



Acer Iconia Tab A500 Screen Replacement

Dropped your tablet and cracked the screen? Maybe it just isn't working. Check out this guide to help you repair it.

Written By: Kyle Libby



INTRODUCTION

This guide will provide step by step instructions on how to replace the screen on an Acer Iconia Tab A500.

TOOLS:

- Spudger (1)
- Phillips #1 Screwdriver (1)
- 64 Bit Driver Kit (1)

Step 1 — Back Case



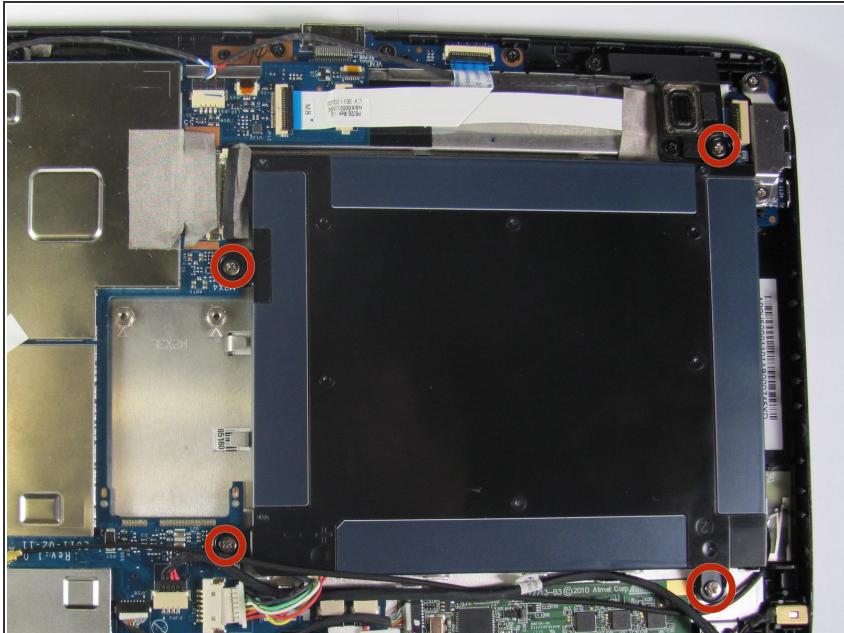
- To start, gently separate one corner of the case using the black spudger.

Step 2



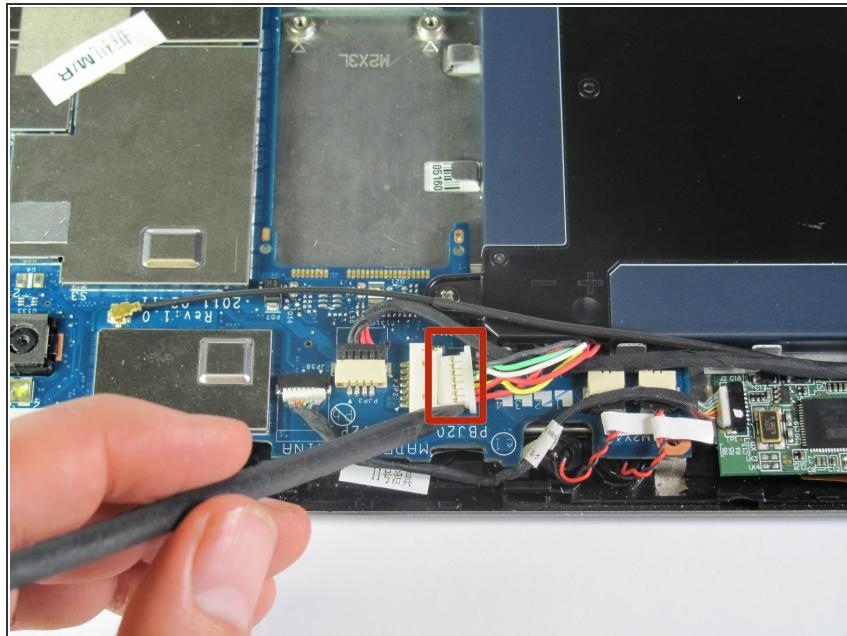
- Once you have successfully pried the spudger in between the front case and back case, continue do so around the entire tablet until the back case is completely disconnected.

