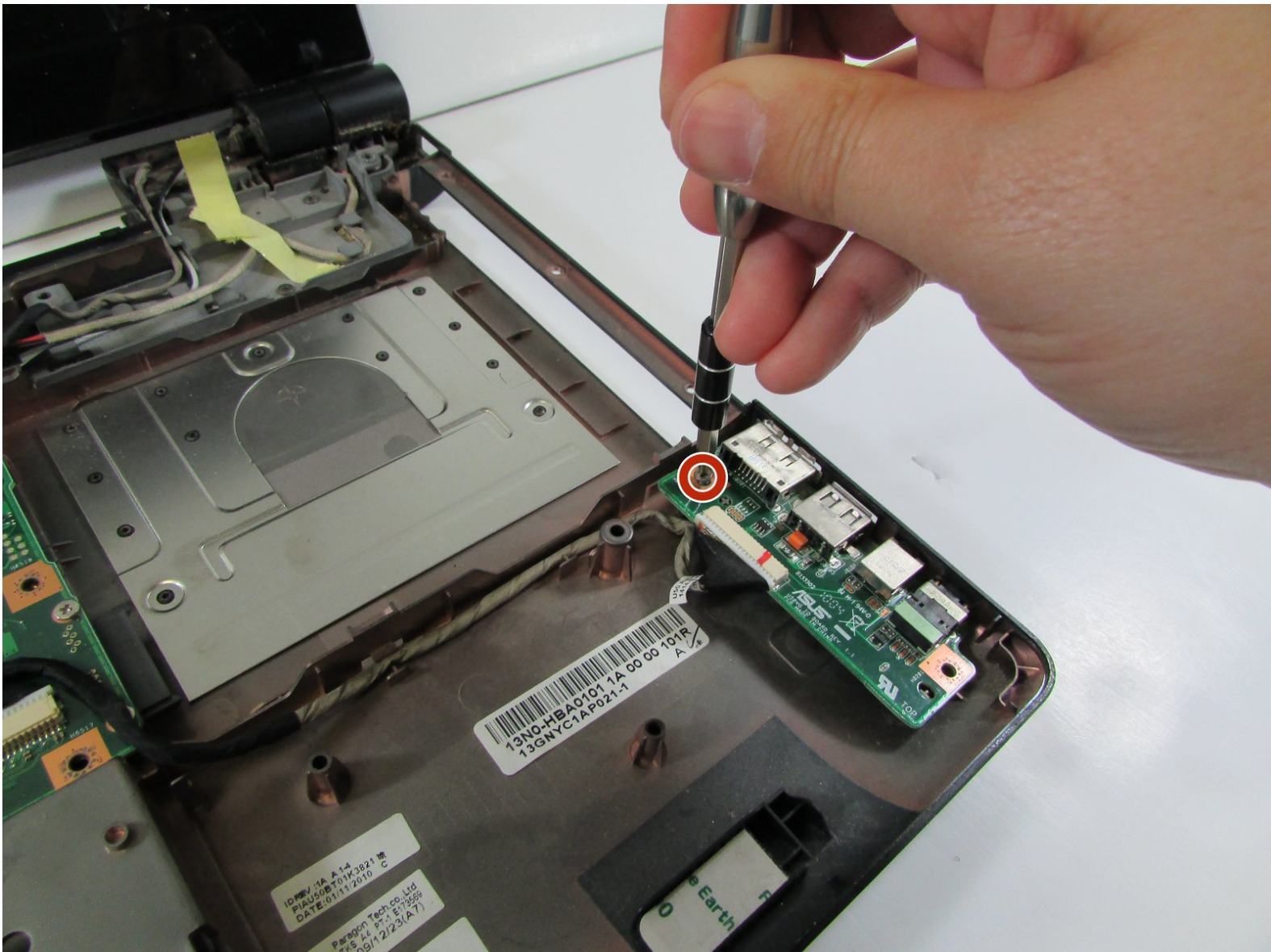




# Asus U50F-RBBAG05 Ports (USB/Audio Jack/Microphone Jack/E-SATA) Replacement

This guide is to help you remove/replace the ports (USB/Audio Jack/Microphone Jack/E-SATA) on your ASUS U50F-RBBAG05

Written By: Kelly Greeling



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## INTRODUCTION

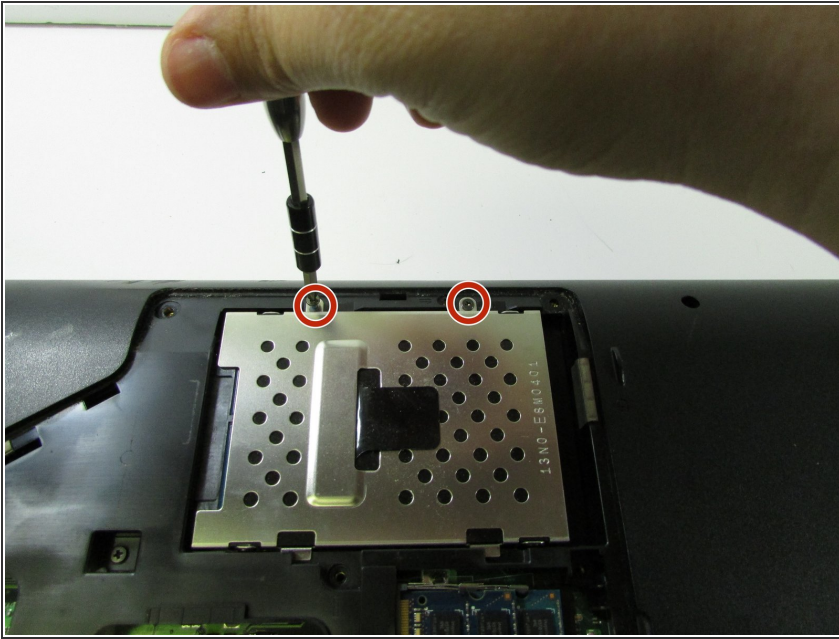
We are going to teach you how to remove/replace the Ports (USB/Audio Jack/Microphone Jack/E-SATA) of your Asus U50F-RBBAG05.

