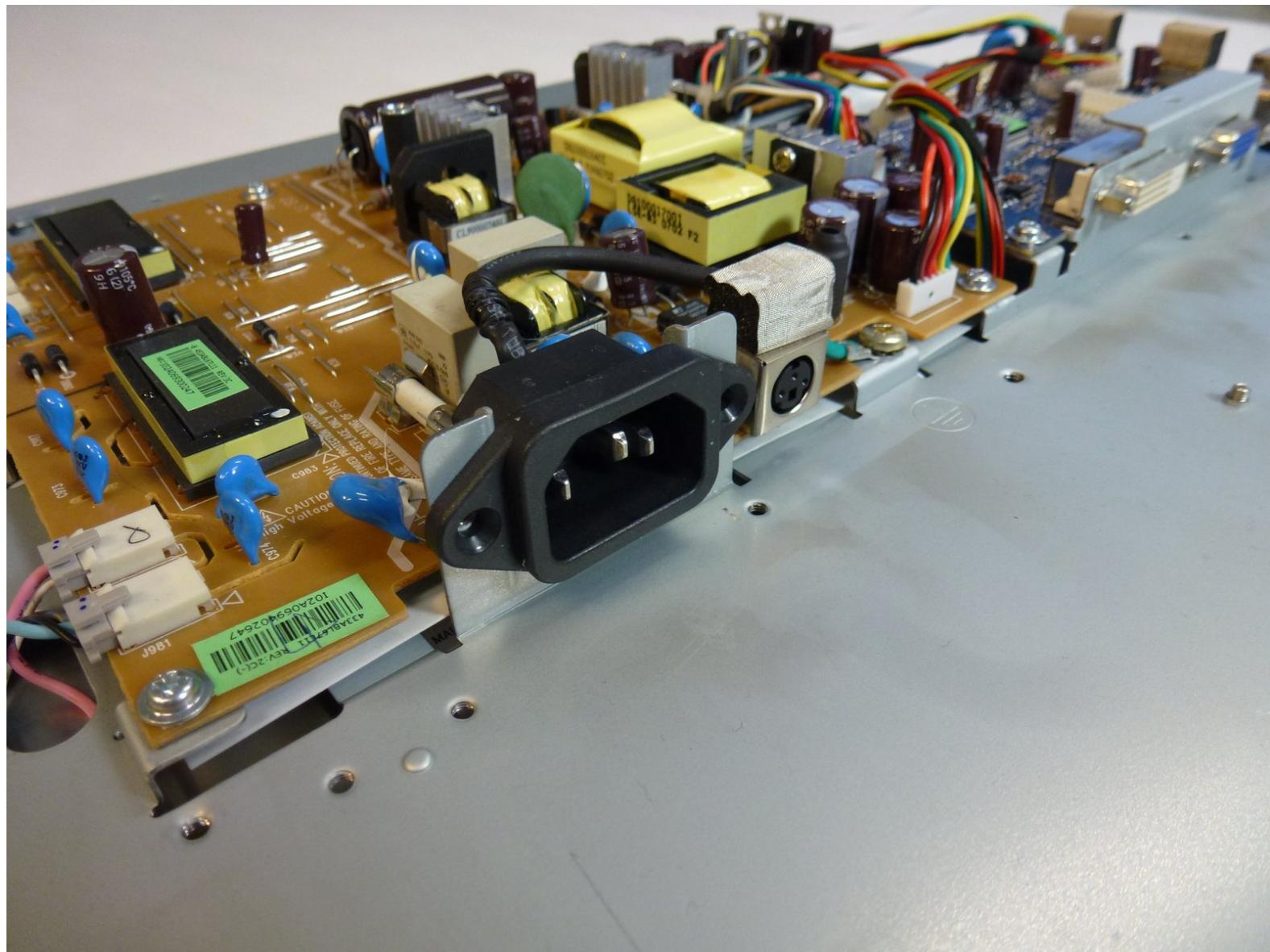




NEC LCD1770NX Power Input Replacement

If the power input has bent contacts or has something jammed in it, you will need to replace the entire connector.

Written By: Charlie Mohr



INTRODUCTION

Replacing the Power supply will require soldering

TOOLS:

- [Soldering Iron](#) (1)
- [Desoldering Braid](#) (1)
- [1 Philips screwdriver](#) (1)

PARTS:

- [Power input](#) (1)

Step 1 — Stand



- Place the monitor face down on a clean, flat surface.

