



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)

Step 1 — Power Button Circuit Board



- Turn the monitor facedown.
- Unscrew the 5 screws holding the back cover on.

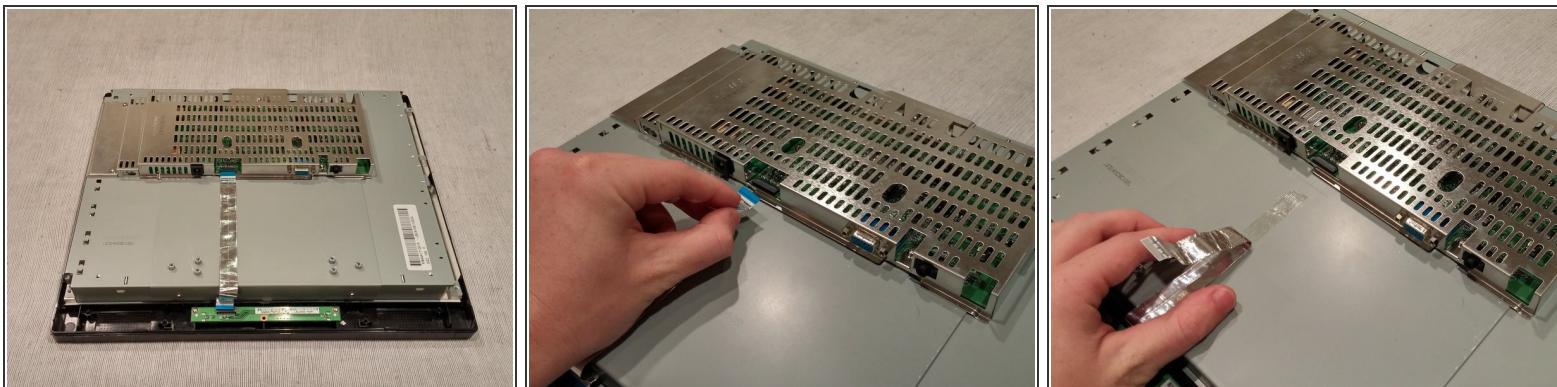
(i) (This may require flipping the monitor over and shaking the screws loose once they're already unscrewed)

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.

