



Acer Aspire 3000 Screen Replacement

This guide will take you through the process of replacing a broken or cracked screen on an Acer Aspire 3000.

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INTRODUCTION

This guide will take you step by step through the process of replacing the screen on an Acer Aspire 3000. This process will involve removing the battery and keyboard as well, and will take roughly 30 minutes to complete

TOOLS:

- [64 Bit Driver Kit \(1\)](#)
- [Heavy-Duty Spudger \(1\)](#)
- [J1 Screwdriver Bit \(1\)](#)
- [Metal Spudger \(1\)](#)

Step 1 — Battery



- Begin with the device face down.
- Orient the laptop so that the battery is on the side opposite of you and the headphone ports are facing towards you.

Step 2



- Slide the button found below the battery to the left into the unlocked position.

(i) You will know the battery is unlocked if the tab is pushed to the side where the symbol is unlocked.

Step 3



- Locate the battery and the tab to the right of it.
- Pull the tab to the right while simultaneously pushing the battery away from you.

⚠ Make sure you push the battery only when tab is held in the right position in order to avoid damage to the device.

Step 4 — Wireless Card



- Remove the two 4.6 mm Phillips #1 screws on the lower edge of the laptop case.

Step 5



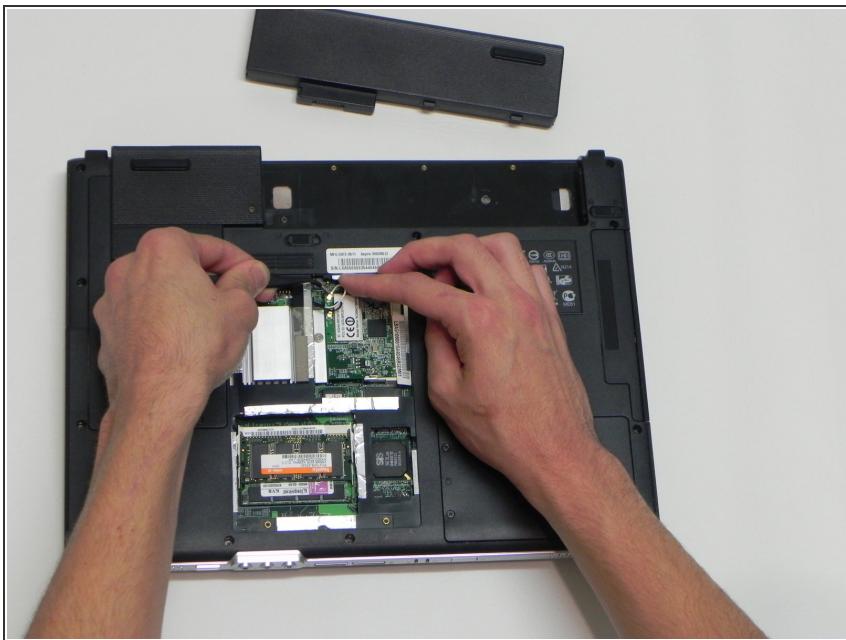
- Pop the three side tabs out of the back case.

Step 6



- Remove the panel that covers the graphics card.

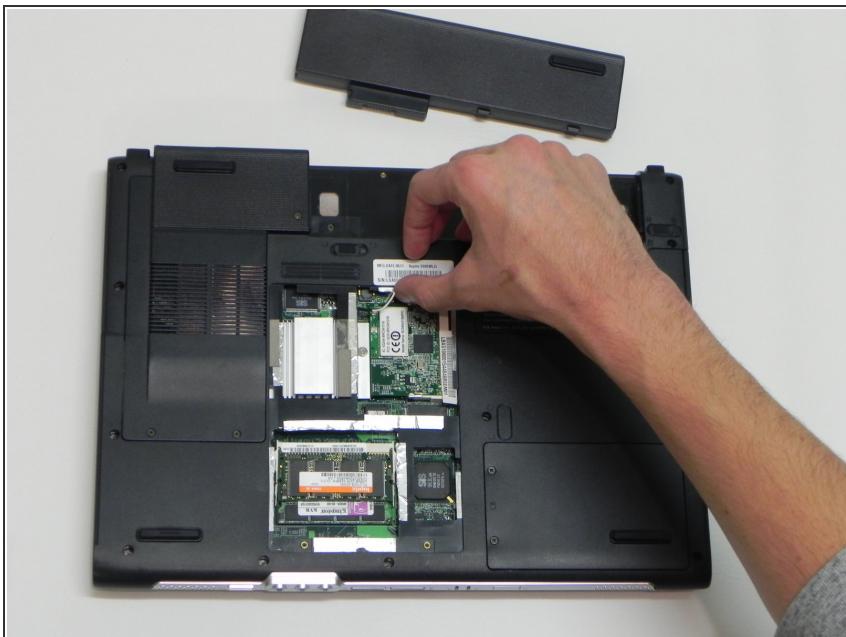
Step 7



- Remove the black and white cables attached to the graphics card.