Step 2



- Firmly remove the back panel of the stand by pulling it up and away from the monitor.

Step 3



- Unscrew the two 6mm Phillips PH2 screws to detach the stand enclosure from the stand.

Step 4



- Firmly grasp the stand enclosure with your hand and slide it to base of stand.

Step 5



- Unscrew the two 14.5mm Phillips PH2 screws holding the stand to the monitor.

Step 6



- Lift the stand straight up to remove it.

Step 7 — Monitor Enclosure



- Place the monitor screen face up.
- Pull the frame off by placing your fingers on the inside of the frame and pulling out and up, the frame should snap off.
- Continue your way around the screen.

Step 8

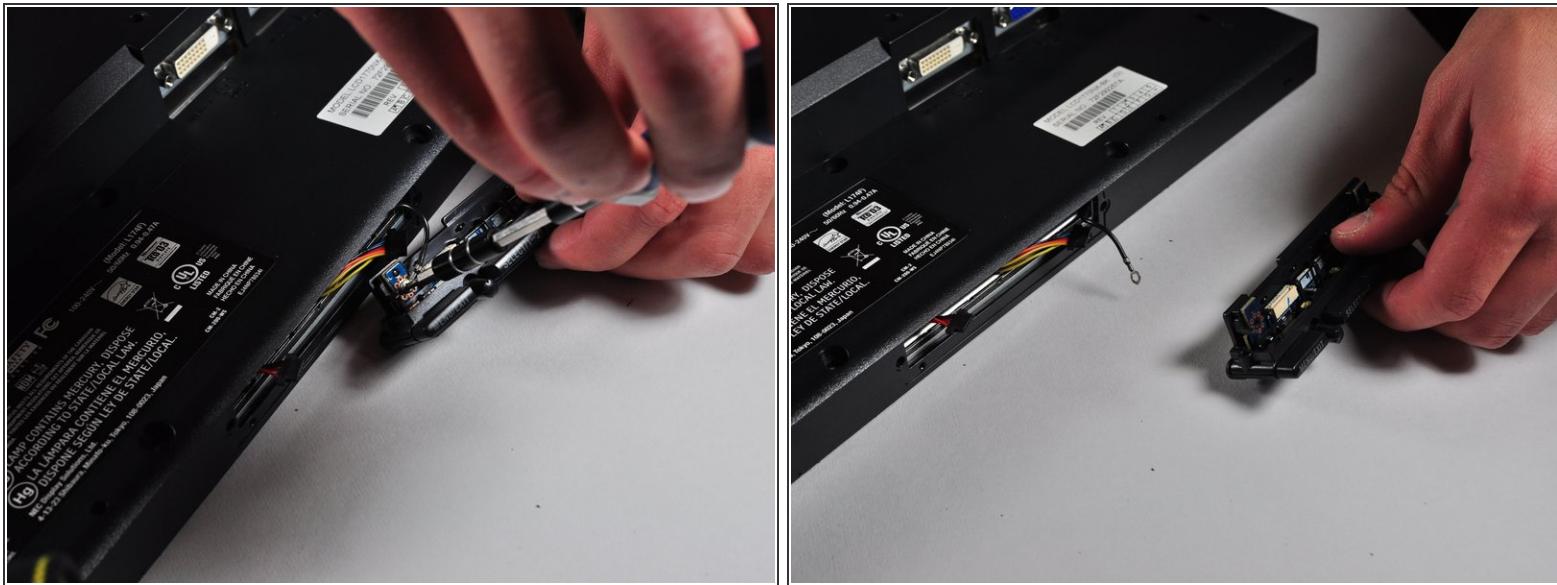


- Unscrew the two 7mm screws from the bottom of the button assembly.

⚠ Do not pull the button assembly out too quickly or with too much force! Damage to the wires can occur.

- Pull the button assembly out a few inches and unplug the colored cables.

Step 9



- Unscrew the gold colored 7mm Phillips PH000 screw holding the button assembly to the monitor.
- Remove the button assembly from the monitor.

