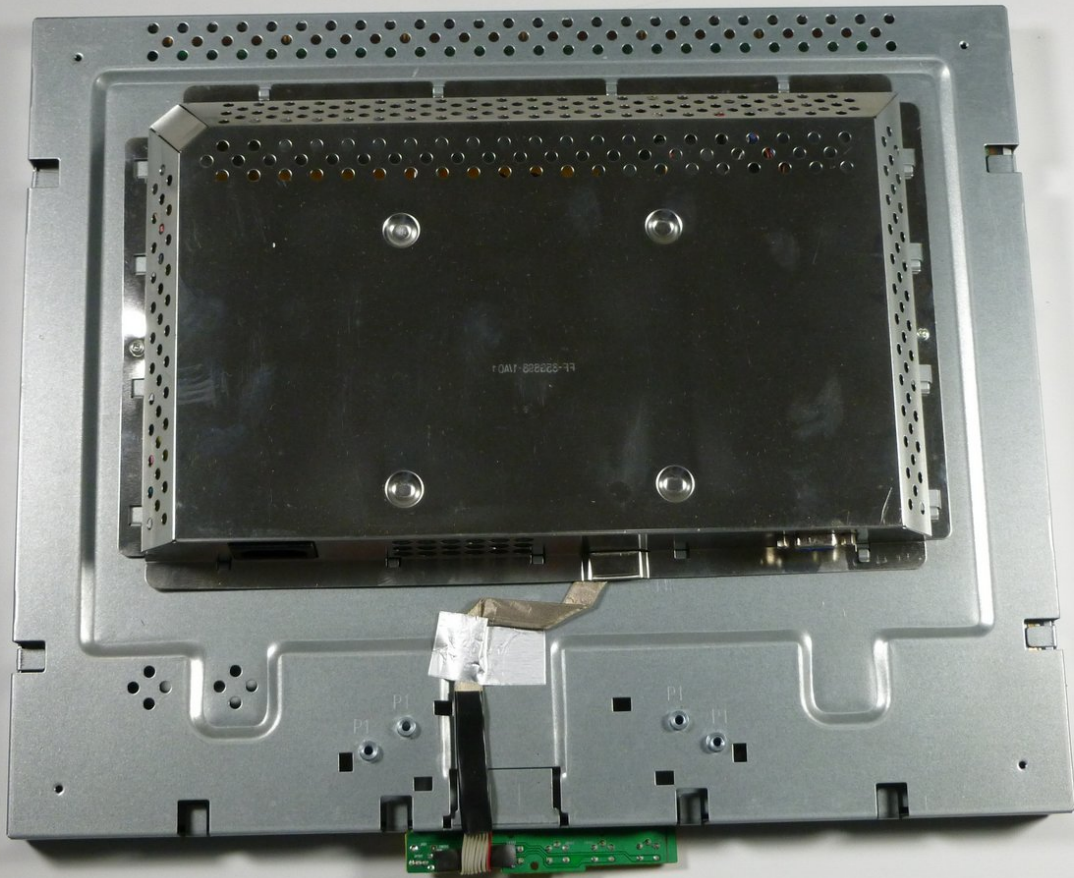# Acer AL1916 EMI Shield Replacement

This guide will show the user how to access and remove the EMI shield for the computer monitor.

Written By: Taylor Atterbury

This document was generated on 2020-11-28 02:23:52 AM (MST).

INTRODUCTION

The EMI shield protects the power supply and circuit board from electromagnetic radiation.

TOOLS:

- Large Needle Nose Pliers (1)
- Phillips #2 Screwdriver (1)
- iFixit Opening Tools (1)

PARTS:

- Acer AL1916 EMI Shield (1)

This document was generated on 2020-11-28 02:23:52 AM (MST).

Step 1 — Stand

(i) Lay the monitor on a flat surface so that the back is facing up.

Step 2

- Grab the hinge cover with both hands on either side of the stand.

- Squeeze inwards with your thumbs and fingers and lift up to remove the hinge cover.

This document was generated on 2020-11-28 02:23:52 AM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 3 of 8

Step 3

- Remove the four 12.1 mm Phillips #2 screws that hold the stand to the monitor.

⚠ Support the monitor while removing the screws to prevent the monitor from falling.

- Lift up to detach the stand.

Step 4 — Outer Case

- Remove the five 9.5 mm Phillips #2 screws located around the perimeter of the monitor.

This document was generated on 2020-11-28 02:23:52 AM (MST).

Step 5

- Starting at the corner of the monitor, wedge the small plastic opening tool between the back cover and the display bezel.

- Tilt the plastic opening tool up to separate the back cover from the display bezel.

- Continue around the perimeter of the monitor until the display bezel comes off.

