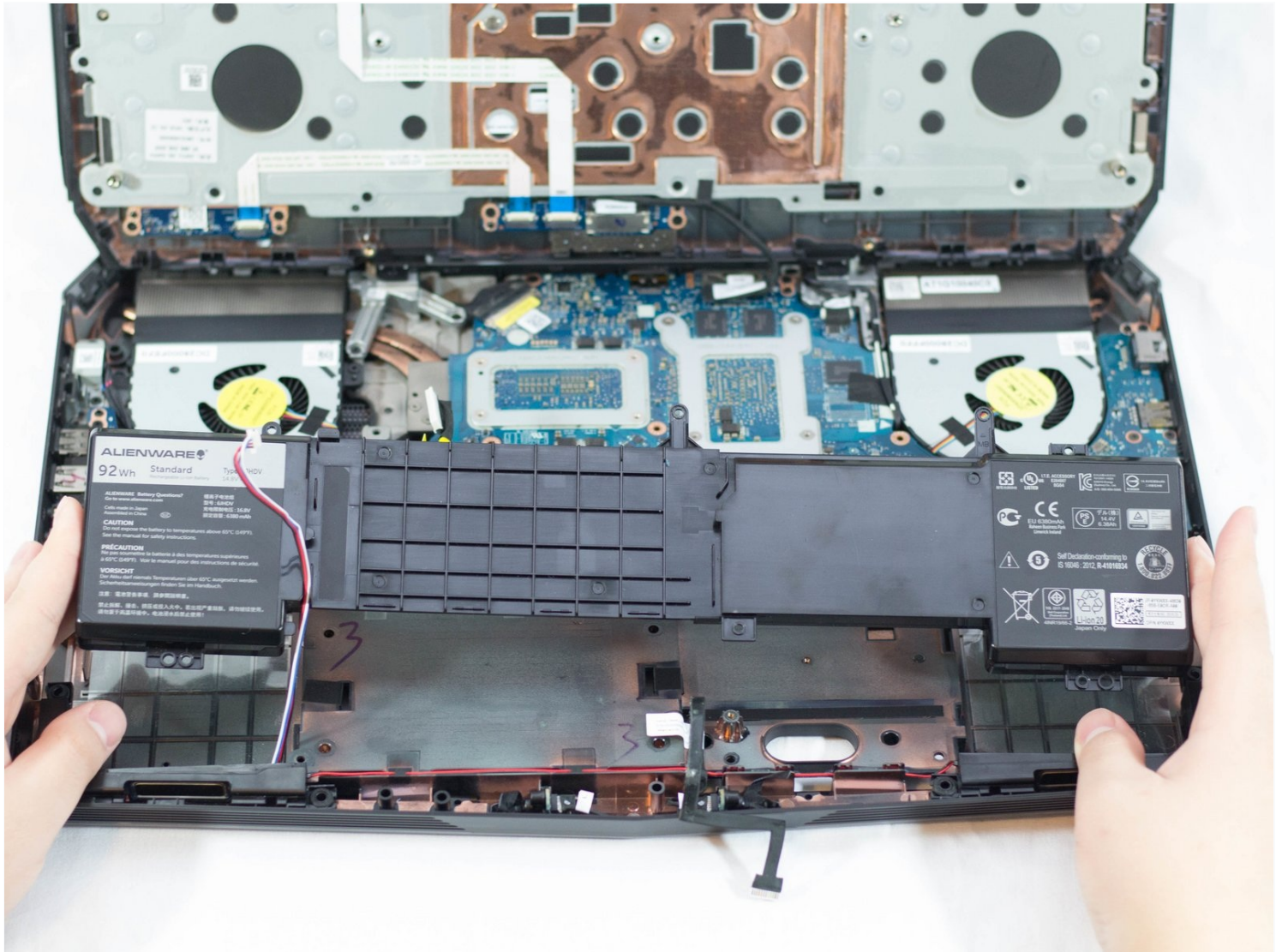




Alienware 17 R3 Battery Replacement

This guide will show you how to replace the...

Written By: Jonathon Tschurwald



INTRODUCTION

This guide will show you how to replace the battery for your Alienware 17 R3. Be sure you have all the required tools before you begin.

