



# Dell Studio 15 Hard Drive Replacement

Follow this guide for instructions on how to remove the hard drive from a Dell Studio 15 laptop, and use the instructions in reverse on how to install a new one.

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## INTRODUCTION

Here we'll cover how to remove the bottom hatch of the laptop, how to remove the drive caddy, and how to remove the actual hard drive.

### TOOLS:

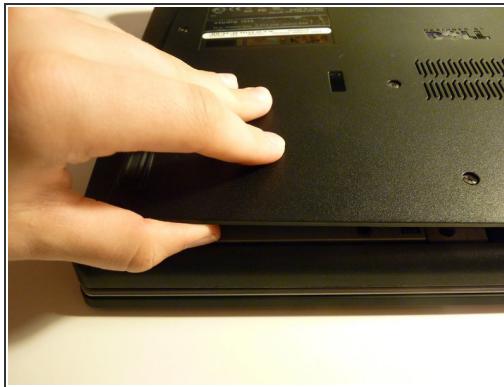
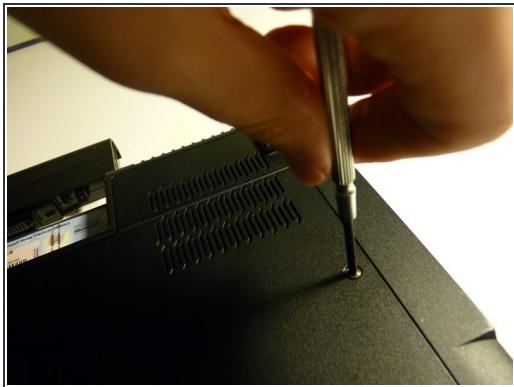
- [Phillips #0 Screwdriver](#) (1)
- [Tweezers](#) (1)

## Step 1 — Hard Drive



- Gather tools and materials
- Flip over laptop, and remove battery as a safety precaution

## Step 2



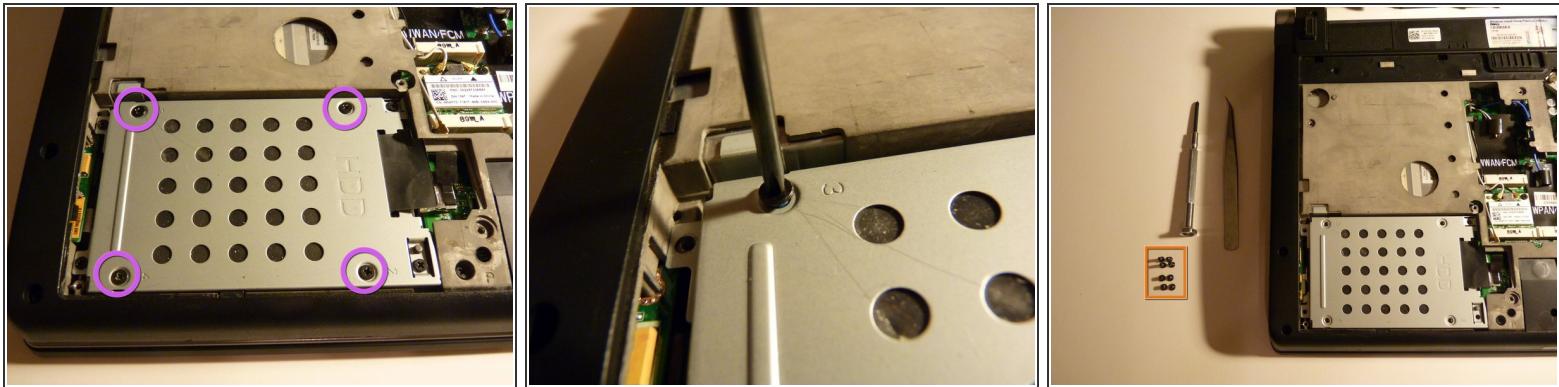
- If you look at the bottom of the laptop, you will notice that there is a panel that is removable
- Unscrew the screws that hold the panel in place
  - Unscrew the screws until they are loose. They will not come out of the panel
- After loosening all the screws, lift the panel up from the main chassis
  - You may need to use a flathead screwdriver to lift the panel