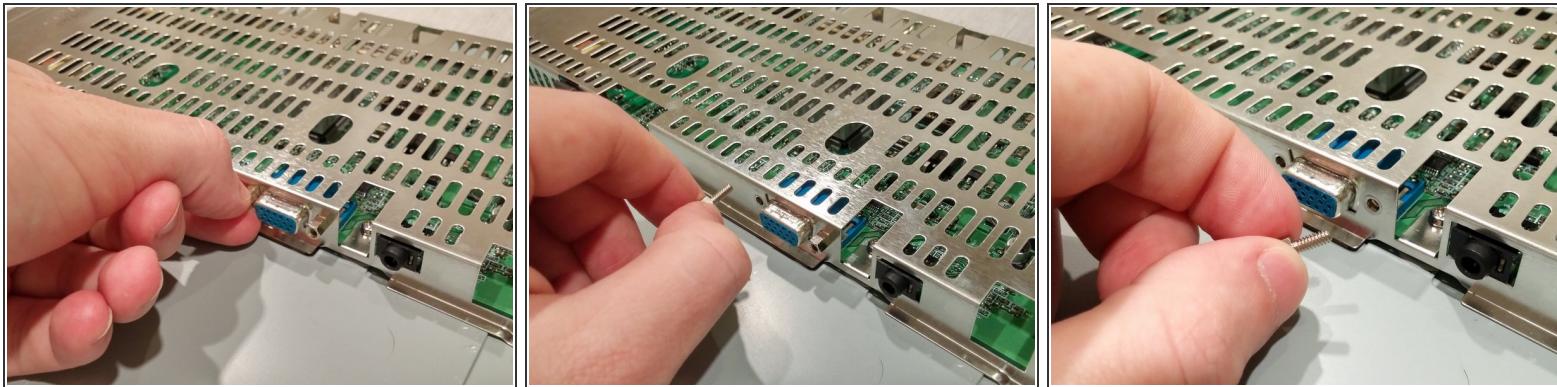
Step 3



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

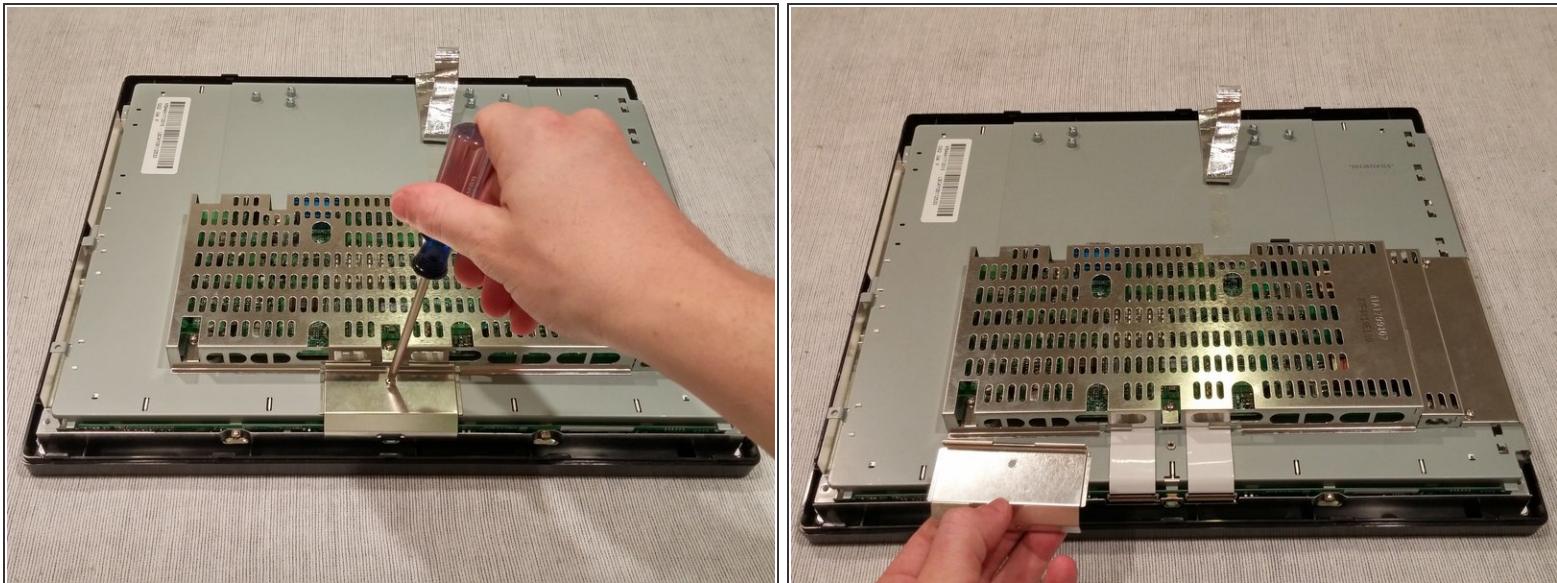
ⓘ (It may be stuck down with adhesive)