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### TOOLS:

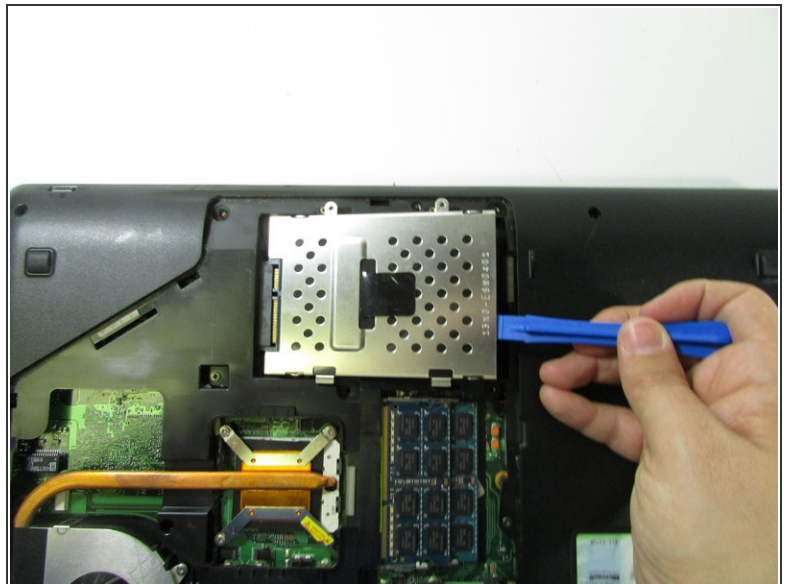
- [iFixit Opening Tools](#) (1)
  - [Phillips Head Screwdriver: Size PH1](#) (1)
  - [Spudger](#) (1)
  - [dry erase marker](#) (1)
  - [Magnetic Project Mat](#) (1)
  - [Jimmy](#) (1)
  - [iSesamo Opening Tool](#) (1)
-

## Step 1 — Hard Drive



- Remove 2 screws

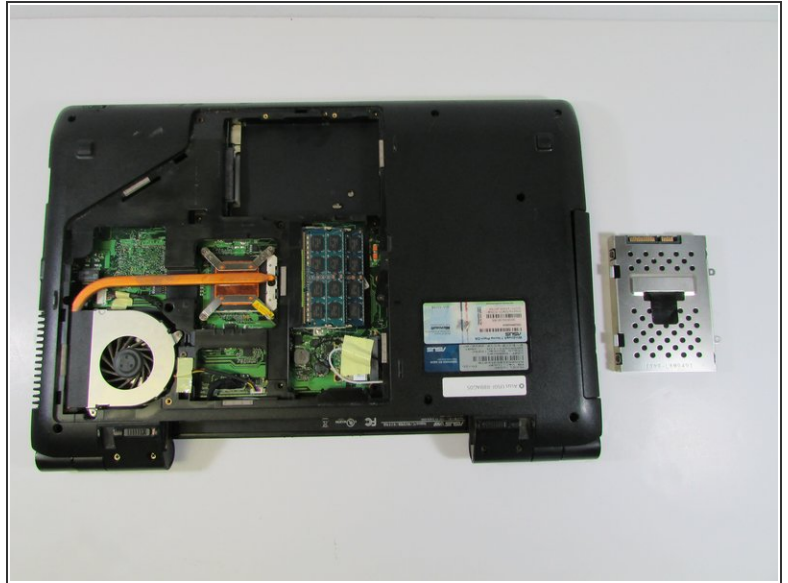
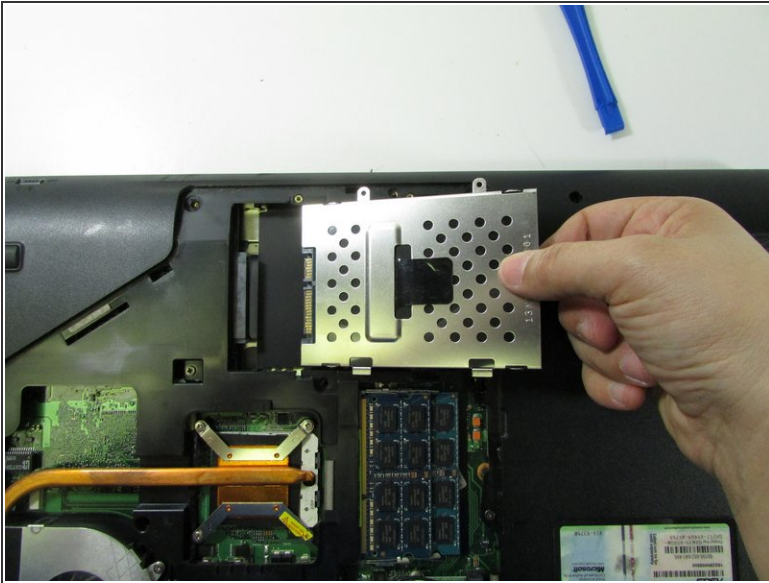
## Step 2



- Push back the hard drive
- Pry up with spudger (or fingernail)

