



Acer AL1714 Power Button Circuit Board

Remove and replace the power button circuit board for the Acer AL1714 display.

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INTRODUCTION

This guide will demonstrate the steps needed to disconnect and replace the Power Button Circuit Board in the Acer AL1714. A malfunction in this part can cause possible issues with the ability to turn your device on.



TOOLS:

- [Phillips #1 Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [8" Needle Nose Plier](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Power Button Circuit Board



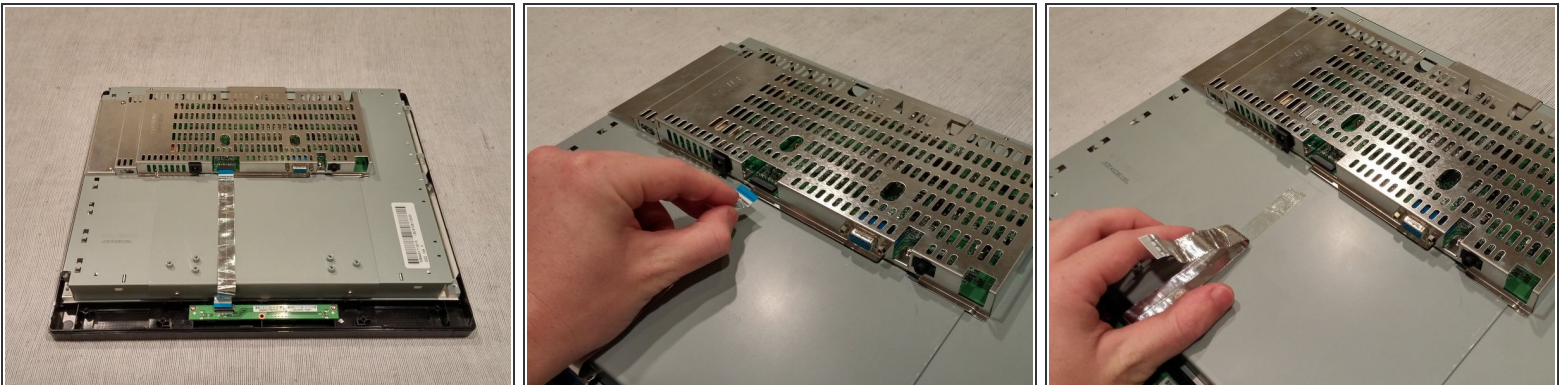
- Turn the monitor facedown.
 - Unscrew the 5 screws holding the back cover on.
- i** (This may require flipping the monitor over and shaking the screws loose once they're already unscrewed)

Step 2




- Take the edge tool or a metal ruler and insert it into the bezel.
- Apply pressure and push down.
- Do the same to the right side.
- Once the side of bezel facing you is decoupled, take the back cover and pry it loose.

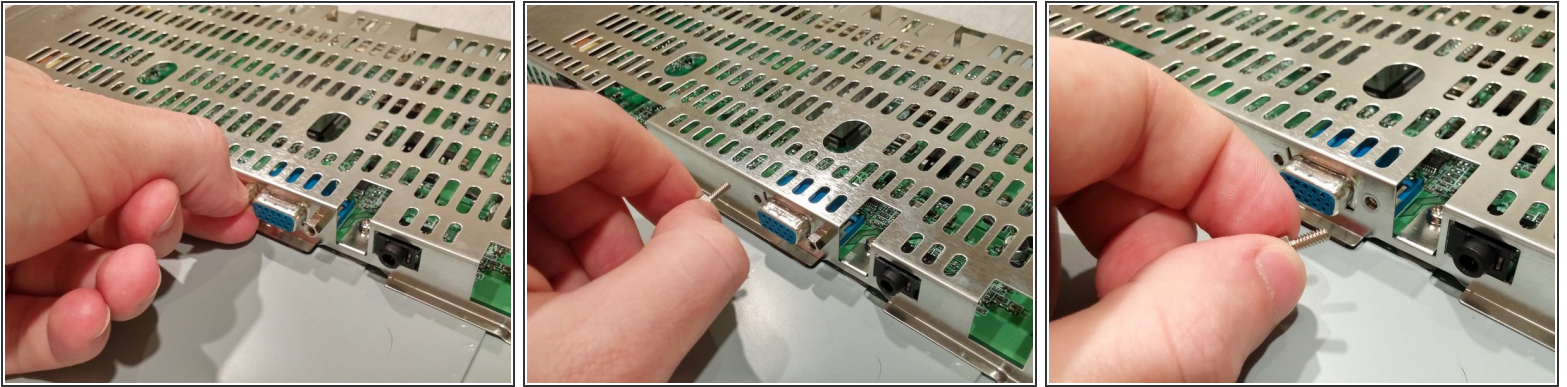
Step 3




- Remove the Flat Flex Cable from the Power Supply Board under the metal cover.
- Pull the cord back and out of the way.

