Azpen A909 Microphone Replacement

A brief guide demonstrating how to properly replace the microphone.

Written By: Jordan

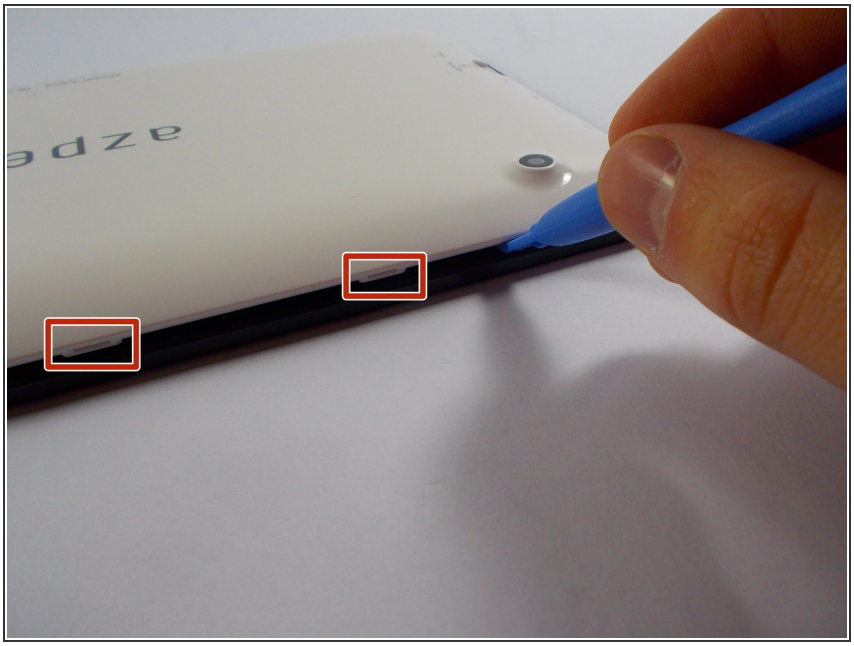
TOOLS:

- Phillips #00 Screwdriver (1)
- iFixit Opening Tools (1)
- Soldering Iron (1)
- Solder (1)
- Desoldering Braid (1)

Step 1 — Back Cover

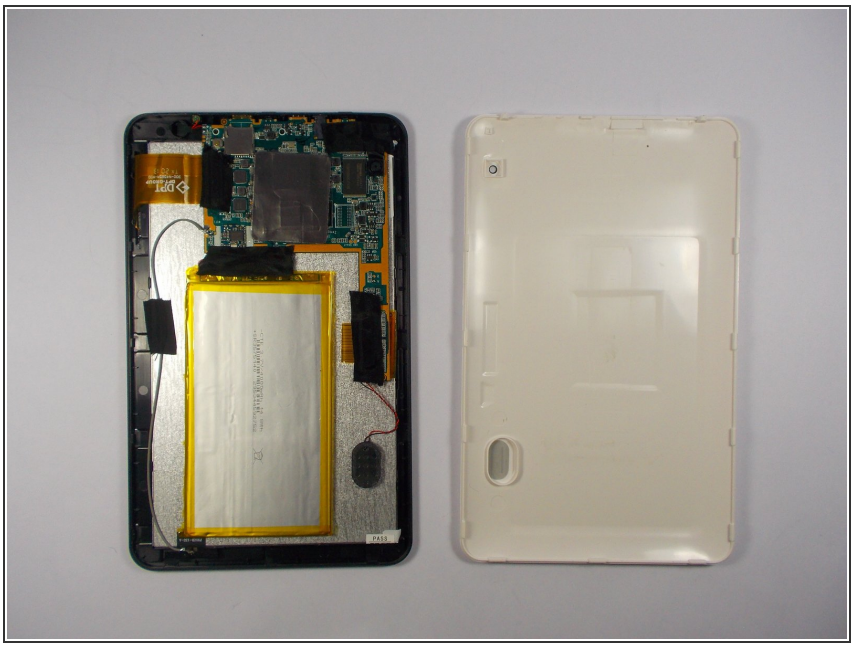
- Begin by unscrewing the two 1.4 mm diameter Phillips #00 head screws at the top of the device.

Step 2



- Next, gently pry the cover off with a plastic opening tool or a similar instrument by loosening all of the anchoring points. Two of the anchoring points are circled in the image. Avoid excessive bending or pivoting, since doing so may break the anchoring points.

