



# Acer AL1714 Video Display Board

This guide will demonstrate the steps needed to disconnect and replace the AD PCB in the Acer AL1714.

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## TOOLS:

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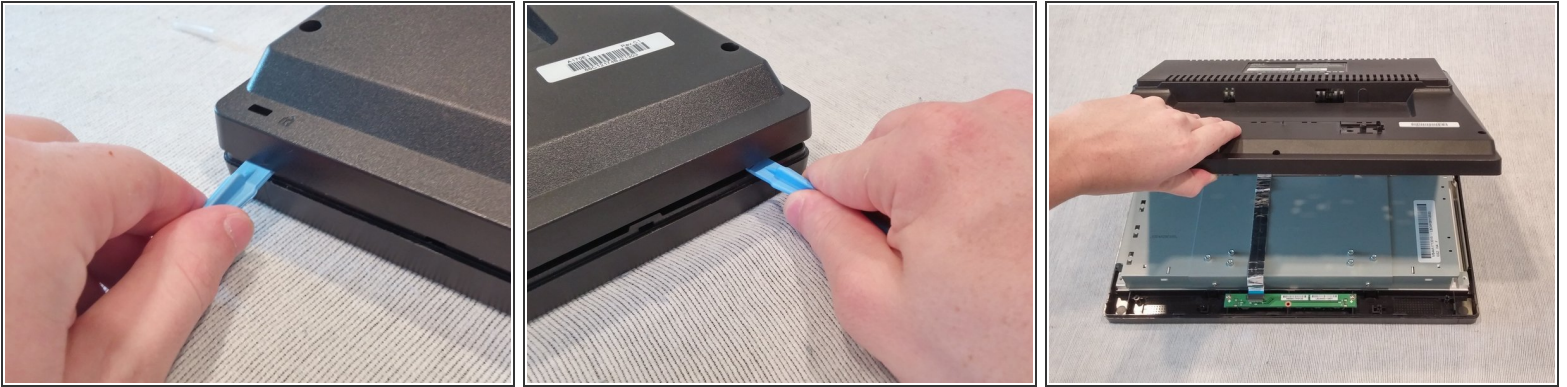
## Step 1 — Video Display Board



