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Apple Cinema Display M8149 Voltage Inverter Replacement

This guide will show you how to replace the...
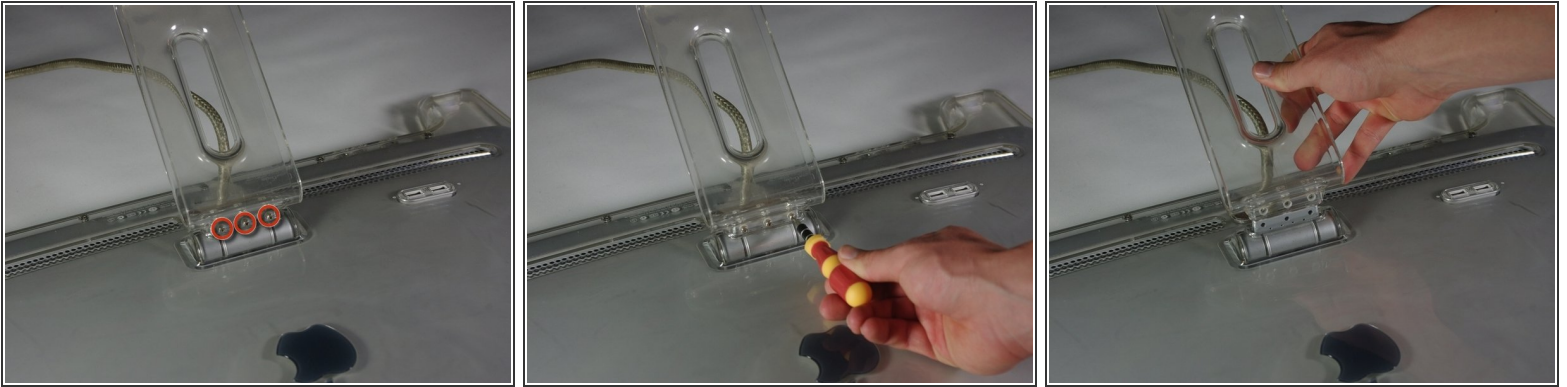
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INTRODUCTION

This guide will show you how to replace the Voltage Inverter Board. The tools required for this section are the supurger and the PH 2 screwdriver.

🔧 TOOLS:

- Phillips #2 Screwdriver (1)

Step 1 — Control Boards

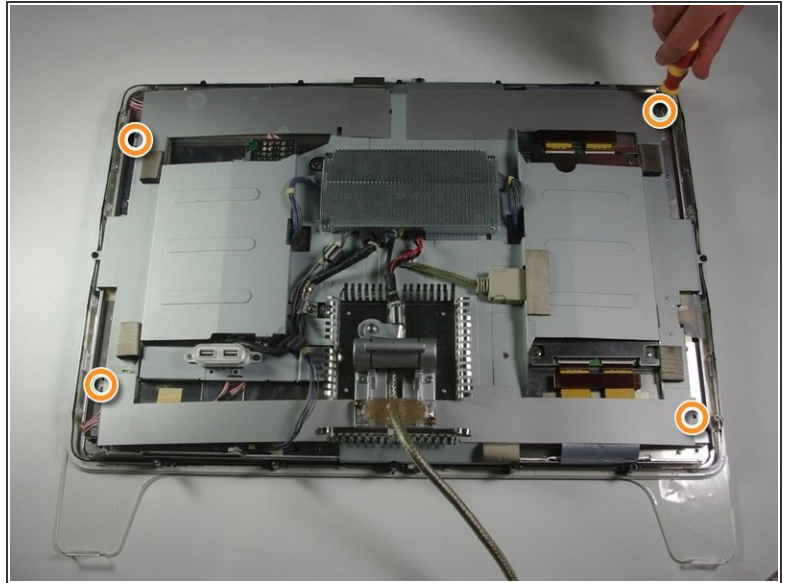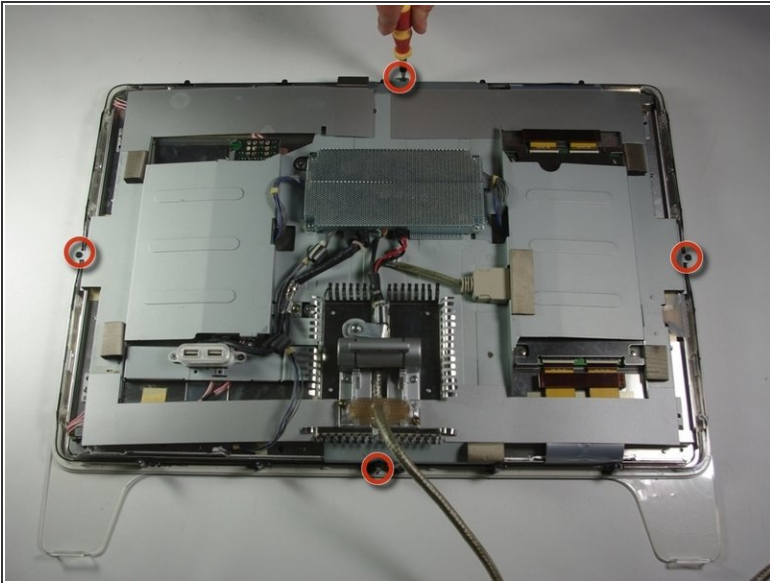⚠ Before starting, make sure the display is unplugged.

