



# Lenovo G50-80 80E5 Power Supply Jack Replacement

Replacement of computer power supply jack.

Written By: Victor



## INTRODUCTION

Disassembly of the laptop is required to remove the power jack.

### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Tweezers](#) (1)

## Step 1 — Battery



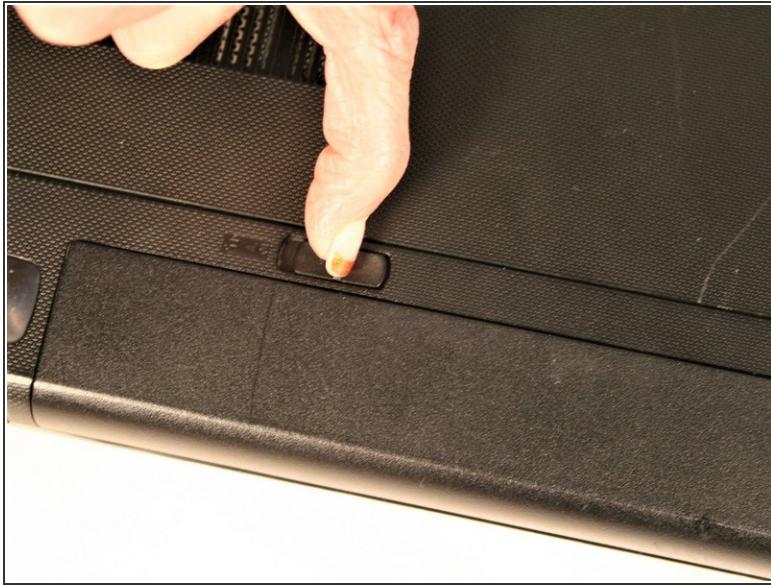
- Place laptop on a flat surface with the back cover facing up and the hinges facing you.

## Step 2



- You will see two tabs towards the bottom of the back cover. Move the tab positioned on the right side to the right. You will know this has been done correctly when you can see the red surface beneath the tab.

## Step 3



- Move the left tab to the left. This will release the battery. You will hear an audible 'click' and see the battery separate from the rest of the laptop.

## Step 4



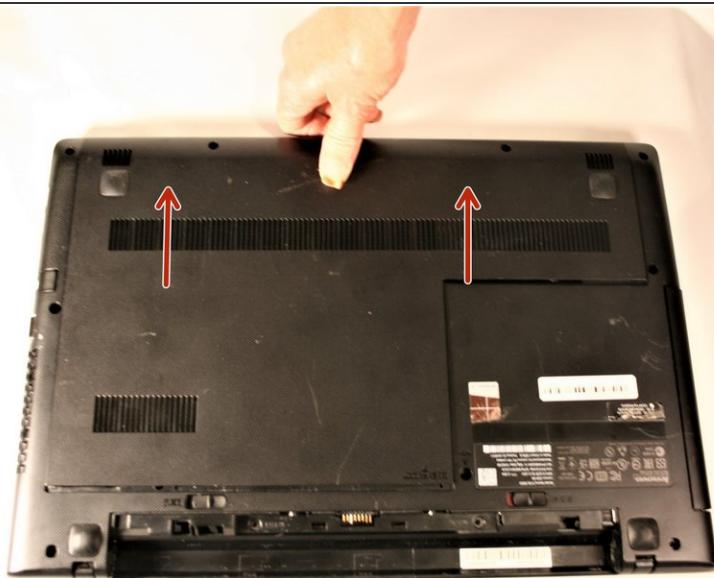
- Take hold of the battery at the top seam between it and the laptop. To remove, roll the battery towards yourself. Lastly, lift battery out.

## Step 5 — Bottom Access Panel



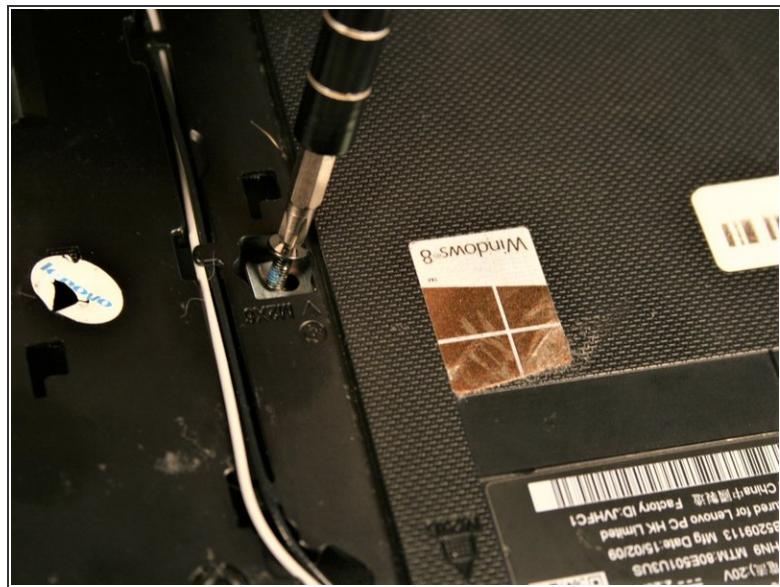
- Locate and remove the 3 screws securing the outer cover of the laptop.