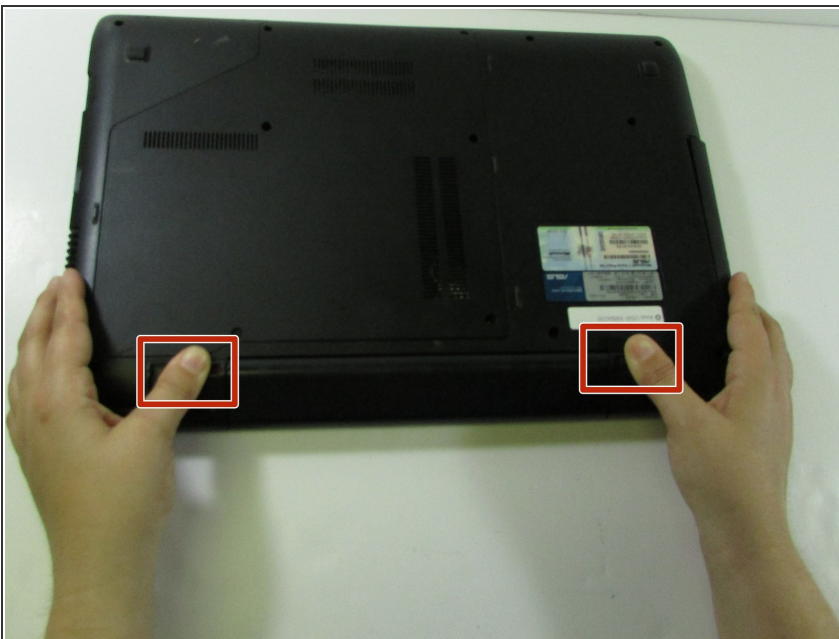


## Step 3



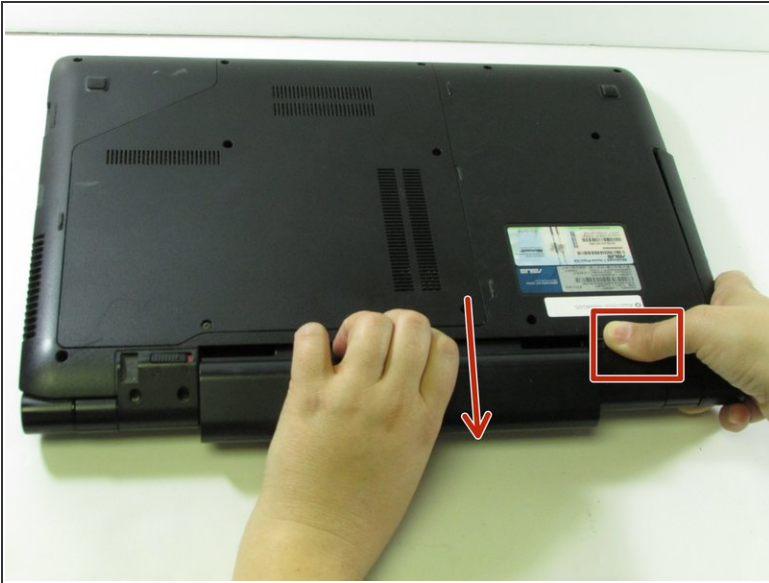
- Pull back and up
- Remove completely

## Step 4 — Battery



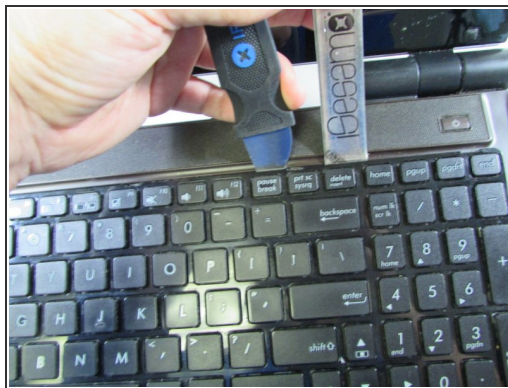
- Turn the laptop over so the bottom is facing up.
  - Slide the tabs on either side of the battery away from the battery, toward the edges of the laptop.
  - Slide the left tab to the left to lock it into the unlocked position. Red showing next to the tab signifies that it's unlocked.
- i** You will have to hold the right tab to the right to keep it unlocked while removing the battery.

## Step 5



- Hold down the tab on the right while sliding the battery out.
- Remove the battery.

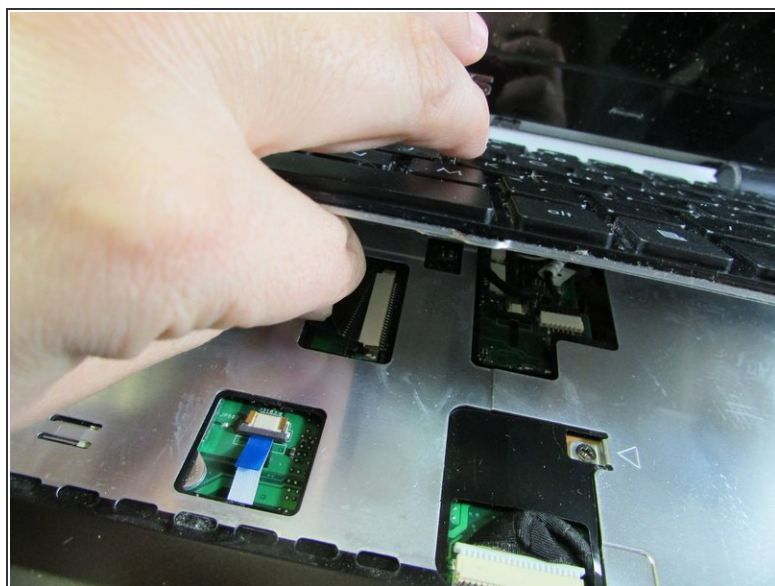
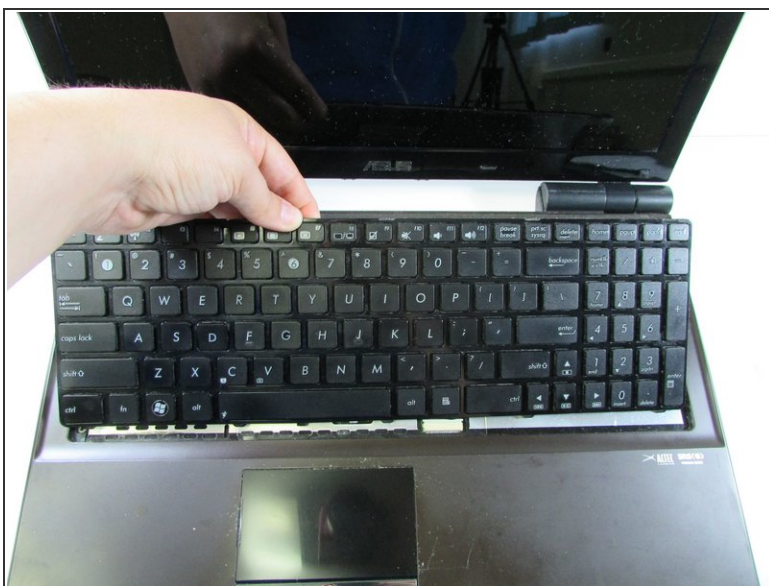
## Step 6 — Keyboard



