



Envision EN7410 Teardown

This guide will show step by step the teardown of an Envision EN7410 15" LCD Monitor

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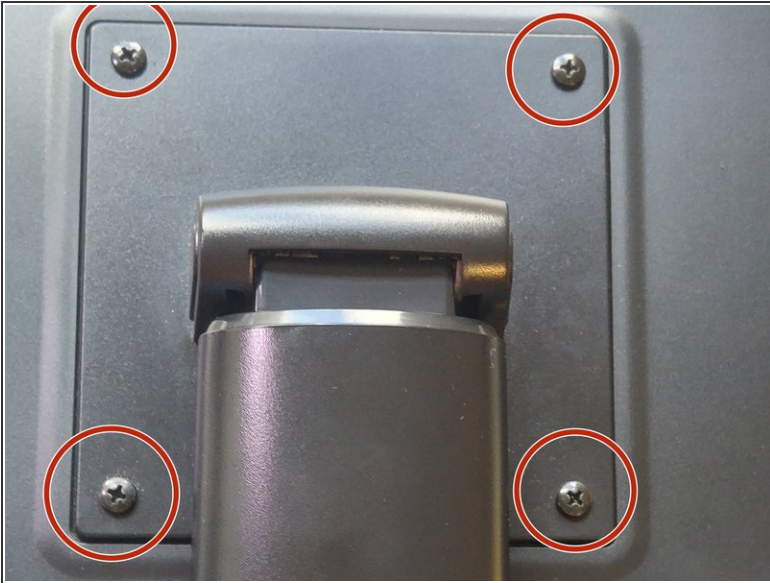
INTRODUCTION

In this tutorial, I will show you how to do a complete teardown of this monitor, using only two different sized Philip's head screwdrivers

TOOLS:

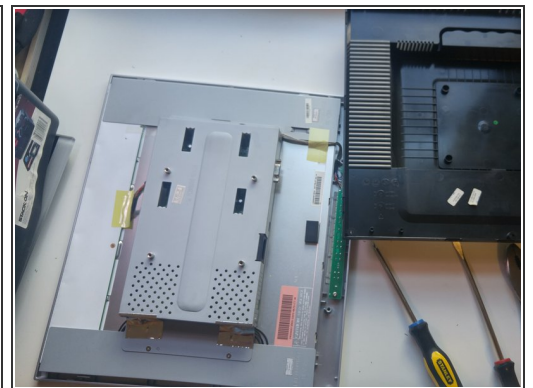
- [Phillips Head Screwdriver: Size PH1](#) (1)
 - [Mini Philips Head Screwdriver](#) (1)
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Step 1 — Removing the stand



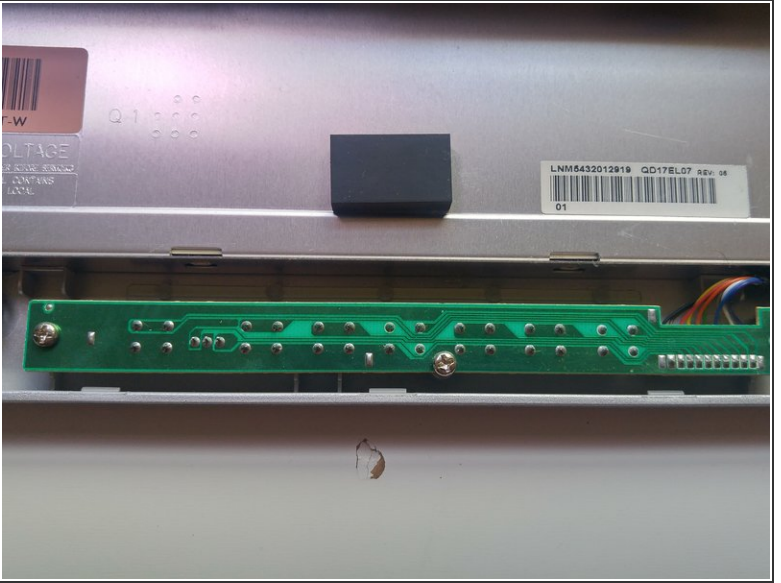
- Place the monitor on its screen side down
- Remove the four screws holding the stand onto the monitor

