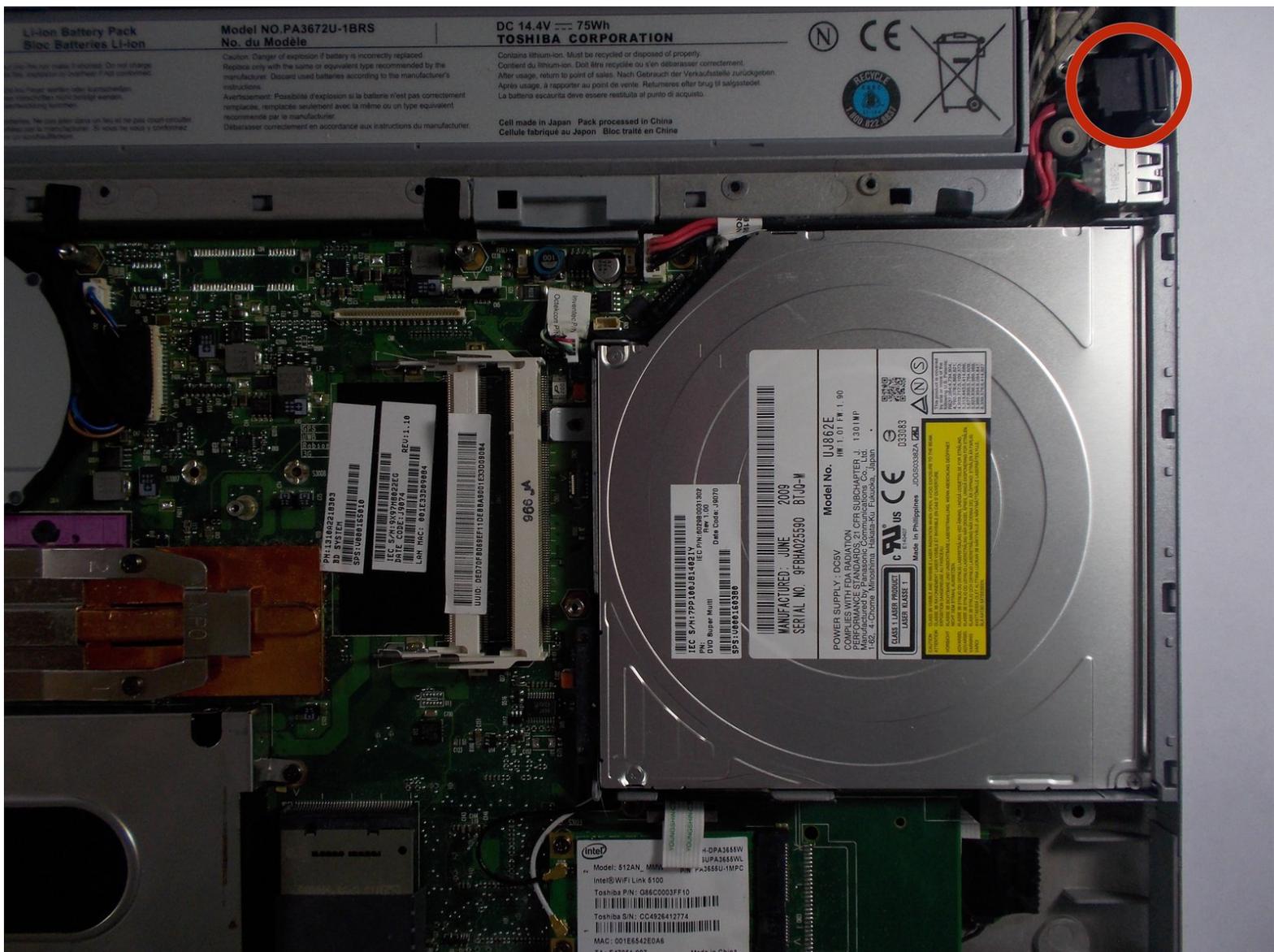




# Toshiba Satellite E105-S1602 Charging Port Replacement

The charging port is where the charging cord...