- (i) A reasonable amount of force is necessary to detach the back cover from the display bezel.
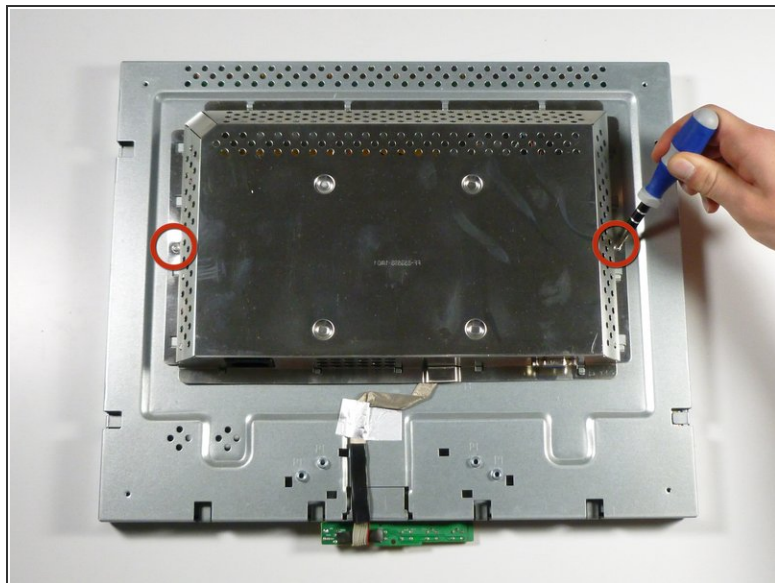
Step 6

ⓘ Reposition the monitor so that the back is facing up.

● Grab the corners of the monitor and jiggle them upwards to detach the back cover from the inside of the monitor.
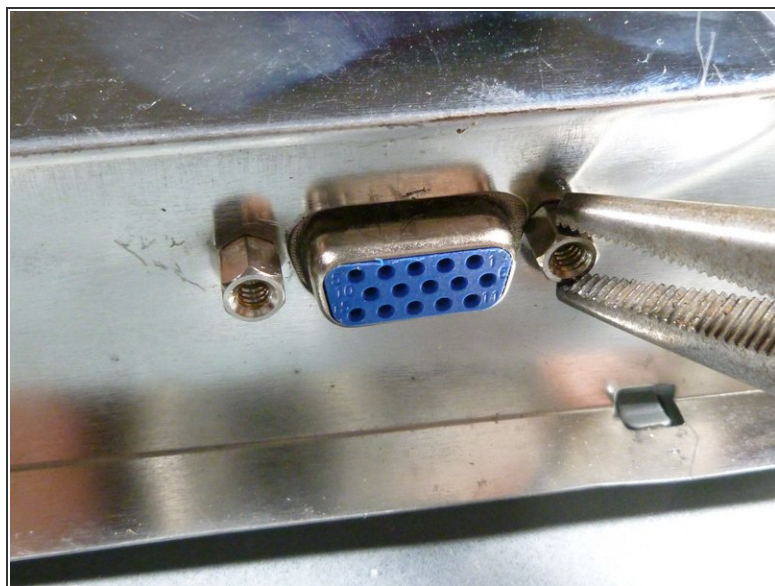
● Lift the back cover up.
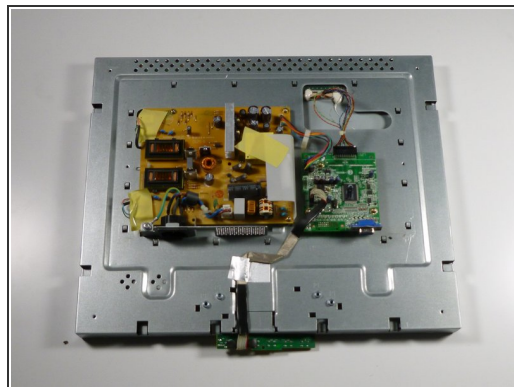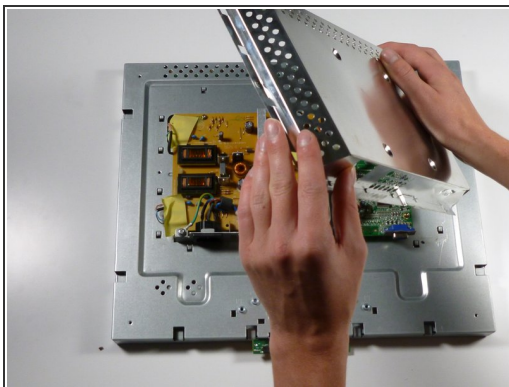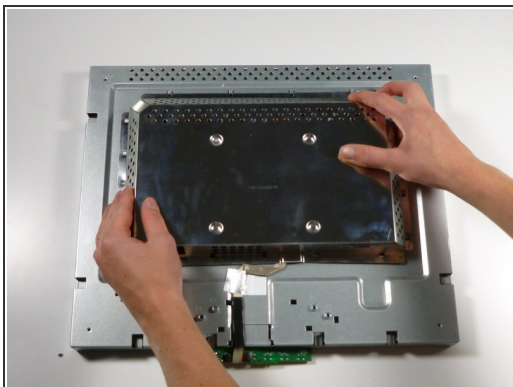
Step 7 — EMI Shield

- Remove the two 5.7 mm Phillips #2 screws located on either side of the EMI shield.

Step 8

- Using a nut driver (or if necessary, needle-nose pliers), remove the two nuts on either side of the VGA input.

Step 9

- Grab the metal casing by the sides and slide it down towards the bottom of the monitor.

- Lift up to remove the metal casing.

⚠ Beware, metal casing is sharp!

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

This document was generated on 2020-11-28 02:23:52 AM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 8 of 8