



Azpen A720 Touch Screen Replacement

The touchscreen is embedded in the outer front...

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INTRODUCTION

The touchscreen is embedded in the outer front casing of your Azpen A720 tablet. If the front touch screen is cracked or is not responding properly to touch, you should replace it. This replacement is moderately difficult, and it may take some time and patience, but this guide will help you through the process of replacing the tablet's front casing and touch screen.

TOOLS:

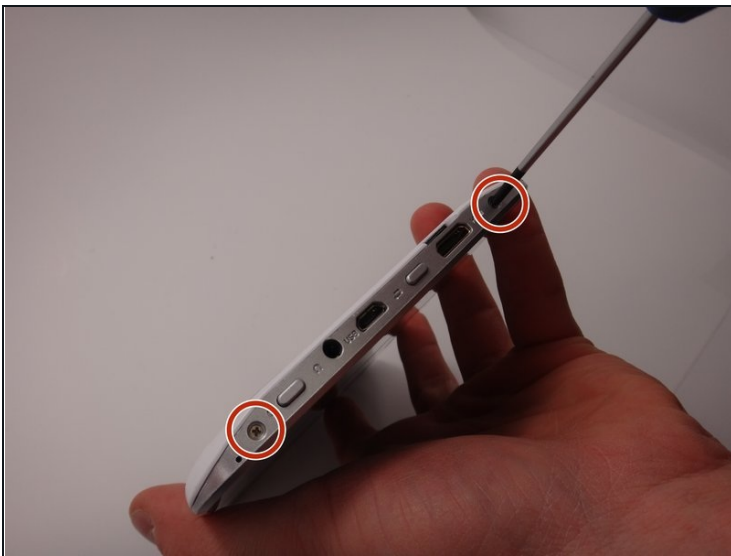
[Magnetic Project Mat](#) (1)

[Phillips #00 Screwdriver](#) (1)

[iFixit Opening Tool](#) (1)

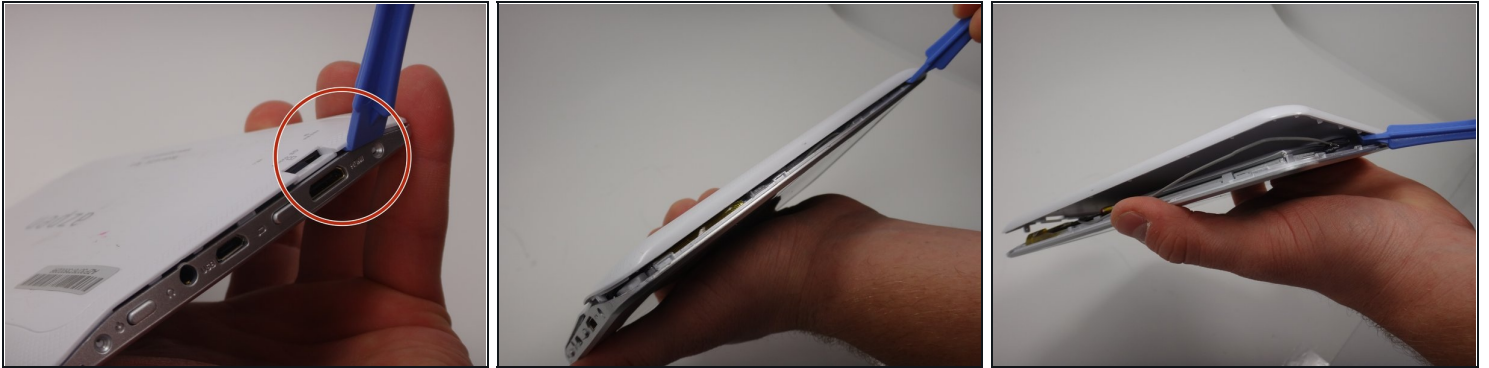
[Soldering Iron](#) (1)

Step 1 — Back Cover



- Use a Phillips #00 screwdriver to remove the two 4mm screws found on the top edge of the tablet near the power button.