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## INTRODUCTION

The charging port is where the charging cord connects into the device. If your device will not charge with the cord plugged in, it may need a new charging port.

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### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
  - [iFixit Opening Tool](#) (1)
  - [Tweezers](#) (1)
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## Step 1 — Battery



- Slide both of the latches to the outside to release the battery.

## Step 2



- Pull the battery out by lifting the battery cover away from the laptop.

## Step 3 — Keyboard



- Flip the computer over and insert the plastic opening tool under the plastic strip at the top of the keyboard.
- Pry the top plastic strip from the top of the keyboard.
- Peel the strip completely away from the keyboard.

## Step 4



- Using your Phillips #00, unscrew the two 4.80mm screws at the top of the keyboard.

## Step 5



**⚠** When removing the keyboard, be careful not to rip the ribbon cable connecting the keyboard to the computer, to avoid damaging it.

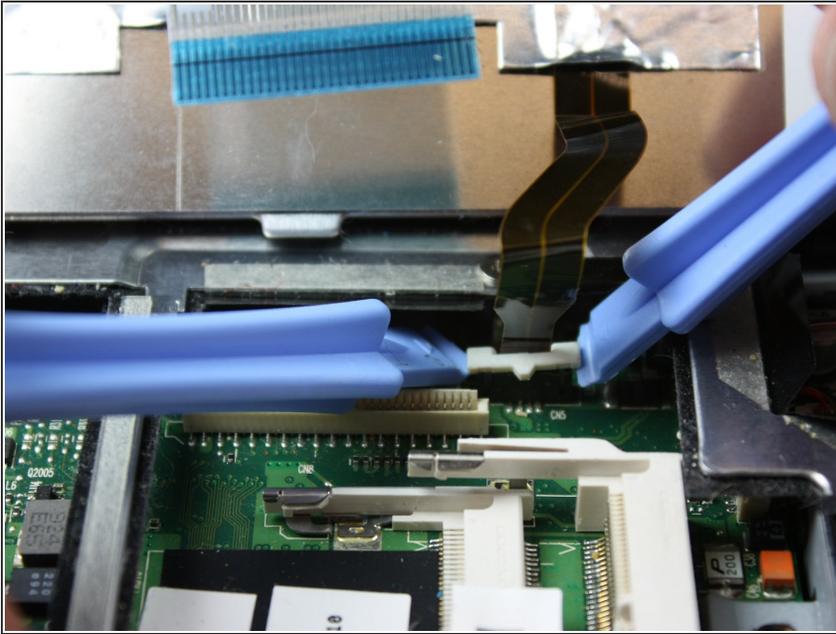
- Flip the keyboard up from the bottom in order to see the two ribbons connecting it to the motherboard.

## Step 6



- Using the plastic opening tools, pop out the ribbon cable from the rest of the computer.

## Step 7



- Using the plastic opening tools, pop out the second ribbon cable from the rest of the computer.

## Step 8



- Completely remove the keyboard from the laptop by lifting up the part closest to the screen, and then gently pulling out the bottom half.