Step 2 — Remove backing



- To remove the backing, remove the two screws holding the case in place.
- The monitor is held in place with clips. Lightly bend the backing backwards to separate the frame from the screen

Step 3 — Remove lower circuit board screws



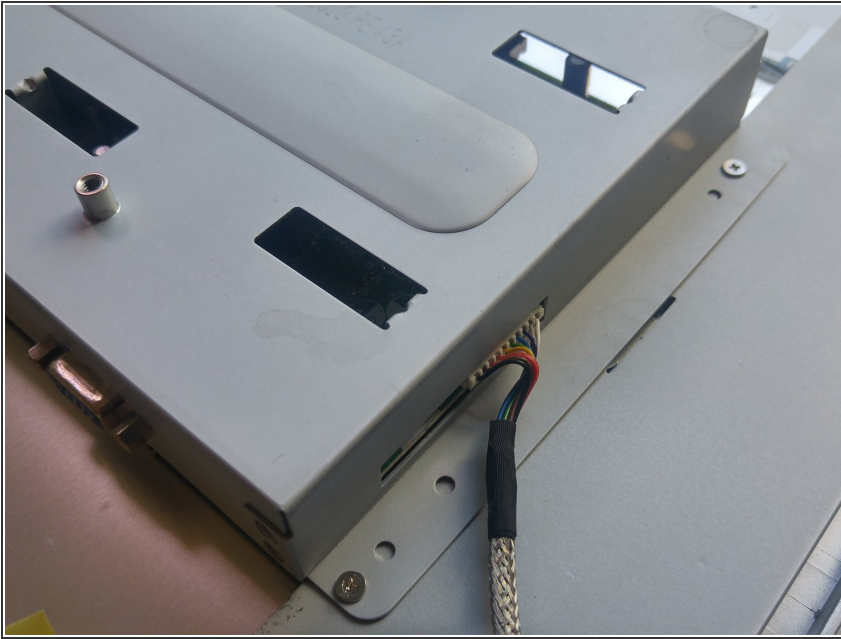
- We must first remove the circuits connected to the buttons used to calibrate the monitor
- Remove this section by unscrewing the three screws holding it in place
- Remember that this section is connected by wires, and should be handled carefully

