



HP Flyer Red Hard Disc Drive Replacement

This guide will show you how to remove your hard drive.

Written By: Anthony Ciotti



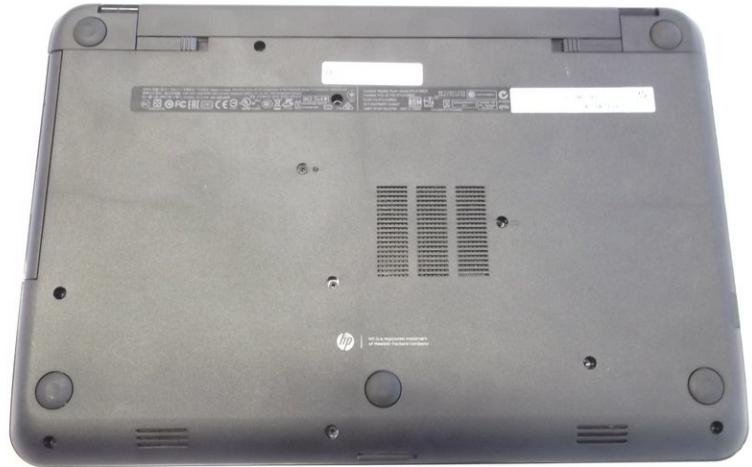
INTRODUCTION

This guide is helpful if you have something wrong with your hard drive and you need to replace it.

TOOLS:

- [iFixit Opening Tools](#) (2)
- [Phillips #1 Screwdriver](#) (1)
- [Metal Spudger](#) (1)

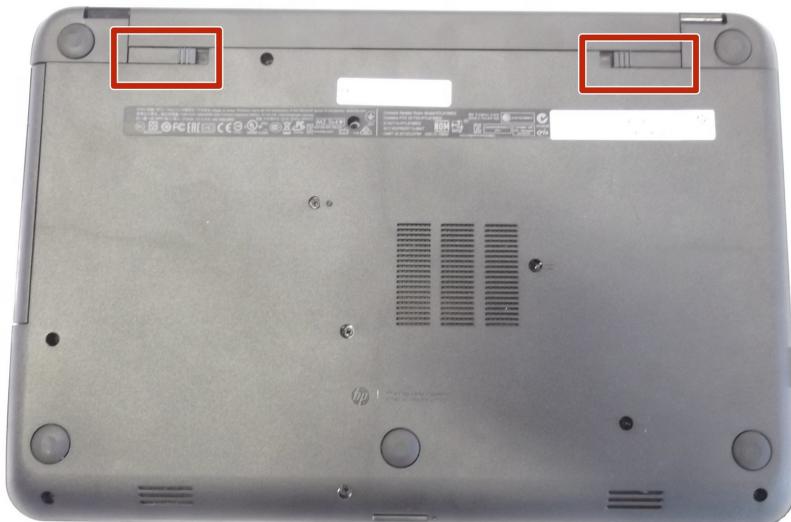
Step 1 — Battery



 Make sure your laptop is powered off.

- With laptop closed flip to look at the underside of the laptop.

Step 2



- On the underside of the laptop towards the hinge for the screen there are two rectangular slide switches located inside of rectangular tracks.

Step 3



- The left switch is the battery unlock switch.
- Inside the rectangular track of this switch there is an image of a closed lock that should be visible. Push this switch to the other end of the track and an image of an open lock should be visible.

Step 4



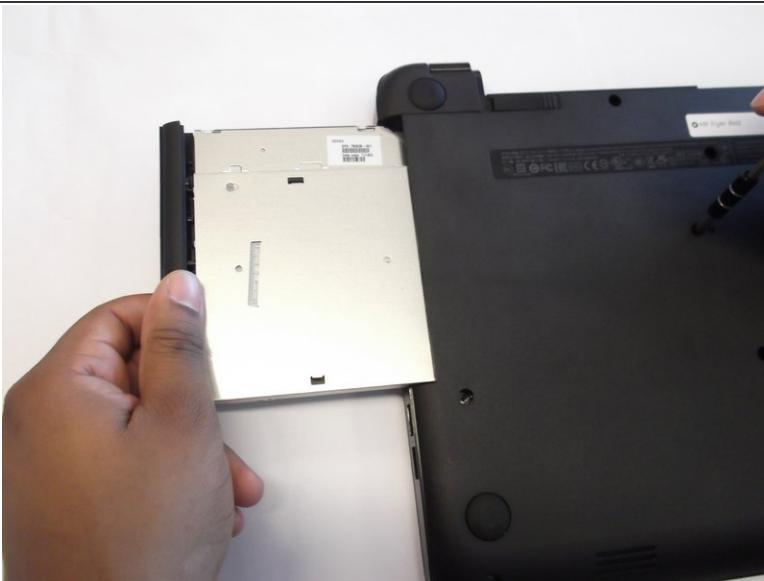
- Then take and slide the other switch to the other end of its track which will pop out the battery.
- Grab the battery and pull it out of the slot.