- Insert one of the pry tools under a top corner and the other tool under the side of the top corner(make sure to get under the metal of the keyboard, not just the first layer of plastic). Then pry the corner down and out from under the little overhang its sitting under.
- Next, slide the pry tool on the top over to the next overhang and insert the second tool on the other side. Push down and pry out the keyboard.
- Repeat all the way down to the opposite corner.

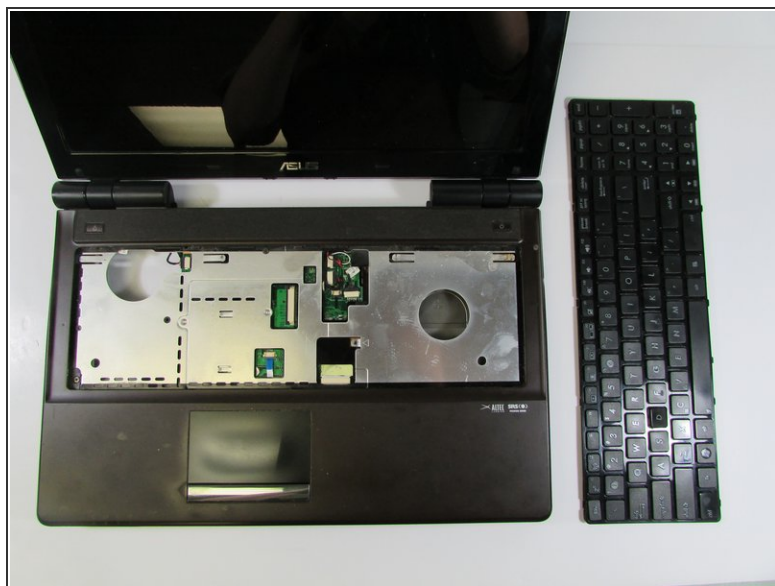
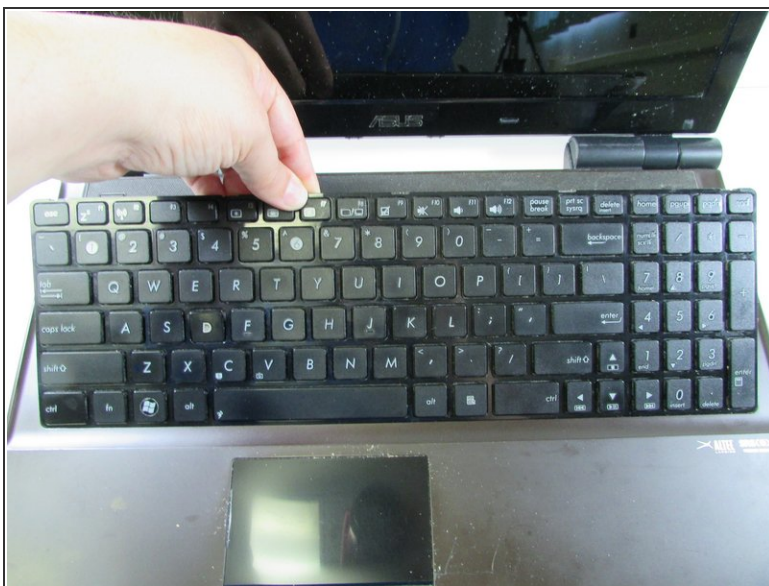


## Step 7



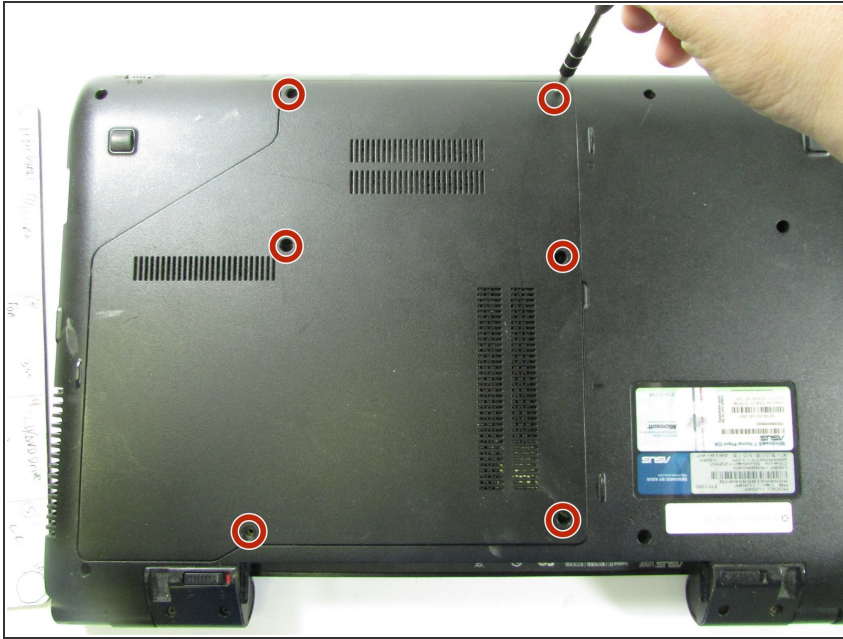
- Once the keyboard is free, lift it up slightly and release the cable connection underneath.

## Step 8



- Remove the keyboard completely.

