



Acer AL1714 LCD Replacement

Remove and replace the LCD for the Acer AL1714 display.

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INTRODUCTION

This guide will demonstrate the steps needed to disconnect and replace the LCD in the Acer AL1714. A malfunction in this part can cause possible issues with the ability to view images on your device.

TOOLS:

- Phillips #0 Screwdriver (1)
- 8" Needle Nose Plier (1)
- Tweezers (1)
- iFixit Opening Tools (1)

Step 1 — LCD



- 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)

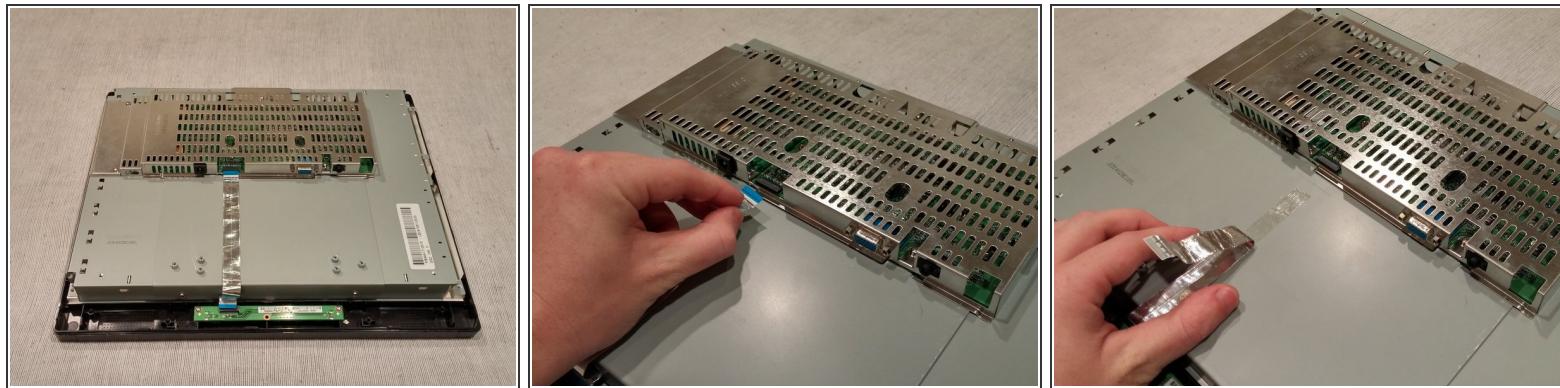
Step 2



- 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 the bezel facing you is decoupled, take the back cover and pry it loose.

(i) (This will require some force, you will hear a loud popping/snapping noises)

