



Disassembling APEX AP-GS918 Screen

This guide will show you how to safely remove a broken screen.

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INTRODUCTION

If your screen has become damaged--cracked, scratched, or more--then it is in need of replacement. This guide will show you how to remove the battery and motherboard in order to access your broken screen.



TOOLS:

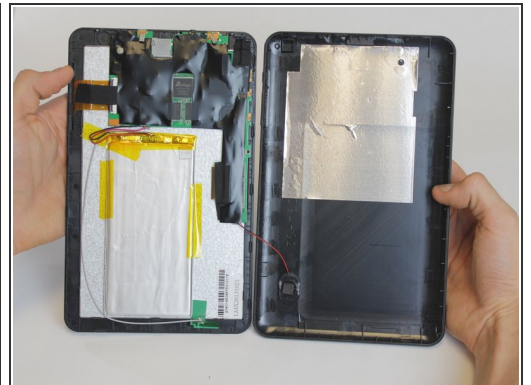
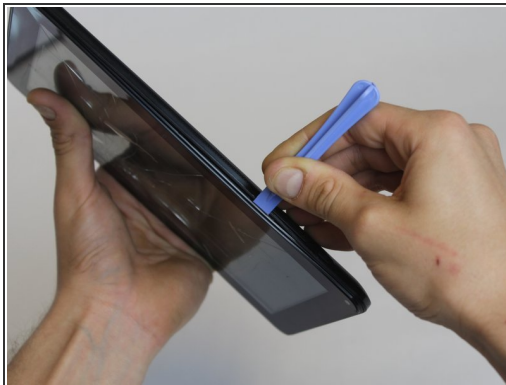
- [Phillips #00 Screwdriver](#) (1)
 - [Portable Soldering Iron](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Spudger](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Power/Volume Button



- To begin, locate the two 4.9mm Phillips #00 screws at the top corners of the case and remove them.

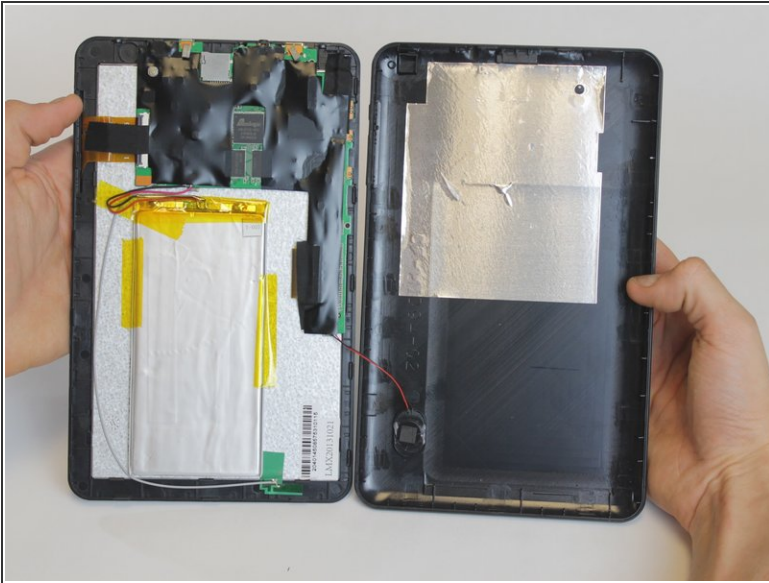
Step 2



- Squeeze the plastic opening tool in between the seam where the screen joins the plastic case.
- Begin separating the bottom of the case from the screen by carefully going around the whole edge of the case and slowly prying it apart.

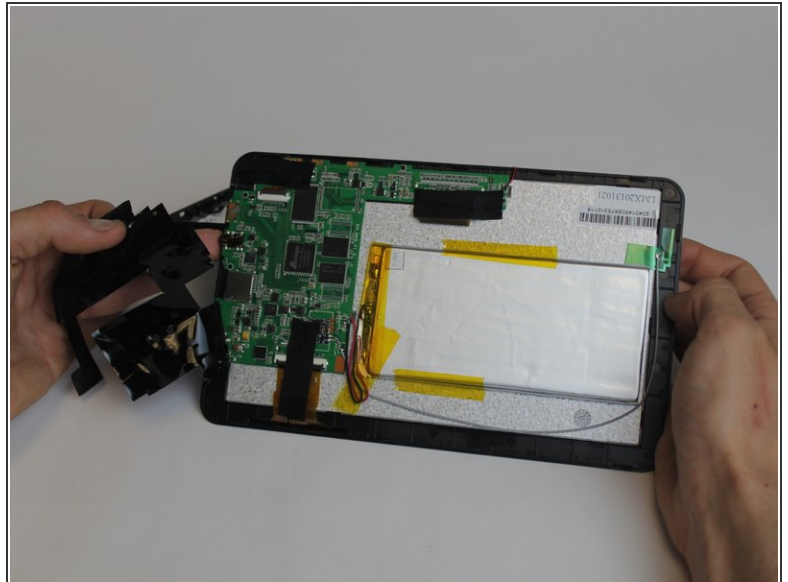
⚠ Be careful when separating the lids because the wires holding the speaker to the motherboard are very short.

