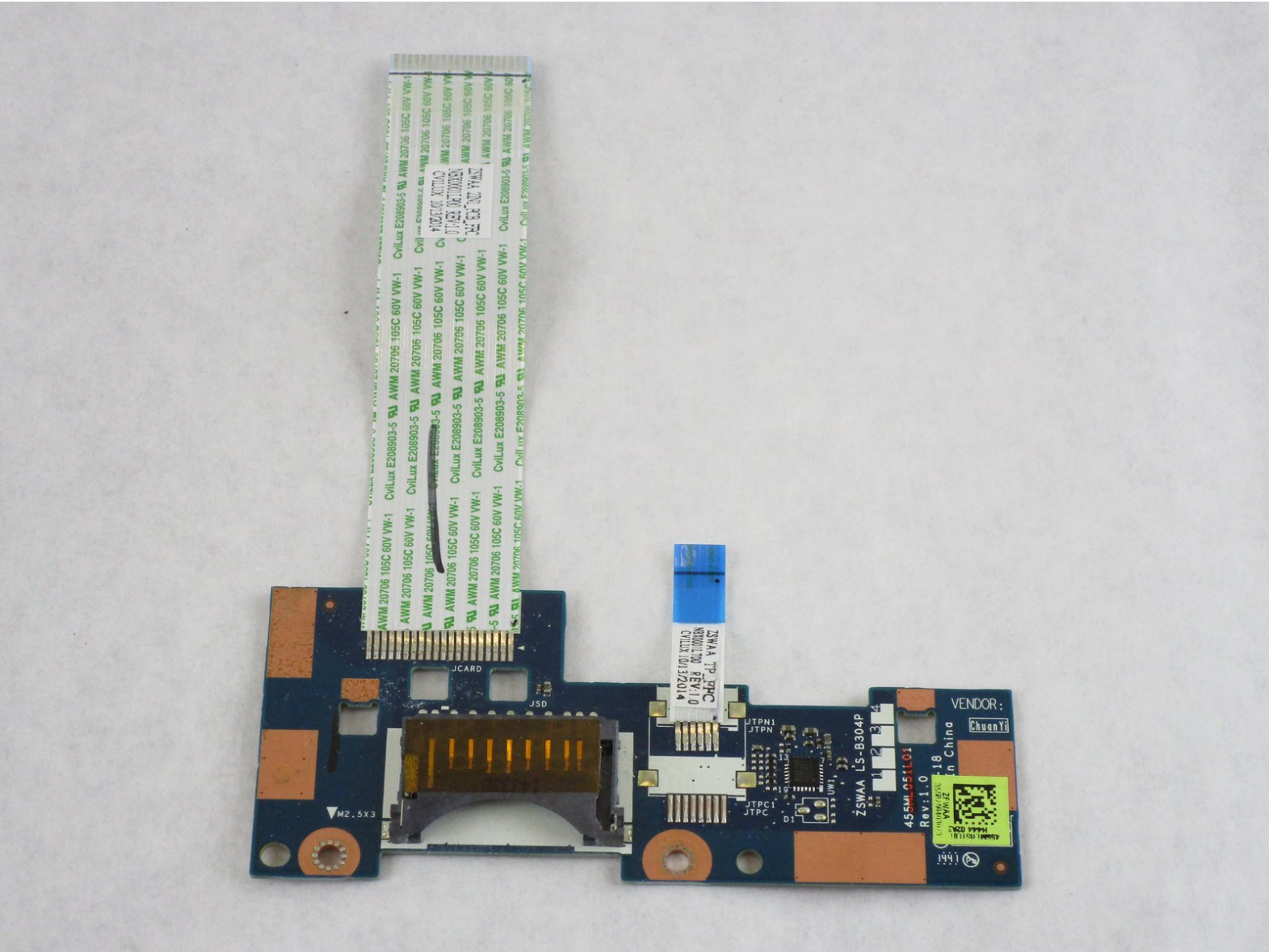


Written By: Crystal Loomis



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## INTRODUCTION

If you are unable to use the touchpad of your laptop, use this guide to remove and replace the touchpad.