Step 3 — Battery



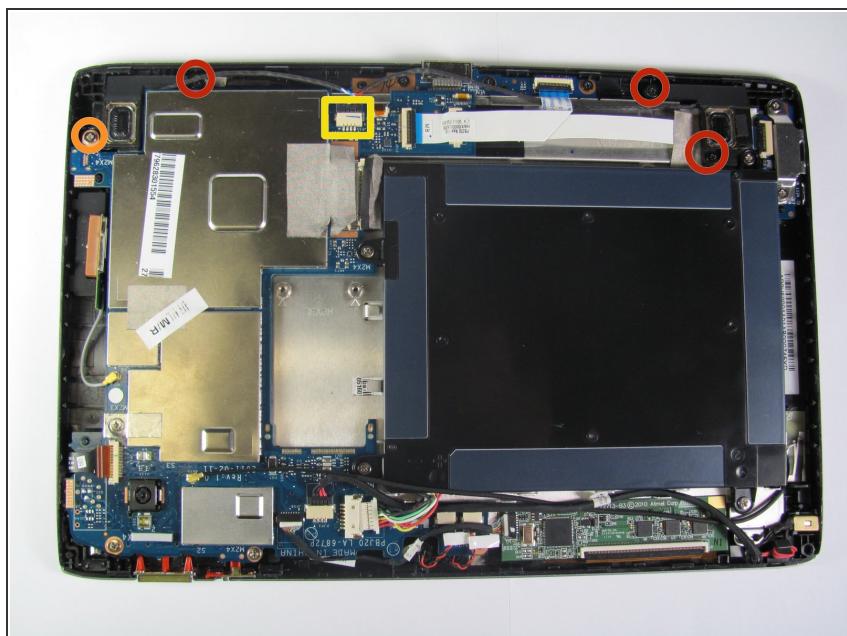
- Remove the 5mm screws that are securing the battery to the rest of the tablet.
- Use the Phillips #00 Screwdriver to remove the 5mm screws.

Step 4



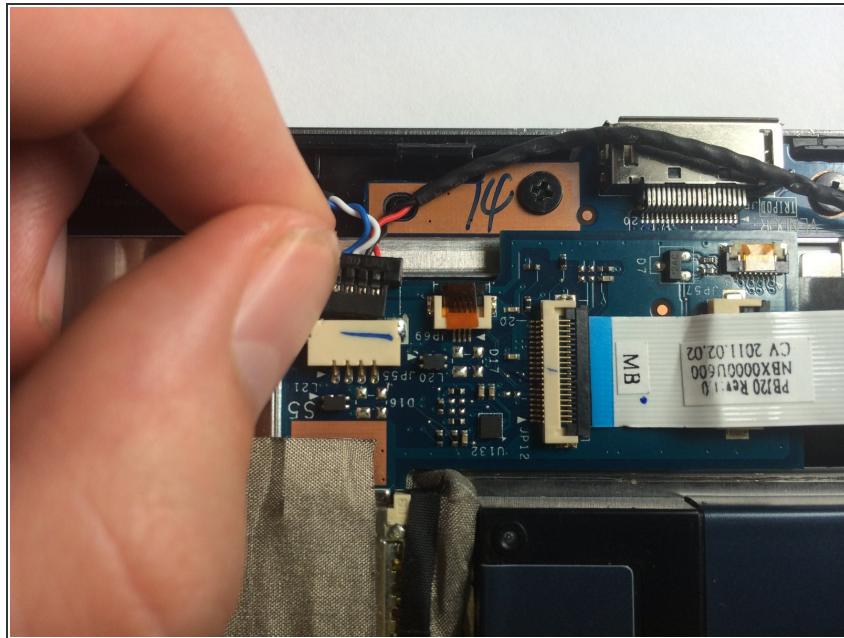
- Use the sharper end of the spudger to disconnect the battery from the mother board.
- The battery connector will slide off.