Step 5 — Optical Disc Drive



- Remove the 4mm Phillips #1 screw located towards the middle of the laptop slightly towards the right with the picture of the CD next to it.

Step 6



- Slide the disc tray out of its slot.

Step 7 — Keyboard



- Next locate and unscrew the two 4mm Phillips #1 screws with the keyboard symbol located towards the middle and top of the bottom of the laptop.

Step 8



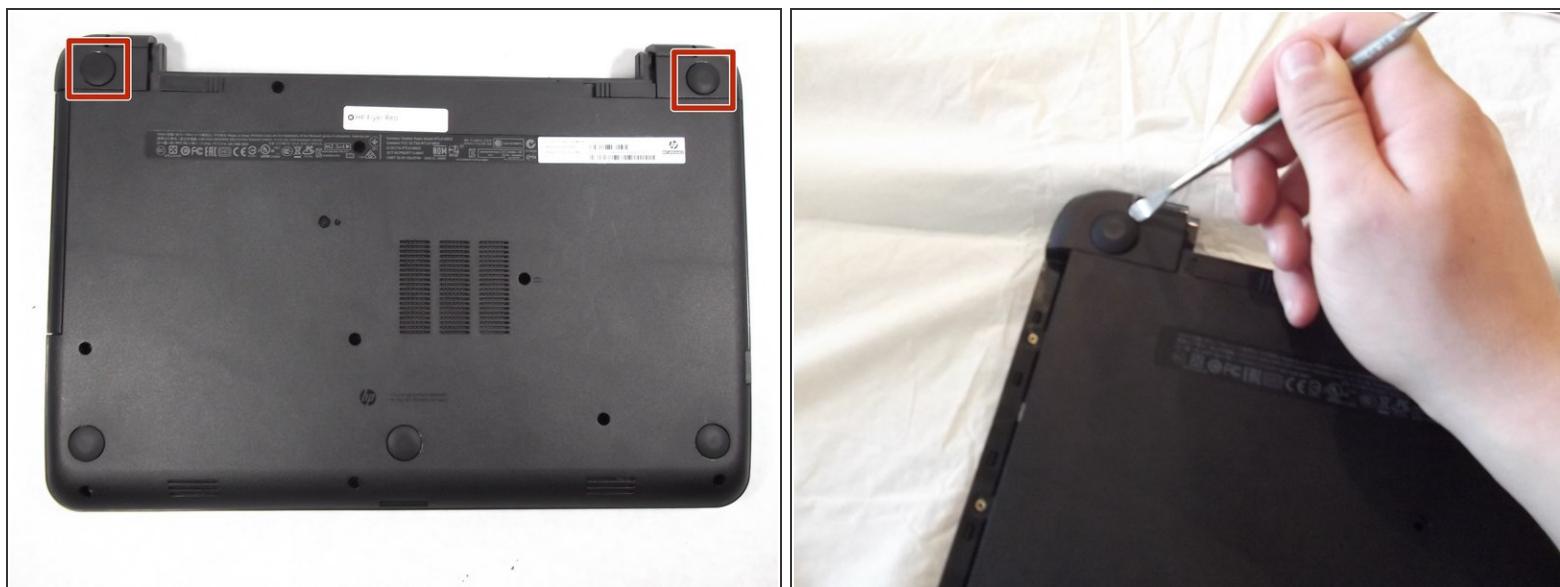
- Next turn the laptop over and flip open the screen.
- Use the plastic opening tool to pry the keyboard upwards from the bottom right hand corner of the keyboard.
- Use another plastic opening tool with the first plastic opening tool you placed to undo every plastic clasp surrounding the keyboard.

Step 9



- Next lift up the keyboard gently and use the plastic opening tool to undo the ribbon wire by unclipping the ZIF (zero insertion force) connector to the laptop.
- Gently slide the ribbon wire out of its slot.

Step 10 — Hard Disc Drive



- After removing the keyboard close the laptop and flip it over.
- Using a spudger to remove the rubber bumpers located at the top left and top right of the laptop.

Step 11



- Remove the two 4mm Phillips #1 screws located under the rubber bumpers.