Step 4 — Disconnect cable from top circuit board



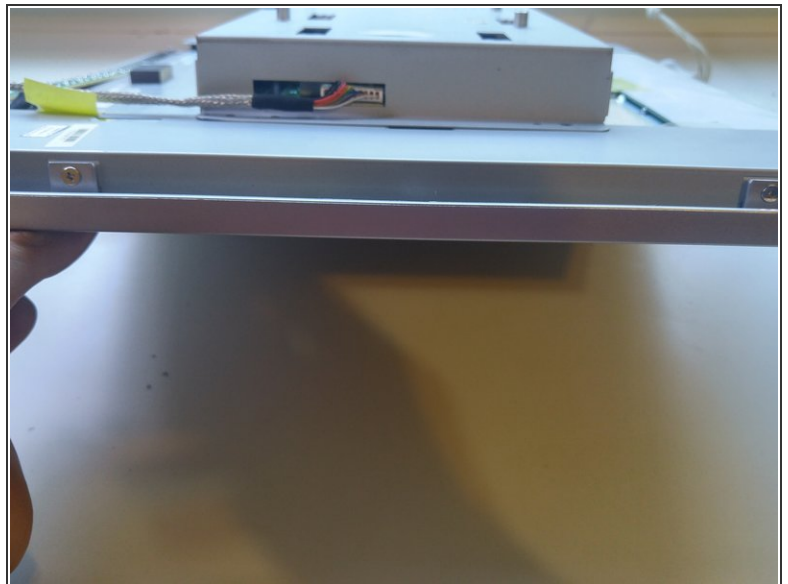
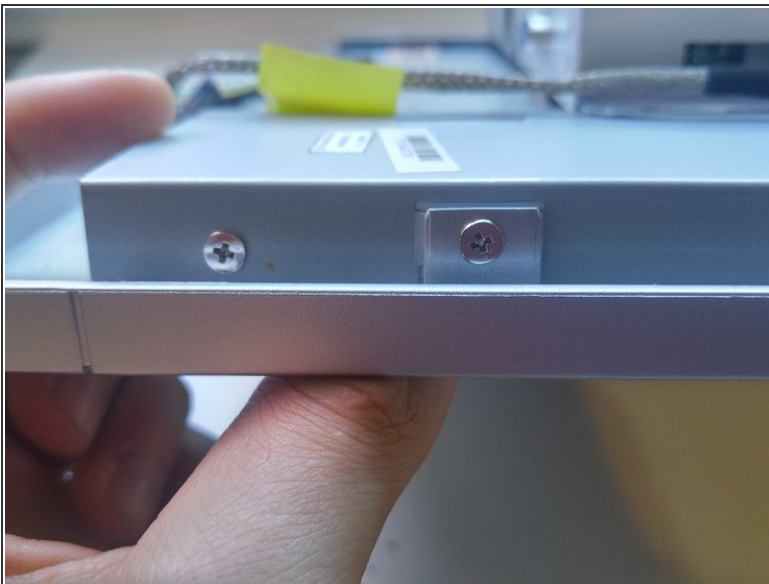
- Hold right below the cables and pull the cable apart from the top circuit board

Step 5 — Remove side screws



- There are four screws on each side of the monitor that you must remove to disassemble the rest of the monitor
- These screws are relatively tiny, so make sure that they are stored securely

Step 6 — Removing Circuit board casing



- Remove the backing of the circuit board by unscrewing the four screws holding it in place
- Make sure Step 3 was completed in full because it is connected to this part

Step 7 — Remove side panels and tape



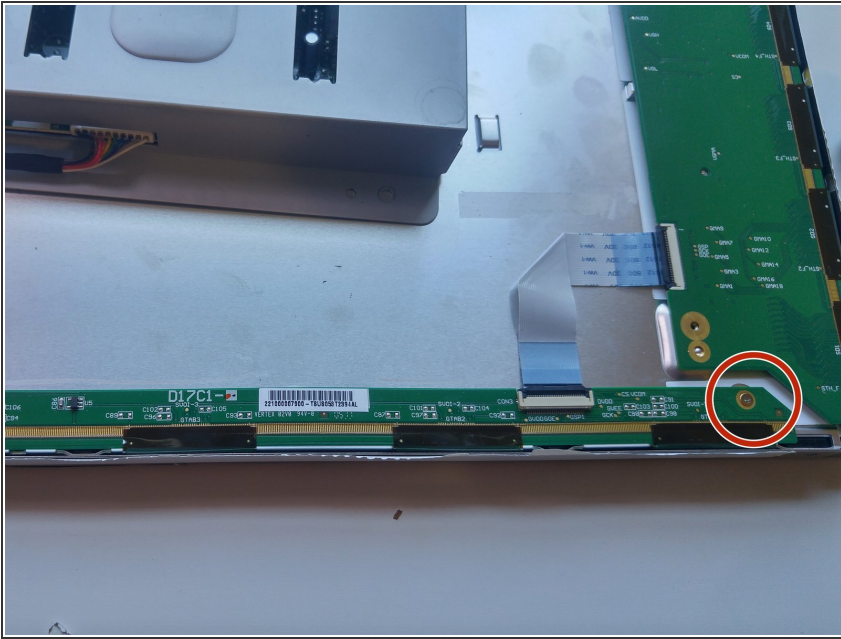
- Remove these panels after the past steps have been completed in full
- Remove the tape covering any of the screws or wires we will remove in future steps