## Step 6



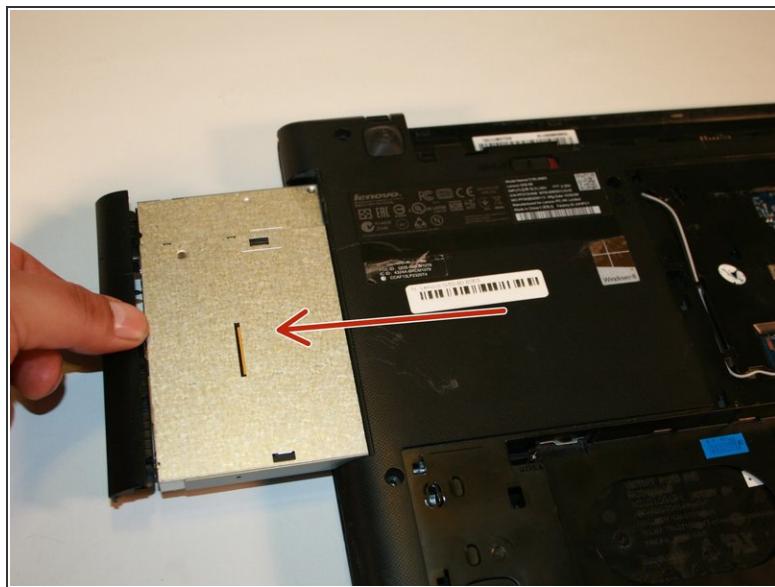
- slide cover away from hinges and lift panel off.

## Step 7 — CD Drive



- Locate the CD drive.
- Remove the single #00 Phillips 5.5 mm screw on the centermost side of the drive.

## Step 8



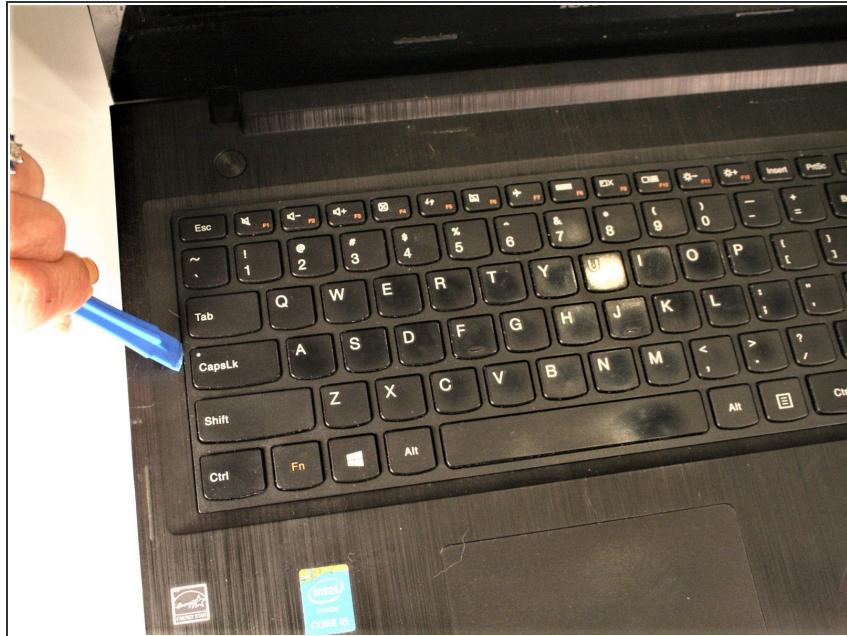
- Move the drive towards the outside of the laptop to remove the connector.
- Pull the drive out of the laptop.

## Step 9 — Keyboard



- Locate the 3 screws on the bottom, securing the keyboard.
- One Screw will be located under Lenovo sticker. Break sticker to gain access to screw.

## Step 10



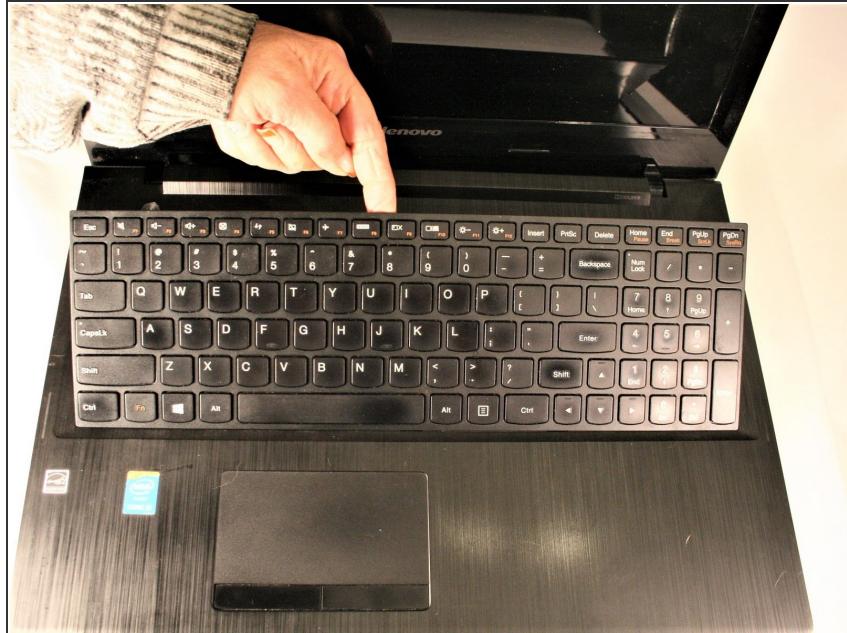
- Starting on side, gently pry up using spudger.