Step 3



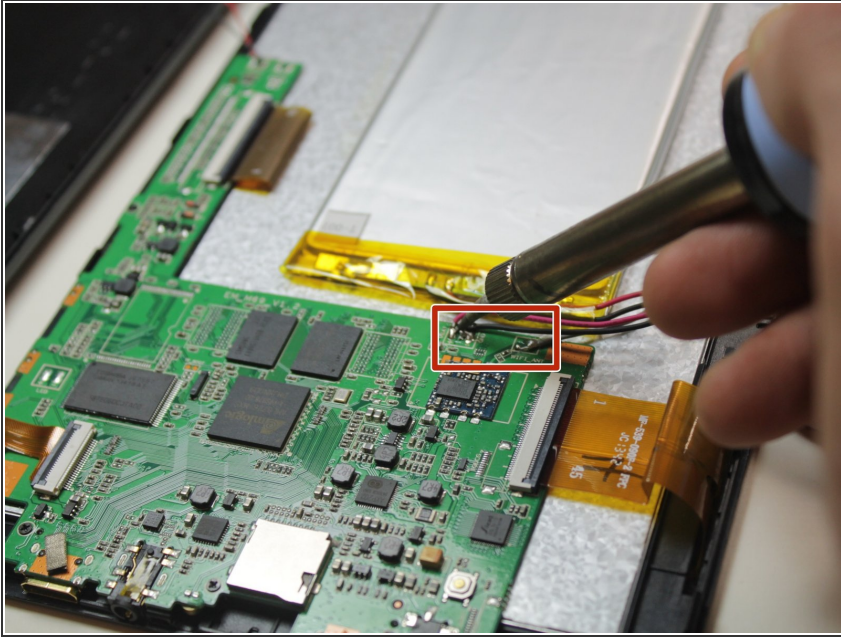
- Carefully place the bottom lid next to the screen case. The power/speaker buttons should be visible at the corner of the lid. Remove the buttons with the tweezers.

Step 4 — Battery



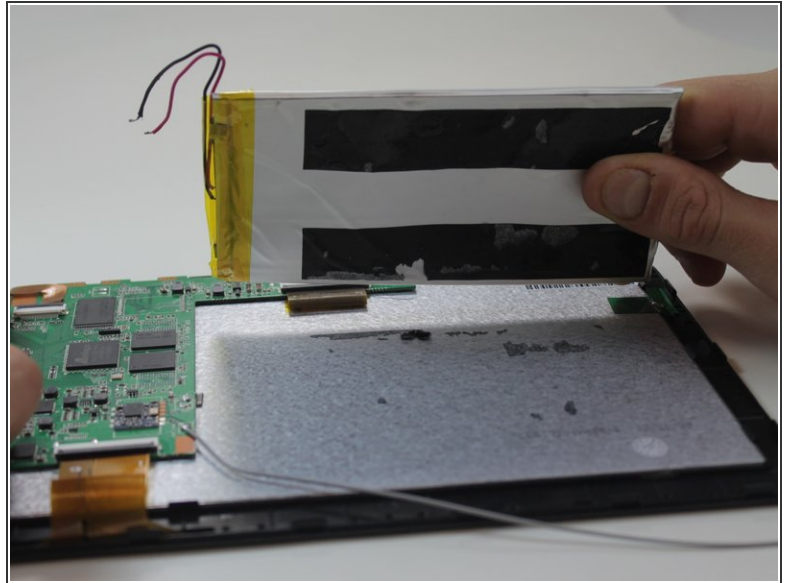
- Begin removing the black tape covering the motherboard inside the tablet.

