

INTRODUCTION

This guide will walk you through removing and replacing your Dell Inspiron 17R-N7110 hard drive. You will be handling and working with delicate electronic components, so be sure to wear the anti-static wrist strap for this replacement.

🔧 TOOLS:

Jimmy (1)
Phillips #0 Screwdriver (1)

⚙️ PARTS:

Crucial MX500 1 TB SSD (1)
Crucial MX500 250 GB SSD (1)
Crucial MX500 500 GB SSD (1)
2 TB SSD (1)

Step 1 — Battery



⚠️ Do not touch any electronic components without wearing the [anti-static wrist strap](#). Failure to do so poses a risk of static electric shock, and may cause damage to components.

- Place the laptop on a flat surface with the Dell logo upside down.
- Flip the laptop over. The battery will be in the center.

Step 2



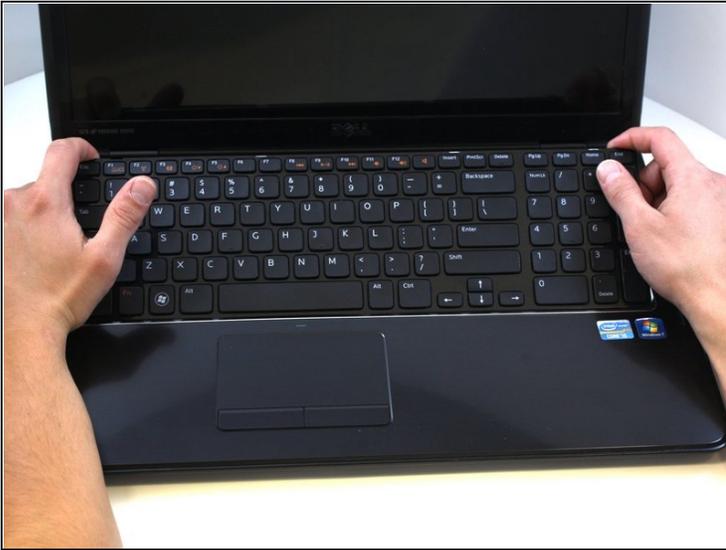
- Slide both the left lock and right lock, towards the center of the battery.
- Push upwards on the grip on the bottom of the battery to remove it.

Step 3 — Keyboard



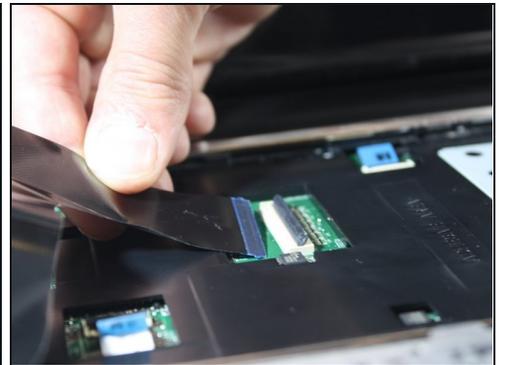
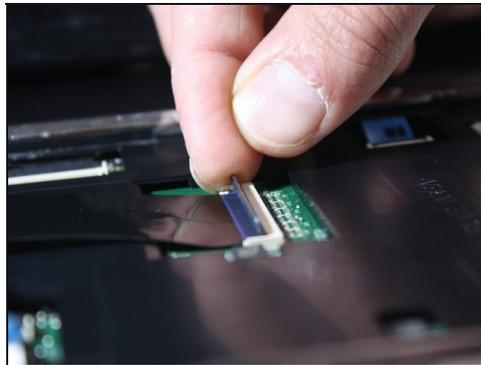
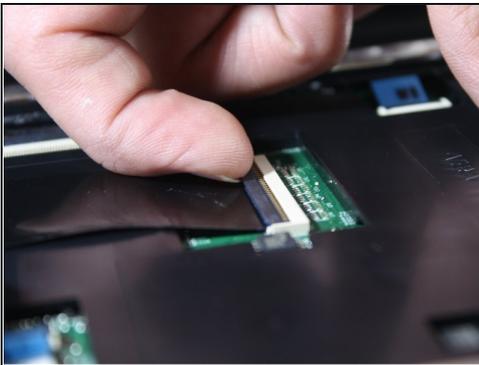
- ⚠ Do not pull the keyboard away from the laptop. The keyboard is connected to the motherboard by a cable. Pulling the keyboard may cause damage to the keyboard and/or motherboard.**
- ⚠ Metal spudgers and similar prying tools can damage internal components like the motherboard. It is ideal to use a regular black nylon spudger or a plastic opening tool, but for this device the metal jimmy was the only tool to work.**
- Flip over and open your device. Gently wedge the metal Jimmy into the rightmost hole at a 45-degree angle. Make sure that the Jimmy is between the silver metal portion of the keyboard and the silver plastic edge around the keyboard.
 - Tilt the metal jimmy away from you to pry up the edge of the keyboard.
 - Repeat the previous actions on each of the other three holes to release the keyboard.