## Step 11



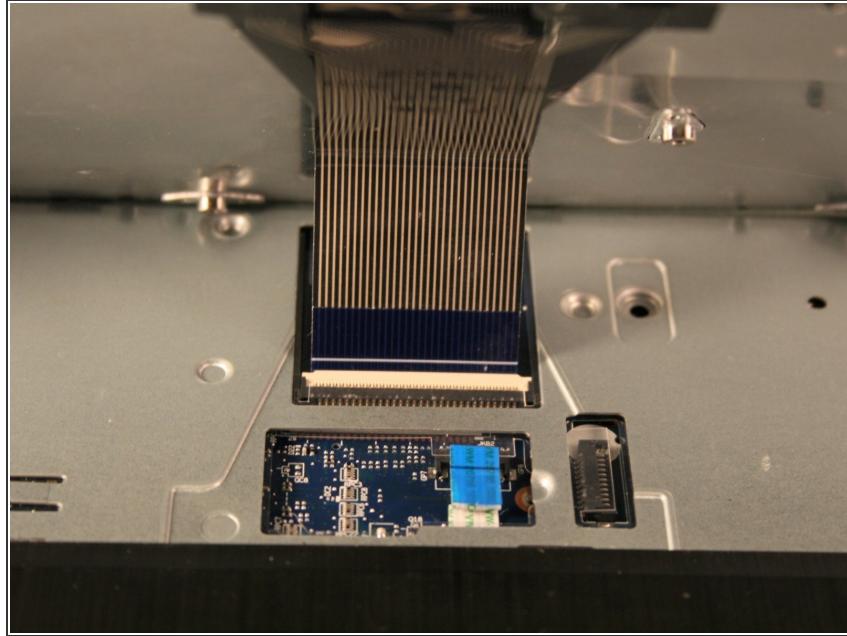
- Continue prying around top of keyboard

## Step 12



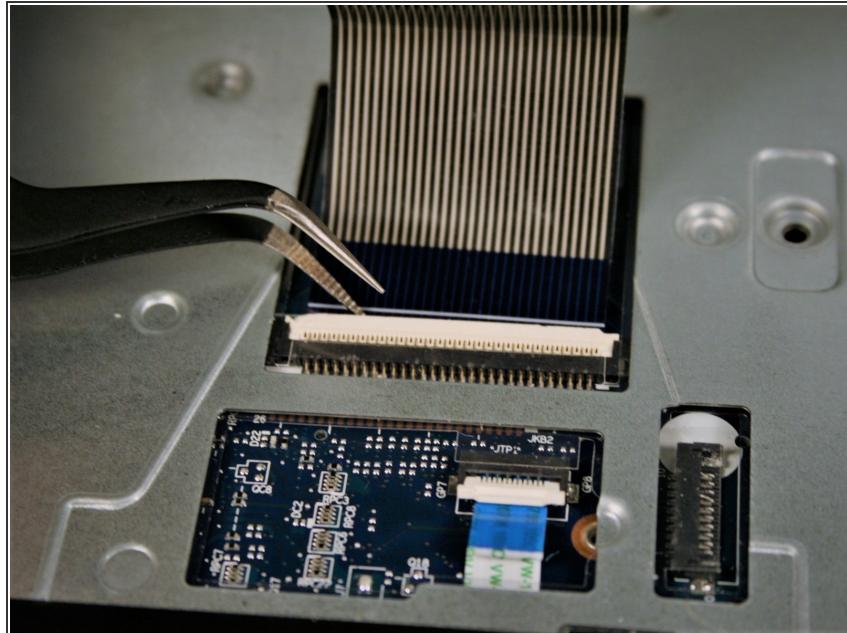
- Once the top of keyboard is loose, gently lift up