Step 10



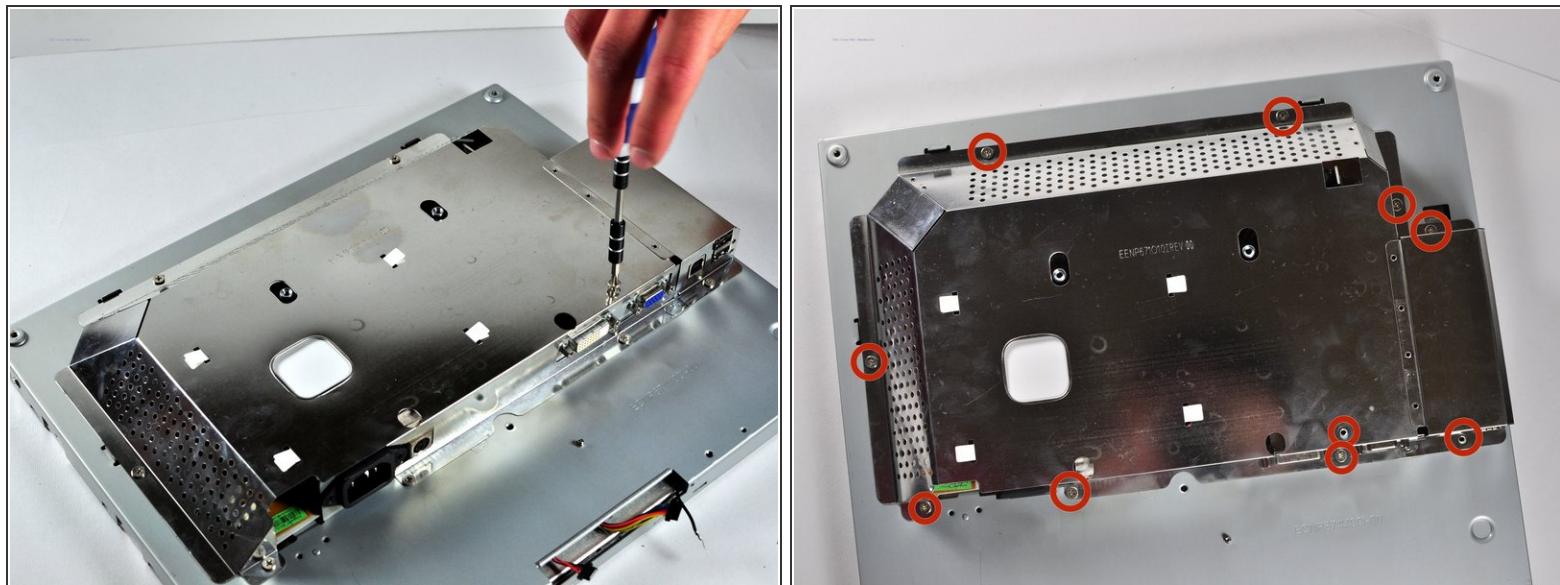
- With the monitor face-down, unscrew the 5 7mm Phillips PH2 screws around the outside of the enclosure.