**i** Keep the keyboard safe by storing it on a flat, non-metallic surface until needed.

## Step 9 — Front Panel



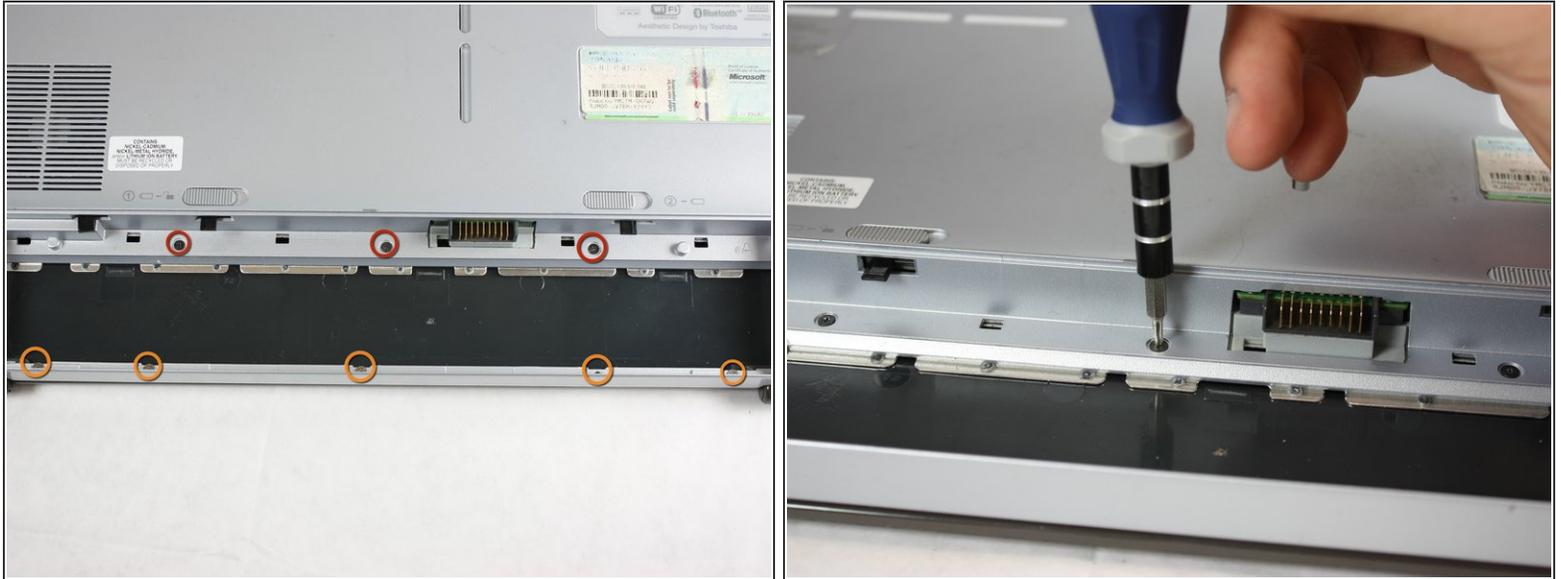
- Locate the four silver screws on the front panel.
- Using the Phillips #0, unscrew to remove all four 2.95mm silver screws.

## Step 10



- Flip the laptop over and locate all seven screws on the bottom of the laptop.
- Unscrew all seven Phillips#00 7.70mm screws.

## Step 11



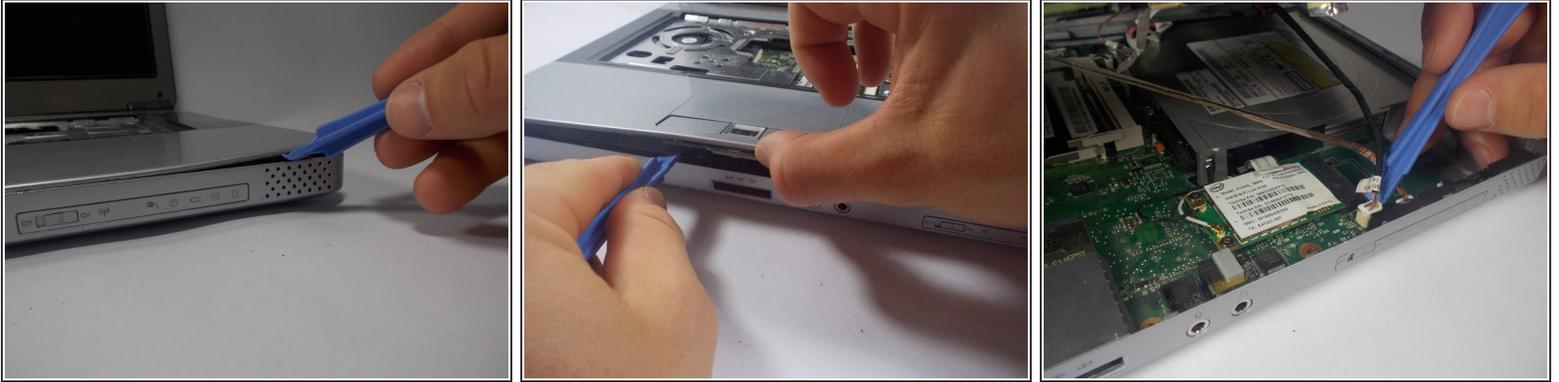
- Locate and unscrew the three silver Philips #00 2.85mm screws inside the battery compartment.
- Locate and unscrew the five black Philips #00 3.25mm screws inside the battery compartment.