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

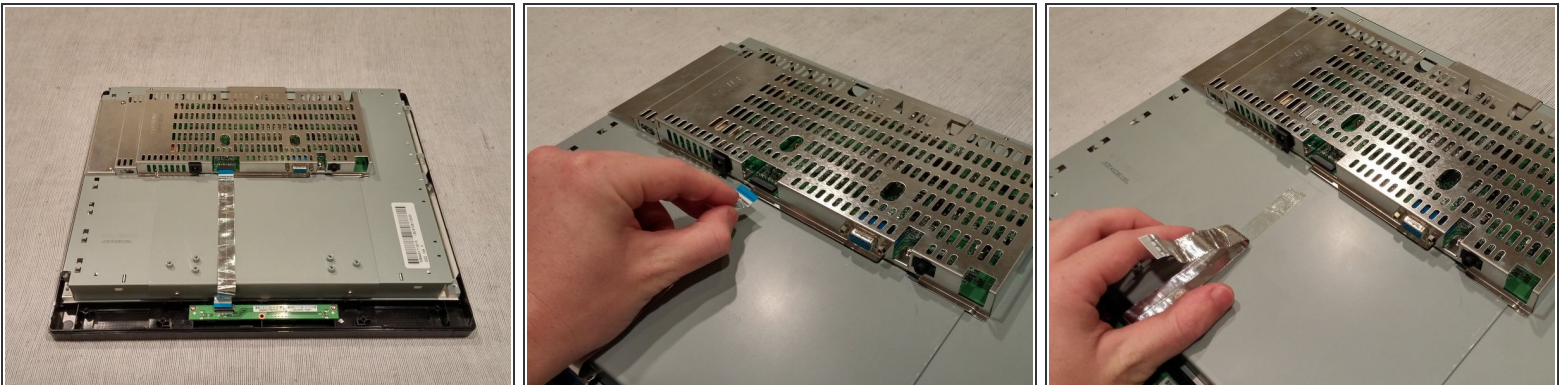



## Step 2



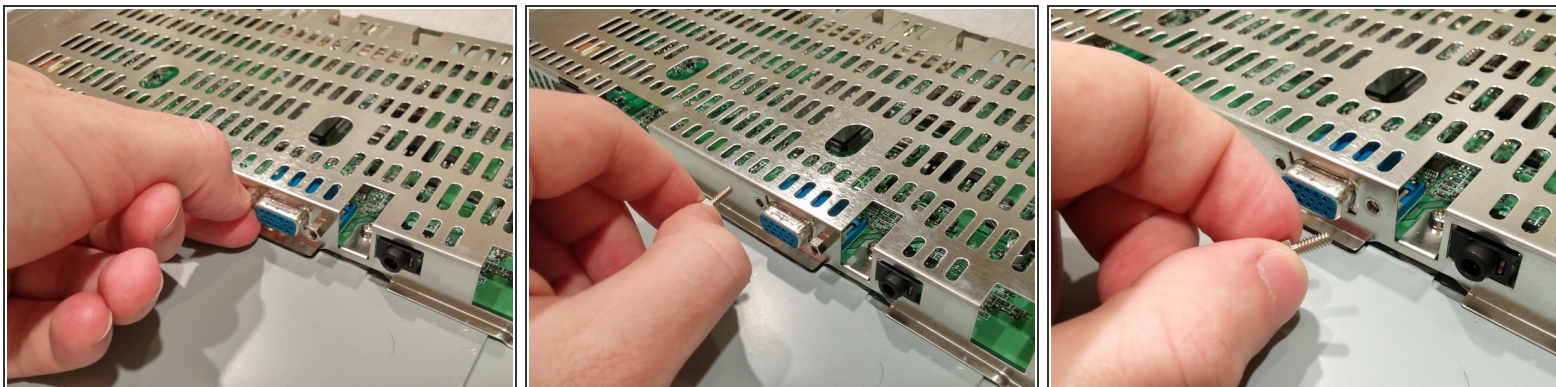
- Take the edge tool or a metal ruler and insert it into the bezel.
- Apply pressure and push down.
- Do the same to the right side.
- Once the side of the bezel facing you is decoupled, take the back cover and pry it loose.

## Step 3



- Remove the Flat Flex Cable from the Power Supply board located under the metal cage.
  - Pull the cord back and out of the way.
-  (It may be stuck down with adhesive)