## Step 13



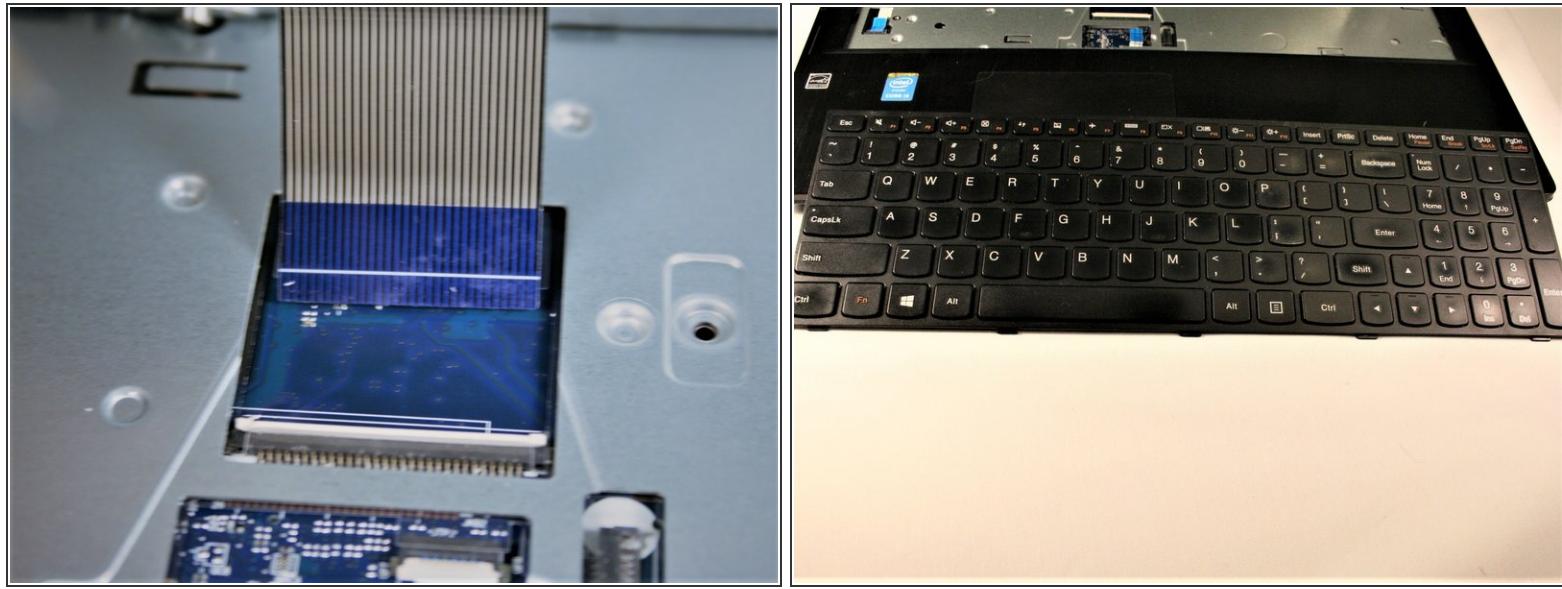
- lift up bottom of keyboard slightly, to access keyboard ribbon

## Step 14



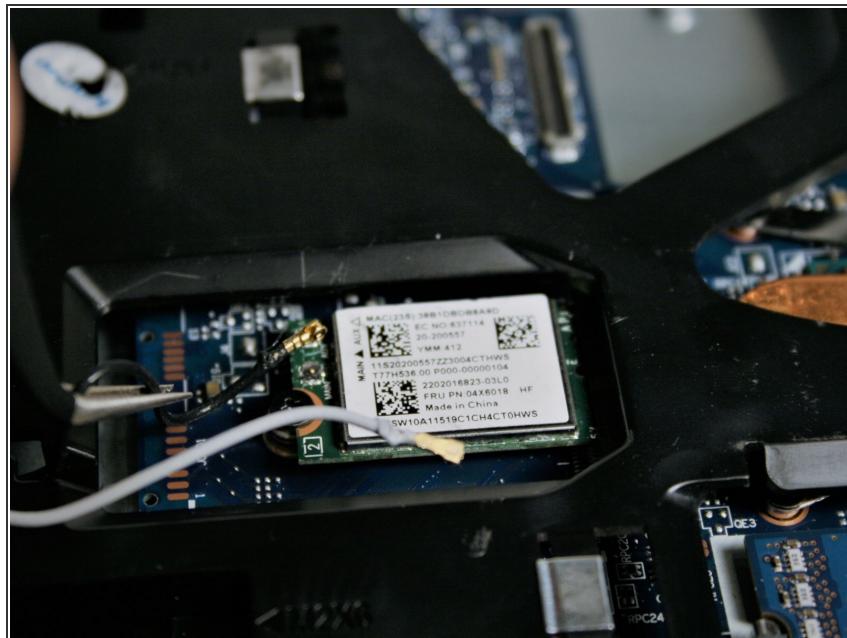
- Using tweezers, lift up clip to remove keyboard ribbon cable.

## Step 15



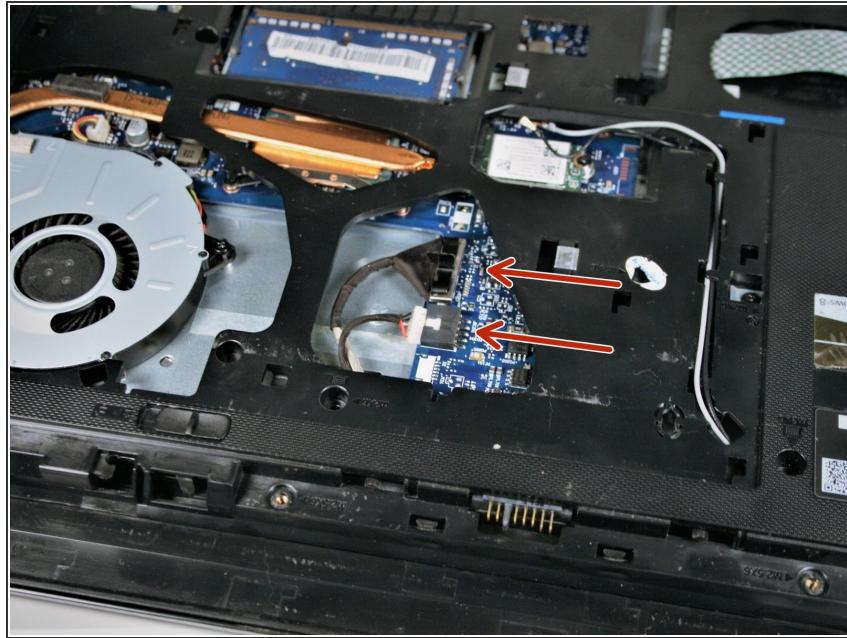
- Keyboard ribbon cable removed
- Once ribbon is removed, keyboard can be lifted out