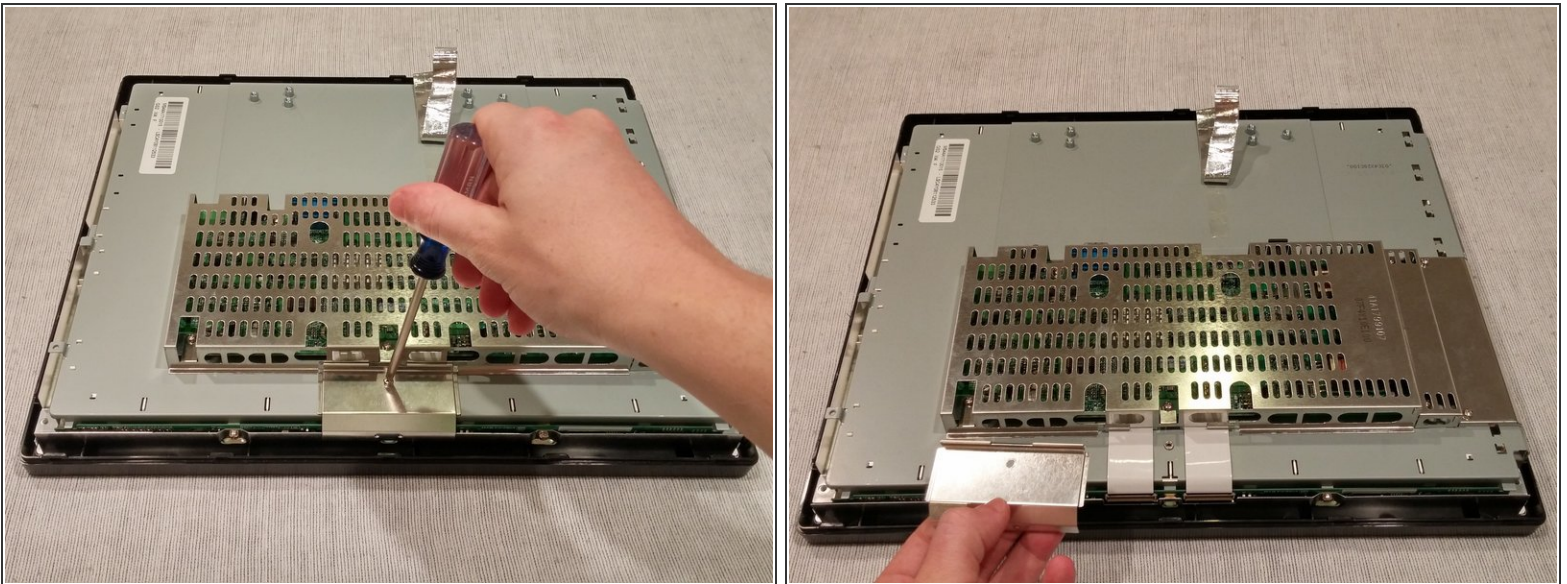
 (It may be stuck down with adhesive)

Step 4



- Unscrew the cord anchors for the VGA port.
-  (Use needle nose pliers if they're too tight for removal by hand)