Step 8 — Remove screws to upper circuit board



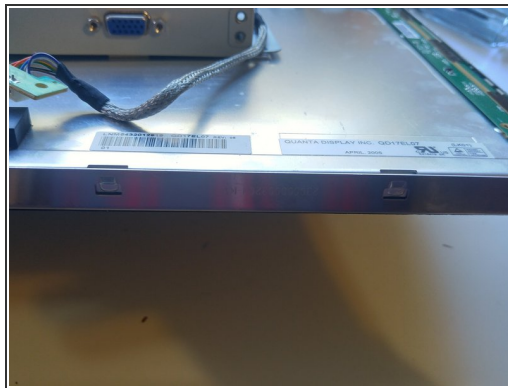
- Remove the three screws on the circuit board
- Use the mini Philip's head

Step 9 — Remove screws from side circuit board



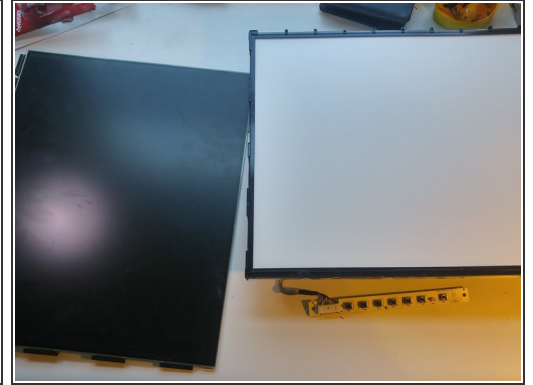
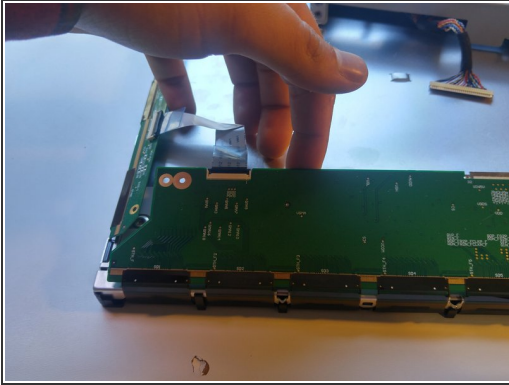
- Remove the two smaller screws on the side circuit board
- Remember to use the mini Philip's head

Step 10 — Removing metal frame



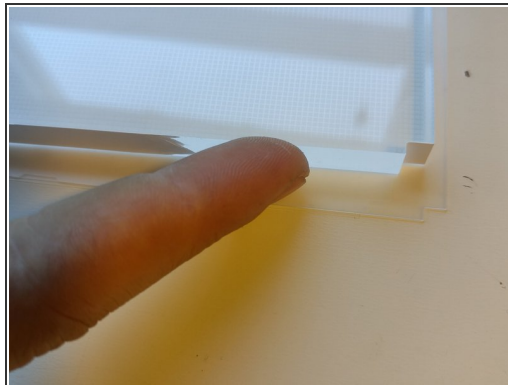
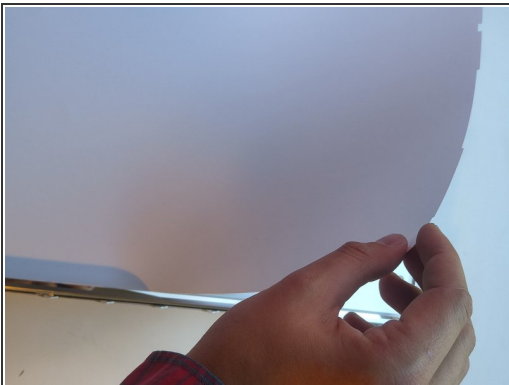
- Pop away the metal frame surrounding the LCD monitor
- This is similar to removing the other frame in step 2