## Step 12



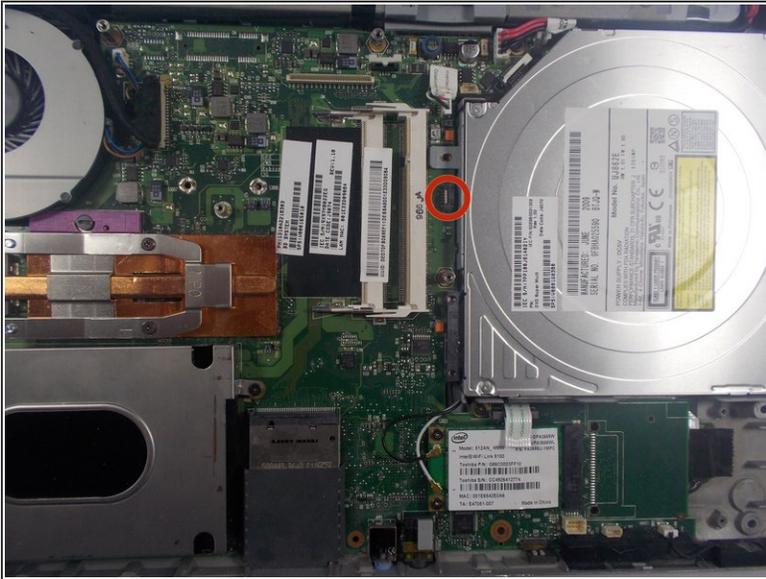
- Rotate the laptop so the back faces you.
- Locate the two black Philips #00 7.65 screws, one by each hinge, and remove.