Step 2



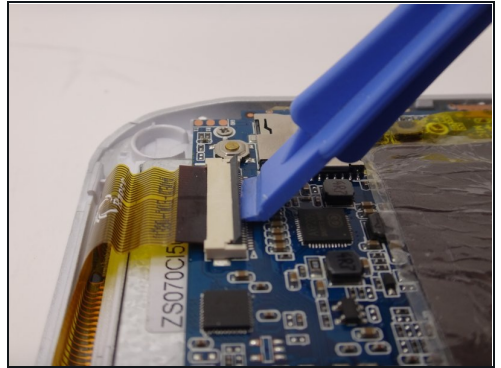
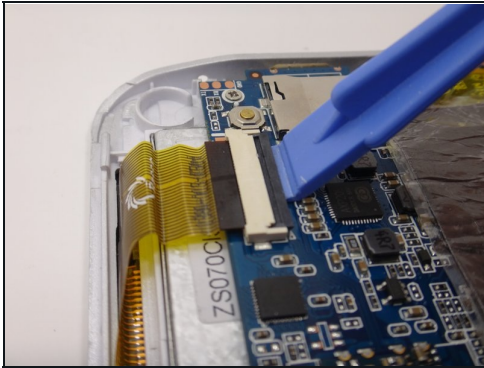
- Use the plastic opening tool to pry the white back from the silver frame. Start near the micro SD slot.
 - ① Slide the plastic opening tool around the perimeter of the casing until the back is disconnected.

Step 3



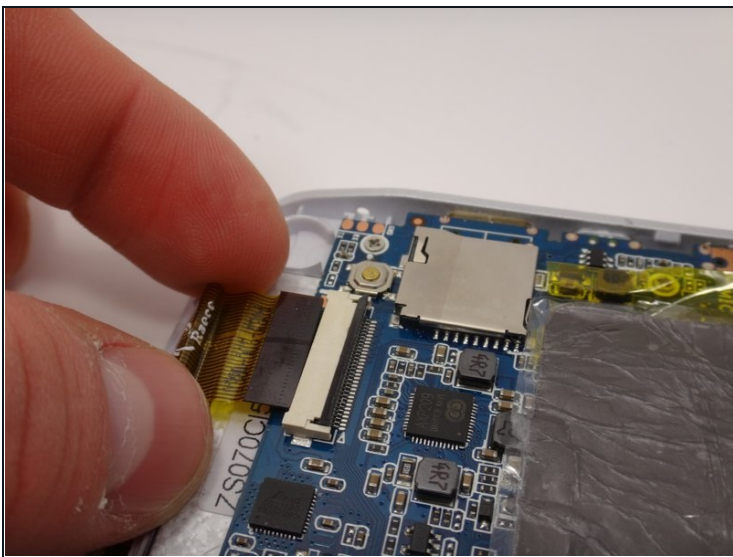
- Remove the rear casing.

Step 4 — Touch Screen



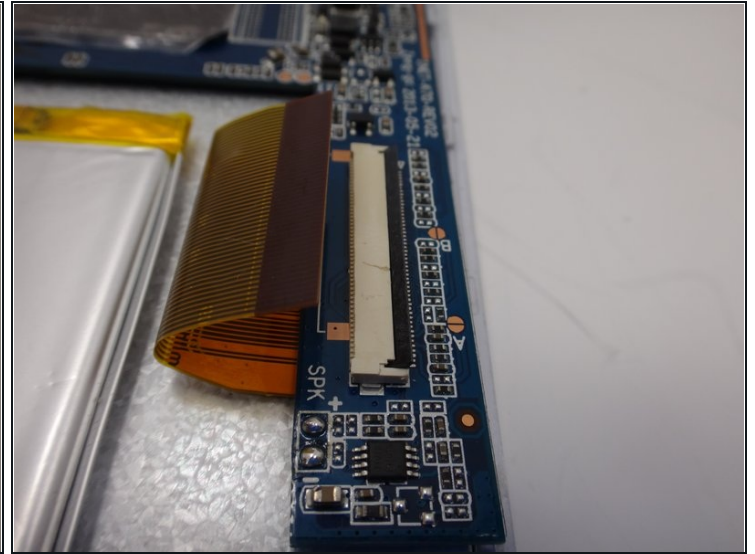
- Use the plastic opening tool to gently lift the release lever for the ZIF cable.
⚠ The ZIF connector is delicate. Be careful not to damage the tab!

