Apple Cinema Display M8149 Voltage Inverter Replacement

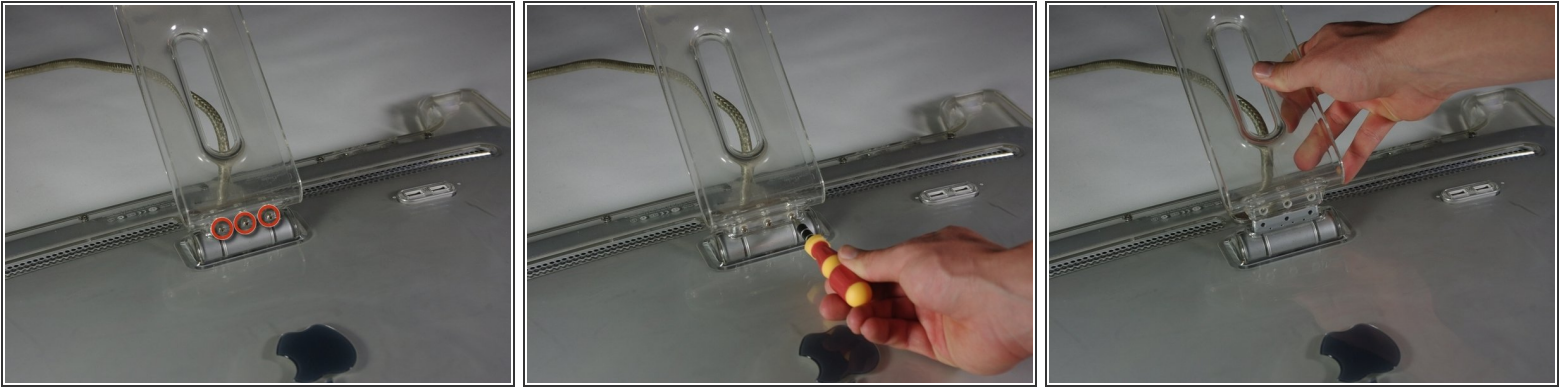Replace Voltage Inverter.

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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.
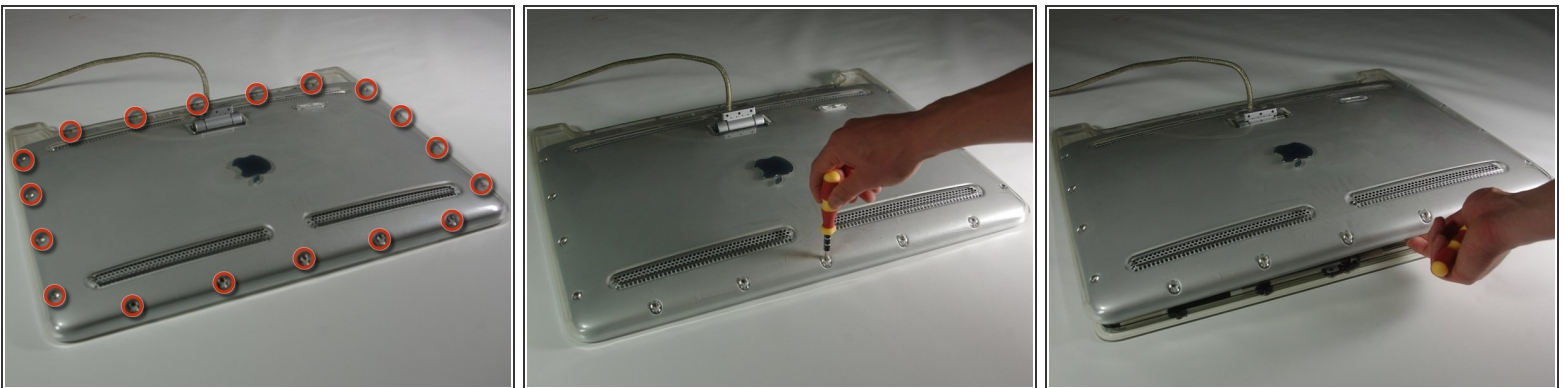
🔧 TOOLS:

- Phillips #2 Screwdriver (1)