Step 4



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

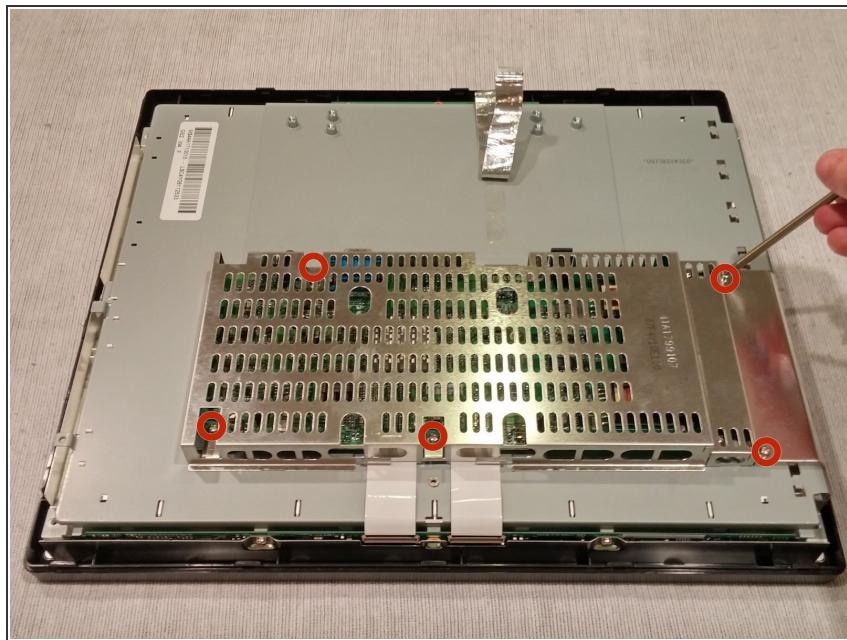
Step 5



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

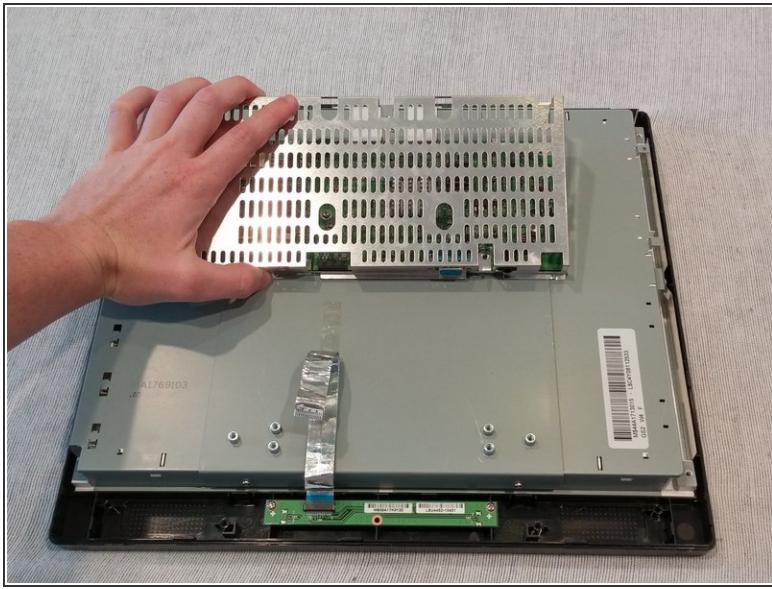
⚠ (Careful: This may be sharp)

Step 6



- Unscrew the 5 screws holding the metal cage on.

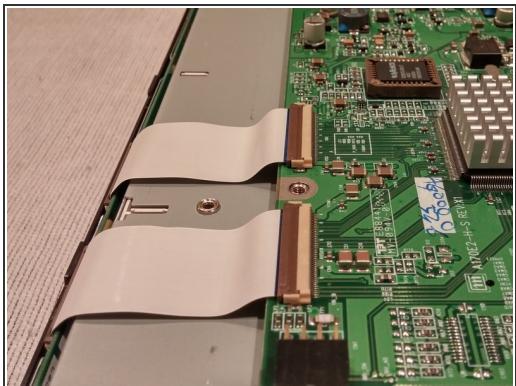
Step 7



- Turn the monitor around.
- Lift up on the back of the metal cage slightly.
- Pull the cage toward self.