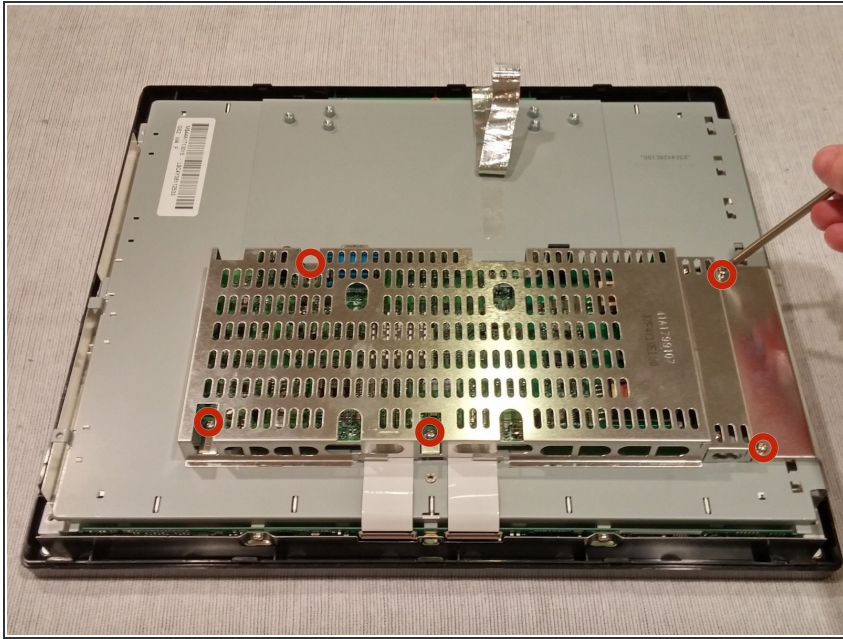
Step 5



- Turn the monitor around.
- Unscrew the 1 screw holding the Flex Power Cable cover.
- Lift up and remove the Flex Power Cable cover.

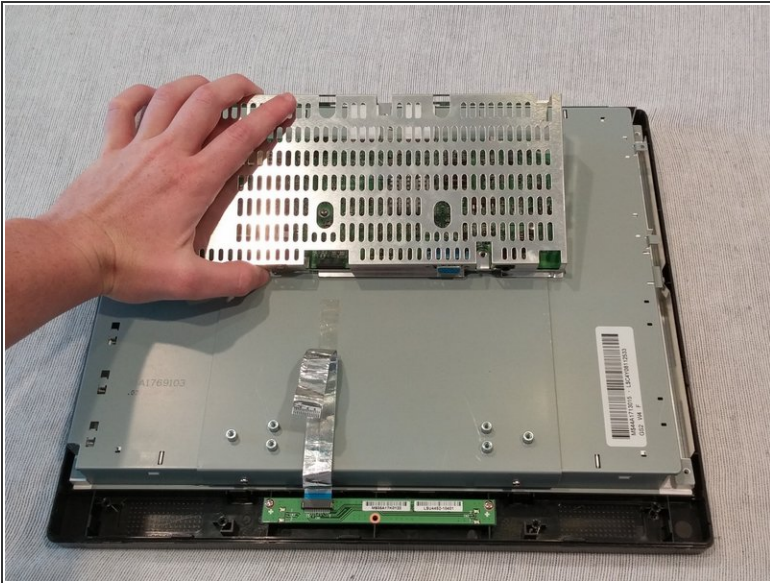
 (Careful: This may be sharp)


Step 6



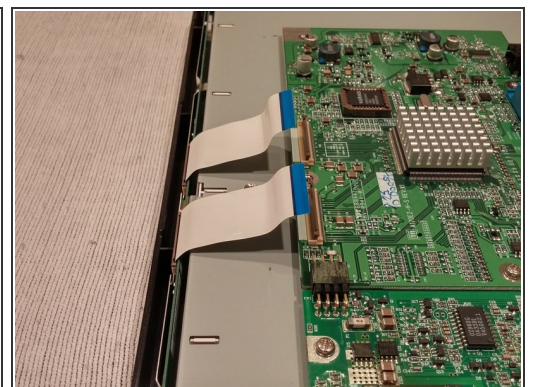
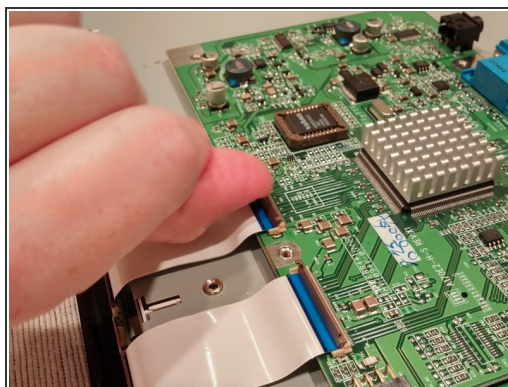
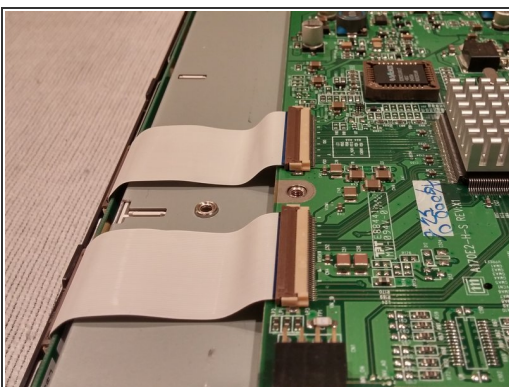
- Unscrew the 5 screws holding the metal cage on.