Step 5



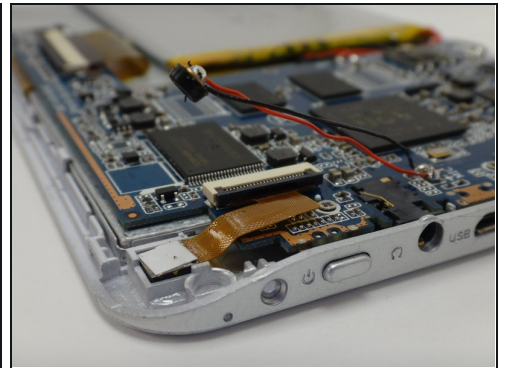
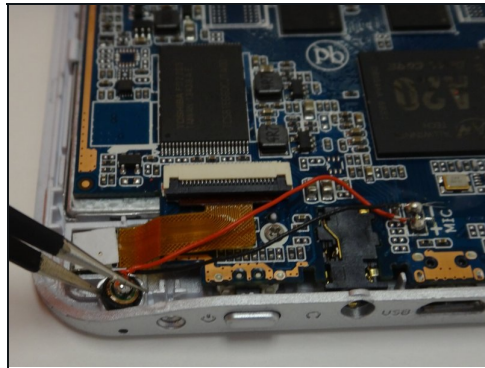
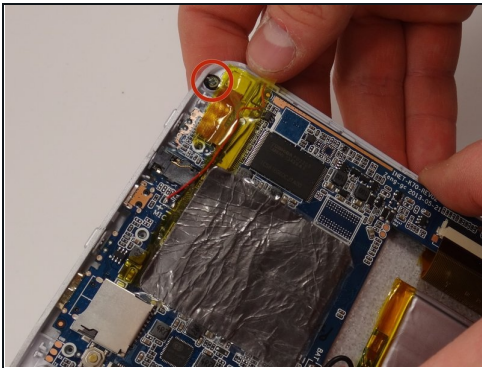
- Gently remove the ZIF cable from the connector.

Step 6



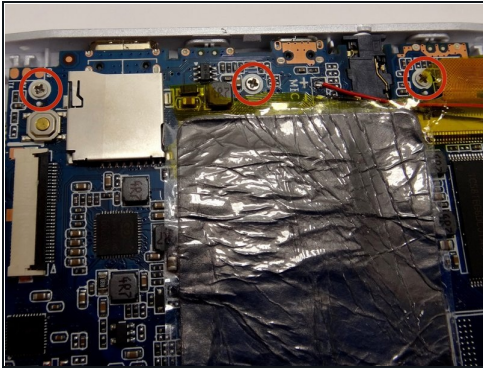
- Disconnect the second ZIF connector using the same method detailed earlier.

Step 7



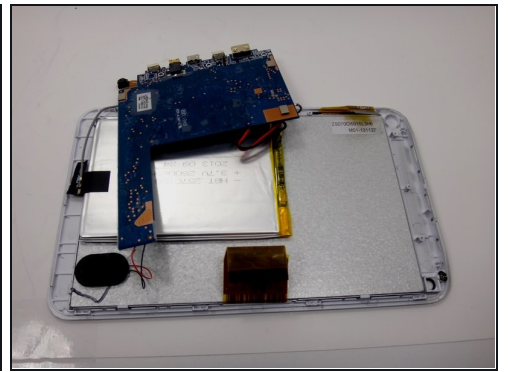
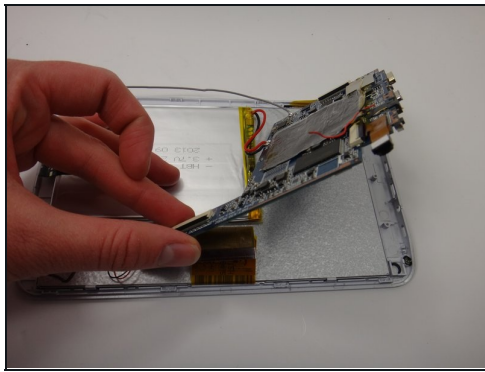
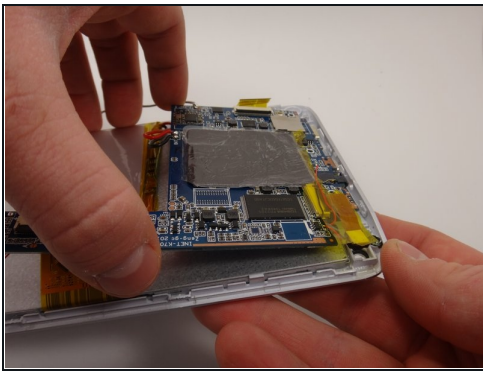
- Locate the microphone. It is at the top of the device and next to the audio jack.
- Using [tweezers](#), gently remove the microphone.
- ☑ Remember to reinsert the microphone when reassembling!

