



Dell Vostro V13 RAM Replacement

This is a guide to show you how to replace the RAM of your Dell Vostro V13 Laptop.

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INTRODUCTION

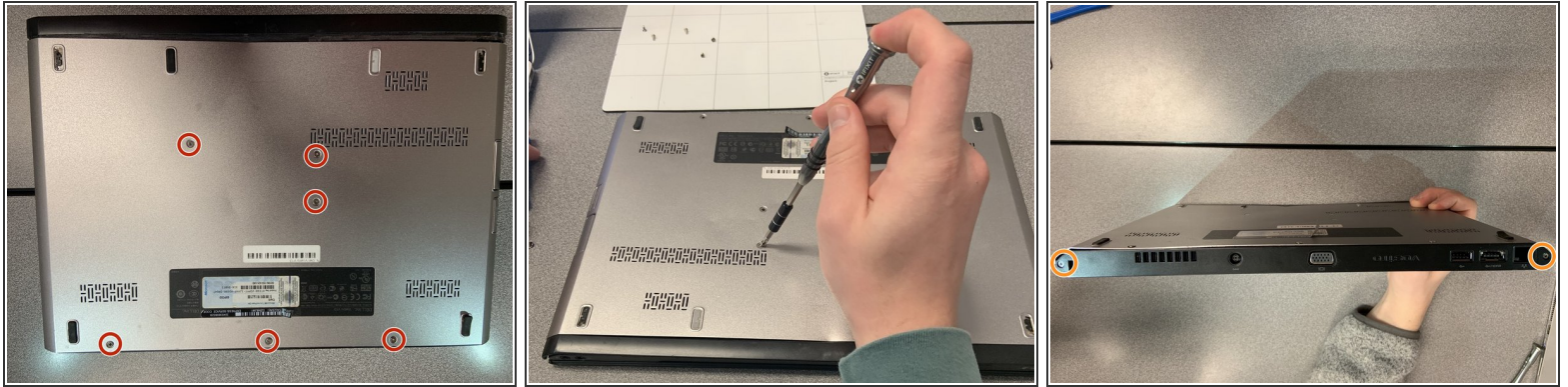
You can replace the RAM in your laptop for two reasons. The first would be if you want to upgrade to a more powerful RAM. The second would be if your laptop is giving you an error where your RAM is not detected and more minor solutions are not working. You can follow the steps in this guide to replace your RAM in order to get your laptop functioning properly. Before you start this guide, remember to power down your laptop, unplug it, and back the hard drive up to prevent injury and data loss.



TOOLS:

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

Step 1 — Back Cover




 Back up the memory to an external drive and power off the laptop before starting.

- Flip the laptop over so the vents are facing you.
- Remove the six 5.0 mm Phillips #1 screws using the magnetic driver.
- Remove the two 5.0 mm Phillips #1 screws on the back side of the laptop.

Step 2



- Slide out the SD and MicroSD holders.