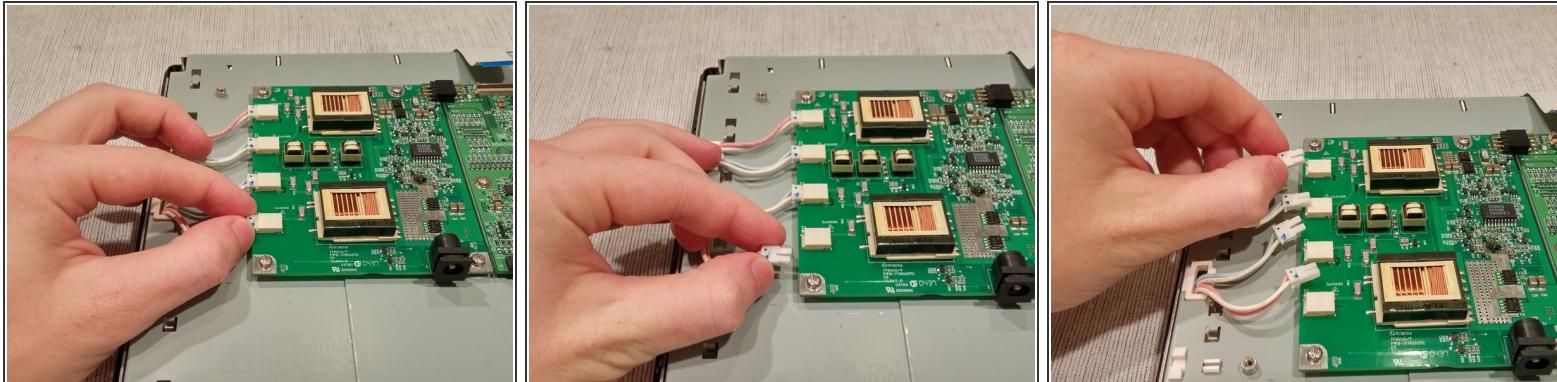
(i) (Must be careful to free the cover of the VGA port and power supply input)

Step 8



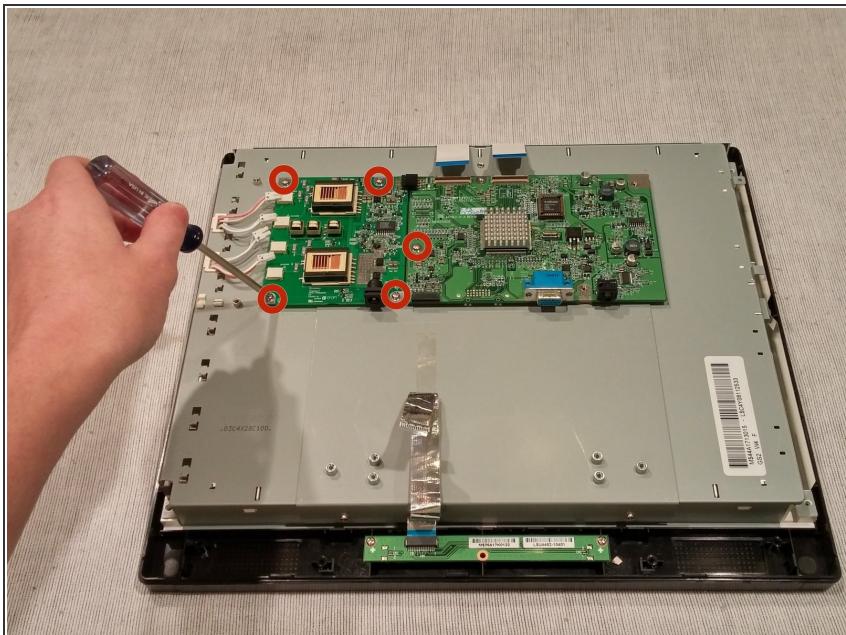
- Lift up on the Flat Flex Cable holder tabs to release cords.
- Lift up on the Flat Flex Cables and bend them out of the working area.

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.

(i) (This step is not necessary for the removal and replacement of the Power Button Circuit board)

(i) (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.