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### TOOLS:

- [Phillips #1 Screwdriver](#) (1)
  - [Magnetic Project Mat](#) (1)
  - [iFixit Opening Tool](#) (1)
-

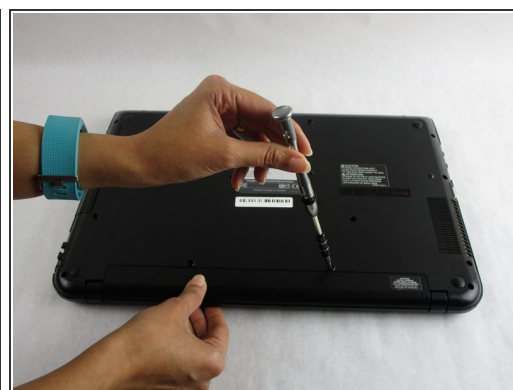
## Step 1 — Keyboard



⚠ Turn off your device before starting.

- Flip the phone over so that the back camera is facing you.

## Step 2



- Use a your hands to remove the backing of the phone.

### Step 3



- Use your phillips screwdriver to begin removing all the accesible screws.

### Step 4



- Now begin to remove the coverings above and below the middle plate with your hand.

## Step 5



- use your hand or a tool to remove the tabbing on the metal plate covering the battery.

## Step 6



- Remove the metal plate covering the battery.

## Step 7



- Use your wedging tool to begin removeing the adhesive under the battery.

## Step 8



- Remove these two screws with your phillips screw driver.

## Step 9



- Open the two metal tabs

## Step 10



- Flip the phone back over with the screen facing you.

## Step 11



- Begin to use the wedging tool to remove the space bar off of the keyboard.

## Step 12



- remove the screws on each end of the space bars vacant lcoation.



## Step 13



- Grab the wedging tool and begin wedging the old keyboard.

## Step 14



- begin wedging the back of the keyboard until free.

## Step 15



- Begin deperating the keyboard from the backing.

## Step 16



- grab your replacement keyboard and connect it to the backing of the old keyboard.

## Step 17



- place the keyboard back onto the front of the phone

## Step 18



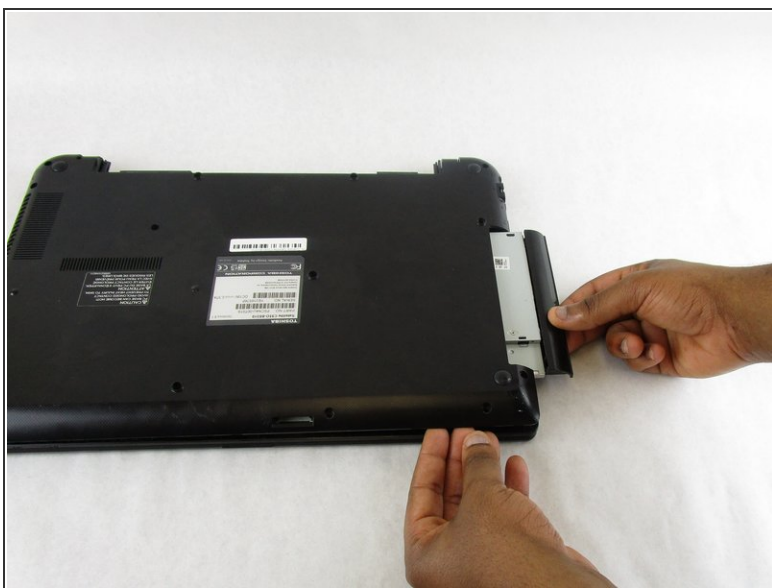
- once placed, hold the keyboard onto the phone while clicking the two metal plates back down to connect the keyboard.