Step 7



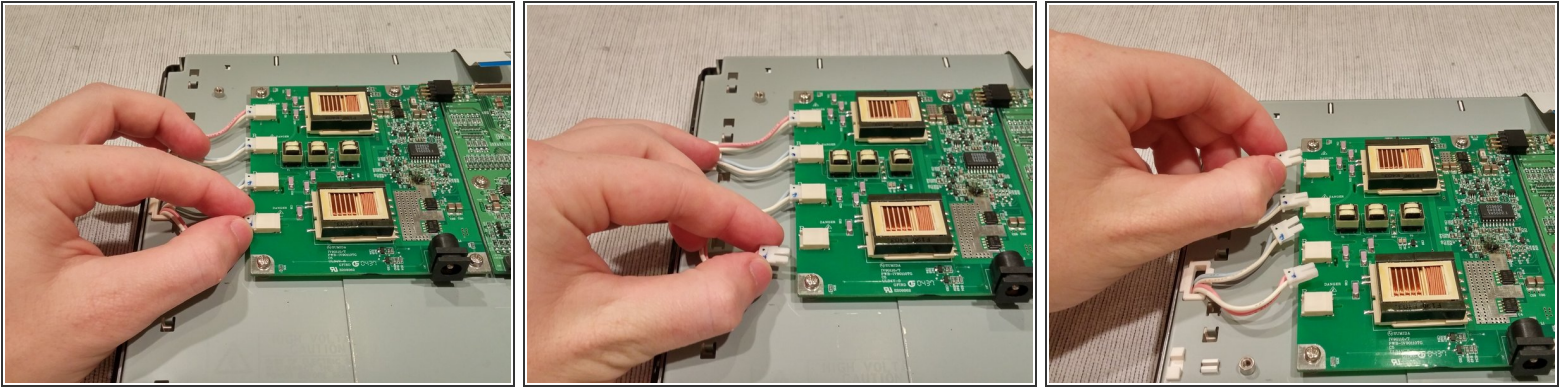
- Turn the monitor around.
 - Lift up on the back of the metal cage slightly.
 - Pull the cage toward self.
-  (Must be careful to free the cover of the VGA port and power supply input)

Step 8



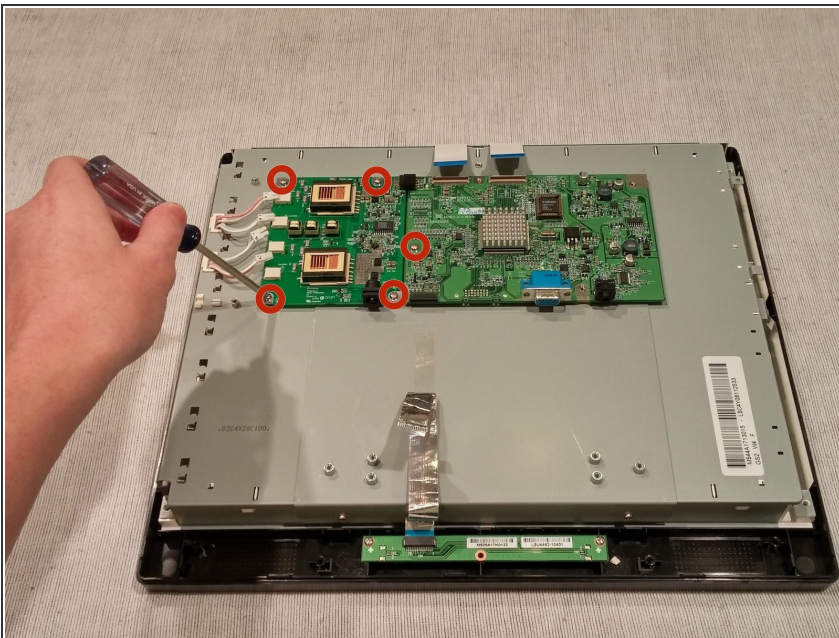
- Lift up on the Flat Flex Cable holder tabs to release cords.
- Lift up on the Flat Flex Cables and bend them out of the working area.