Step 4



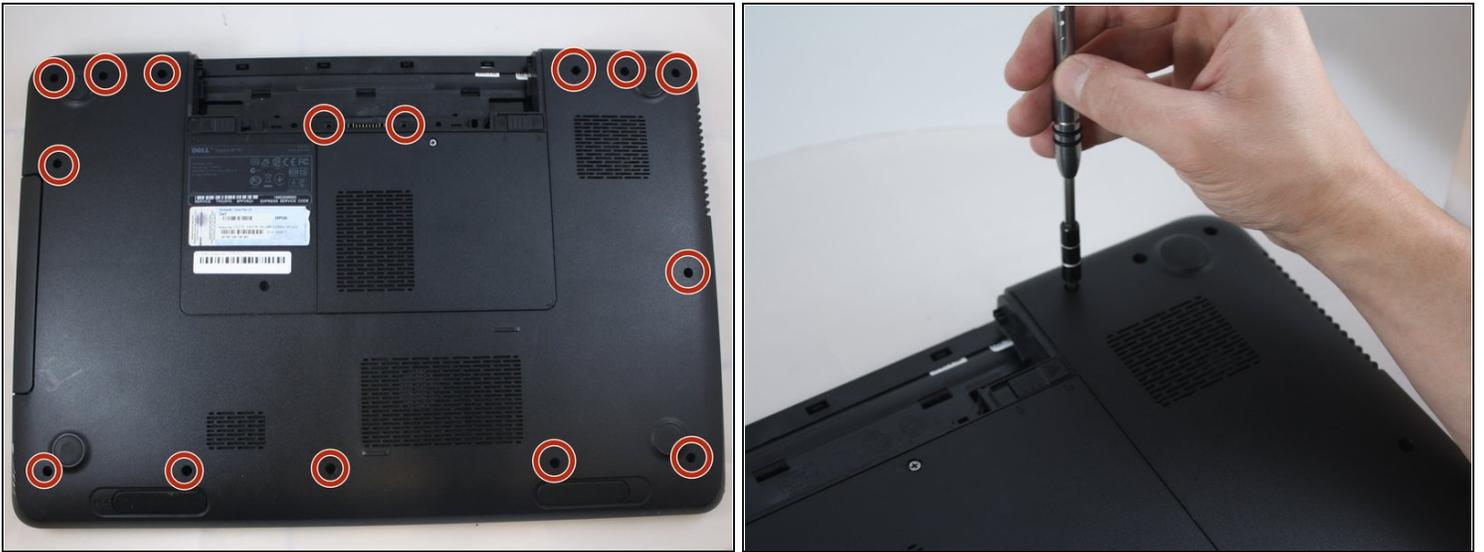
- Gently flip the keyboard over and lay it on the touchpad area.

Step 5



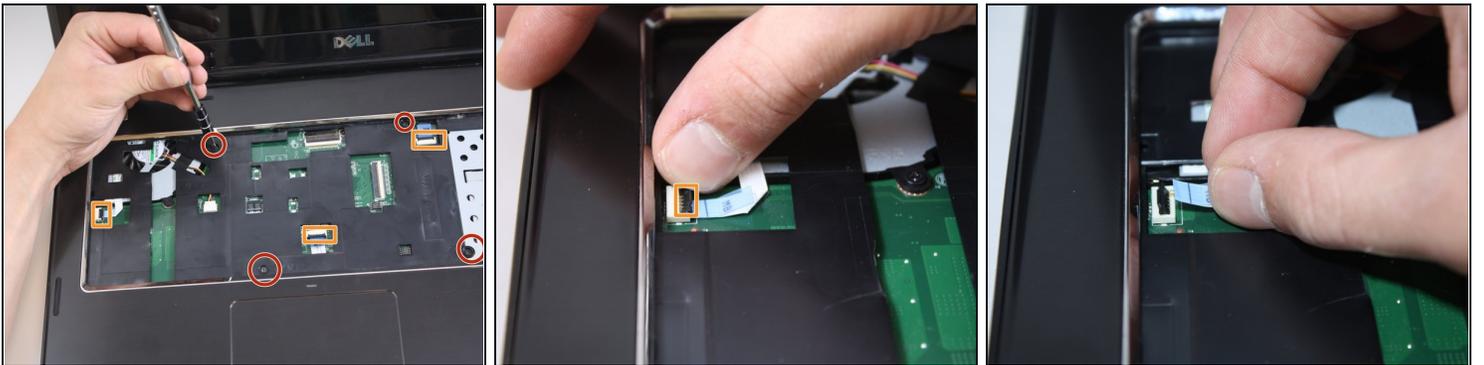
- Flip up the black flap where the keyboard cable connects to the motherboard
- Gently pull the cable away from the slot to release the keyboard.
- Remove the keyboard from the device.