## Step 9 — Underpanel



- Remove 6 screws

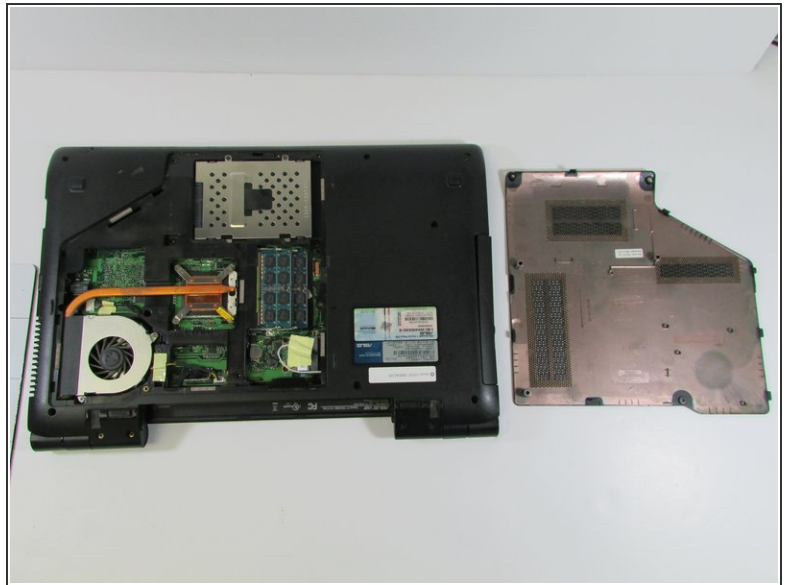
## Step 10



- Pry the lower panel up with your fingernail/spudger.



## Step 11



- Lift up and remove

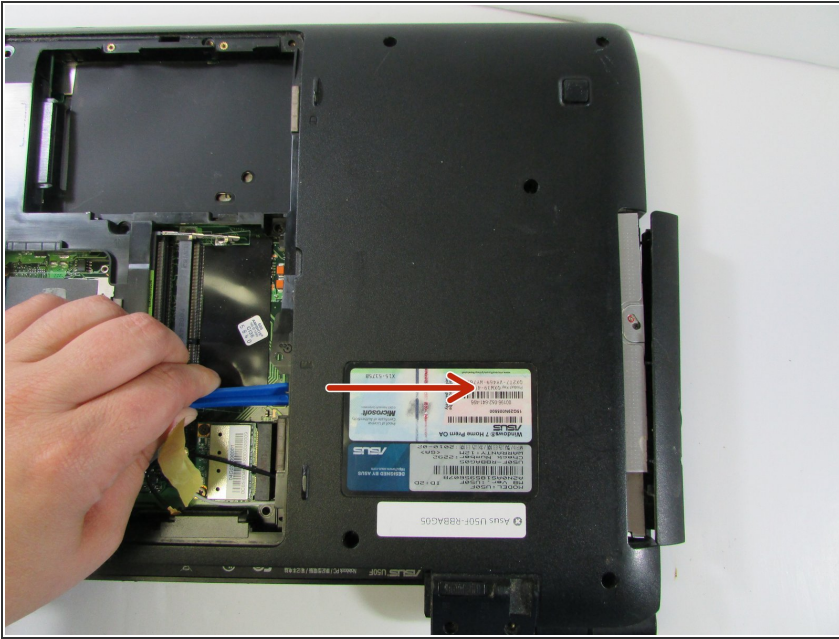
## Step 12 — Optical Drive



- Remove 1 screw



## Step 13



- Use the plastic opening tool to push the drive out from the back.

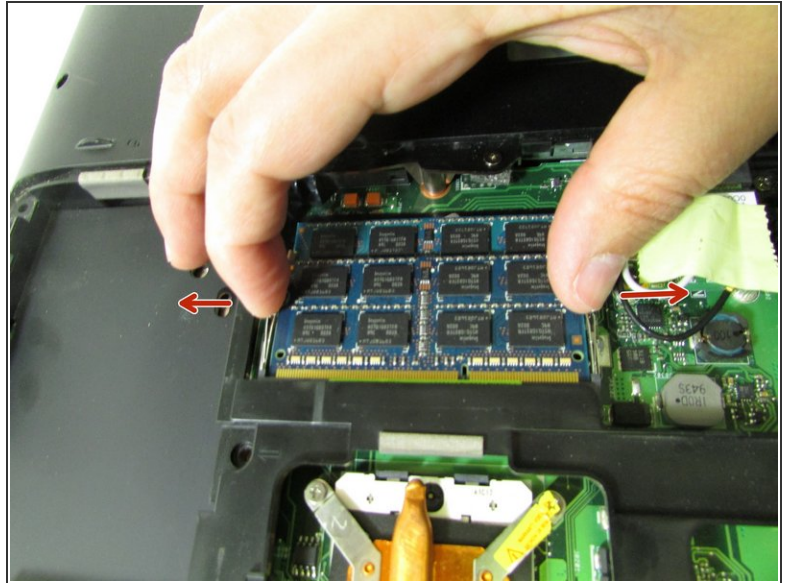
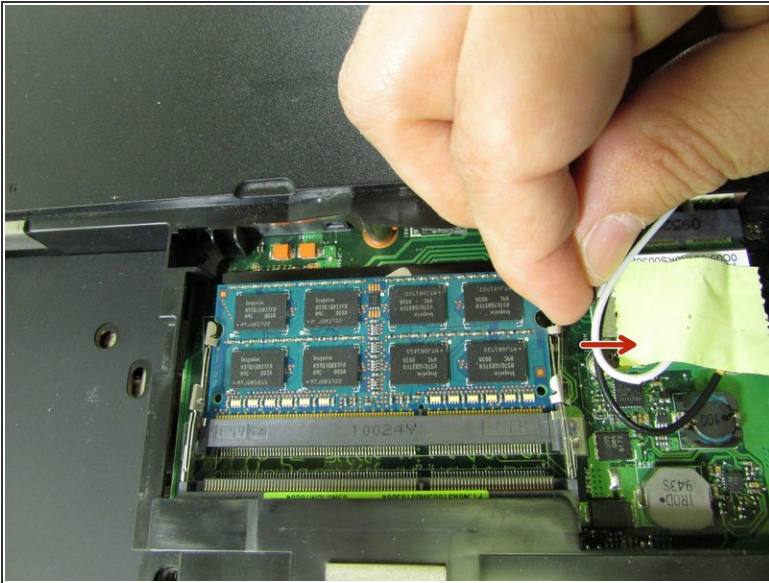
## Step 14



- Pull drive out and remove completely.