Step 9



- Unplug the 4 backlight wires from their ports on the Power Supply Board.
- i** (Considering their size, the best way to unplug the backlight wires is by slowly jiggling wires out of place)

Step 10



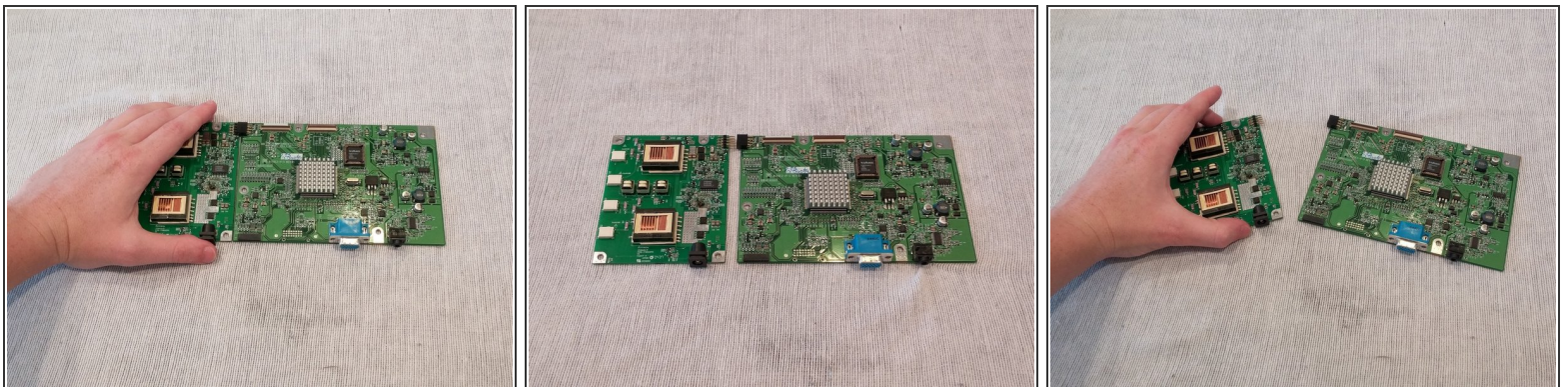
- Unscrew the 5 screws holding the Power Supply Board and Video Display boards on.

Step 11



- Lift up and remove the joined Power Supply Board and Video Display boards.

Step 12



- Carefully detach the Power Supply and Video Display boards at their connector joint.

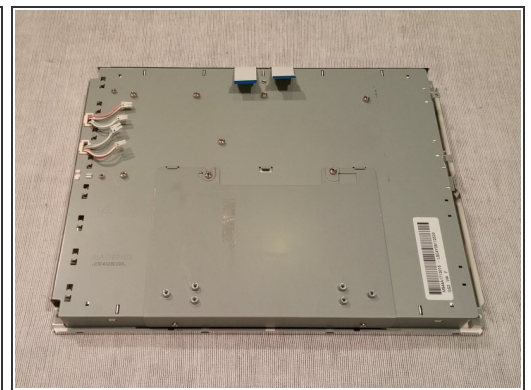
- ⓘ (This step is not necessary for the removal and replacement of the Power Button Circuit board)
- ⓘ (This is only a precaution so as not to bend or break the connector joint between the two boards)