## Step 19 — CD/DVD Drive



- Use a Phillips #1 screwdriver (PH1 bit) to remove the single 7 mm screw that secures the CD/DVD drive.

## Step 20



- Slide the CD/DVD Drive out of the laptop.

## Step 21 — Touchpad



- Remove the thirteen 7 mm Phillips screws holding the back cover using the PH1 bit and Magnetic Driver.

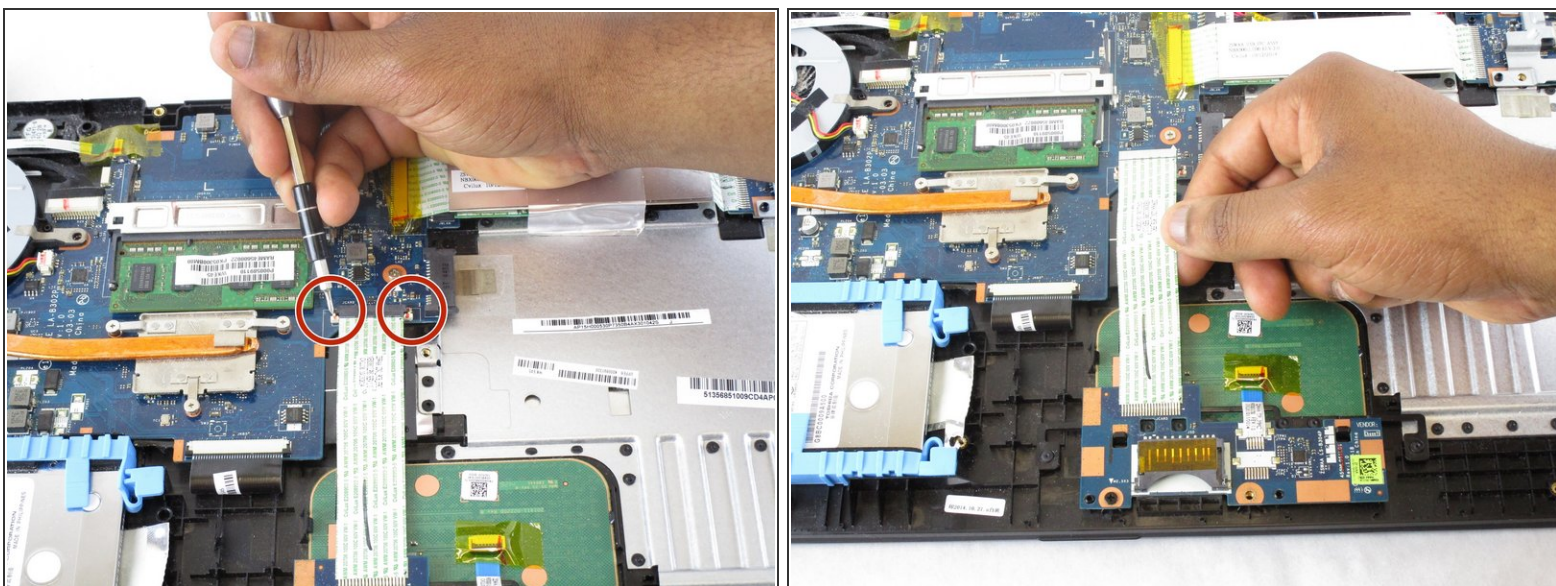
## Step 22



- Using the plastic opening tools, separate the back cover from the laptop.
- ⓘ It is recommended that you start from a corner and run the tool along the edge of the cover.
- ⚠ Be careful not to bend or crack the plastic back cover.