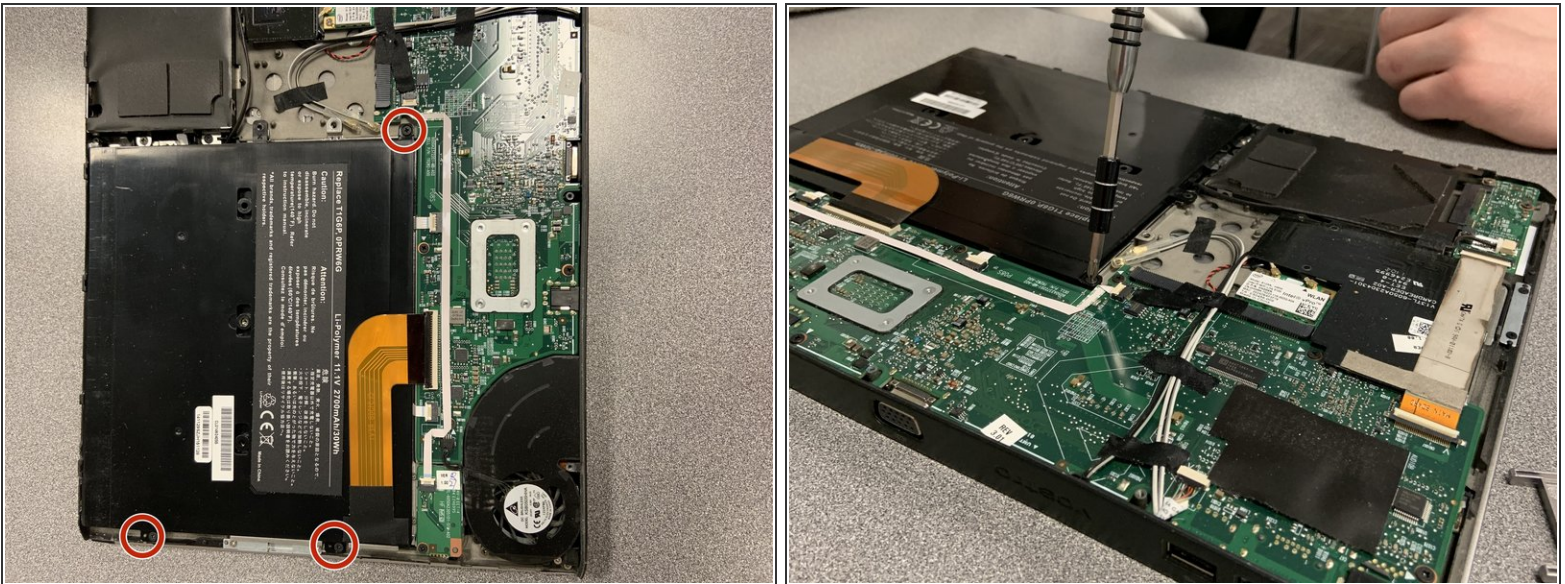
 If you are having trouble sliding them out, use the plastic opening tool.

Step 3



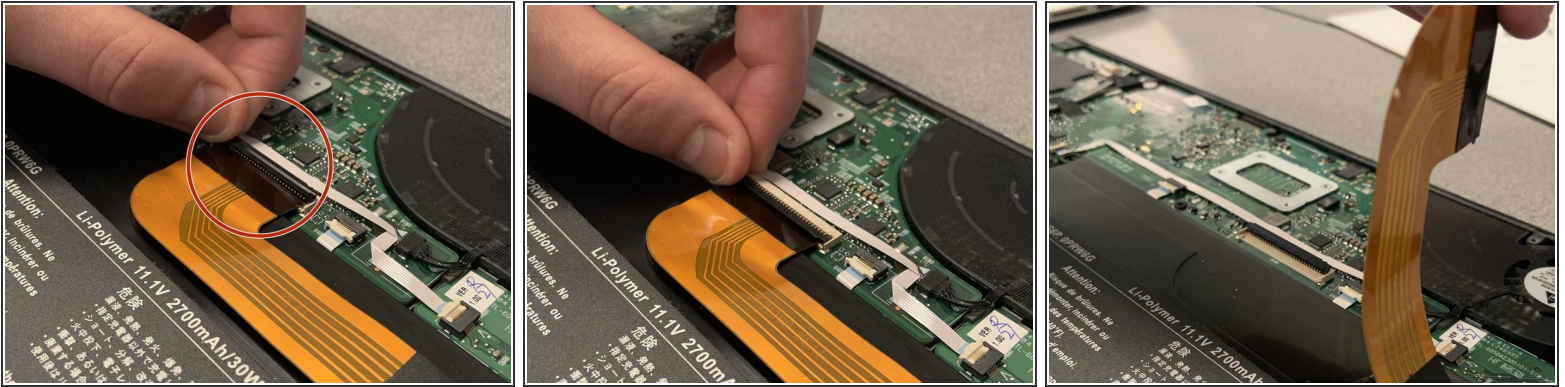
- Slide the plastic opening tool around the perimeter of the laptop until the cover pops off.
- Pull the back cover off.