Step 5



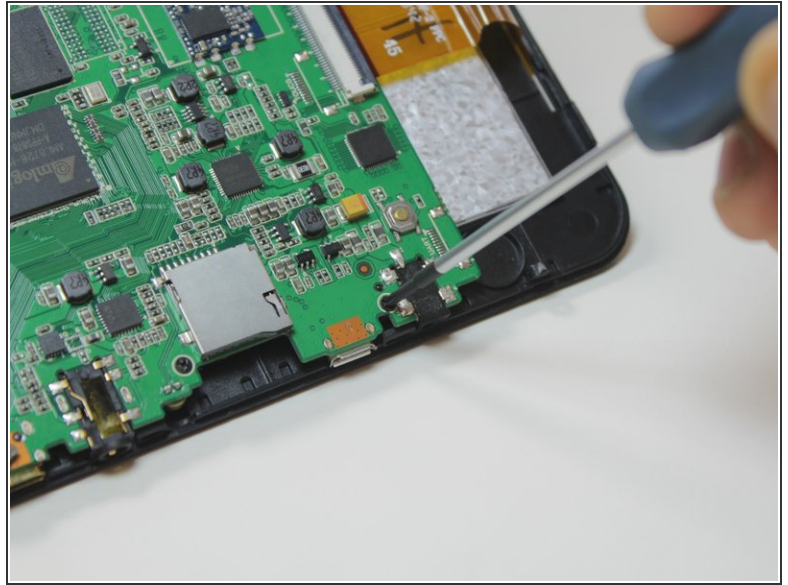
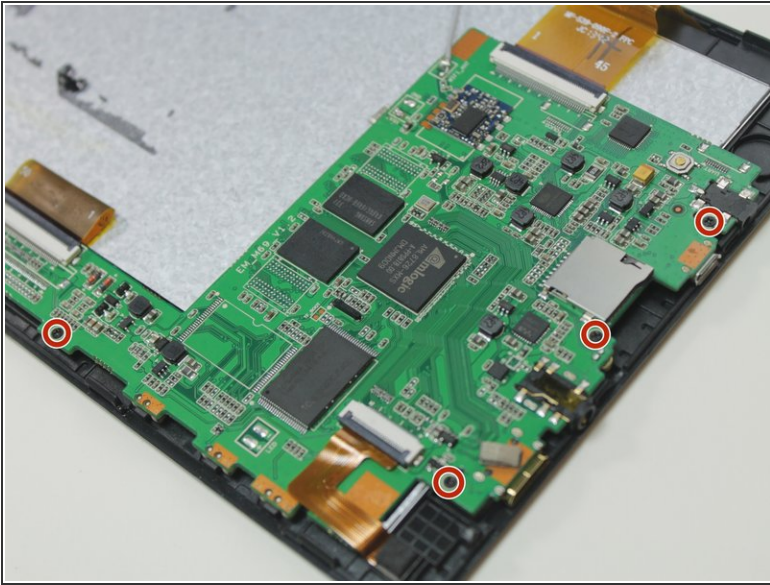
- You will need to desolder the two contact points that connect the battery to the mother board.
- ⓘ Make sure to allow ample time (at least 5-8 minutes or more) for the soldering iron to heat up. Otherwise, the solder won't melt.
- Touch the hot iron to the contact points and gently pull on the wires to loosen them from the solder. They should release easily.
- ⚠ Make sure not to touch the contact points after desoldering them because they will remain very hot for a short while afterwards.