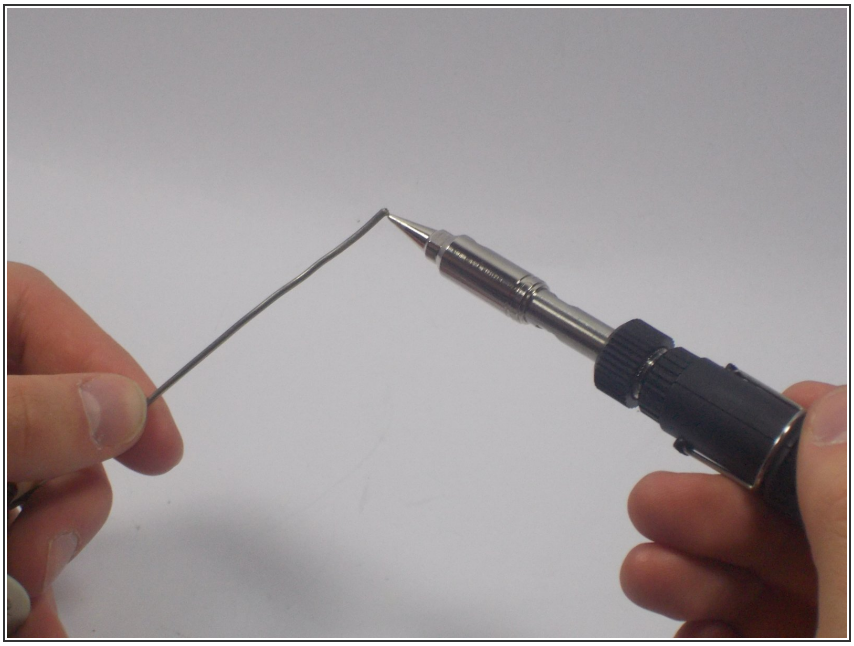
Step 3



- After prying open all of the anchoring points, the cover will lift off of the tablet.

To replace the cover, simply snap it back in place and re-insert the two screws. Because the speaker is not fully fixed to the interior of the tablet, make sure that it is in the position that will allow it to fit inside the speaker mounting on the cover.

Step 4 — Microphone



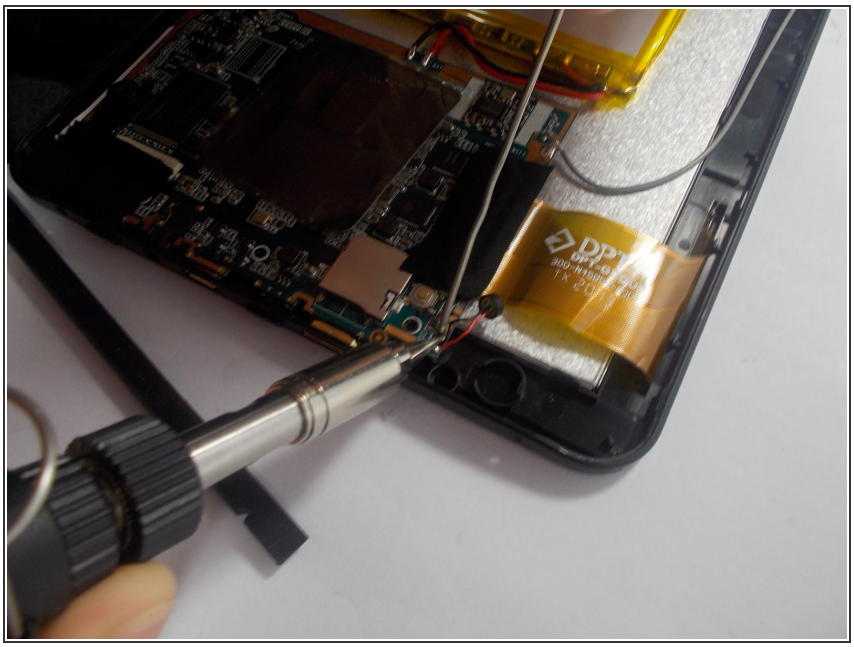
If you have never soldered before, there are guides on the internet and even on iFixit that make it easy to

learn. We suggest becoming familiar with soldering before proceeding.

Now we are ready to begin the soldering process. You'll need a soldering iron, solder, and desoldering wick.

- Clean the soldering iron by melting a small amount of solder onto the soldering iron's tip. Then wiping the tip of the soldering iron on a damp sponge.

Step 5



If you are new to soldering, it is recommended that you check out iFixit's guide to soldering and desoldering.

- Place the desoldering wick on top of the existing solder ball.
- Hold the soldering iron in place until the solder melts into the wick.
- Repeat the same procedure on the remaining connector.
- Pull the desoldered wires off of the circuit board. They should come off with little to no resistance. If they do not come off easily, remove more solder from the contact points with the wick.

Step 6

- Grip the wires and slowly pull the microphone out of its mounting point. Some force may be needed.

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