## Step 3



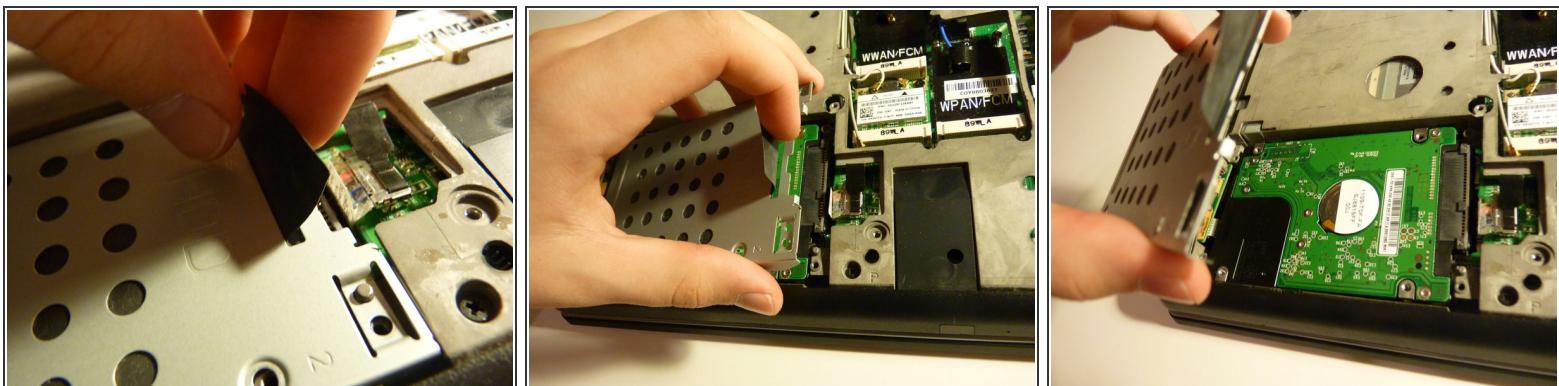
- Now we have access to the internals of the laptop, pretty neat
- If the battery is away from you, the hard drive should be closer towards you on the left
- Start by removing the screws holding the caddy into the chassis
  - These screws have a more rounded top, and are longer
  - Once loosened, you can remove with your fingers or tweezers, and then set them aside

## Step 4



- Now we remove the screws holding the drive to the caddy
  - These screws are have a flatter head, and are shorter
  - These are standard drive screws that are used to mount any hard drive to a mounting device, such as brackets to put it in a desktop computer
  - The manufacturer likes to put these in very tightly, and it may take some effort to remove. I suggest using a screwdriver with a bigger handle, not the one I am using
  - Set these screws aside, apart from the screws we removed in the last step

## Step 5



- Now that the screws are removed, the caddy can be removed from the chassis and drive
  - Pull the black tab on the right side of the caddy, and pull up
    - It might take some wiggling but it should come out

## Step 6



- Now that the caddy is removed, we can lift the drive out of its place
- It should lift out easily, but it will still be attached with a cable
- Set it aside on top of the optical drive (the metal surface)

## Step 7



- Now that the drive is removed, we have to remove the cable connecting it to the motherboard
- It may be hard to do at first, but there are some grooves that you can use to hold on to
- Pull the connector from the drive gently
- Wiggling the connector a bit does help a little

## Step 8



- If you found it difficult to remove the drive or the cable connecting the drive to the motherboard, you can remove the whole cable at once
- If you look to the right of the drive, you will see another tab, this one is black, but I've also seen blue ones
- Pull this tab gently in order to remove the cable
  - Again, wiggling also helps

## Step 9



- If you removed the drive using steps 1-7 then what you have should be left in picture 1
- If you had trouble removing the drive, and you went through to step 8, then the parts remaining will be in picture 2
- The drive should have a SATA interface, so you should be able to mount it into another computer using 2.5" to 3.5" converter brackets and a SATA cable

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