Step 6 — Hard Drive



- Flip the laptop over so it is bottom-up.
- Use a Phillips #0 screwdriver to unscrew the fifteen 5mm screws pictured.

Step 7



- Flip the laptop over.
- Use a Phillips #0 screwdriver to unscrew the four 5mm screws from the palmrest.
- Flip up the black flaps over the three cables pictured and gently pull them out.

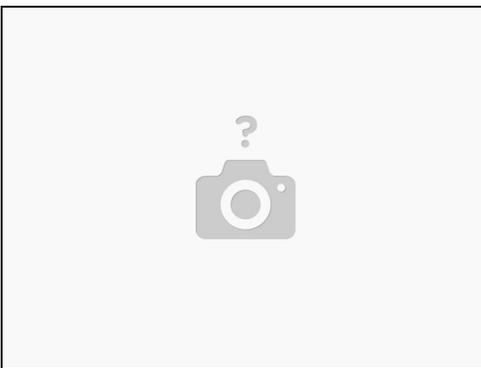
Step 8



⚠ Do not proceed without holding the laptop screen/lid for support. The screen is very heavy and may cause the device to fall if not held and supported.

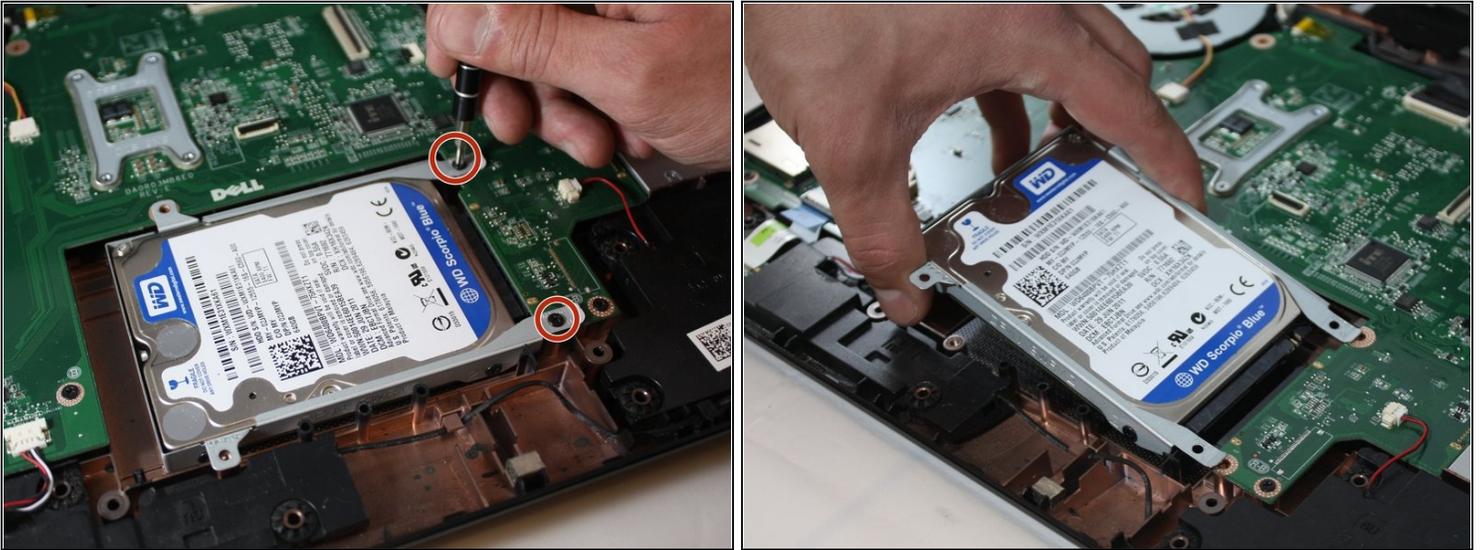
- Use a plastic opening tool to pry up the edges of the palmrest cover.
- Pull off the palmrest cover. You will hear some popping sounds.

Step 9



- Optical drive **MUST** be removed beforehand: remove the screw on bottom of laptop on the small panels that has the service tag number. Then use a paperclip to eject the drive and pull it out. This reveals the two small silver screws that attach the top cover. Remove those screws prior to prying off the cover.

Step 10



- Use a Phillips #0 screwdriver to unscrew the two 5mm screws holding the hard drive.
- Slowly lift up on the left side of the hard drive and pull to the left.

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