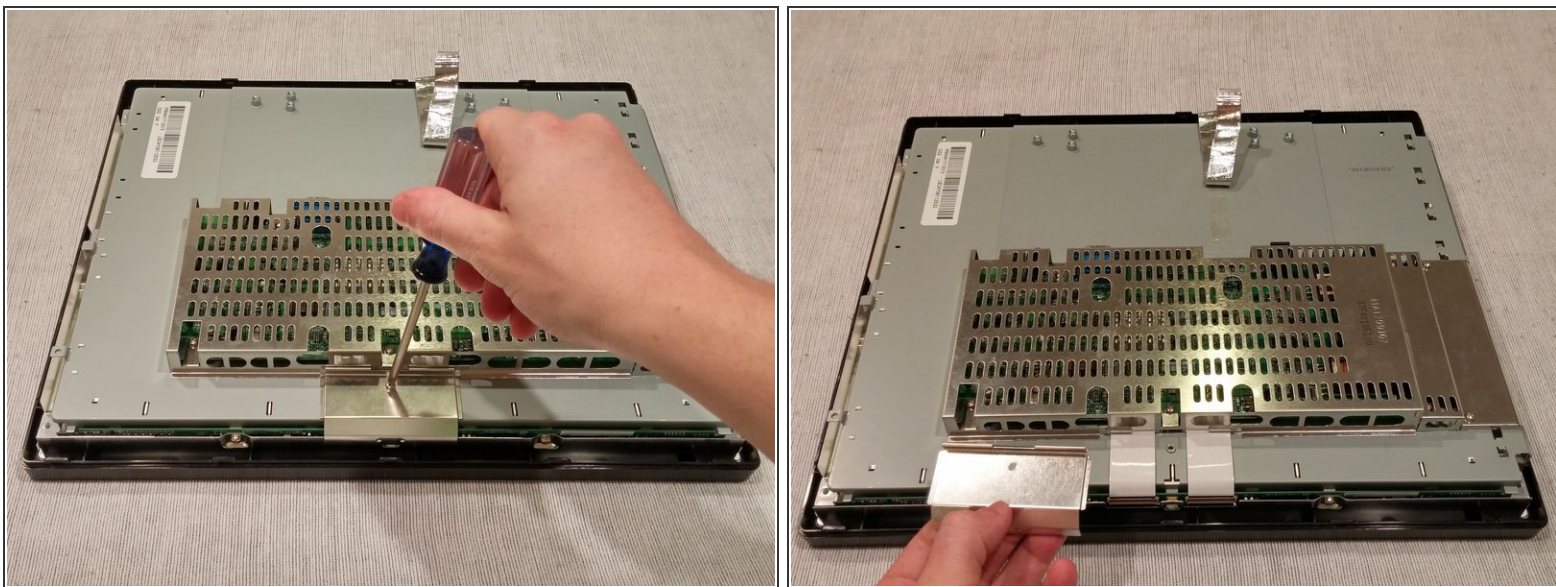
## Step 4




- Unscrew the cord anchors for the VGA port.

 (Use needle nose pliers if they're too tight for removal by hand)

## Step 5

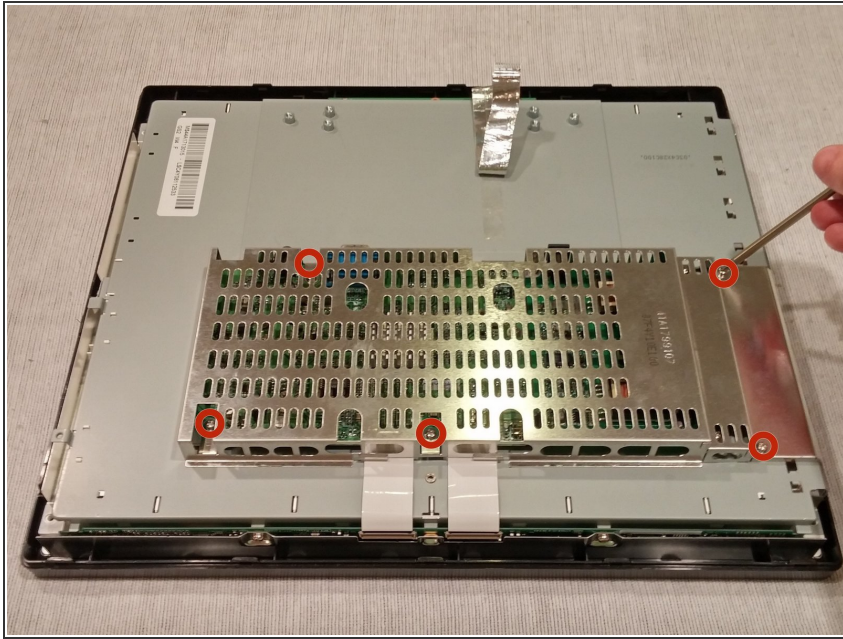


- Turn the monitor around.
- Unscrew the 1 screw holding the Flat power Cable cover on.
- Lift up and remove the Flat Power Cable cover.

 (Careful: this may be sharp)