Step 11



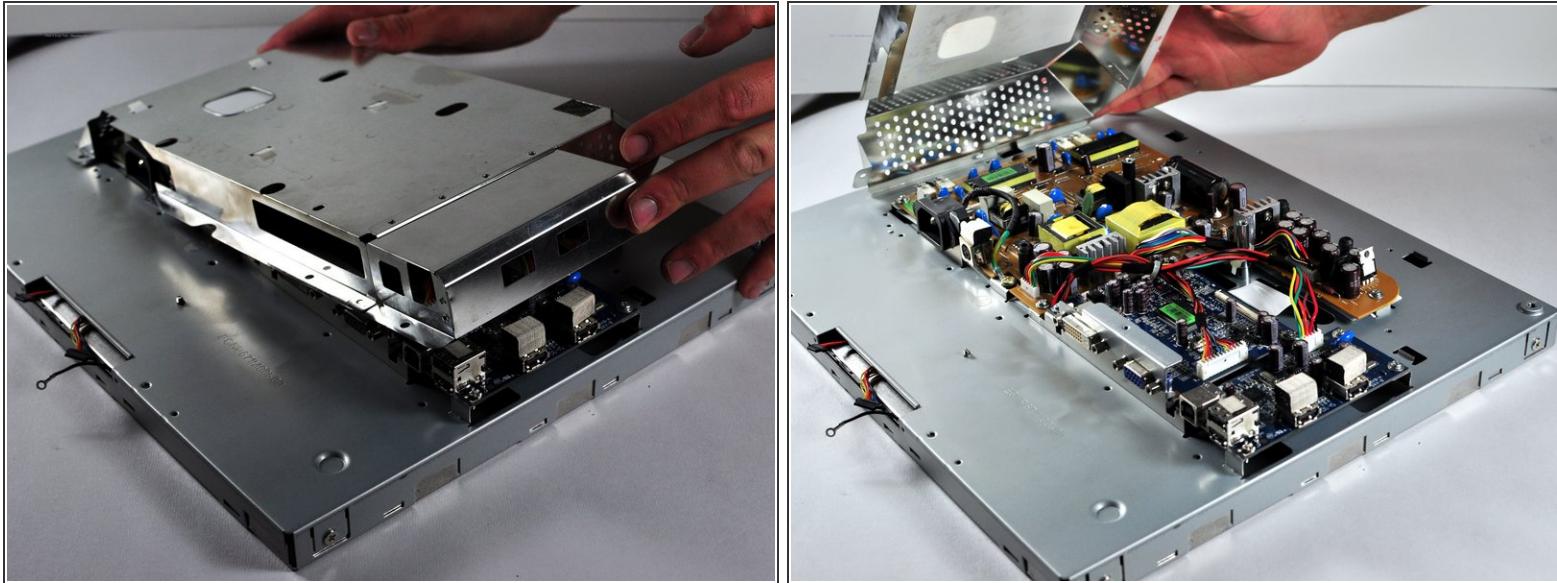
- Unscrew the 2 14.5mm Phillips PH2 screws located on the raised center of the enclosure.
- Carefully pull the enclosure off the monitor.

Step 12



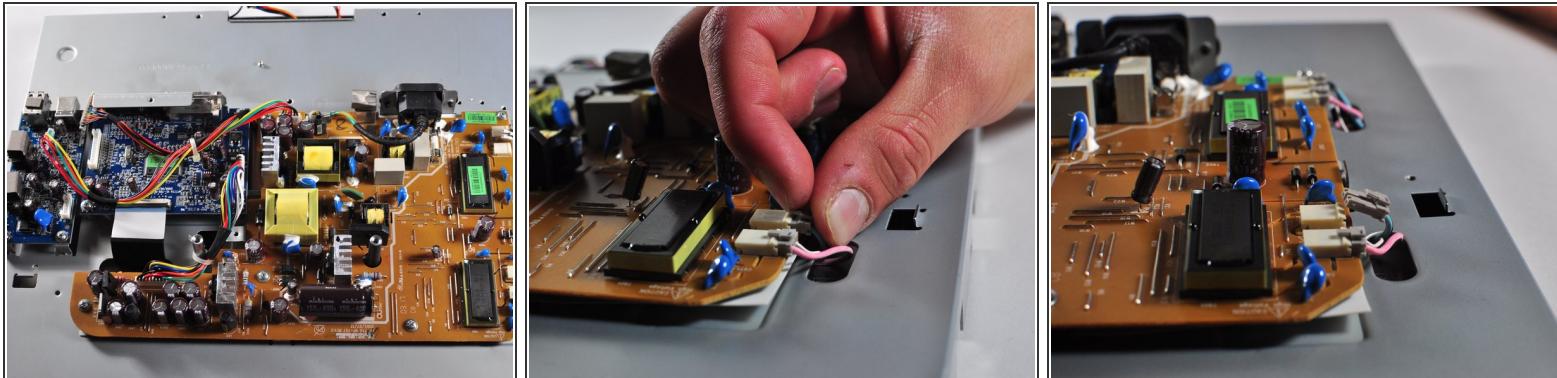
- Unscrew the 10 5mm Philips PH2 screws holding the metal casing to the monitor.