## Step 13



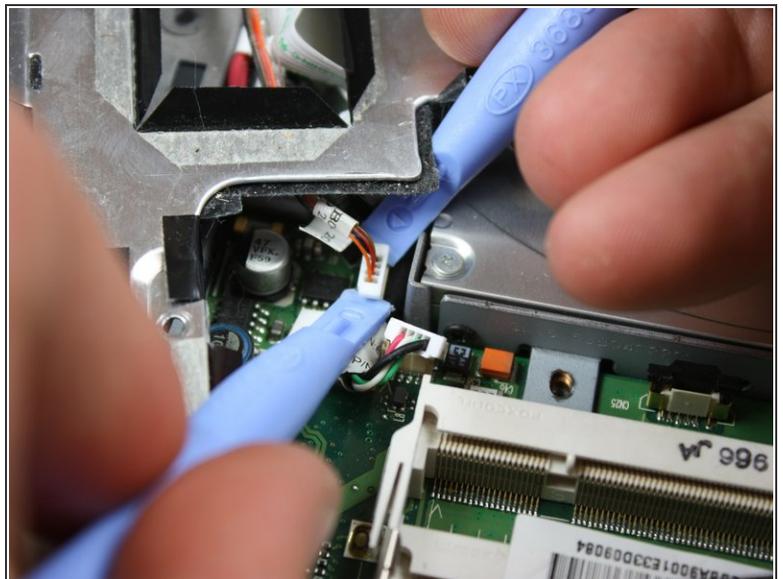
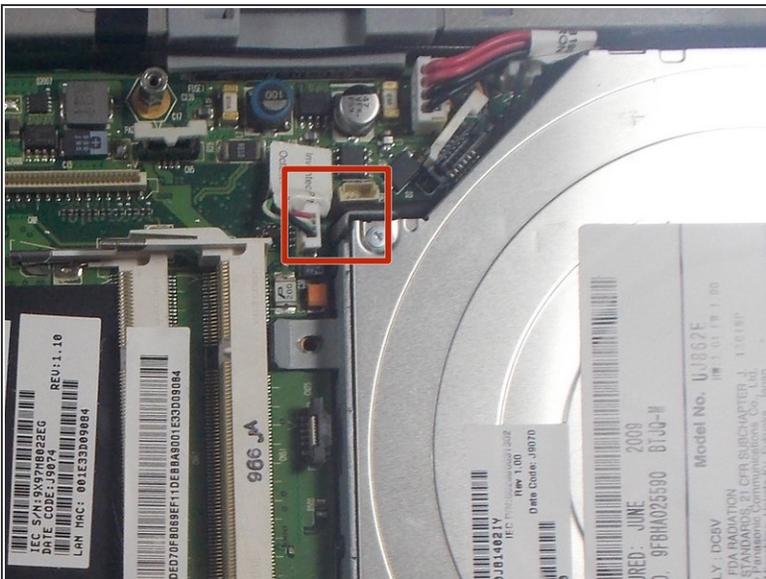
- Use the plastic opening tool to pry the top panel up from the base of the computer.
  - Slowly work your way around the computer with the plastic removing tool to make it easier to lift the top panel away from the base.
- ⚠ Carefully lift the top panel no more than six inches, as there are ribbon cables connecting the two pieces.**
- Disconnect ribbons, and slowly lift the top panel up, away from the base.

## Step 14



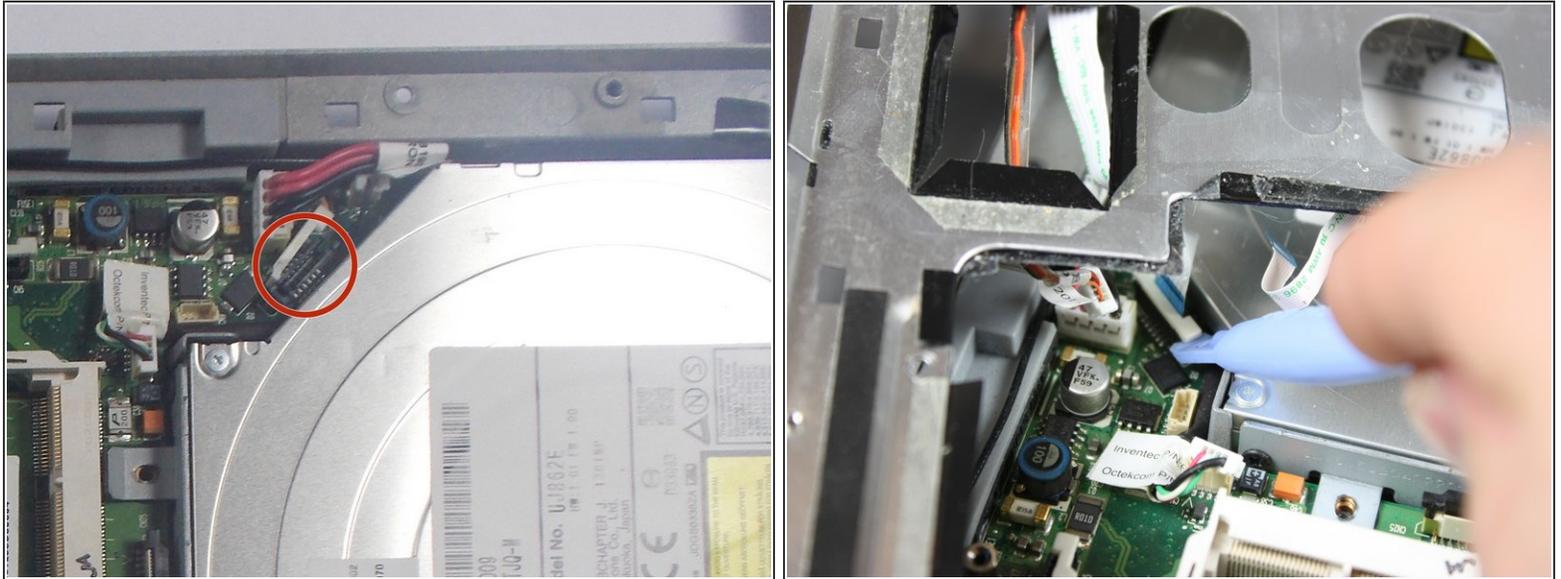
- Locate the ribbon cable from the motherboard.
- Using plastic removing tools, pop the ribbon base from the motherboard.