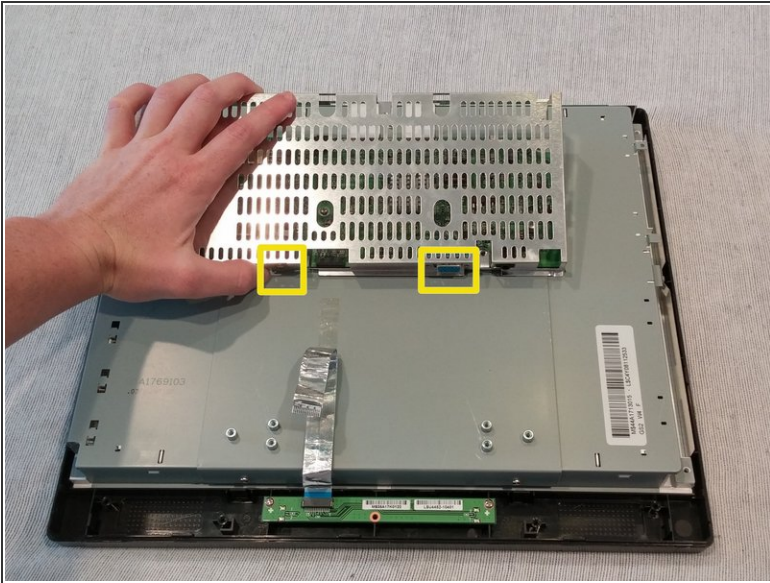



## Step 6



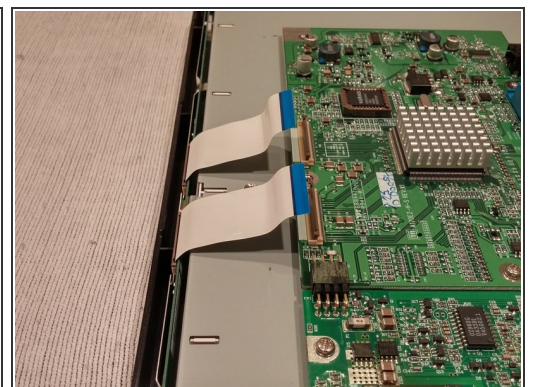
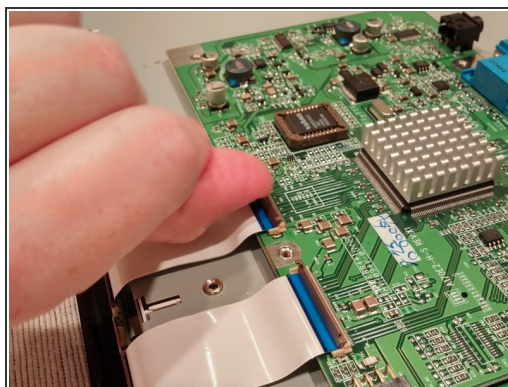
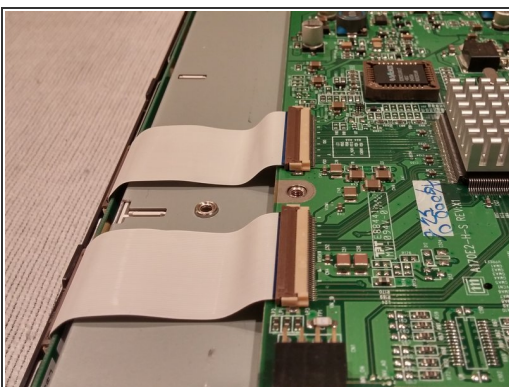
- Unscrew the 5 screws holding the metal cage on.