Step 8



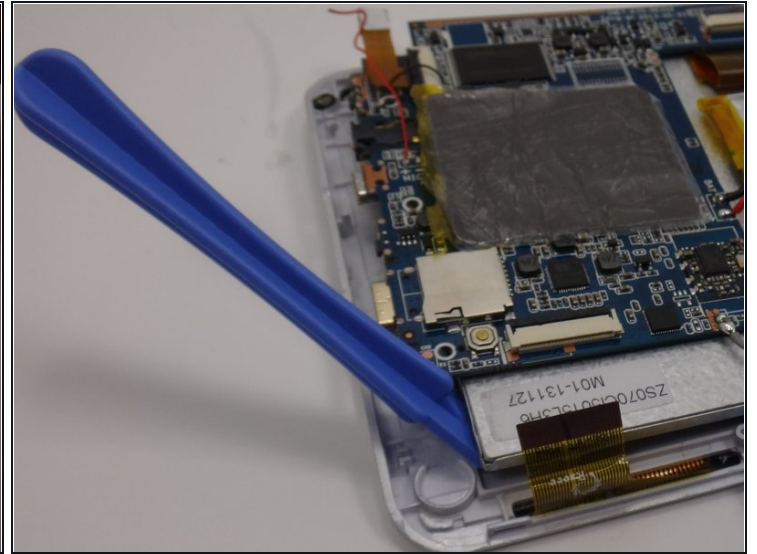
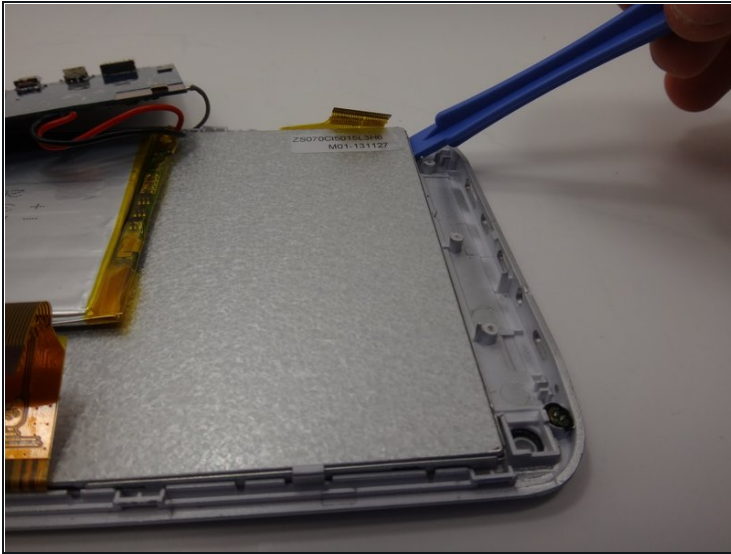
- Remove the three 4mm Phillips #00 screws securing the motherboard in place.