Step 4



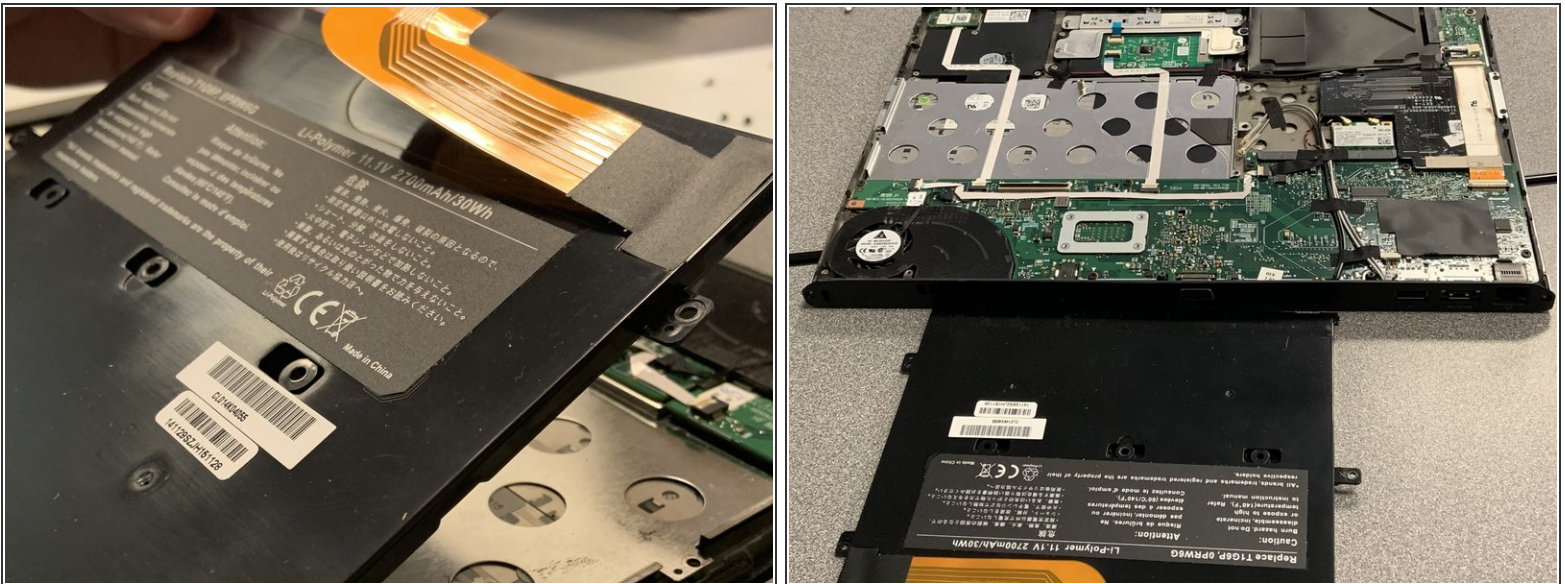
- Remove the three black 3.9 mm Phillips #1 screws holding the battery in place.