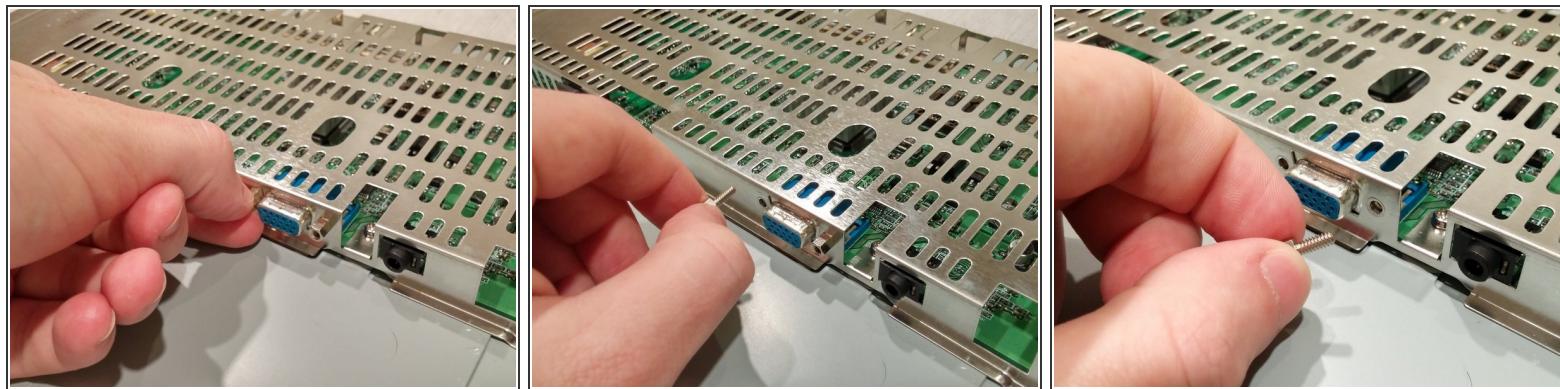
Step 3



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

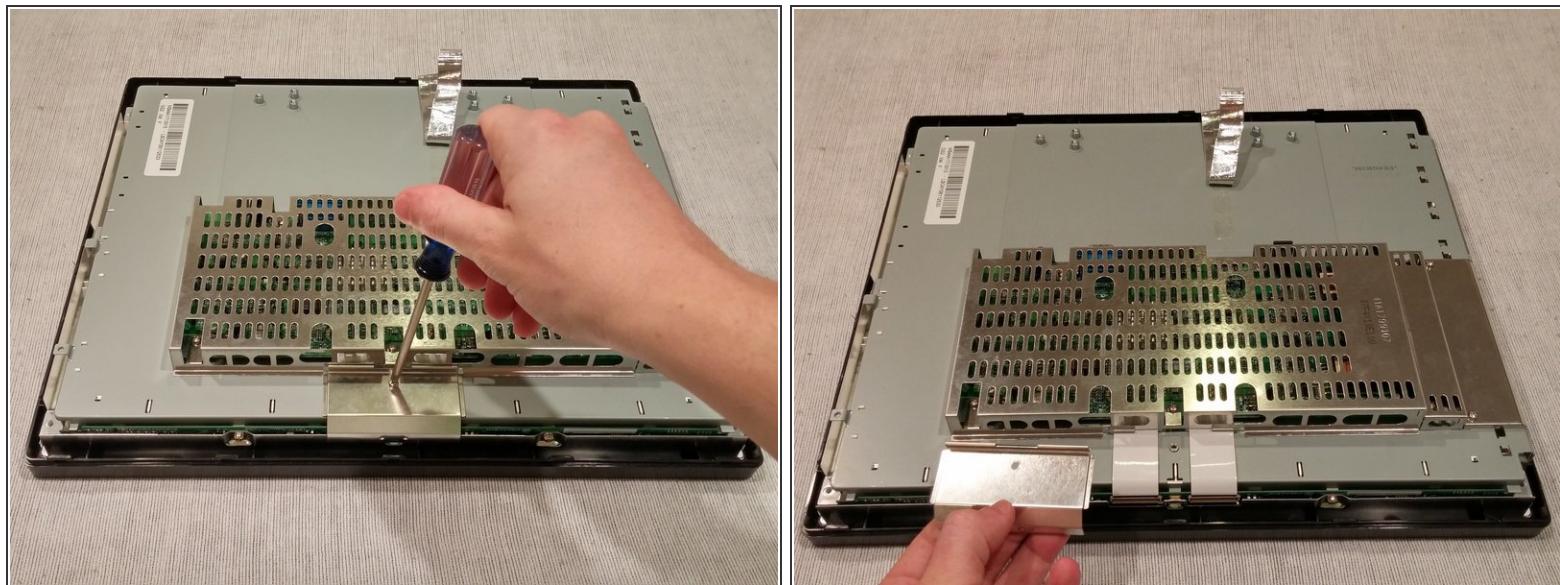
(i) (It may be stuck down with adhesive)