⚠ Be careful to lift vertically as to not mess up either part of the connectors.

Step 8



- Push the white flanges on either side of the graphics card out.

ℹ The card should lift on its own slightly out of the case.

Step 9



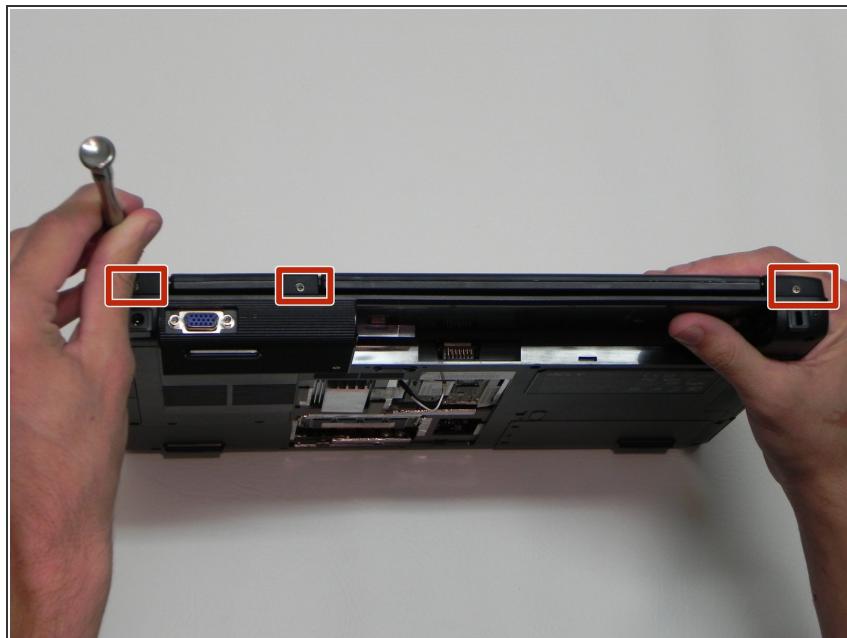
- Remove the card by lifting up and away from the edge that has all of the contacts on it.

Step 10 — Keyboard



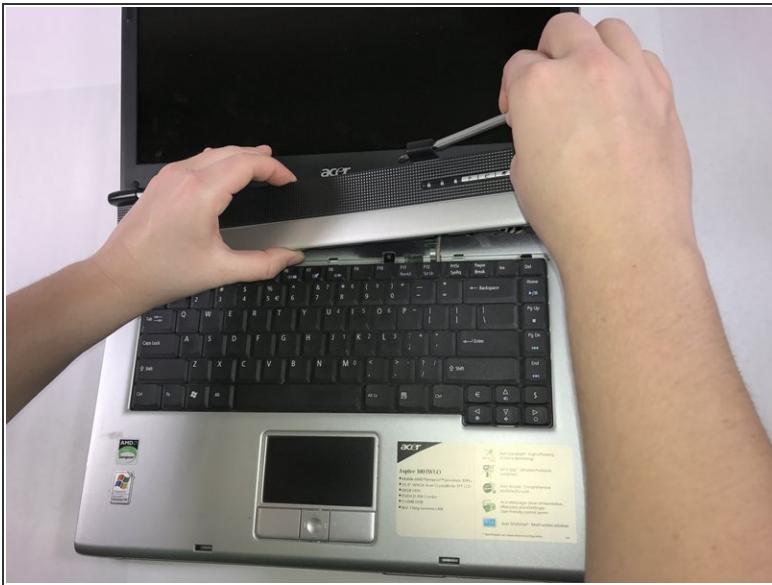
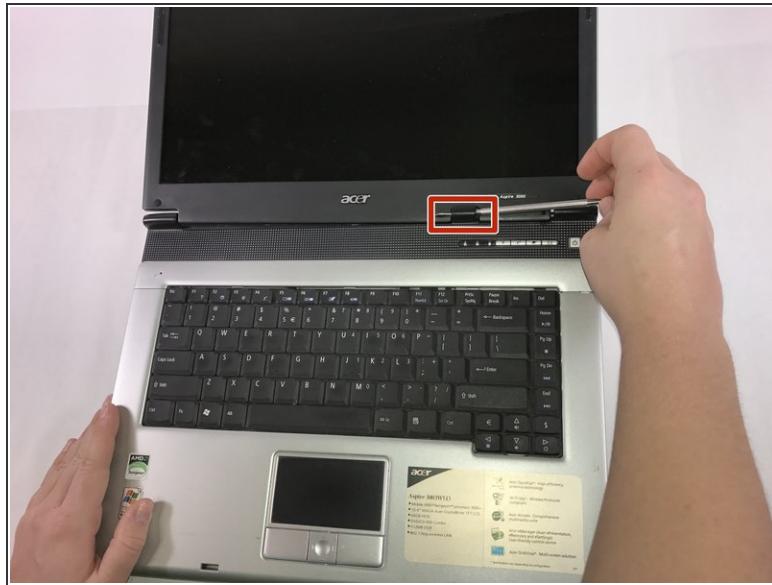
- Lift the laptop to be on its edge, with the bottom of the screen in the air.