For your safety, discharge your battery below 25% before disassembling your device. This reduces the risk of a dangerous thermal event if the battery is accidentally damaged during the repair. If your battery is swollen, [take appropriate precautions](#).



TOOLS:

Phillips #1 Screwdriver (1)
iFixit Opening Tool (1)
Anti-Static Wrist Strap (1)



PARTS:

Dell Alienware 17 R2/R3 Battery (1)

Step 1 — Battery



- Turn the computer off.
- Disconnect the charging cable from the computer.

⚠ Failure to unplug the charging cable could result in damaging the computer or seriously injuring yourself.

- ① Wear the [anti-static wrist strap](#) to prevent any electrical shock to the components. Shocks may damage the components.

Step 2



- Unscrew and remove the two 4mm Phillips #1 screws from the cover.
- ⓘ Remember to put the screws in a safe place so you can find them all during re-assembly.

Step 3



- Pull up and slide the cover off.

Step 4



- Unplug the black wire with the yellow tag to disconnect the battery.

Step 5



- Unscrew and remove the four 3mm Phillips #1 screws holding the hard drive in place.

Step 6



- Unscrew and remove the four 2mm Phillips #1 screws holding the casing together.

Step 7



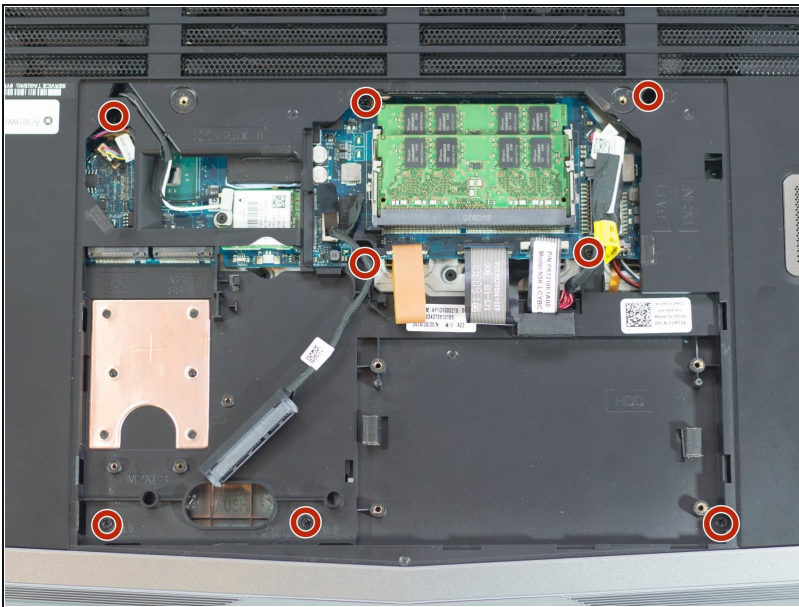
- Remove the plug from the hard drive.
- Lift the hard drive out and set aside.

Step 8



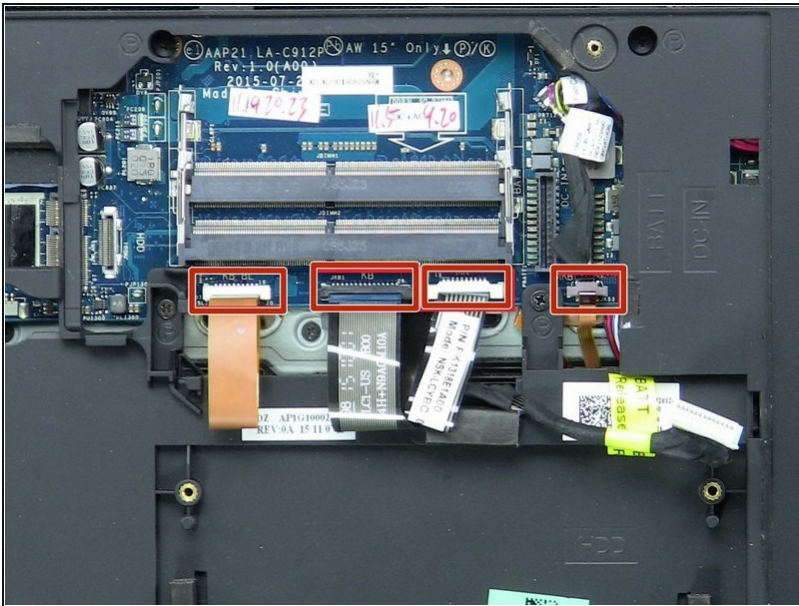
- Unscrew the one Phillips #1 screw holding down the bottom of the M.2 chip.
- Pull the M.2 chip straight out of its socket.