Step 9



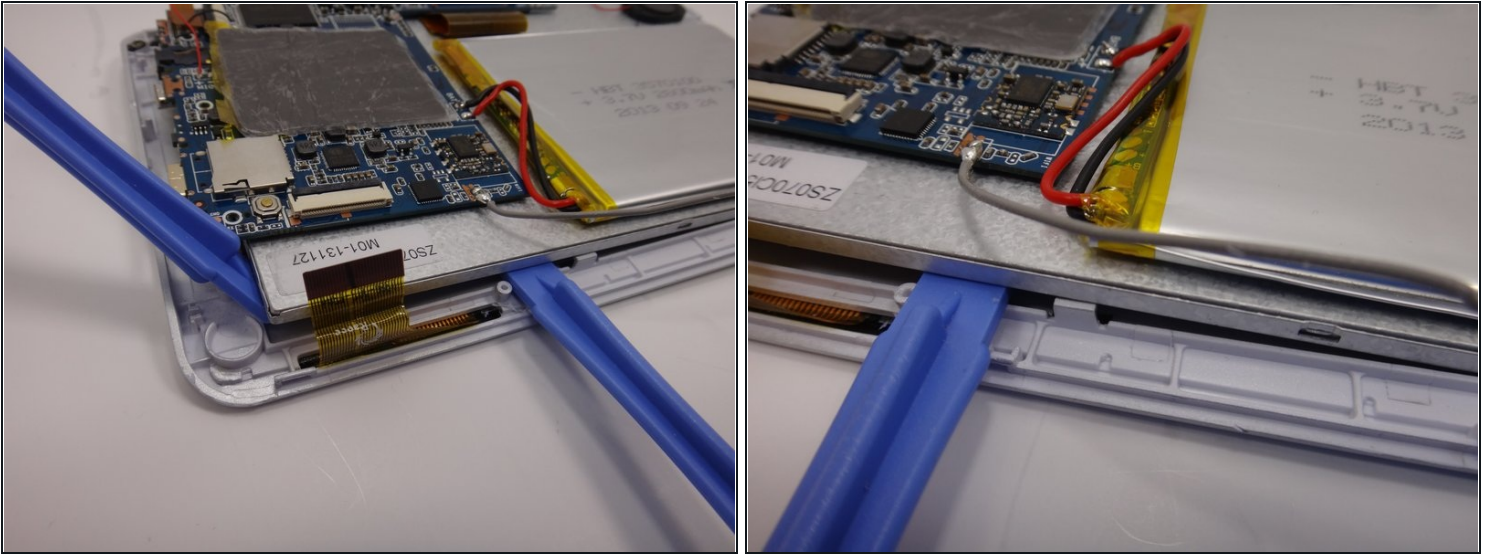
- Remove the motherboard from the casing, being careful not to damage the remaining wires.
 - ① It's okay if the buttons fall out of the case.
- Flip the motherboard so it rests upside down and out of the way of the metal backing.

Step 10



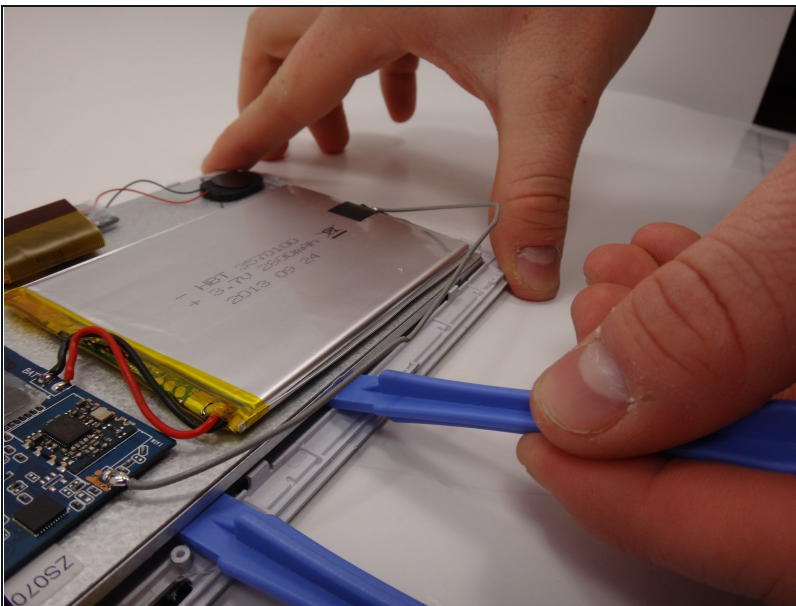
- Starting at the edge, use a plastic opening tool to carefully pry the front casing off of the metal backing.
 - ① Leave the plastic opening tool in place underneath the metal backing to prop it up.
 - ① Move the motherboard out of the way as needed.