Step 5 — Speakers



- Locate the 4 screws and cable that hold in the two speakers.
- Use the Phillips #1 screwdriver to remove these 2mm black screws.
- Remove the 2mm silver screws.
- **(i)** Not all 4 screws are going to be the same kind. This will not affect the speaker replacement.
- Connector Cable

Step 6



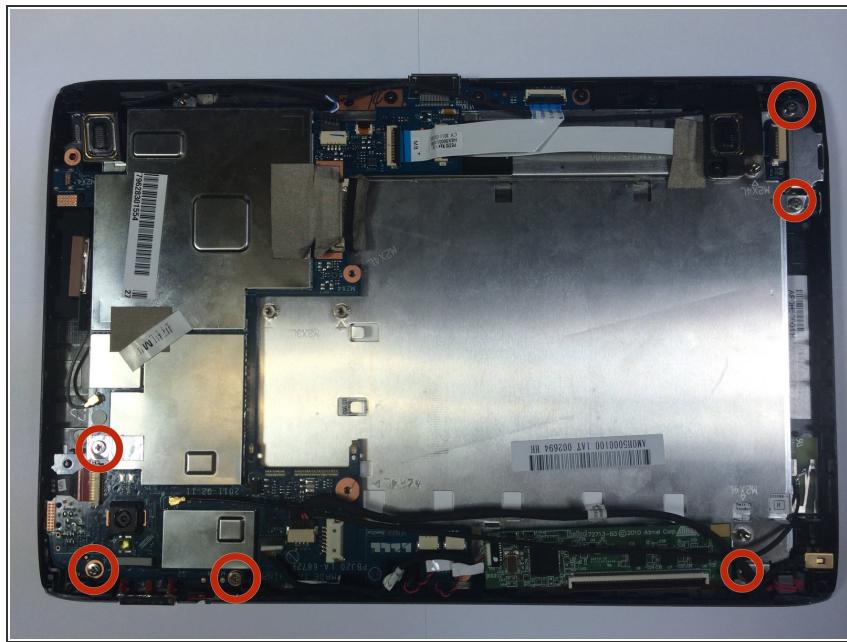
- Carefully remove the connector cable by pushing on the rim of black plastic insert.

Step 7



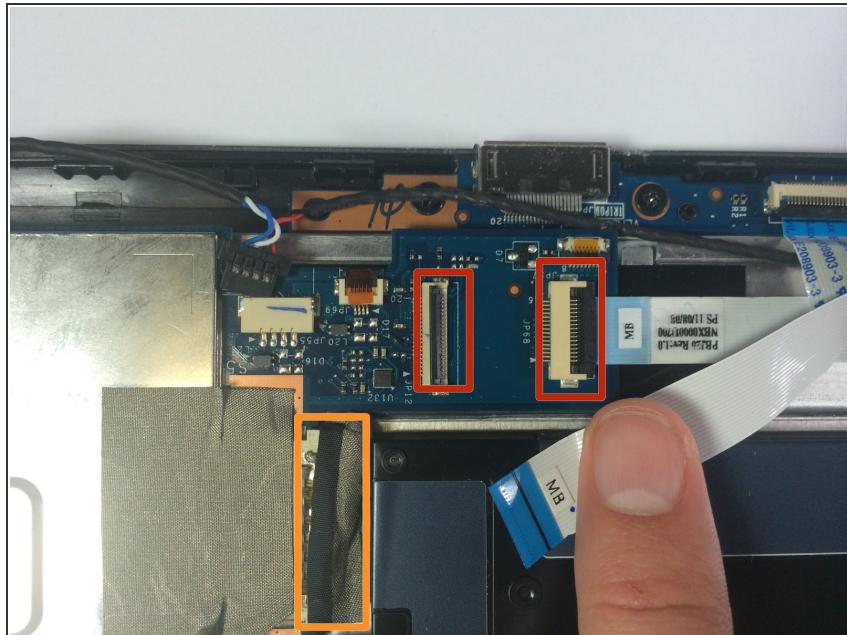
- Unfortunately, the top speaker is a wedged under the motherboard.
- To get this speaker out, use the spudger and gently pry it out.