Step 9



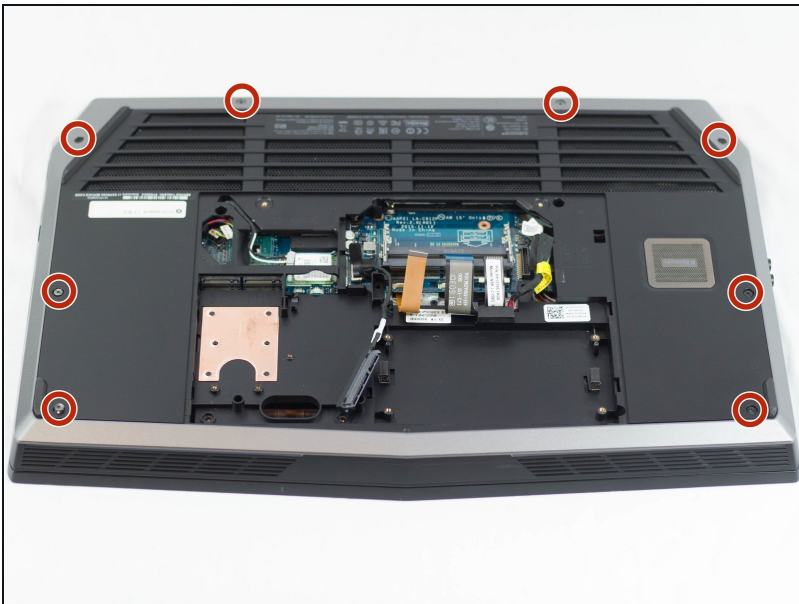
- Unscrew and remove the eight 3mm Phillips #1 screws (located in areas labeled "P").

Step 10



- Carefully disconnect the four flex cables.
- ① To unlock a [ZIF connector](#), use the tip of a spudger or your fingernail to flip up the small, hinged locking flap. Carefully slide the unlocked cable out of the socket.

Step 11



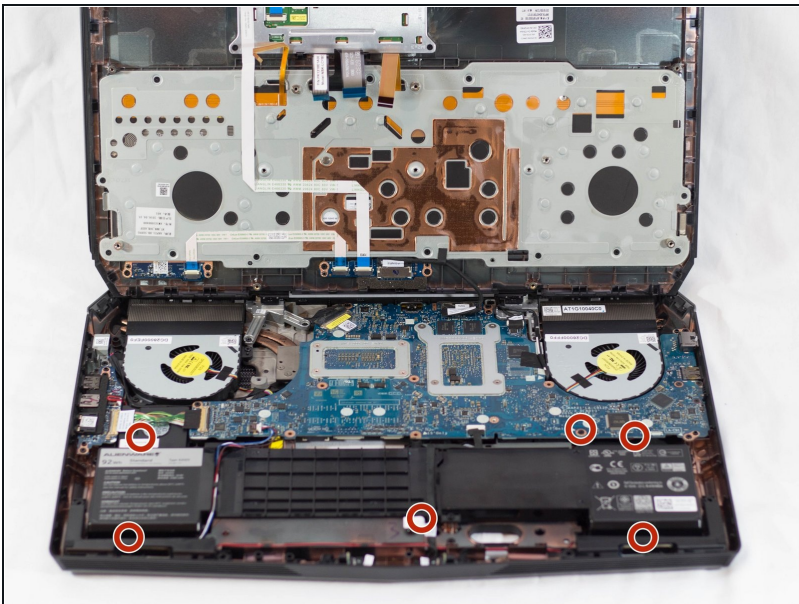
- Remove the six 4mm Phillips #1 screws on the side and the two 10mm Phillips #1 screws on the top.