Step 5



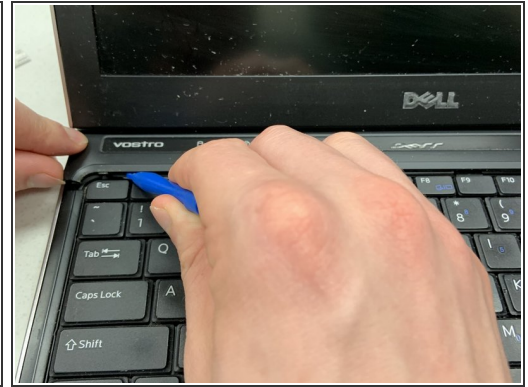
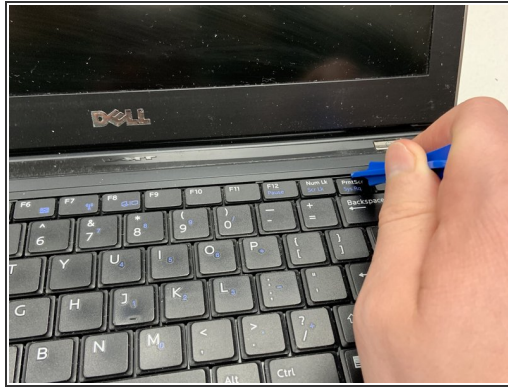
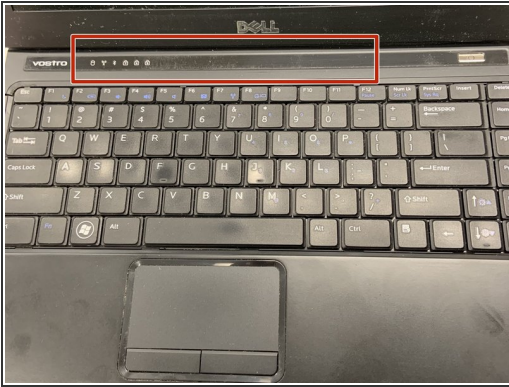
- Flip up the clip of the ribbon connector.
- Pull the strip out to disconnect the battery.

Step 6



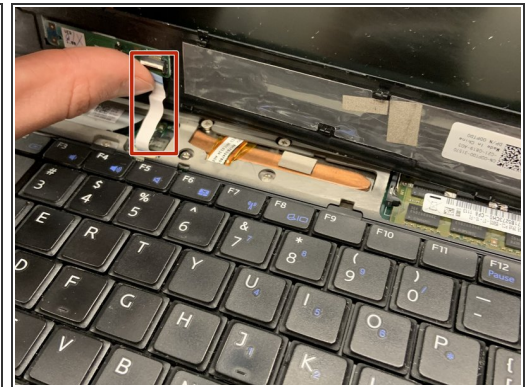
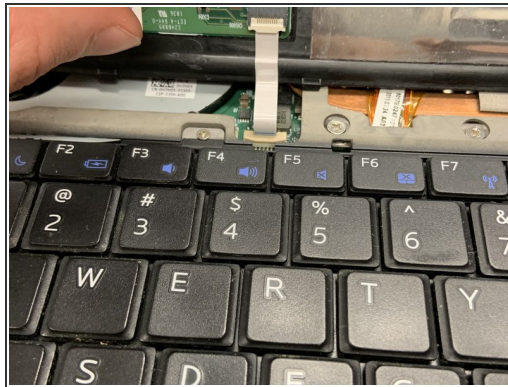
- Remove the battery.
- ❗ Removing the battery allows you to work safely.

Step 7 — RAM



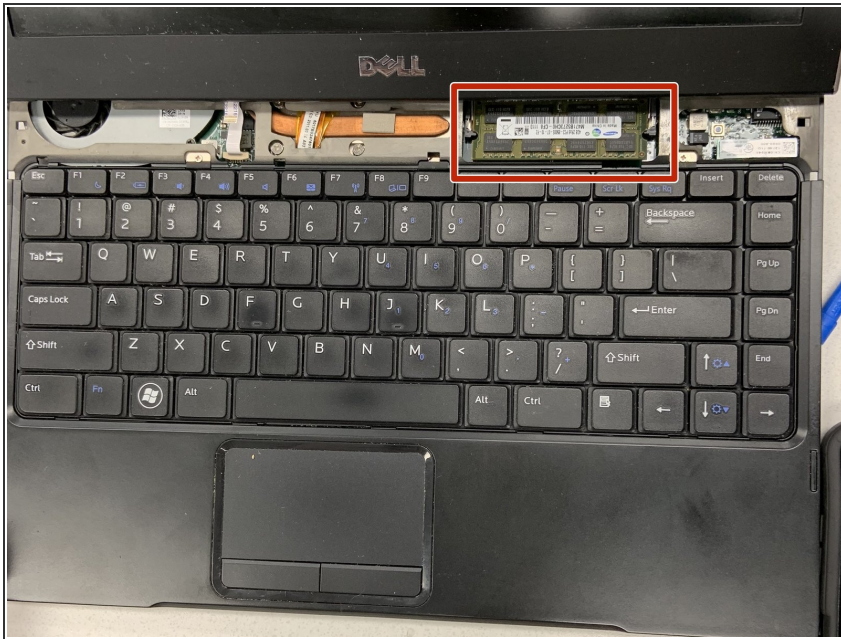
- Open the laptop.
- Wedge the plastic opening tool around the seam of the notification panel to loosen it.