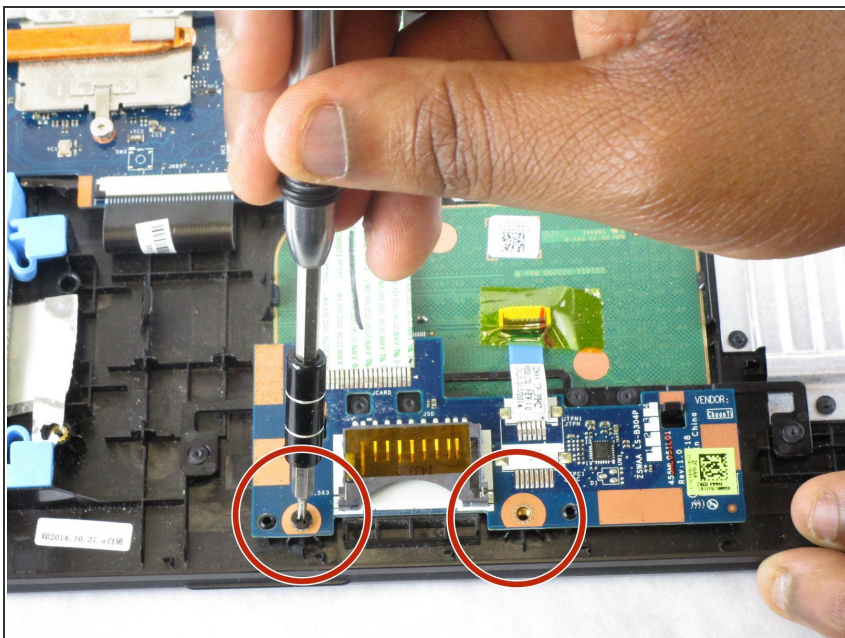


## Step 23



- Release the clamps holding the white ribbon between the touchpad component and the motherboard.
- Slide the ribbon from the motherboard connection socket.

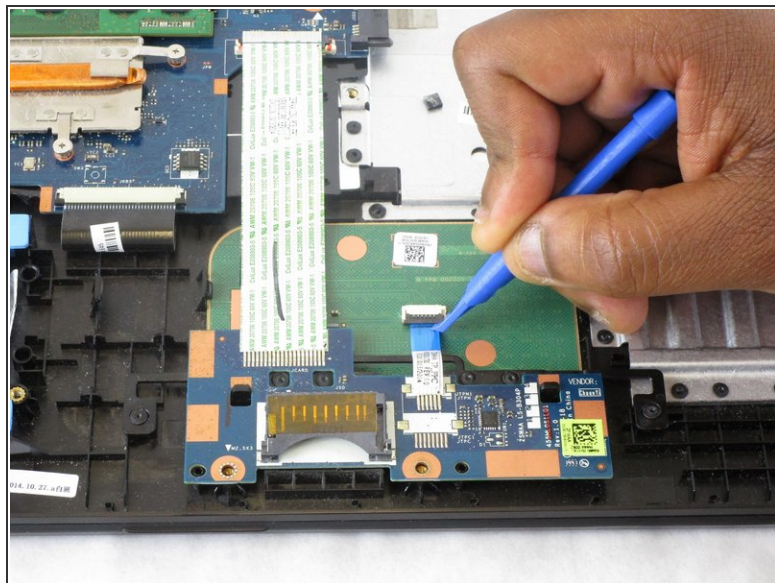
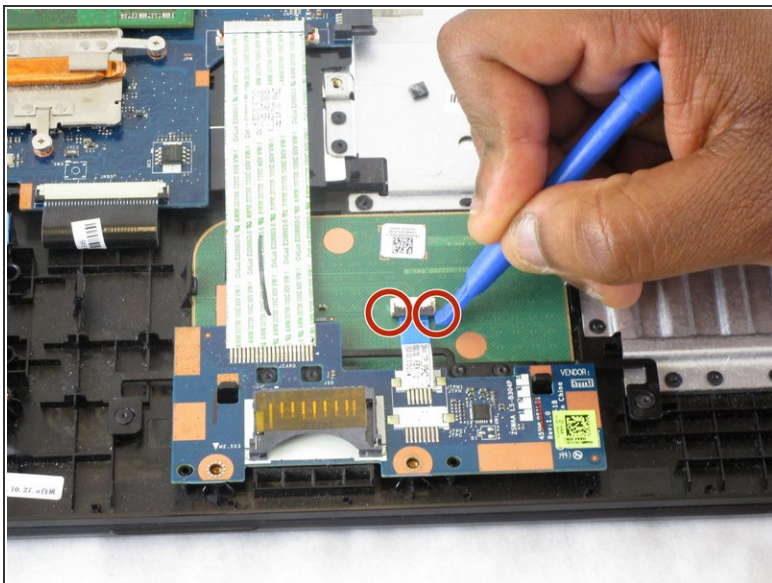
## Step 24