Step 1 — Accessing Control Boards

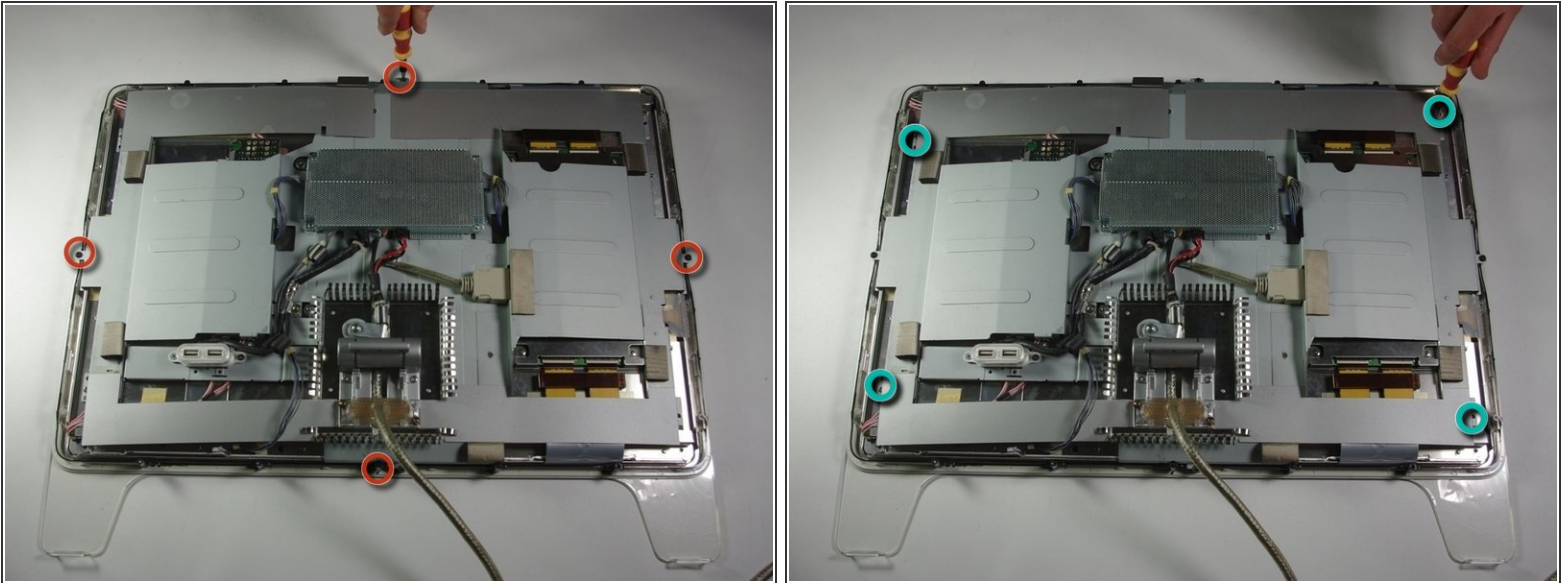⚠️ Before starting, make sure the display is UNPLUGGED. Failure to do so can result in shock and serious injury.

● Flip the Cinema Display so it is on its face and the feet are pointed away from you.

● Using the PH 2 screw driver, unscrew the three feet screws (9.52 x 4.43mm).

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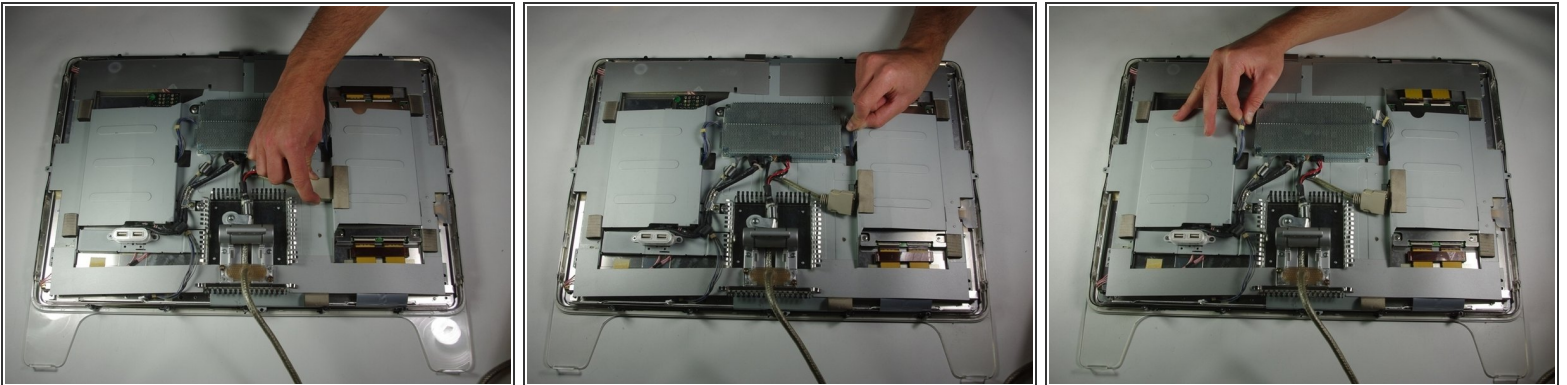
Step 2

● Locate and remove the back plate screws (5.25 x 4.43 mm) using the PH 2 screw driver.

● Lift the back plate off of the display.

● Completely remove the back plate and set it aside.

Step 3

- With the PH 2 screw driver, remove the four rim screws (9.52 x 3.43 mm) located on the outer rim of the metal cover.