Step 11



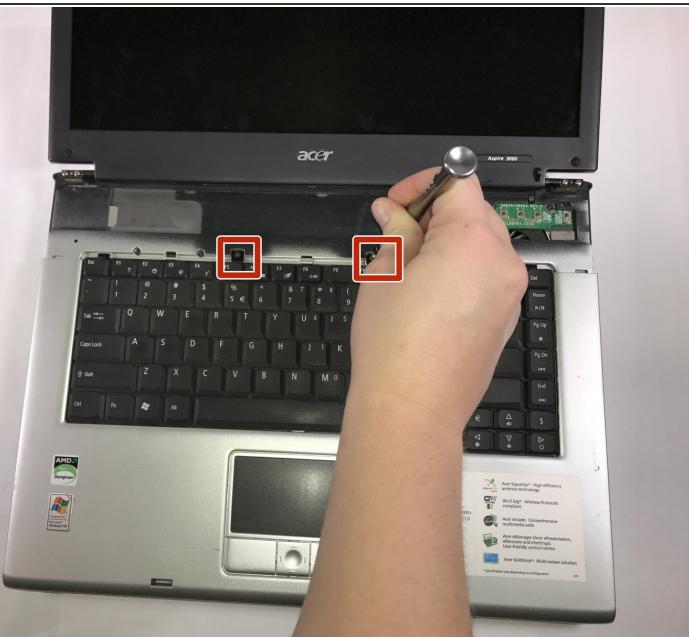
- Remove the three 4.6 mm Phillips #1 screws that are on this edge.

Step 12



- Wedge a spudger into the latch on the right side.
- *(i)* Open the lid completely to facilitate removal.
- Pull the handle of the spudger towards you to pop the first of the tabs that hold this piece in place.
- Starting from right to left, pop the remaining tabs by lifting up on the panel and rotating the panel to the left.

Step 13



- Unscrew the two 4.6 mm Phillips #1 screws.

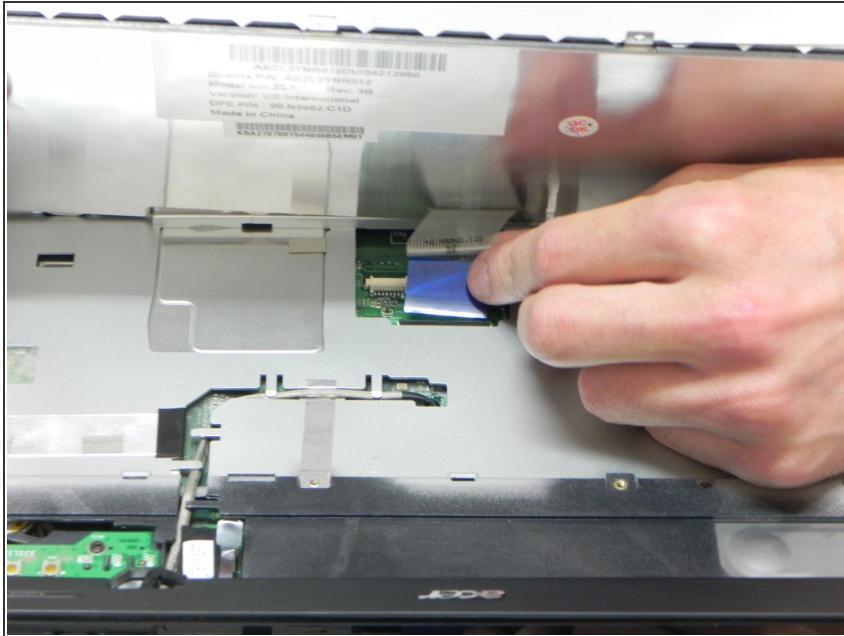
Step 14



- Gently lift the top edge of the keyboard out of its place.