Step 13



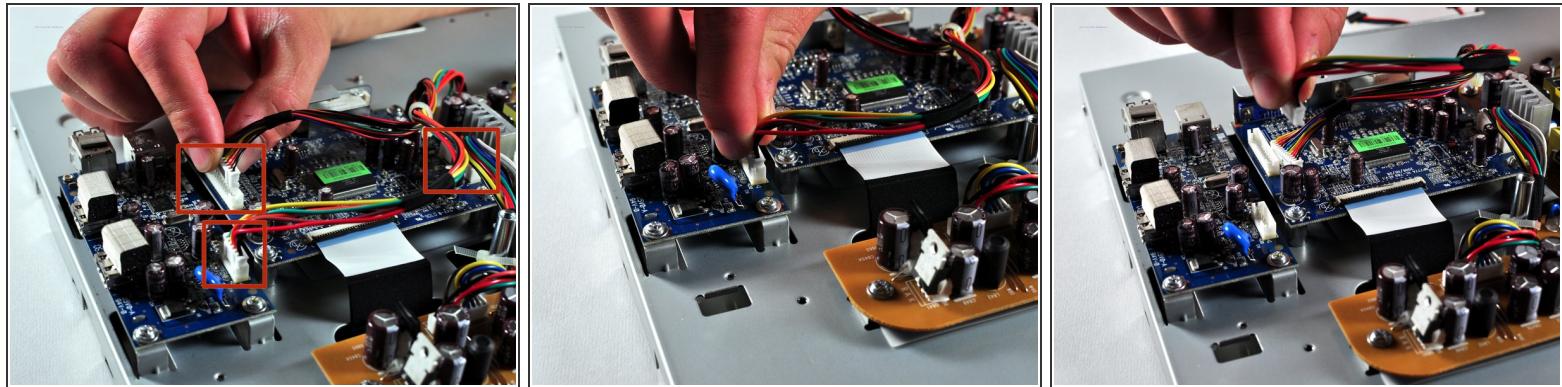
- Pull the the metal casing off of the monitor to reveal the motherboards.

Step 14 — Power Circuit Board



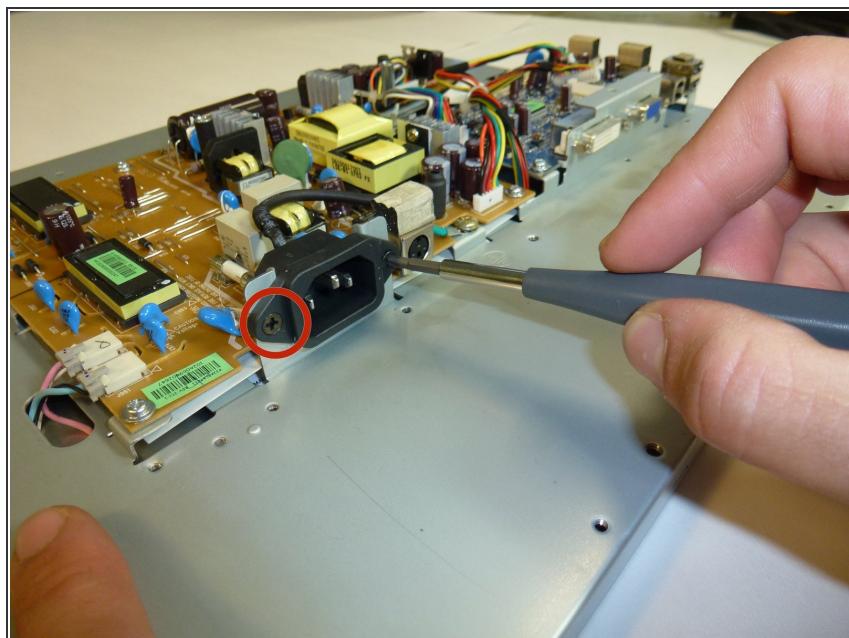
- Make a note or use a pen to mark which plugs correspond to which colors. (Pink or Blue)
- Remove the four plugs on the brown circuit board by pulling up on the tabs and wiggling them out. You could also use a spudger to help you lift little clips holding them in.