Step 4



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

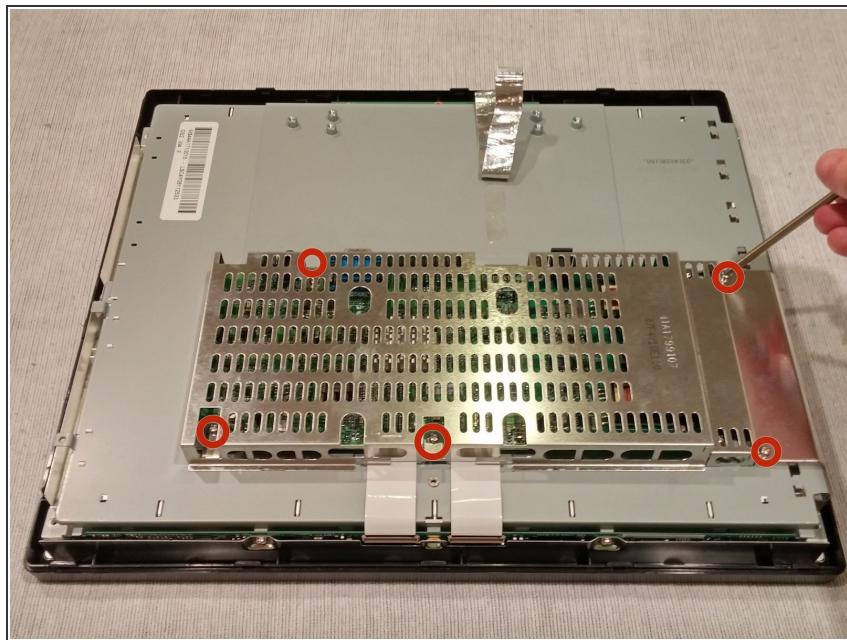
Step 5



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

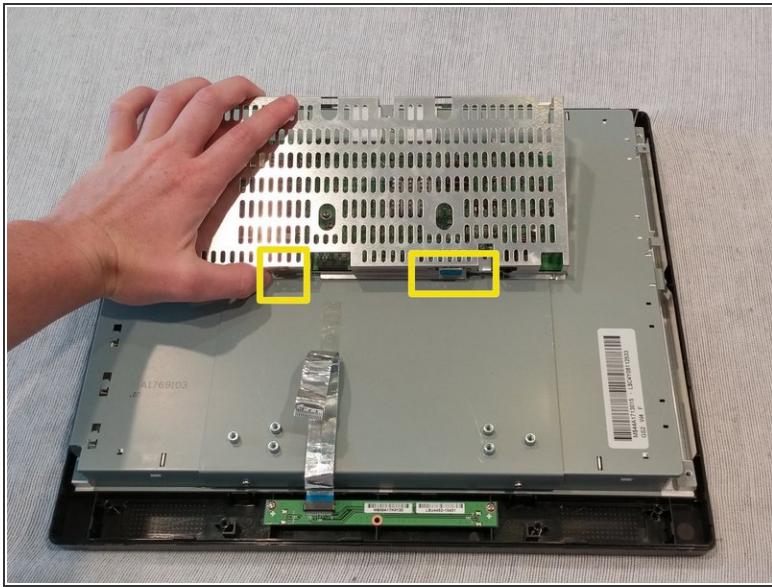
⚠ (Careful: it may be sharp)

Step 6



- Unscrew the 5 screws holding the metal cage on.