## Step 16 — Removing top panel



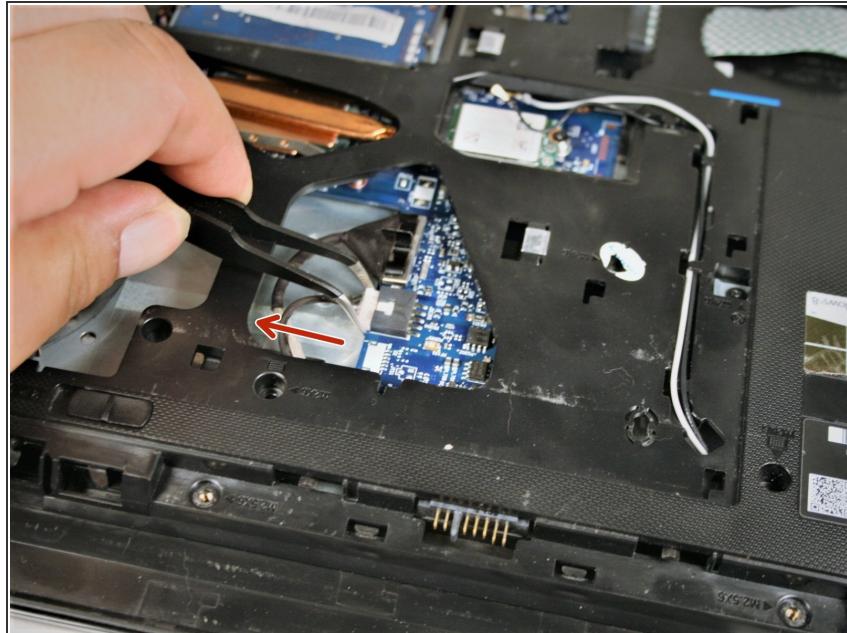
- Remove wifi wires by lifting up

## Step 17



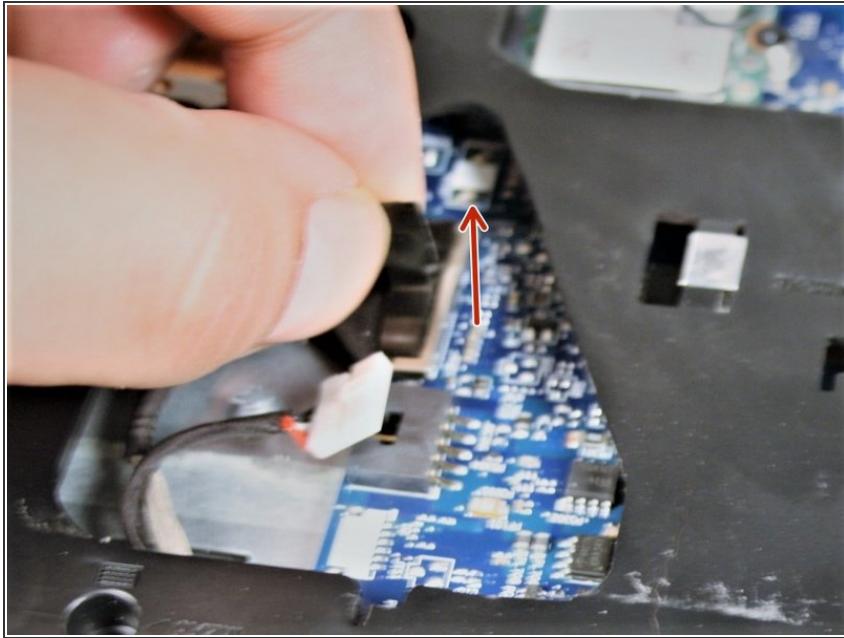
- locate power and monitor cable on bottom side next to fan