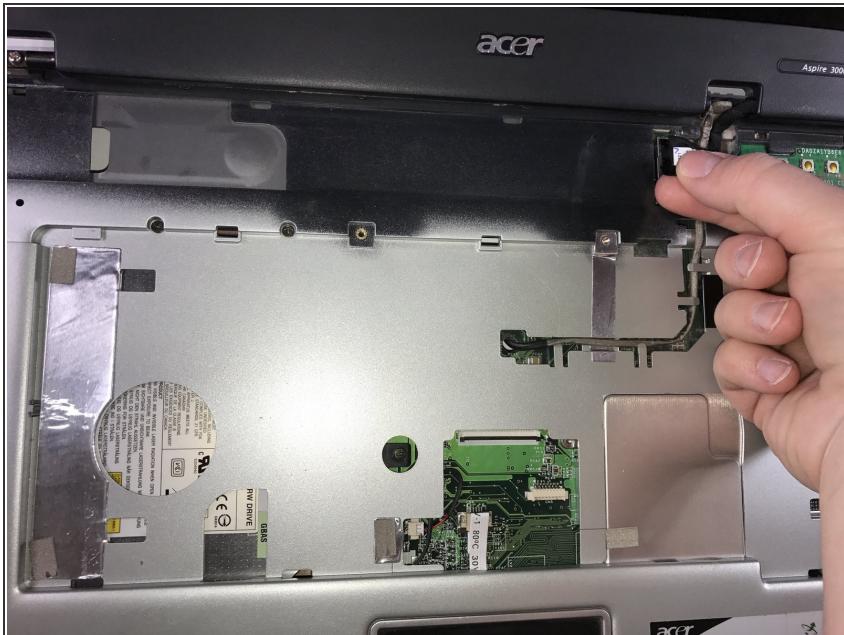
⚠ Do not completely remove the keyboard as there is still a ribbon cable connecting it to the device.

Step 15



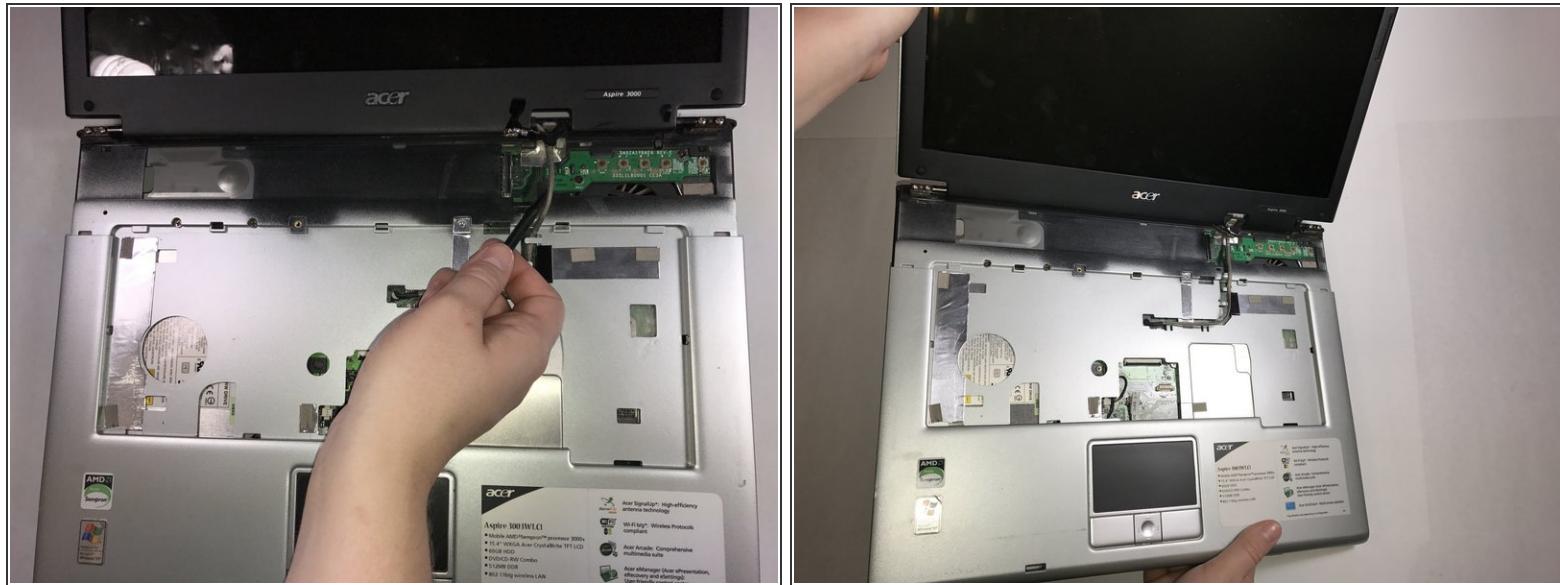
- Lift the ZIF connector's black retaining flap. Then gently slide the ribbon cable out.
- Remove the keyboard.