Step 8 — Power Button



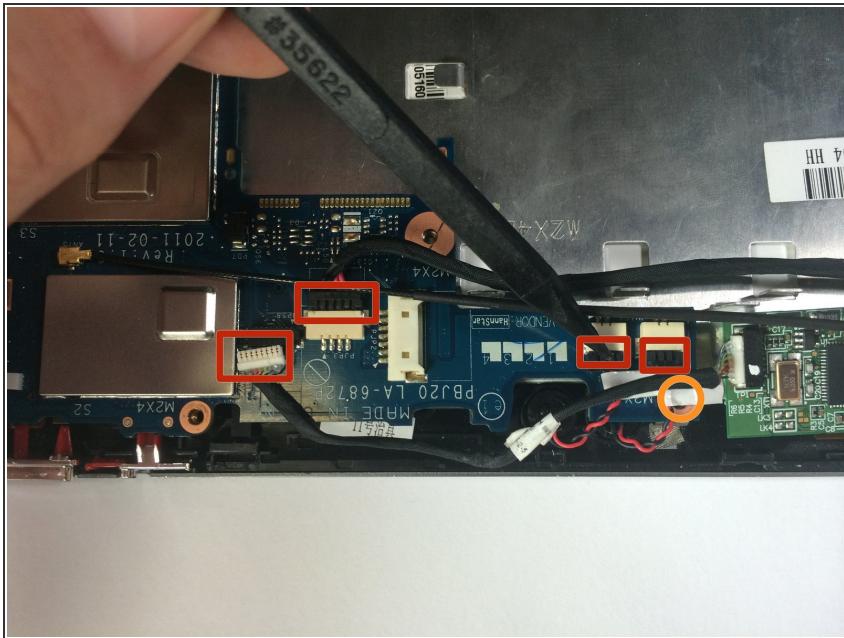
- Using the Phillips #1 screwdriver, remove the screws near the edges of the tablet.
- (i)* They may be different sizes, the silver are 5mm and the black are 2mm.

Step 9



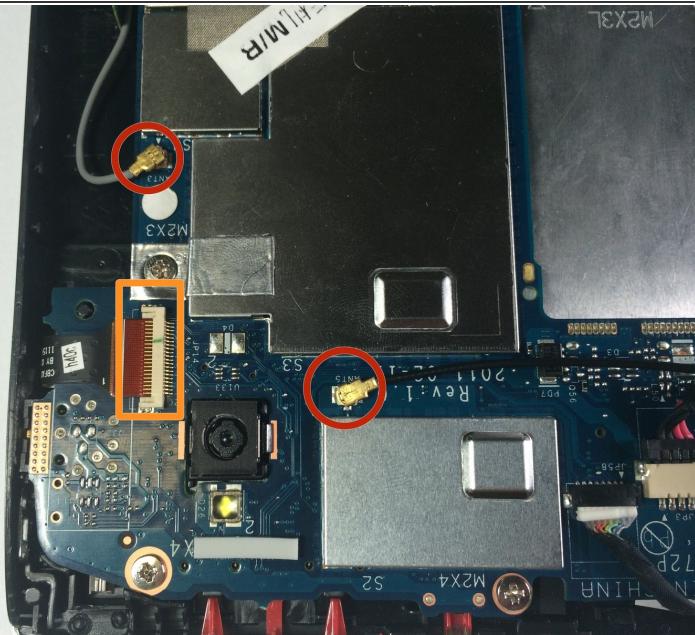
- Lift up on the black flaps to release the flat cables.
- Pull this Connector off.