Step 15



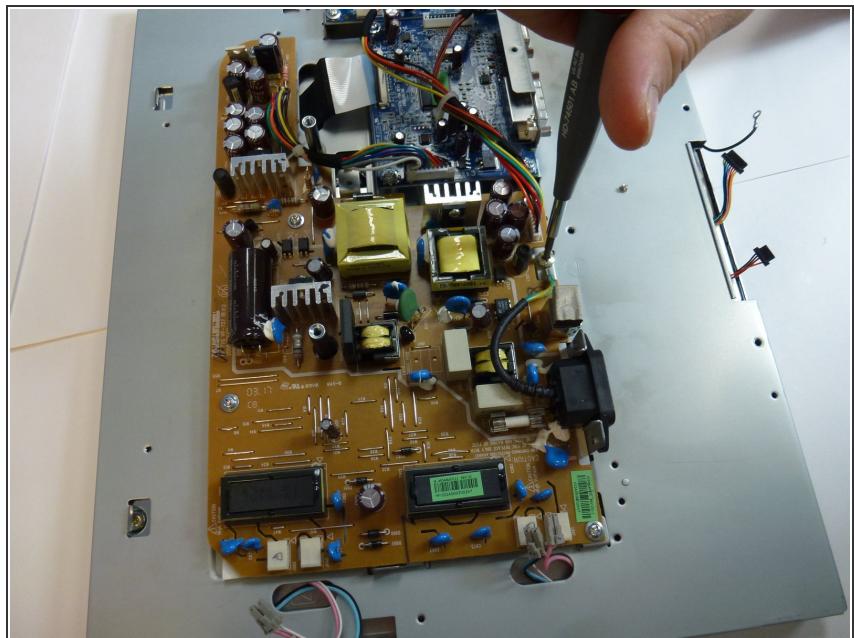
- Locate the several multi-wire connectors on the board.
- *(i)* These connect several parts of each board together and consist of several different colors of wires. There is also a zip-tie holding the two sets of wires together that you can cut if it is getting in your way.
- Disconnect the three plastic connectors from the blue colored boards by pulling them up while wiggling them.
- *(i)* Some force is necessary, it may also help to use the [Large Needle Nose Pliers](#).

Step 16



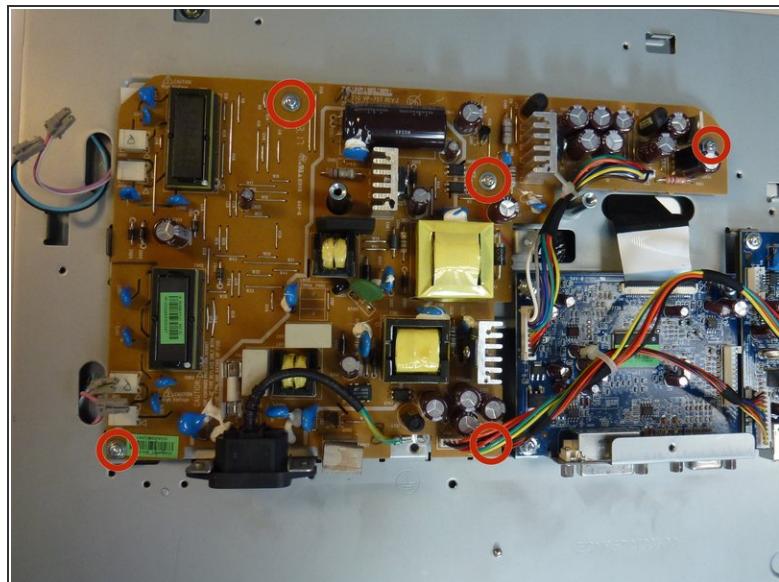
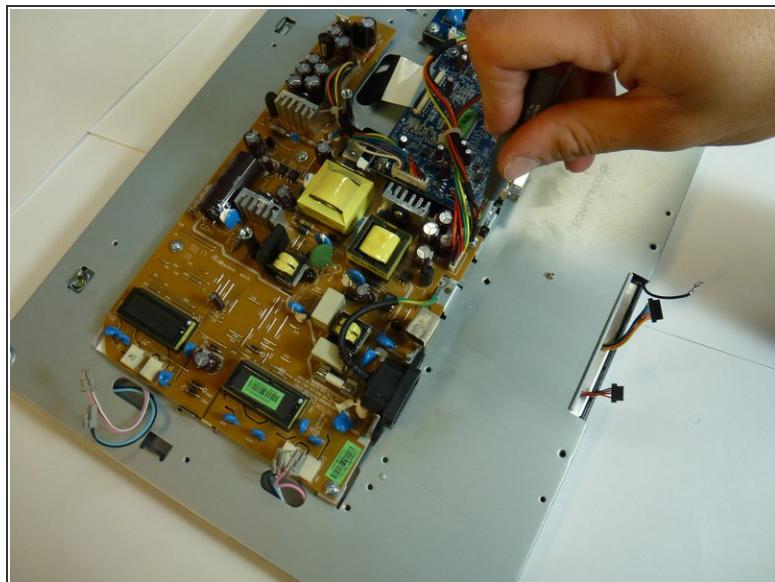
- Locate the large black power plug.
- Using a [Phillips #1 Screwdriver](#), unscrew the two 8mm bolts holding the black tabs to the metal frame.

