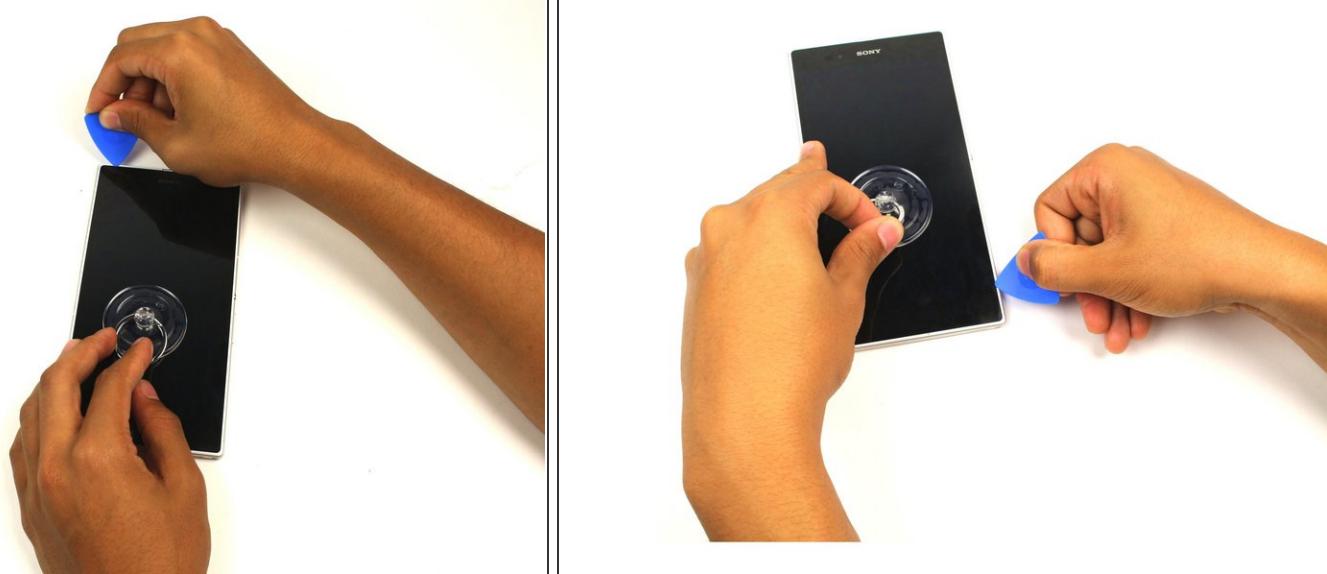
(i) If you do not have access to an iOpener Kit, you may use a hair dryer on its lowest setting. Heat evenly around the screen edges at a 45 degree angle for 25-30 seconds.

Step 21



- Once the screen is heated sufficiently, press the small suction cup to the center of the screen.

Step 22



- Beginning at the corner of the screen, insert the opening pick into the space between the screen and casing.
- While pulling on the small suction cup, gradually slide the pick along the edges of the screen until it is separated from the casing.

(i) Due to the adhesive, resistance will be felt when sliding the opening pick.

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