## Step 15



- Locate the two plugs from the motherboard.
- Using plastic opening tools, remove each plug from the motherboard.

## Step 16



- Locate the ribbon cable partially hidden under the front panel.
- Using plastic opening tools, pop out the ribbon cable from the motherboard.

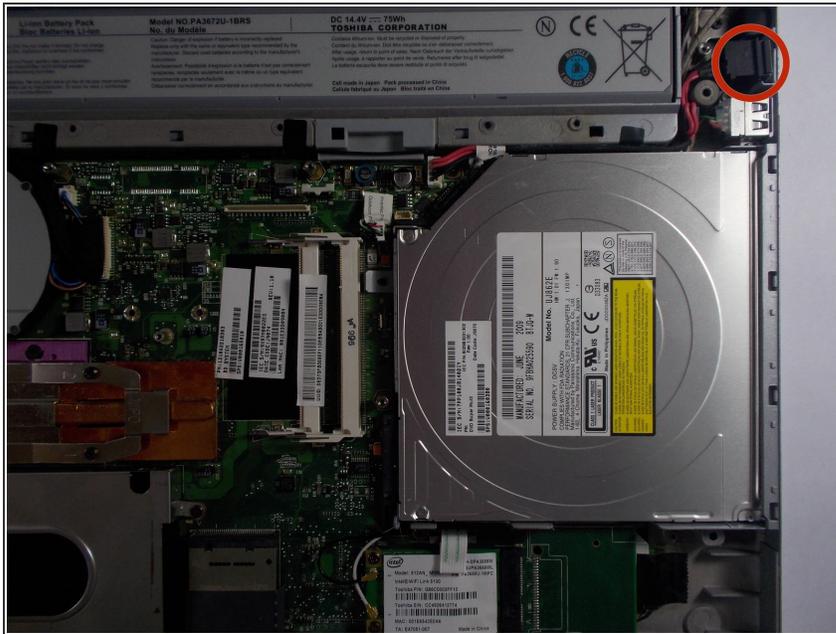
## Step 17



**⚠ Make sure that all wires have been disconnected before proceeding to avoid damaging components.**

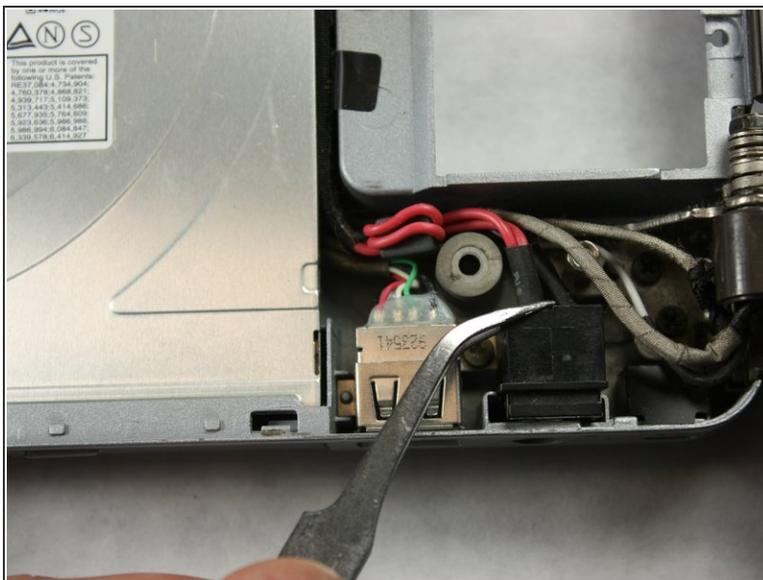
- Slowly lift the top panel away from the base of the computer.
- Place the top panel away from the computer and keep in a flat non-metallic surface until needed.