## Step 18



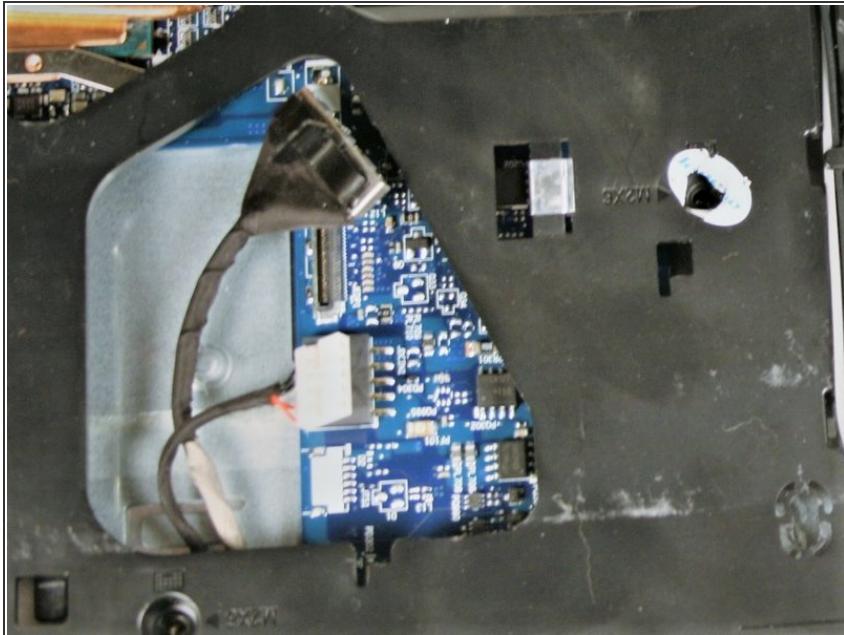
- remove power cable with tweezers by gently pulling

## Step 19



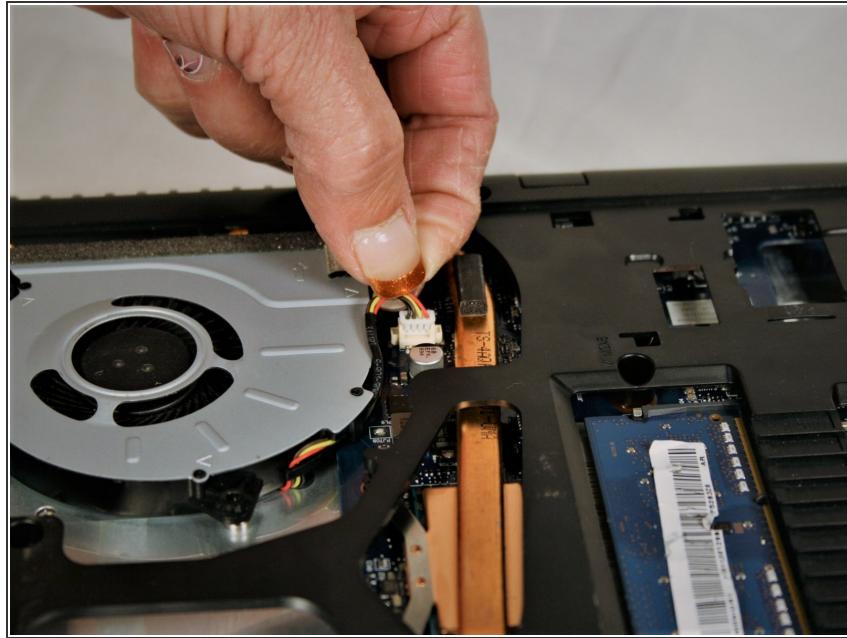
- remove monitor cable by gently pulling on tab straight up

## Step 20



- Monitor and power cable disconnected

## Step 21



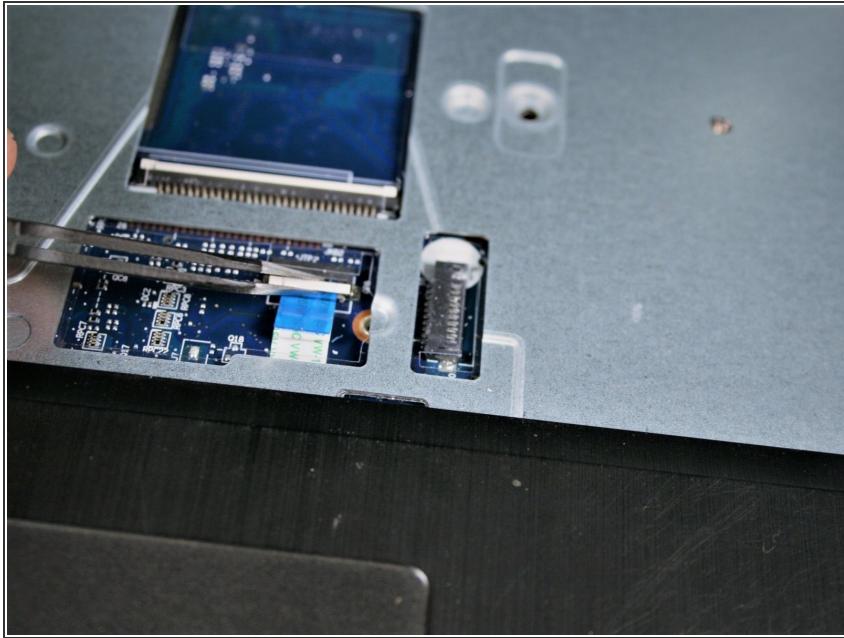
- Disconnect the fan wires from the motherboard by lifting upwards