Step 12



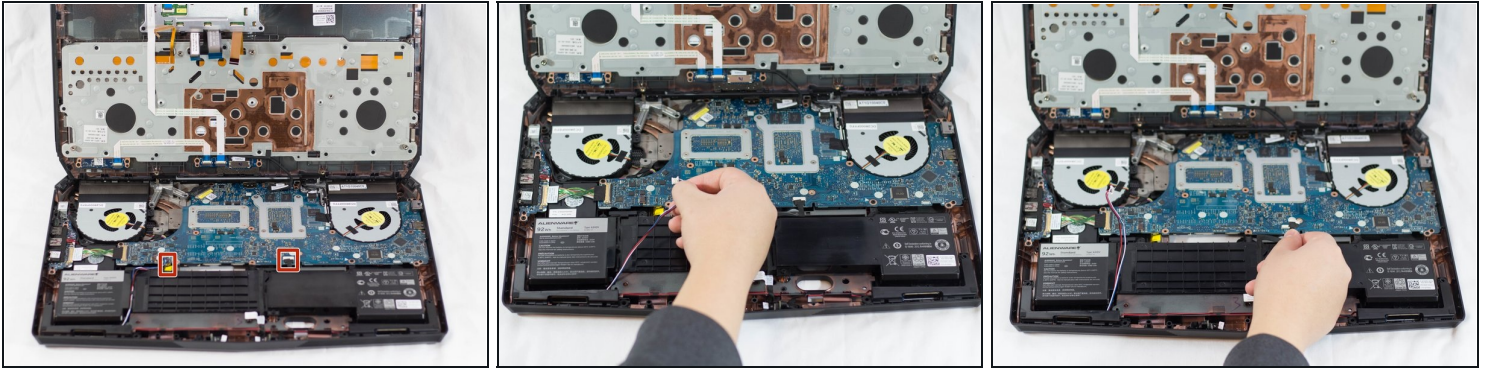
- Flip over the laptop and open it.
- Insert the spudger along the edges of the laptop and gently pry upward to lift the keyboard panel.

Step 13



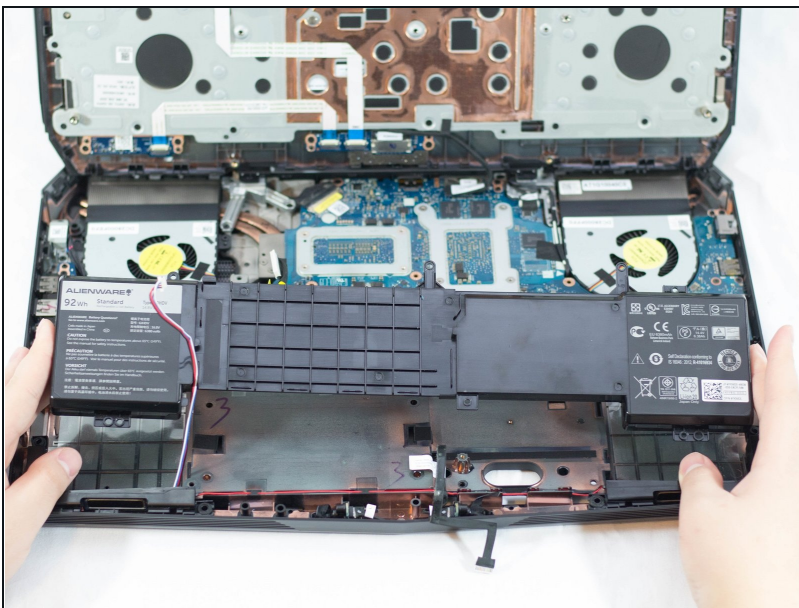
- Remove the six 4mm Phillips #1 screws holding the battery in place.

Step 14



- Unplug the two sets of wires from the motherboard.

Step 15



- Lift out the battery pack.

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

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

Repair didn't go as planned? Try some [basic troubleshooting](#), or ask our [Answers community](#) for help.