Step 10



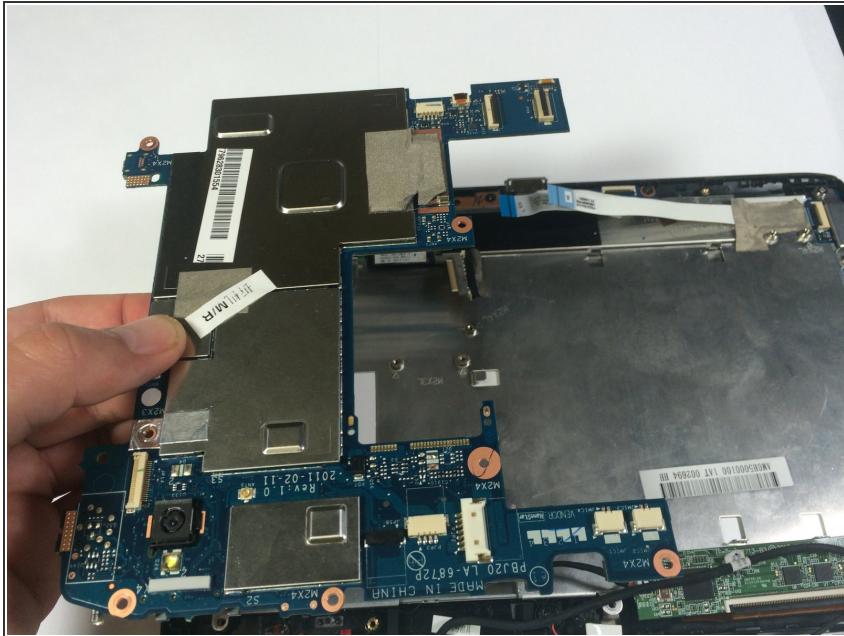
- Use the spudger to detach the indicated cables.
- Remove the last motherboard screw under the rightmost cable. It is a silver 5mm.

Step 11



- Disconnect the two gold connectors by pulling straight up on them with your fingers.
- Like before, lift up on the black flap to detach the cable.

Step 12



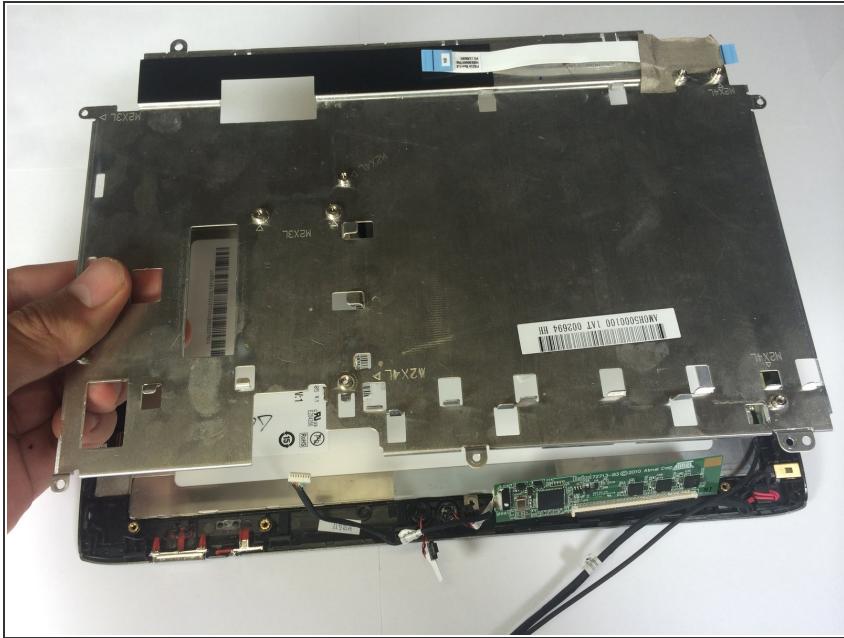
- Having disconnected all those pesky cables, the motherboard lifts cleanly out.

Step 13 — Screen



- Remove this component near the edge of the tablet by unscrewing the 5mm screw holding the top in place.

Step 14



- Lift the silver case, exposing the back side of the screen.

Step 15



- Use the spudger to pry off the screen, it is held in by a film of glue around the rim.

Step 16



- Swap the screen and you're finished!

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