## Step 7



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

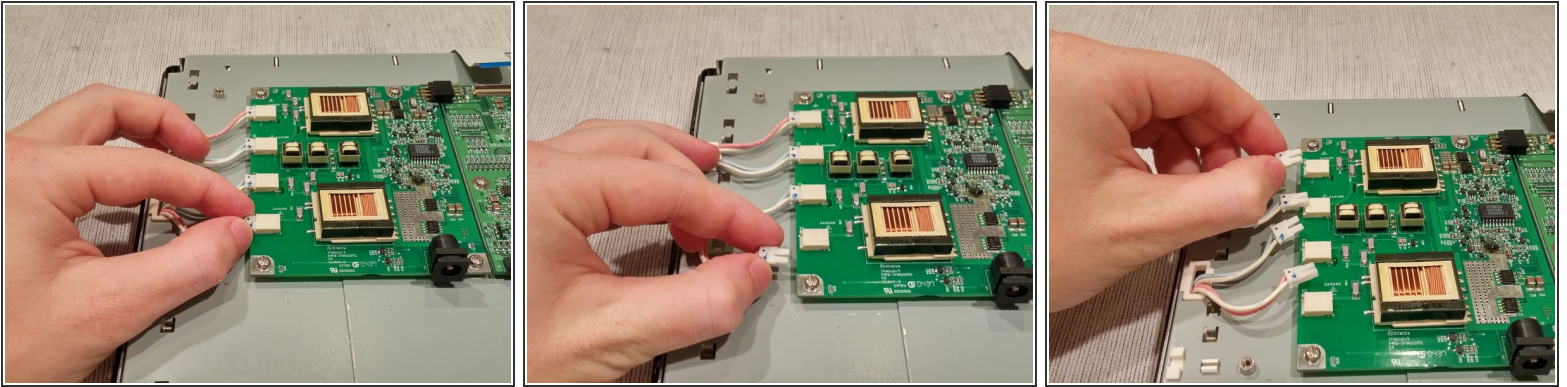
## Step 8



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



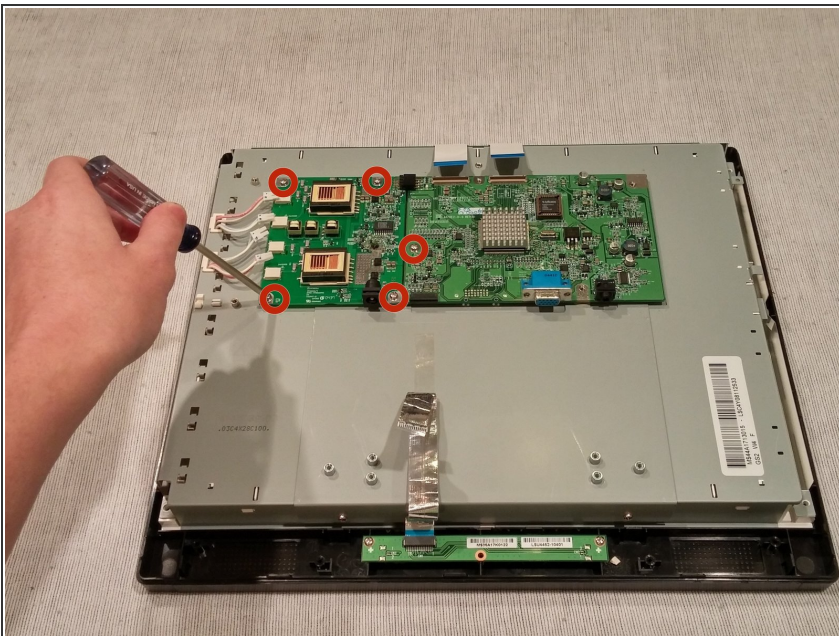
## Step 9



- 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 the wires out of place)

## Step 10



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

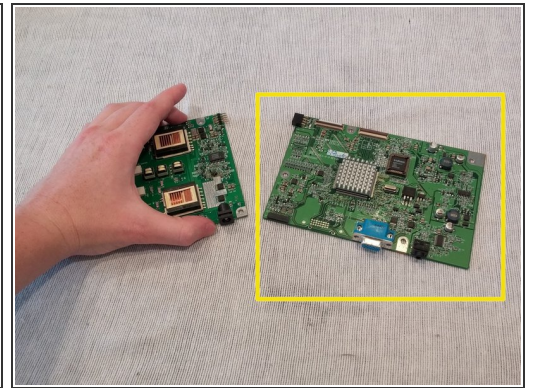
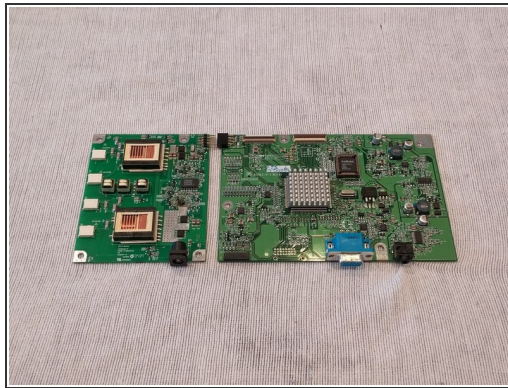
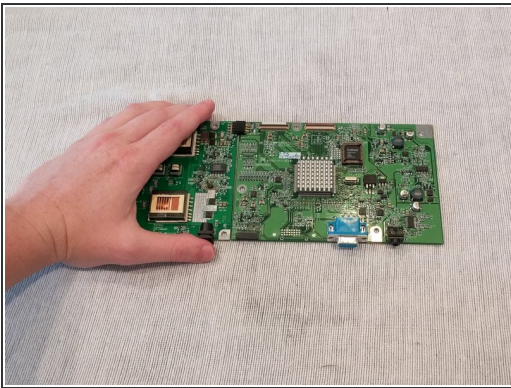


## Step 11



- Lift and remove the joined boards.

## Step 12



- Carefully detach the two boards at their connector joint.
- Replace outlined part.

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