Step 11 — Removing the black LCD screen



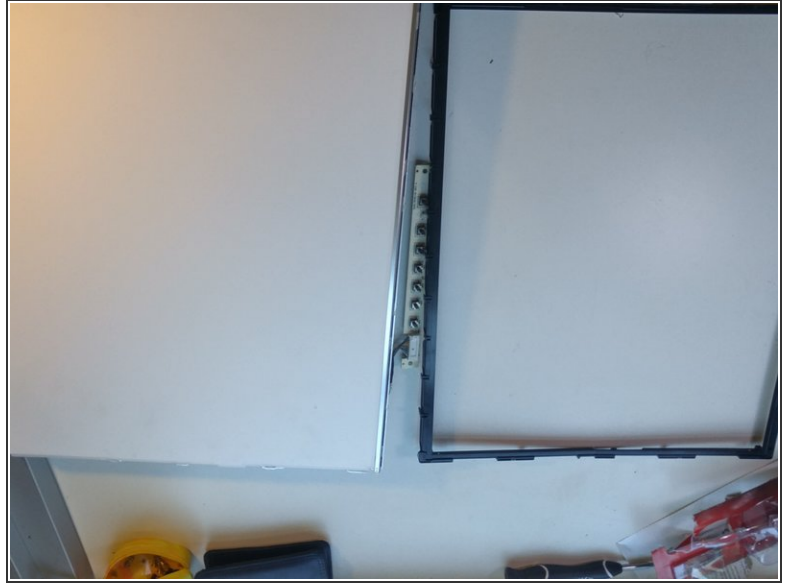
- Raise the green circuit boards up
- Holding the screen vertically, slide the black screen off

Step 12 — Removing the LCD Glass Panel



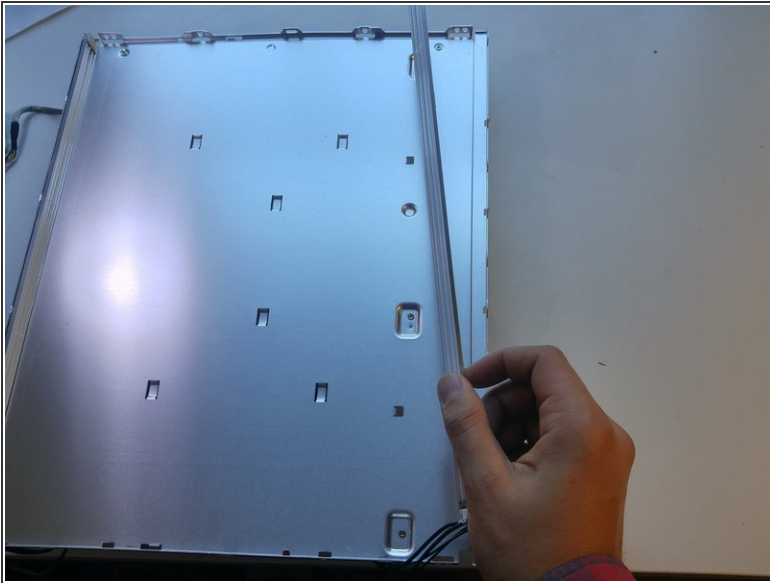
- Remove the plastic filter sheets covering the LCD glass panel
- Place your fingers on the sides of the glass panel and lift it upwards to remove it

Step 13 — Remove the inner black frame



- Place the monitor white side up
- Just like the previous frames, pop the plastic black frame apart from the rest of the monitor

Step 14 — Removing electronics from monitor



- gently lift the two metal bars connected to the circuit board.
- This will separate the two components apart
- You have successfully completed a teardown of the Envision EN7410 monitor