Step 12



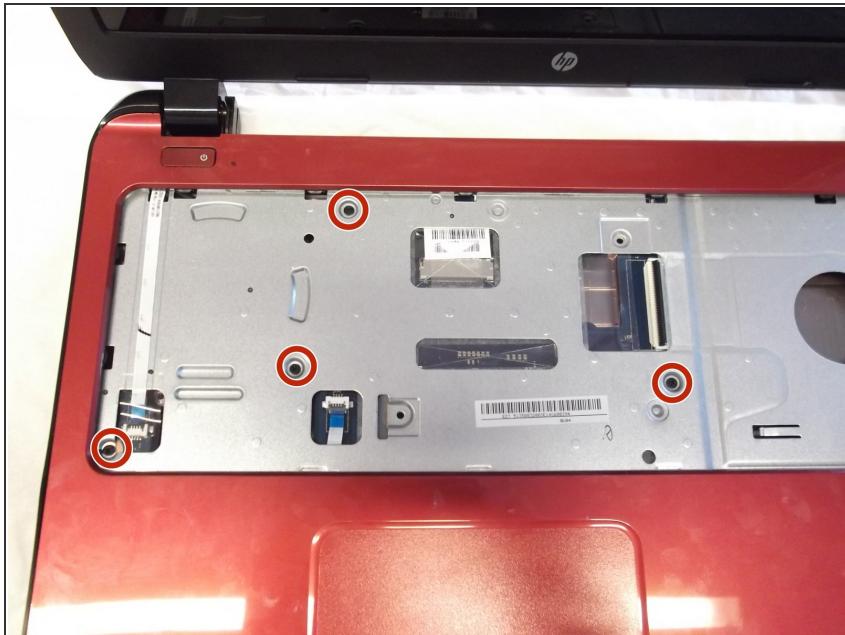
- Now remove both corner pieces by sliding them away from the laptop and pulling upwards.

Step 13



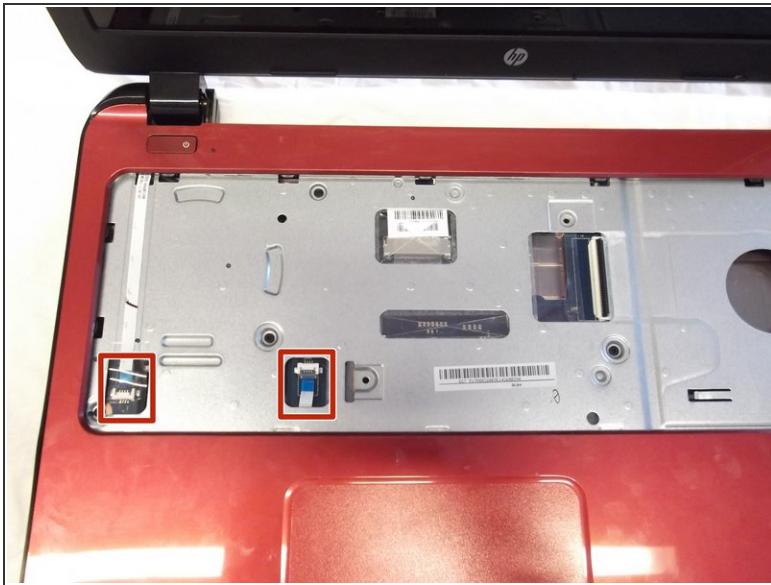
- Remove the two 4mm Phillips #1 screws located where you pulled the disk tray out of.

Step 14



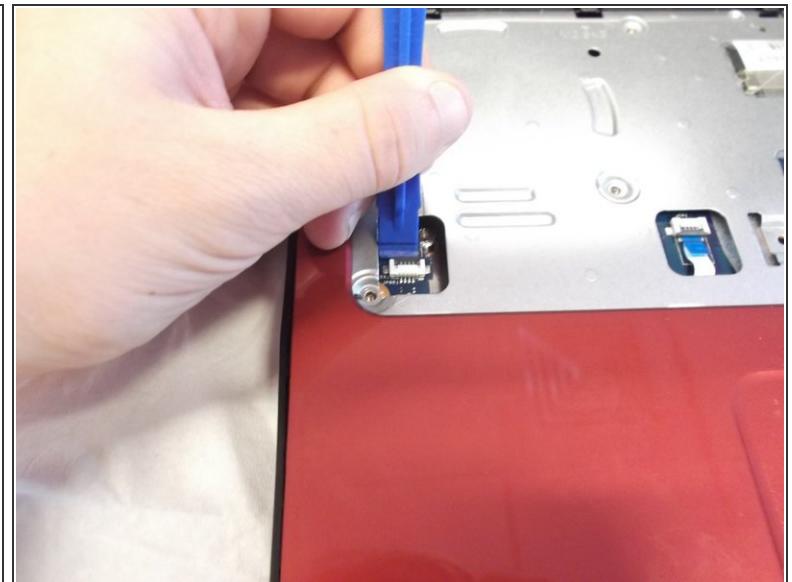
- Now flip the laptop back over and open the screen. Remove the four 4mm Phillips #1 screws.

Step 15



- Using the plastic opening tool you will need to remove two pieces of tape.

Step 16



- Using the plastic opening tool detach both ribbon cables by disconnecting both ZIF (zero insertion force) connectors on the ends.