## Step 22



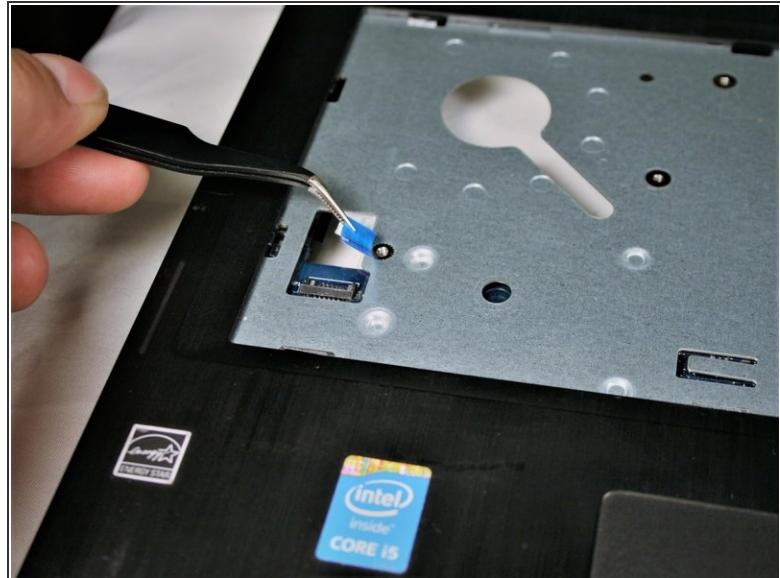
- Locate the 3 screws holding fan in place
- Remove 3 screws
- fan should lift out of place

## Step 23



- lift clip to remove ribbon cable for think pad.

## Step 24



- lift clip to remove power button ribbon cable.

## Step 25



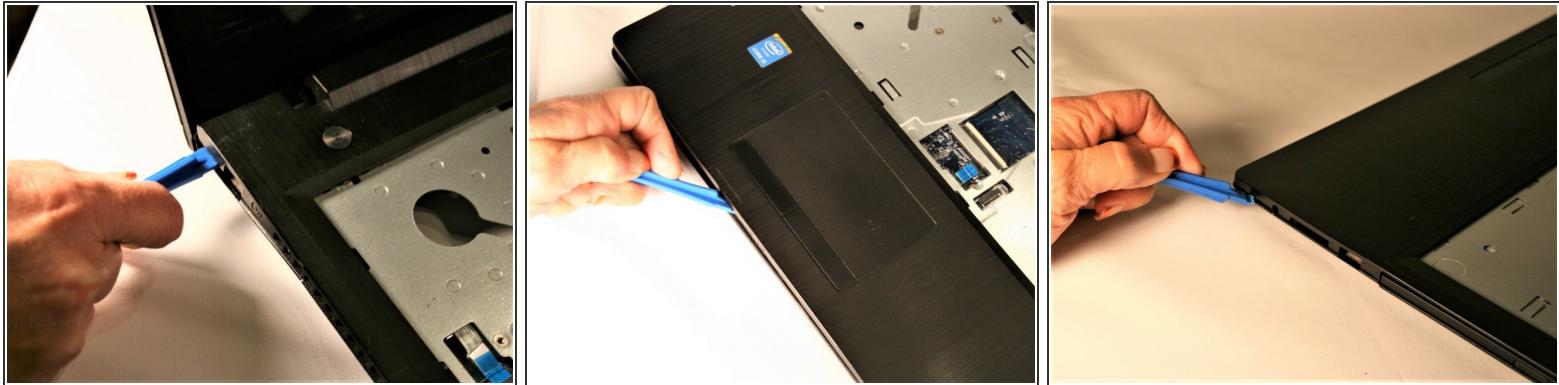
- Begin by locating screws on bottom panel

## Step 26



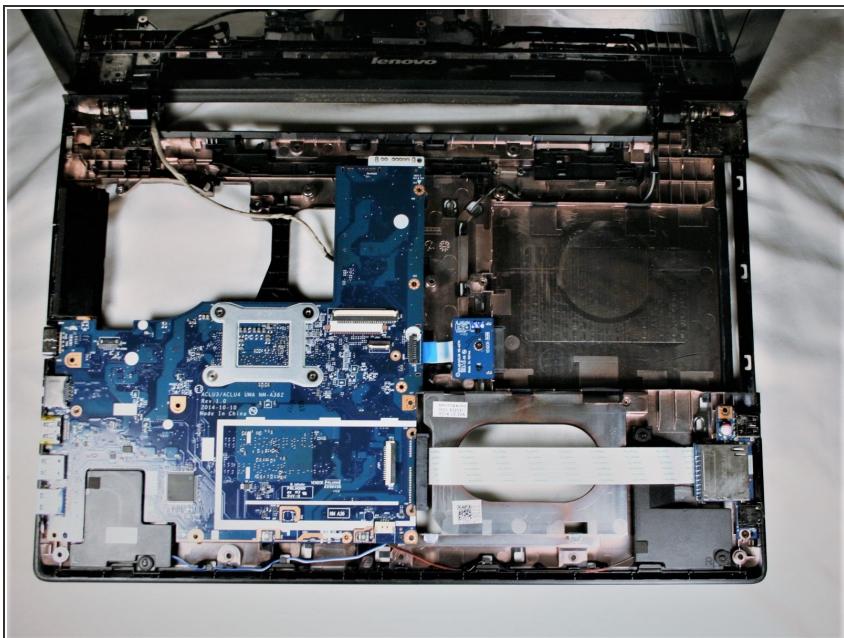
- Remove screws using a 001 phillips screw driver.