Step 16 — Screen



- Lift the connector attached to a black cable that leads to the screen of the laptop.
- Be sure to lift vertically, moving your hand slightly towards and away from you as necessary to gently separate the connectors.

Step 17



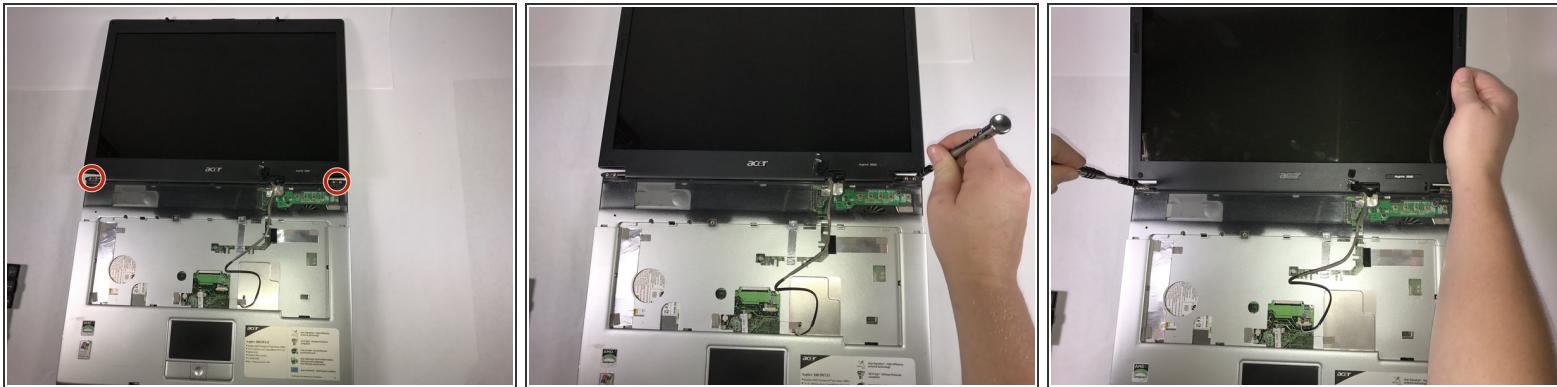
- Using a spudger, free the grey cable from underneath the plastic bars holding it within the body of the laptop.

Step 18



- Rotate the laptop to where it is standing on its side.
- Take the black and white ended cable that was disconnected earlier and straighten it out on the underside of the laptop.
- Pull the cable through to the keyboard side of the laptop.