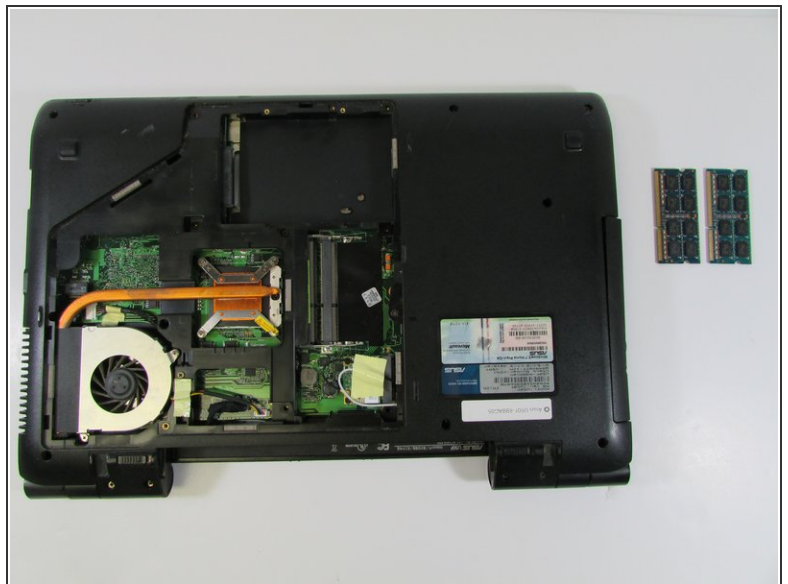
**i** Tip: When reassembling the drive, put the laptop right-side-up. Then, push the drive all the way in. Finally, flip back over and continue with the directions. (Otherwise the drive will catch and be difficult to reassemble)

## Step 15 — Random Access Memory (RAM)



- Push back on the silver clips until you hear/feel a pop.