## Step 18 — Charging Port



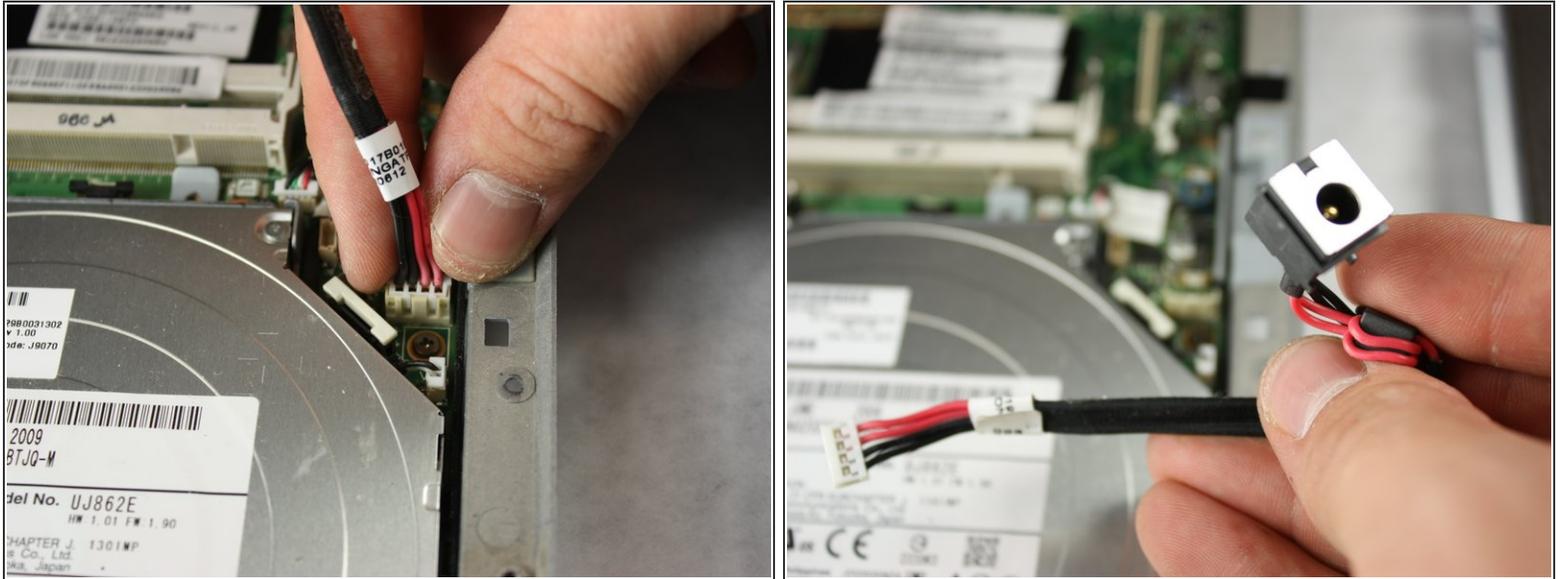
- Locate the charging port on the computer.

## Step 19



- Turn the laptop so the side with the charging port is facing you.
- Using a tweezers, lift up the charging port to take it out of its retaining slot.
- Pull the wires out from their nesting place in between the disc drive and the computer body.

## Step 20



- Locate the base of the plug on the motherboard.
- Pull up on the plug to remove the charging port from the motherboard.

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