Step 17



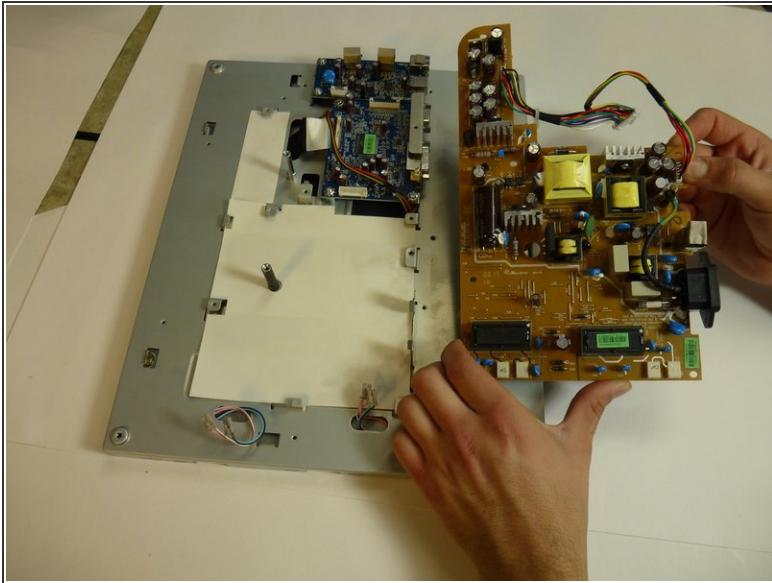
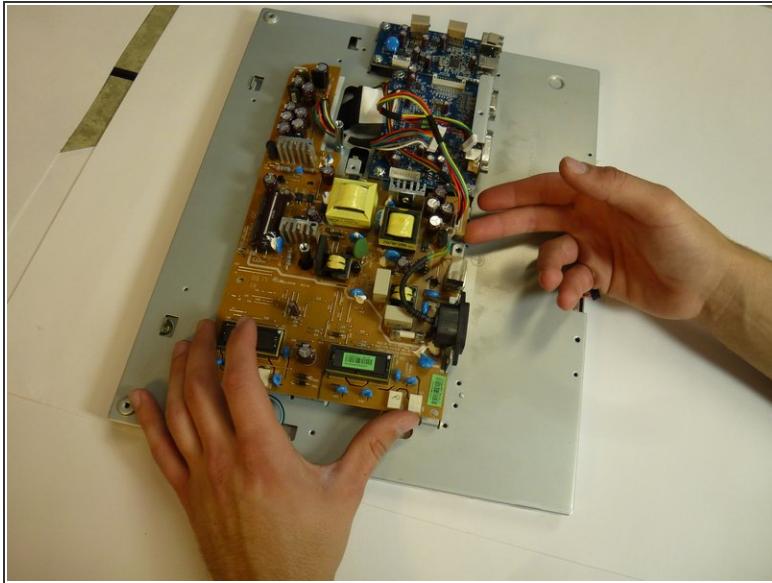
- Locate and remove the gold colored 10mm Philips screw located near the black power plug. It holds in a wire that connects to the power plug.