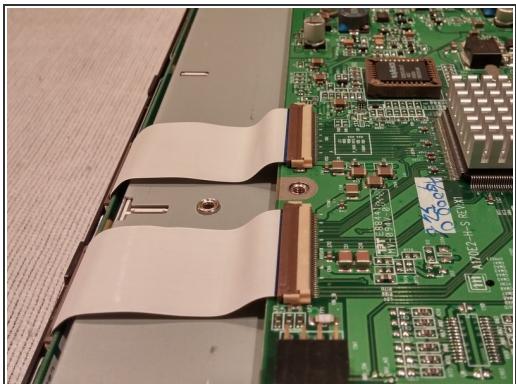
Step 7



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

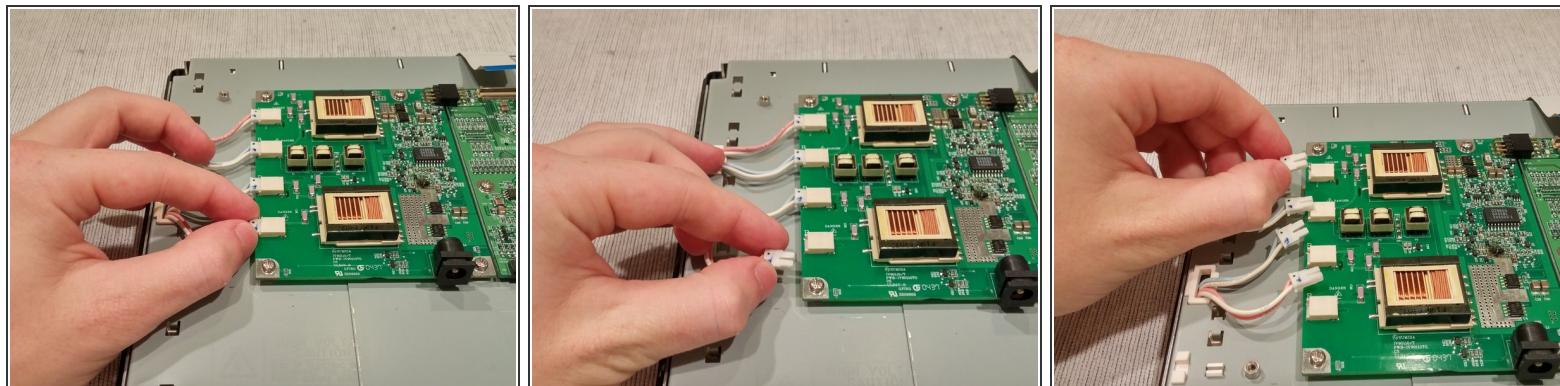
(i) (Must be careful to free cover of the VGA port and power supply input)

Step 8



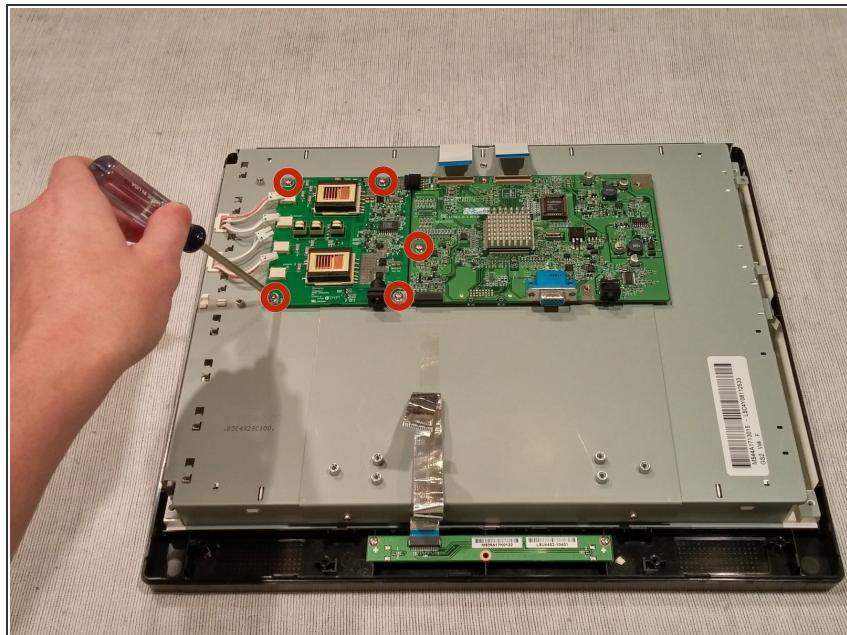
- Lift up on the Flat Flex Cable holder tabs to release the cords.
- Lift up on the Flat Flex Cables and bend them out of the working area.

Step 9



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

Step 10



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

Step 11



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

Step 12



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

(i) (This step is not necessary to replace the LCD Module. This step is only a safety precaution so as not to bend or break the Power Supply connector joint)

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



- The final product with the LCD Module removed.

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