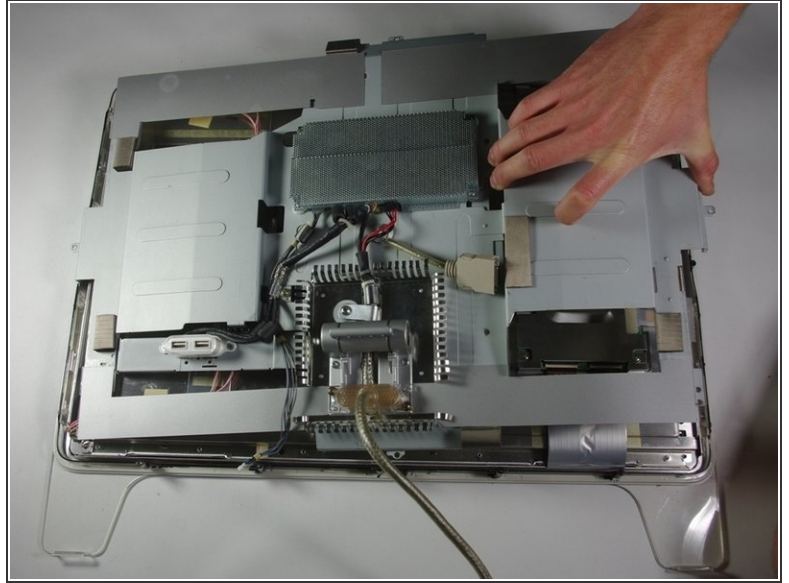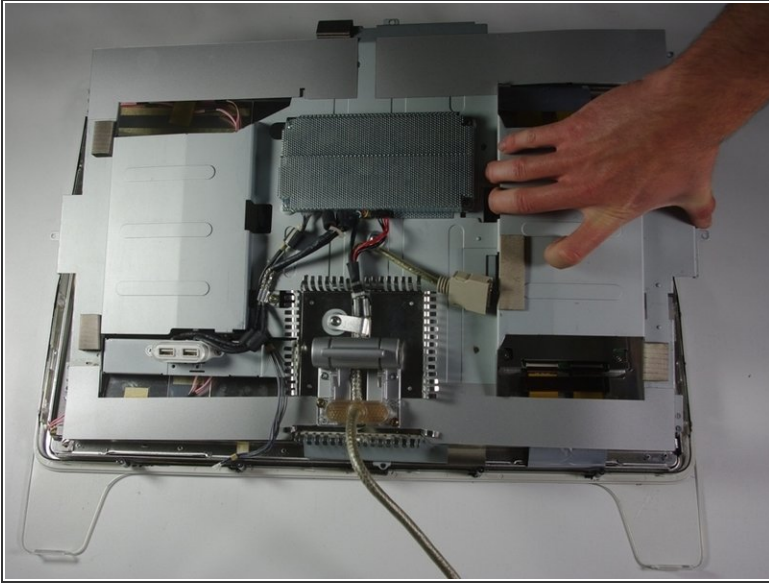- Next, unscrew the four cover screws (11.91 x 2.89 mm) using the PH 2 screwdriver.

Step 4

- Unplug the large plug 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.

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

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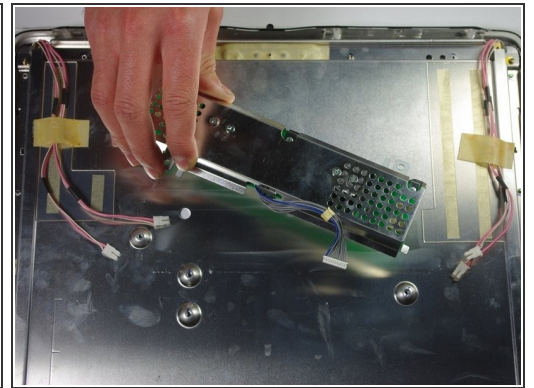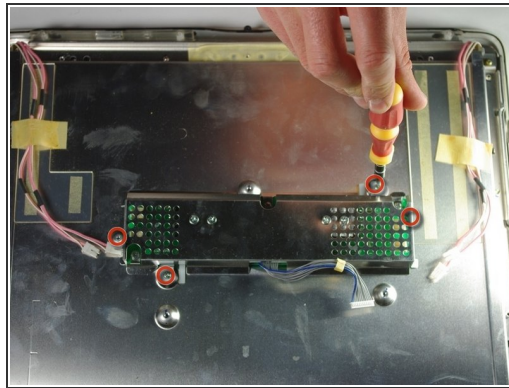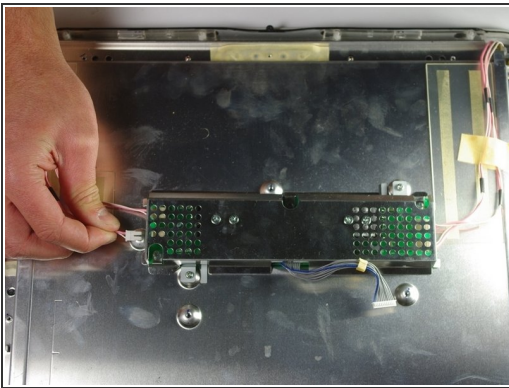
Step 5

- Lift the large metal cover which spans across 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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