Step 18



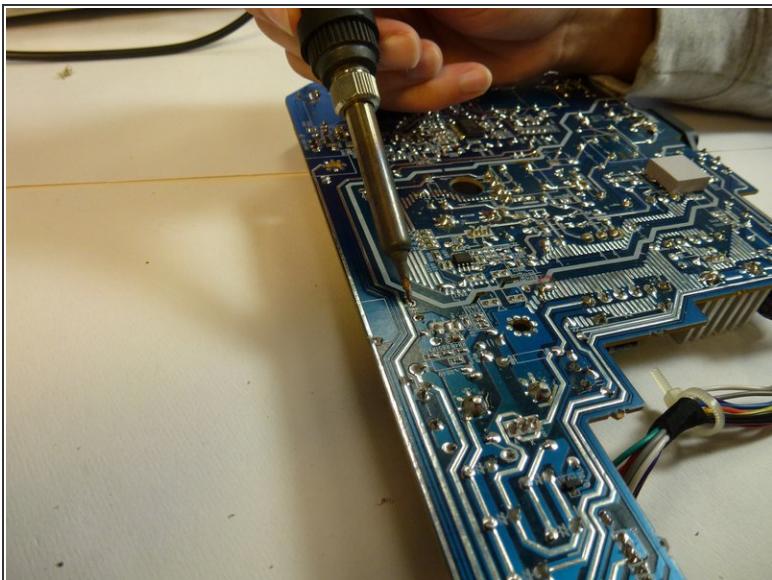
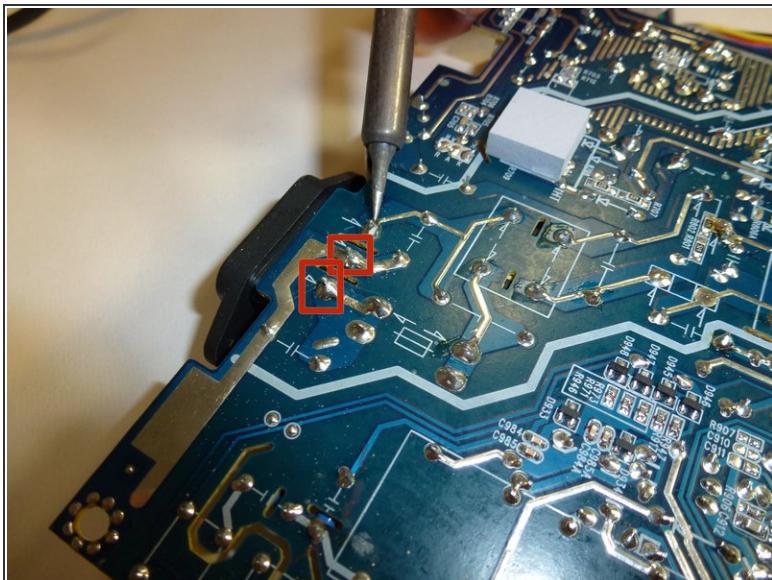
- Remove 5 8mm Phillip1 screws, with a Philips 1 screwdriver, located in various places on the board.

Step 19



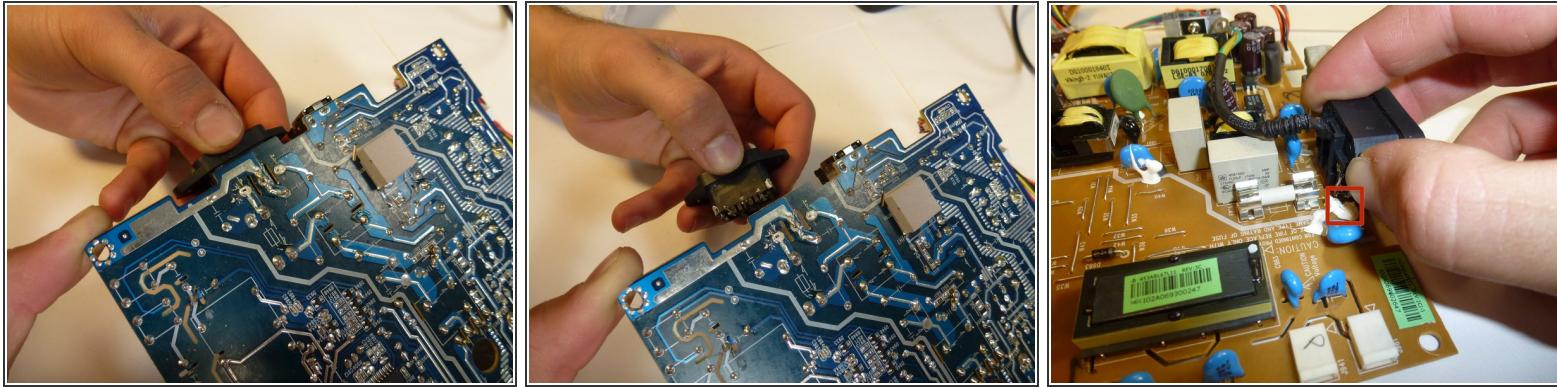
- Lift the brown power supply board off of the frame and set it aside.

Step 20 — Power Input



- Remove the solder from the three joints attached to the power input.

Step 21



- Grab hold of the power supply jack and remove it from the power supply board.
- ⓘ A little force and a wiggling action may be needed to remove the power supply jack from the glue.

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