- Remove the two 7 mm Phillips screws holding the touchpad component to the back panel using the PH1 bit and Magnetic Driver.

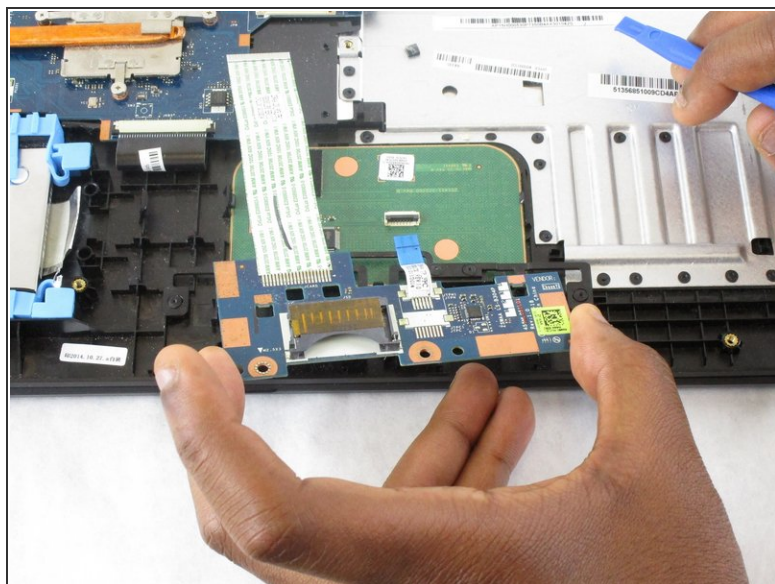
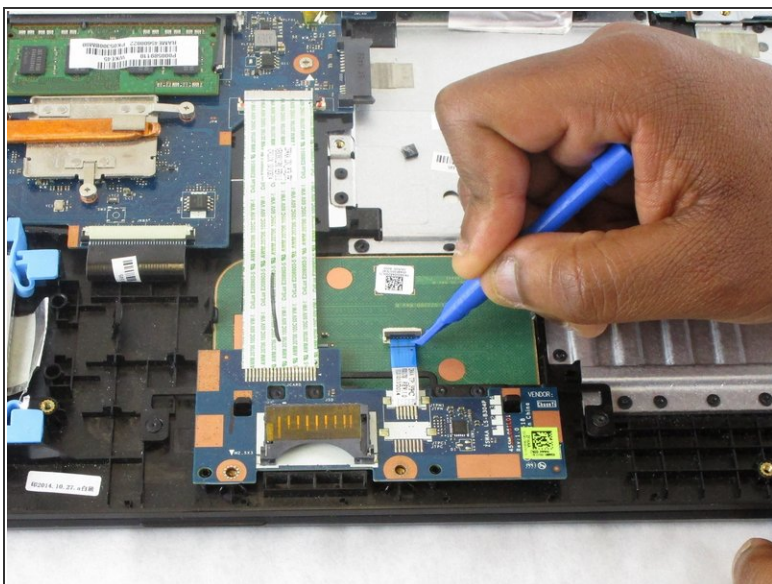


## Step 25



- Release the two clamps connecting the blue ribbon to the external touchpad.
- Lift the black clasp holding the blue ribbon in place.

## Step 26



- Slide the blue ribbon from the external touchpad holding socket.
- Lift the touchpad module from the laptop.

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