- Place the Cinema Display so that it is lying on its face and the feet are pointed away from you.

- Remove the three screws (9.52 x 4.43mm) that connect the back foot to the hinge using the Hex Key.

- Remove the back foot from the hinge mount by grabbing the foot and pulling upwards.
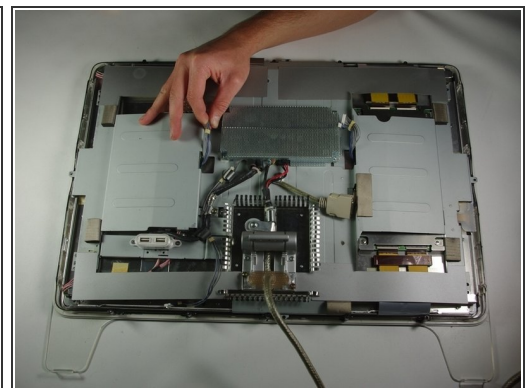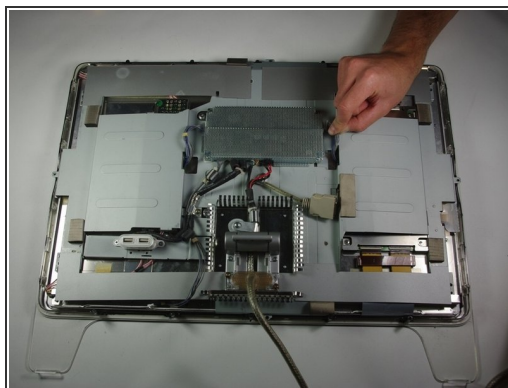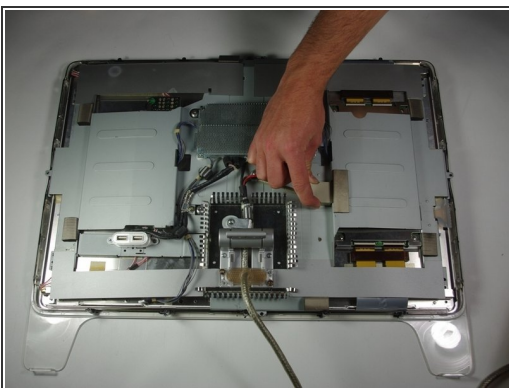
Step 2

- Remove the eighteen (5.25 x 4.43 mm) screws around the edge of the backplate using the Hex key.

- Disconnect the small white connector leading to the display's Power button.