Step 6



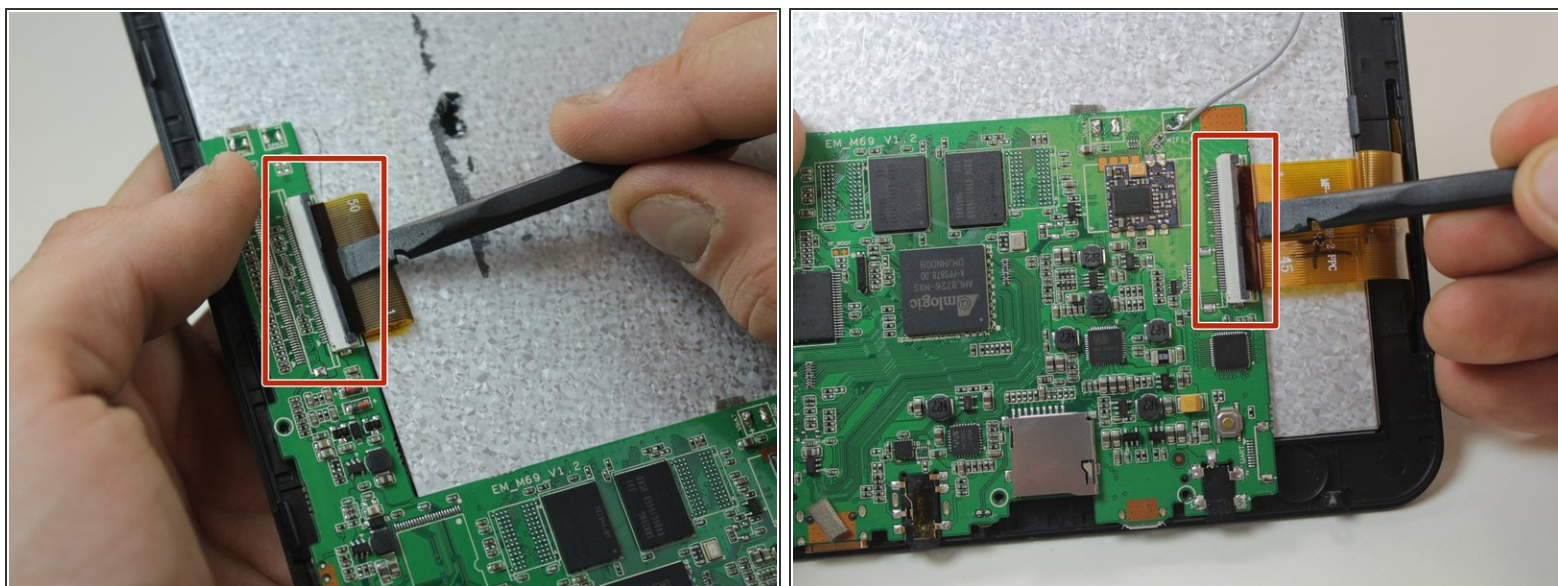
- Using the black nylon spudger, get underneath the battery and begin prying it loose from the rest of the tablet.
- ⓘ The tape holding the battery to the tablet has a very strong hold so be prepared for resistance.

Step 7 — Screen



- The motherboard will need to be removed in order to access the screen.
- To remove the motherboard you must first unscrew four 4.9mm Phillips #00 screws.

Step 8



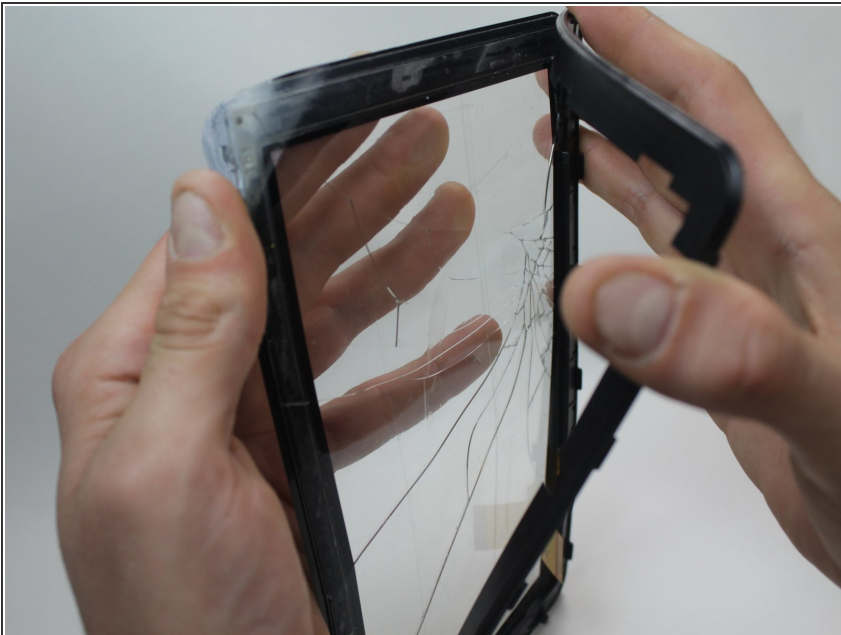
- To finish removing the motherboard you must release the two data cables holding the screen to it.
- Use the black nylon spudger to lift the gray clips up 90° on the white connectors.
- You can now remove the data cables from the slots and lift the motherboard out from the device.

Step 9



- After removing the motherboard, use the black nylon spudger to pop the screen out of the housing holding it to the front of the screen case.

Step 10



- Pull the thin plastic screen casing apart and you can remove the damaged screen.

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

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