Step 13



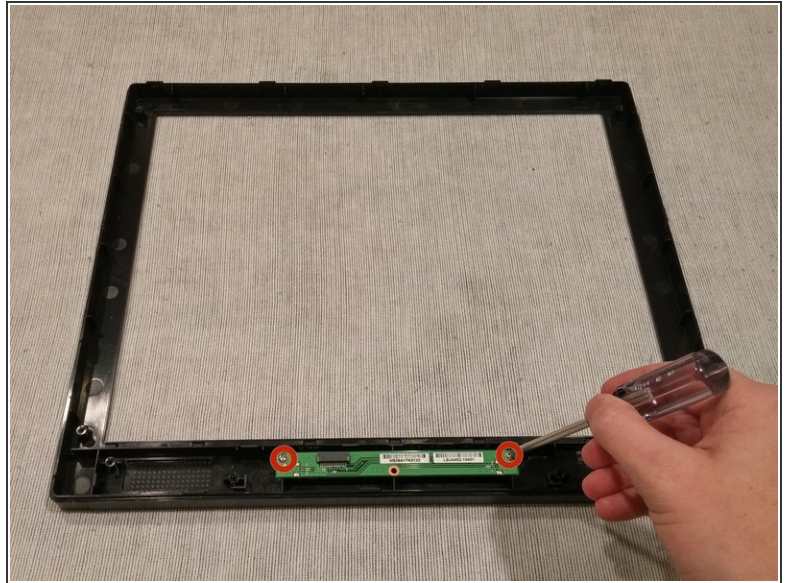
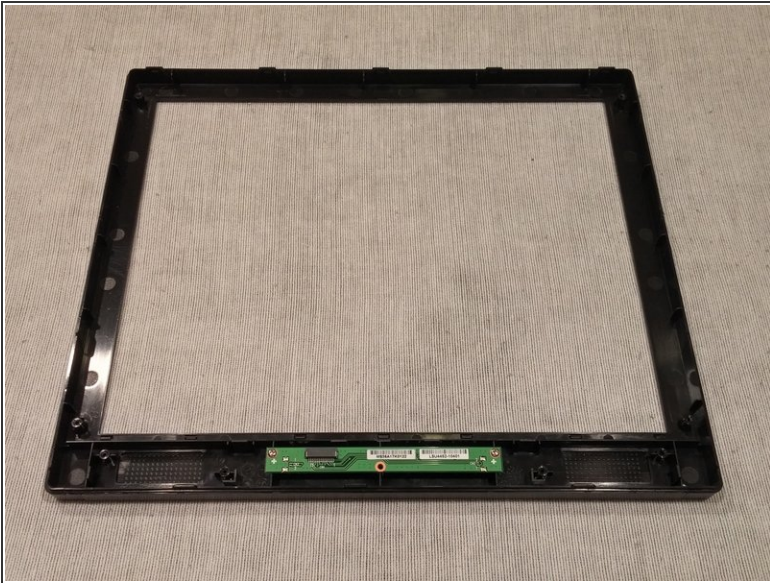
- Remove the Flat Flex Cable from the Power Button Circuit Board.

Step 14



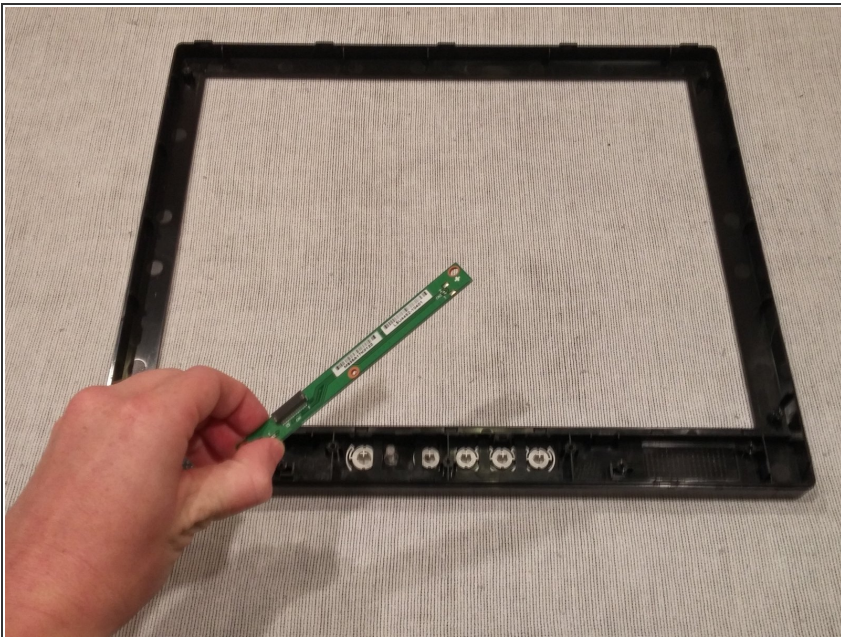
- Grasp, lift, and remove the LCD Module from the front panel.

Step 15



- Unscrew the 2 screws holding the Power Button Circuit Board.

Step 16



- Lift and remove the Power Button Circuit Board.

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