Step 19



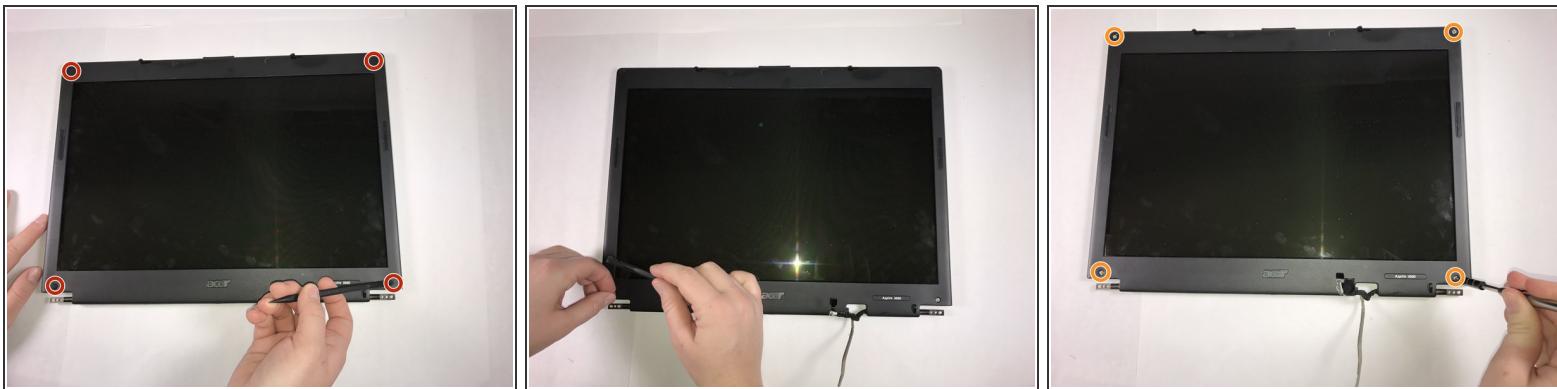
- Unscrew the four 4.6 mm screws located here.
- Unscrewing one screw from each side at a time and then supporting the screen as the final screws are removed will help protect the laptop's components.

Step 20



- Lift the screen and its casing away from the laptop.

Step 21



- Using a spudger, push the four rubber circles covering the screws for the upper casing.
- Unscrew the four 4.6 mm screws that were just uncovered.
- There may be some residual adhesive on the top of the screws, this will not harm the driver as you remove the screws.

Step 22



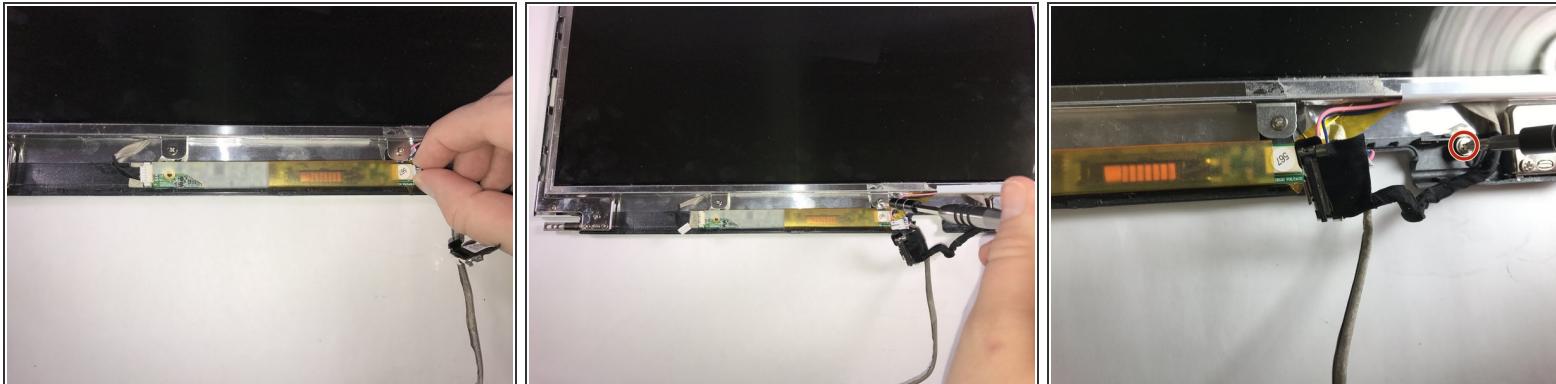
- Begin prying apart the two halves of the screen casing, starting at the bottom near where the cables enter the casing.
- The process for separating the two halves is to take a spudger, inserting and twisting it until the tabs holding the casing together audibly pop.
- Slide the spudger down the divide between the casings, twisting it whenever a tab is encountered to release it.

Step 23



- After the bottom has been freed and the side of the casing has started to separate, one's hands can be used safely to pry apart the rest of the casing.

Step 24



- Release the two connectors from the screen to the circuit board on the bottom of the casing.
- Unscrew the grounding screw for the black cable.

Step 25



- Undo the four 4.6mm screws located above and below the screen.

Step 26



- Remove the two lateral 4.6 mm screws on each side of the screen.

⚠ 'To avoid stripping out the screws, this step may require you to lift the screen away from the case to access the screws.

Step 27



- Tilt the top of the screen out of the case towards you, and then separate the screen from the metal frame that secures it to the casing and remove the screen.

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