Step 11



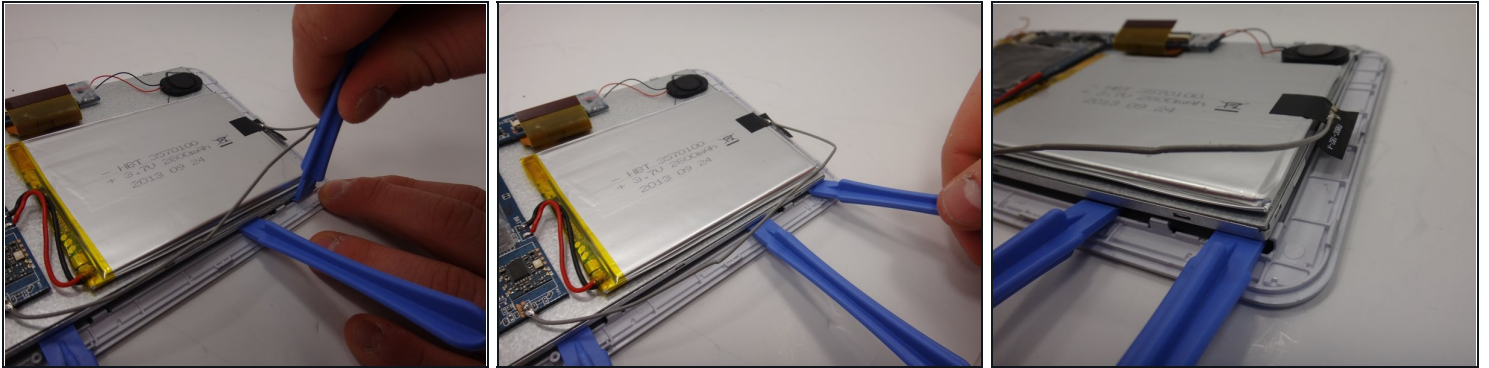
- Using a second plastic opening tool, pry the adjacent side of the metal backing from the front casing/touch screen.
⚠️ Pry close to the plastic tabs so you do not break them.
- Leave the plastic opening tool in place underneath the metal backing to prop it up.

Step 12



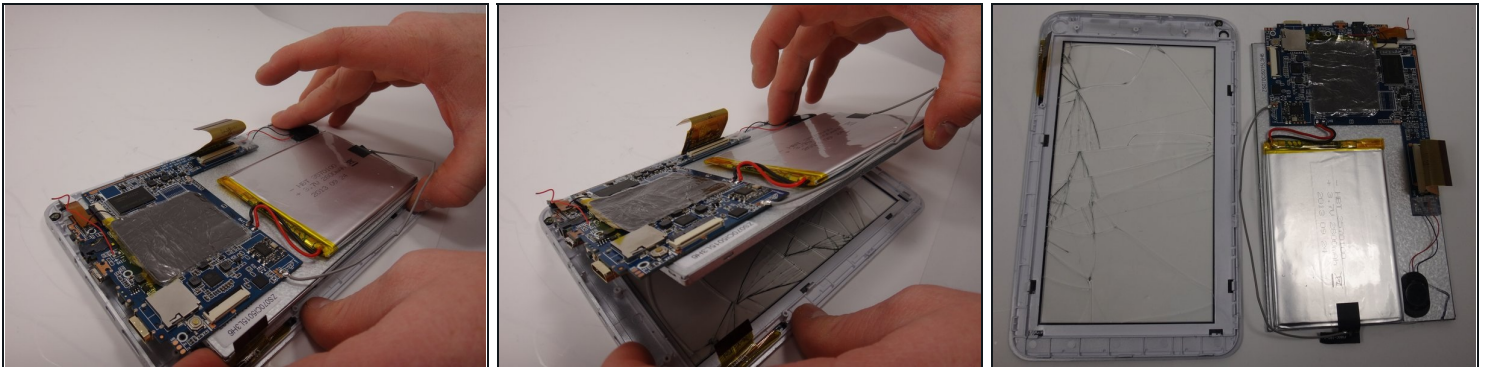
- Remove the first plastic opening tool and use it to pry along the second edge.
- Slide the tool along the edge until it is close the next tab, and gently pry the metal up.

Step 13



- Use a third plastic opening tool to pry at the corner of the tablet and pop off the metal backing.

Step 14



- Lift the metal backing from the propped edge to remove it from the front casing.
- Replace the broken front touch screen and casing with a new one.

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