## Step 27



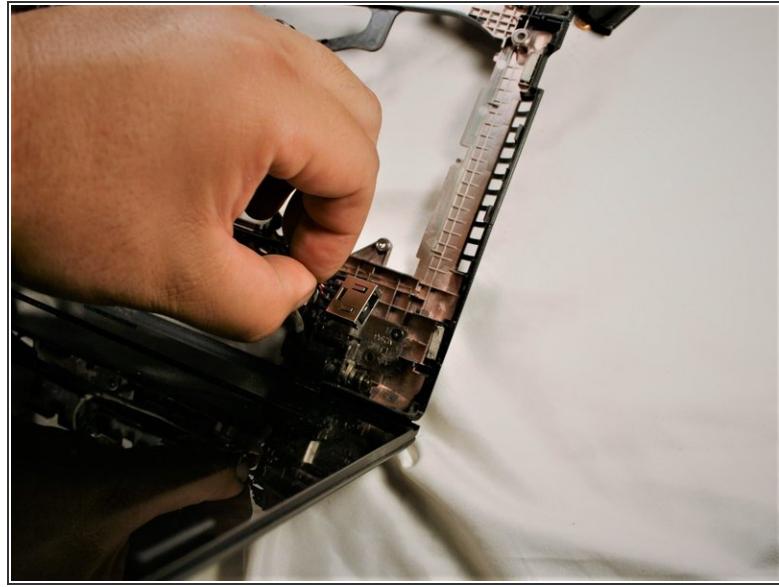
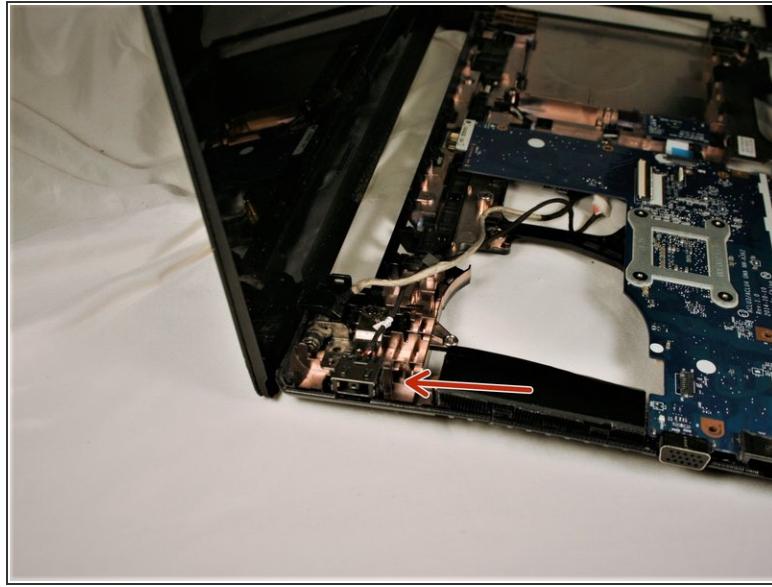
- Once screws are removed, begin by gently prying up in one corner using a spudger
- Continue to center and then around to opposite side.
- once all sides have been pried open, lift top half off

## Step 28



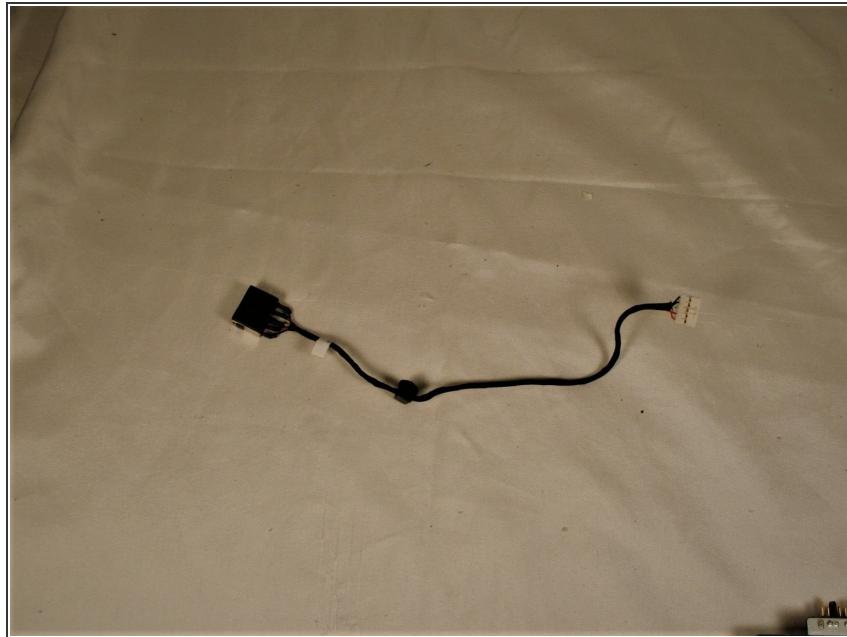
- Top covered removed

## Step 29 — Power Supply Jack



- lift up power jack and remove from holding tabs

## Step 30



- power jack removed

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