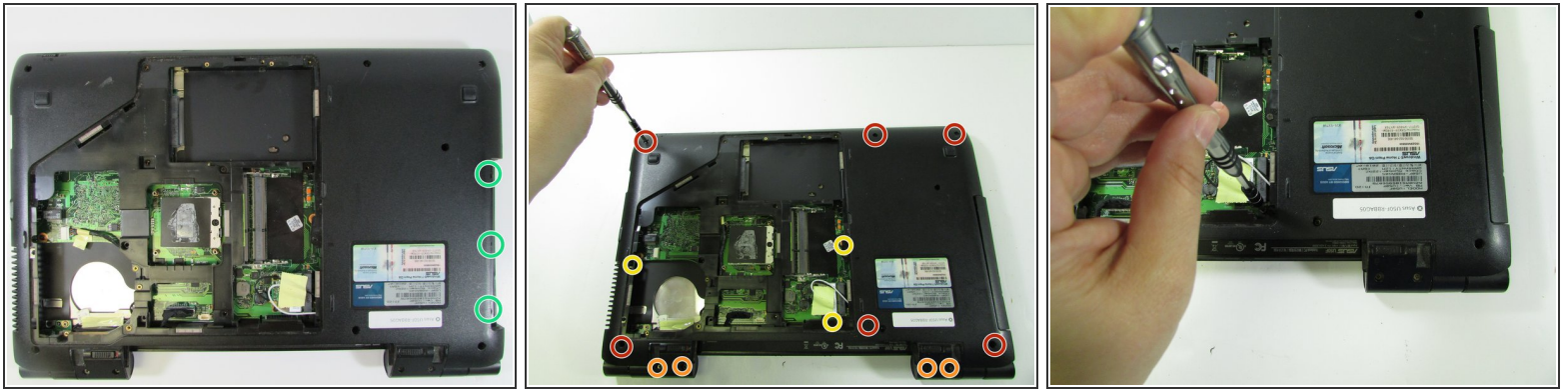
## Step 16



- Pull back RAM card and remove
- Repeat for lower RAM card

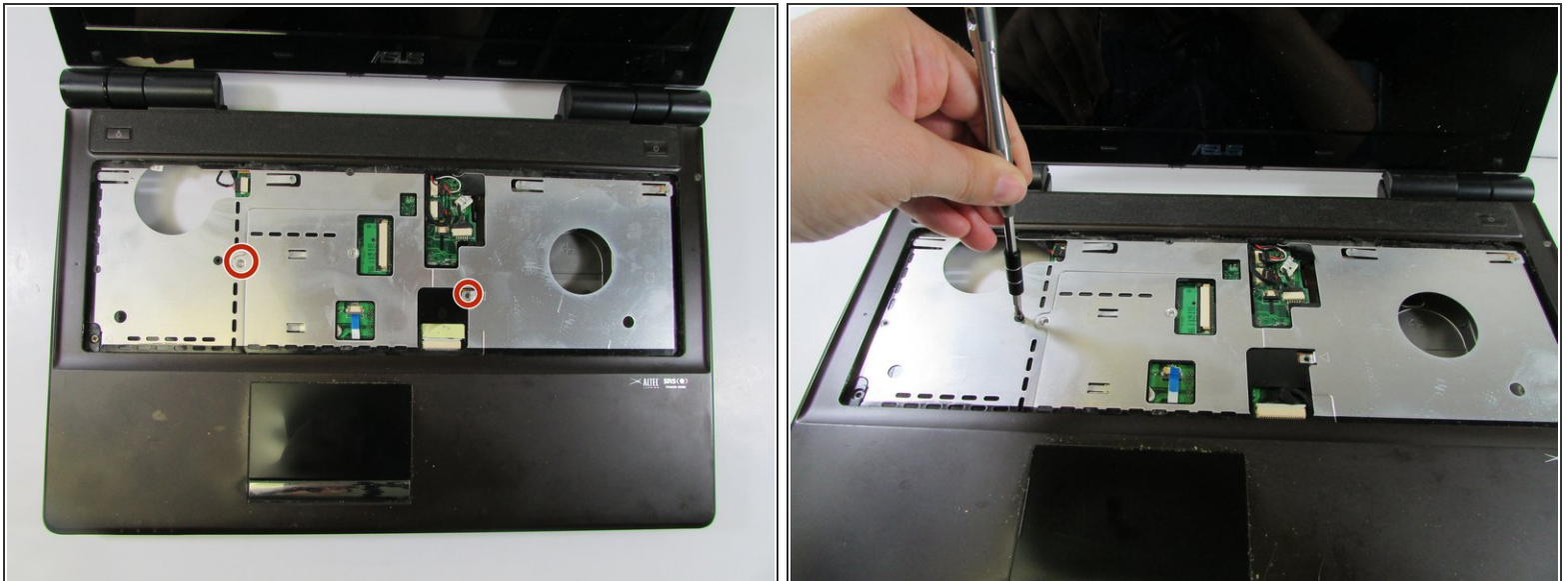


## Step 17 — Upper Case



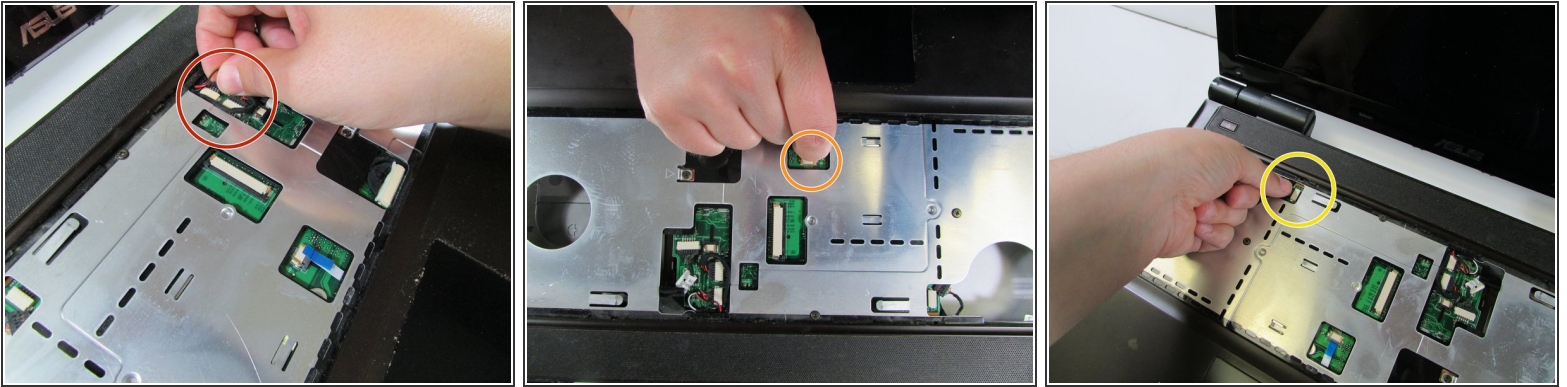
- Remove 3 screws in the optical drive area
- Remove 6 screws on outer lower case
- Remove 4 screws on hinges
- Remove 3 screws on inner lower case

## Step 18






- Remove 2 screws

## Step 19

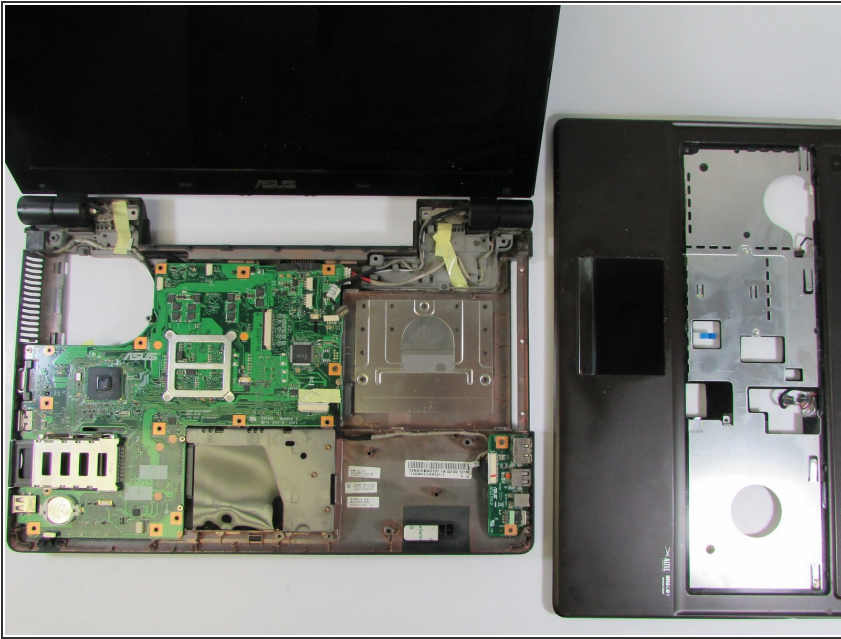


### Upper Case: Disconnect Wires

- Disconnect 2 Bundled Cable Connectors: Pull the cable away from the connector in the same direction as the individual wires are running.
-  Pull evenly on the full width of the cable so that no individual wires are overly strained.
- Disconnect 1 No-Fuss Ribbon Cable connector: pull it straight out of the connector.
-  These kinds of connectors are fairly rare, so check carefully for a way to release the connector before you resort to pulling on the ribbon cable.
- Disconnect 1 Bundled Cable Connector: : Pull the cable away from the connector in the same direction as the individual wires are running.
-  Pull evenly on the full width of the cable so that no individual wires are overly strained.