Step 8



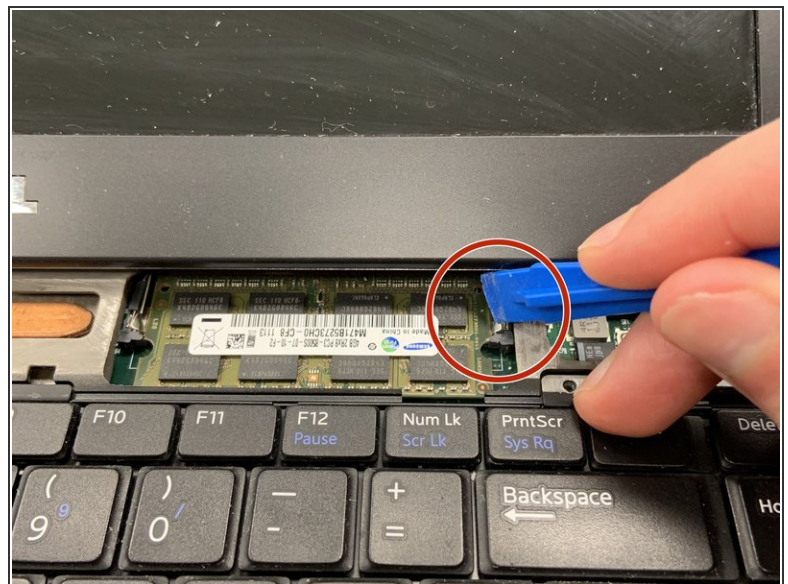
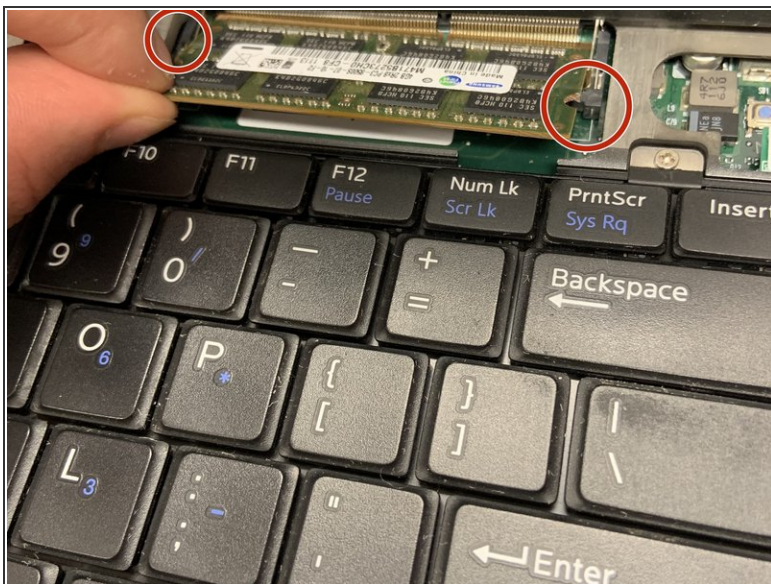
- Disconnect the ribbon connector by using the plastic opening tool.

Step 9



- Remove the panel to reveal the RAM.

Step 10



- Push the two black/silver clips in to dislodge the RAM.
- ⓘ If you're having trouble, use the plastic opening tool to push the clips in.

Step 11



- Remove the RAM.

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