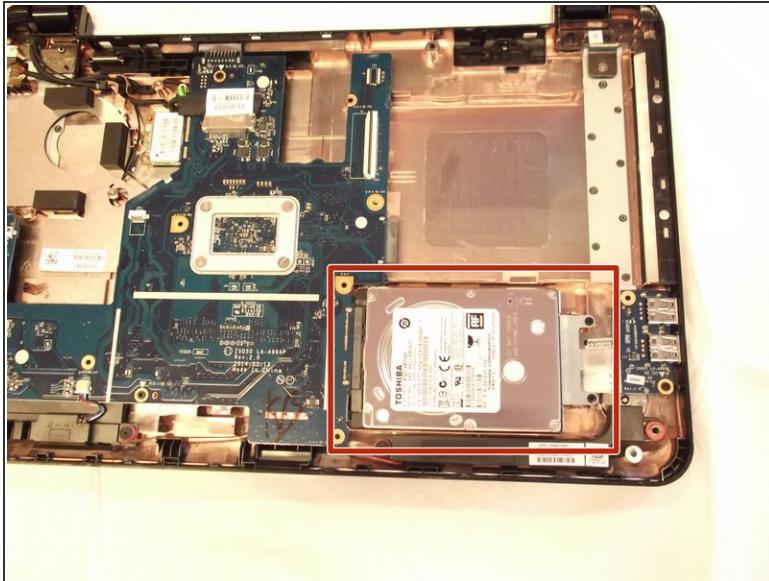
Step 17



- Now peel back the glued longer ribbon cable gently.

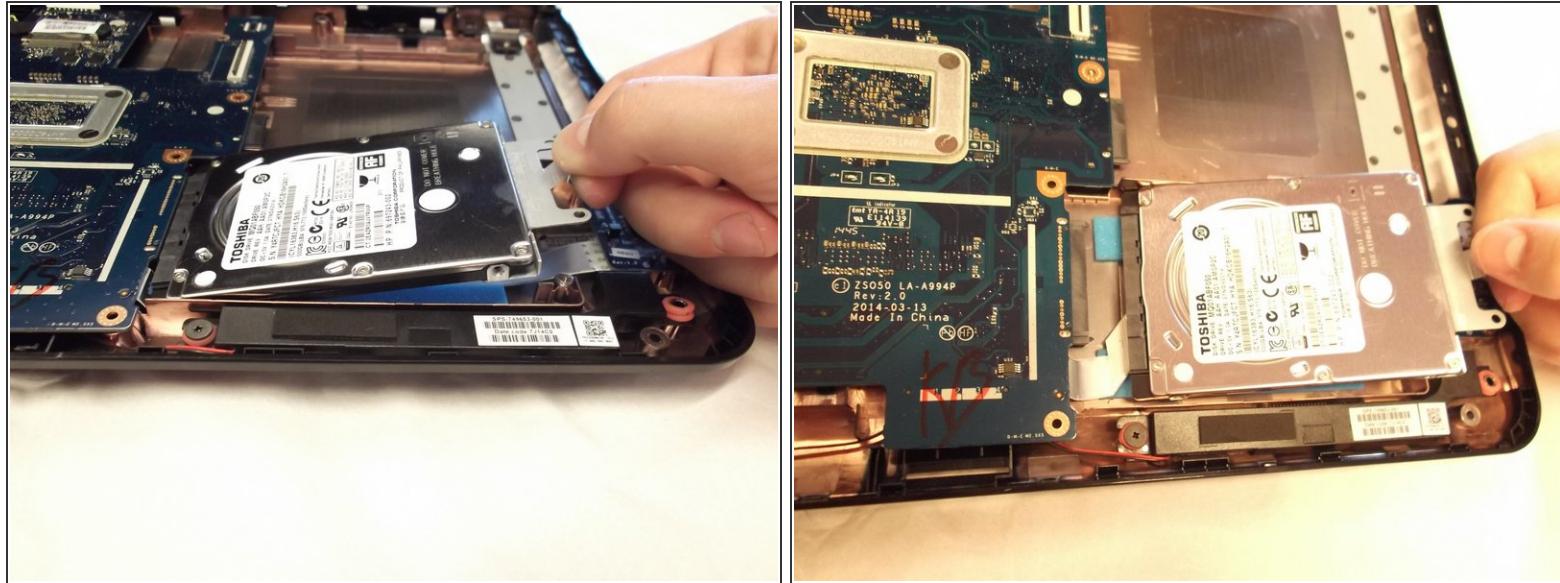
 Ribbon wire is very fragile be sure not to rip it.

Step 18



- Now you can see the hard drive.
- Remove the two 4 mm Phillips #1 screws.

Step 19



- Now pull the bracket where the screws were to the right as you lift up the hard drive.
- It will disconnect from the motherboard as shown.

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