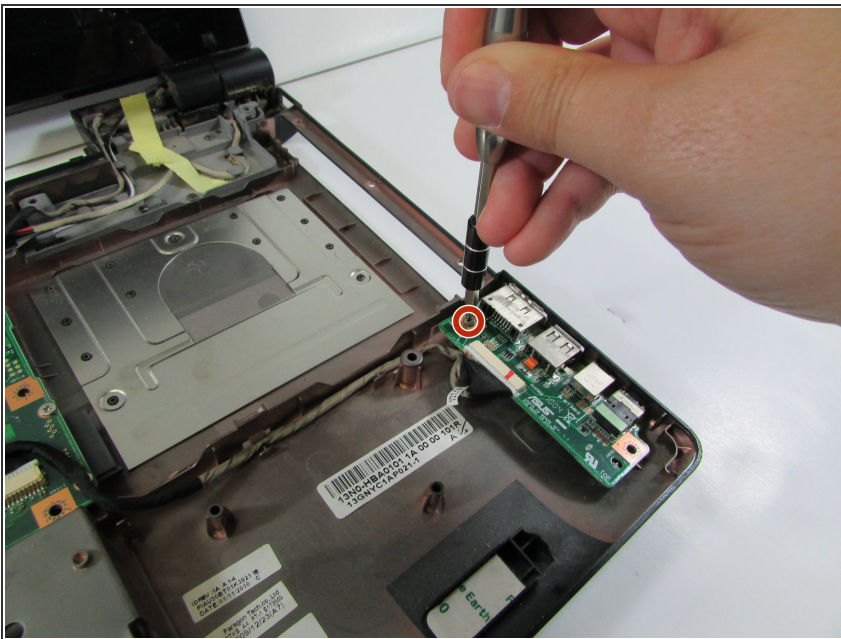


## Step 20



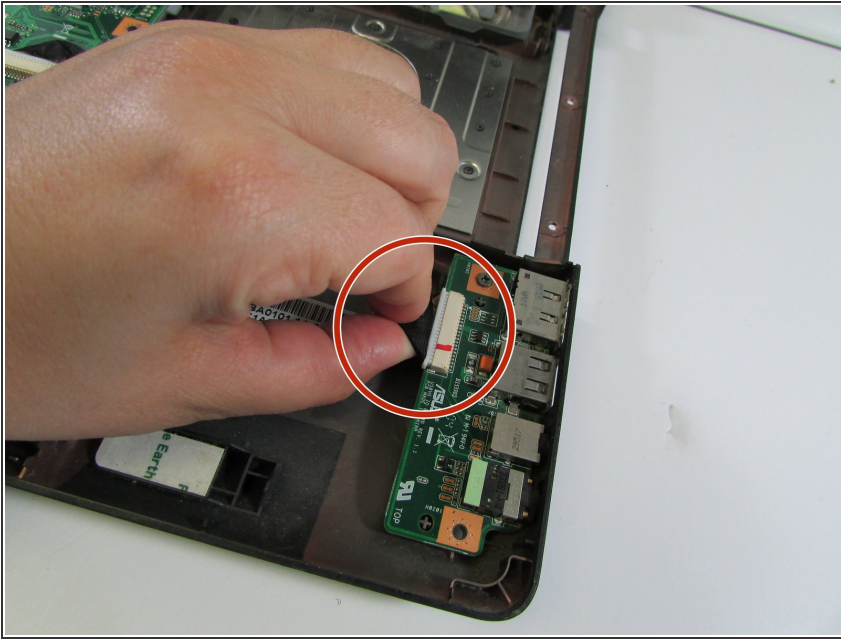
- Remove Upper Case

## Step 21 — Ports (USB/Audio Jack/Microphone Jack/E-SATA)



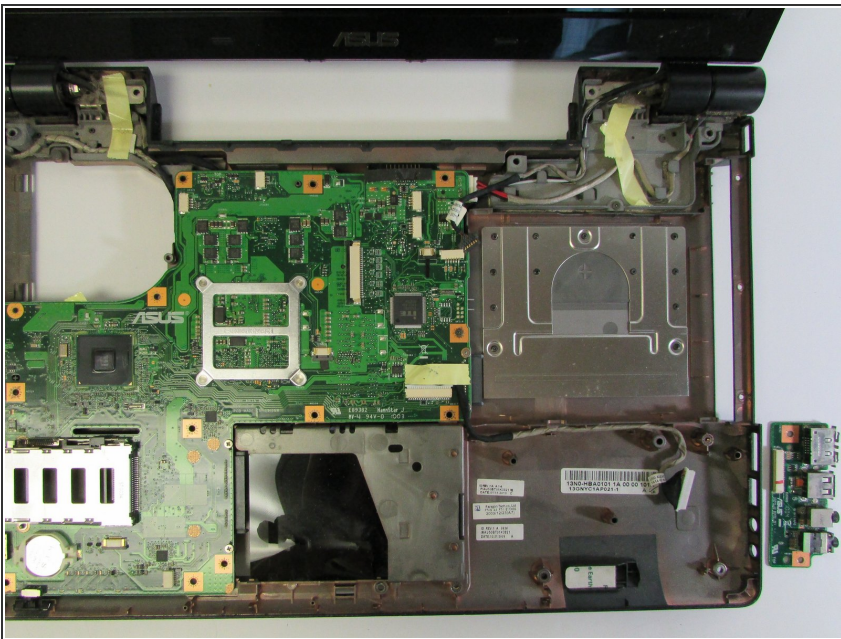
- Remove 1 screw

## Step 22



- Disconnect 1 Bundled Cable  
Connector: Pull the cable away from the connector in the same direction as the individual wires are running.
- ⚠ Pull evenly on the full width of the cable so that no individual wires are overly strained.

## Step 23



- Remove port panel

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