- Gently lift the backplate off of the display. Completely remove the backplate and set it aside.
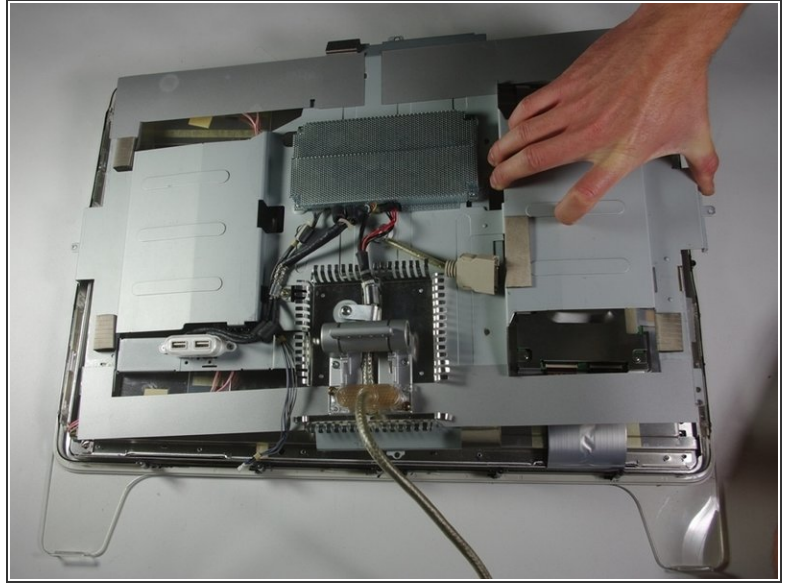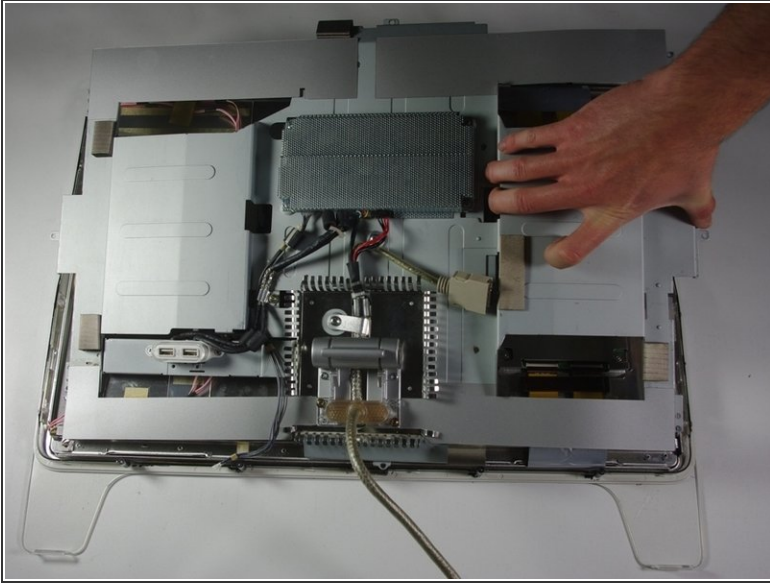
Step 3

- Use a Phillips #2 screwdriver to remove the four (9.52 x 3.43 mm) screws on the outer rim of the metal cover.

- Next, remove the four cover (11.91 x 2.89 mm) screws located at the corners of the metal cover using the Phillips #2 screwdriver.
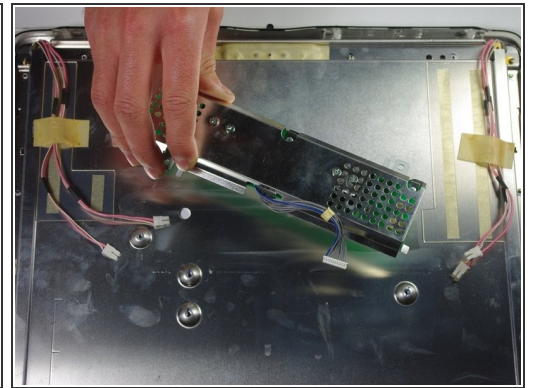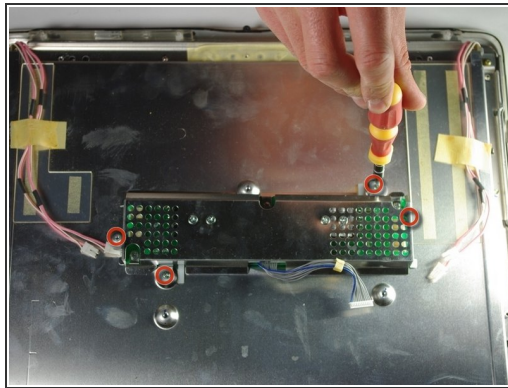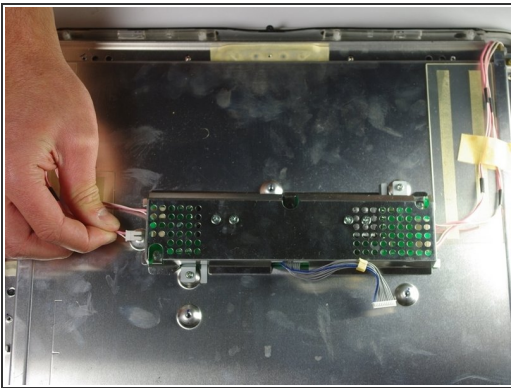
Step 4

- Unplug the large brown plug in the center-right, that connects the control board to the rest of the display.

- Unplug the blue and gray plug on the right side of the control board. Repeat with the left side.

Step 5

- Gently lift the large metal cover which spans across the back of the whole display.

Step 6 — Voltage Inverter

- Turn your attention to the left side of the cinema display.

- Using your fingers, unplug the small white plugs with pink wires from the top and bottom of the circuit board.

- Using the PH 2 screw driver, remove the four screws (6.9 x 2.55 mm) holding down the circuit board.

- Remove the circuit board by gently lifting it from the display.

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

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