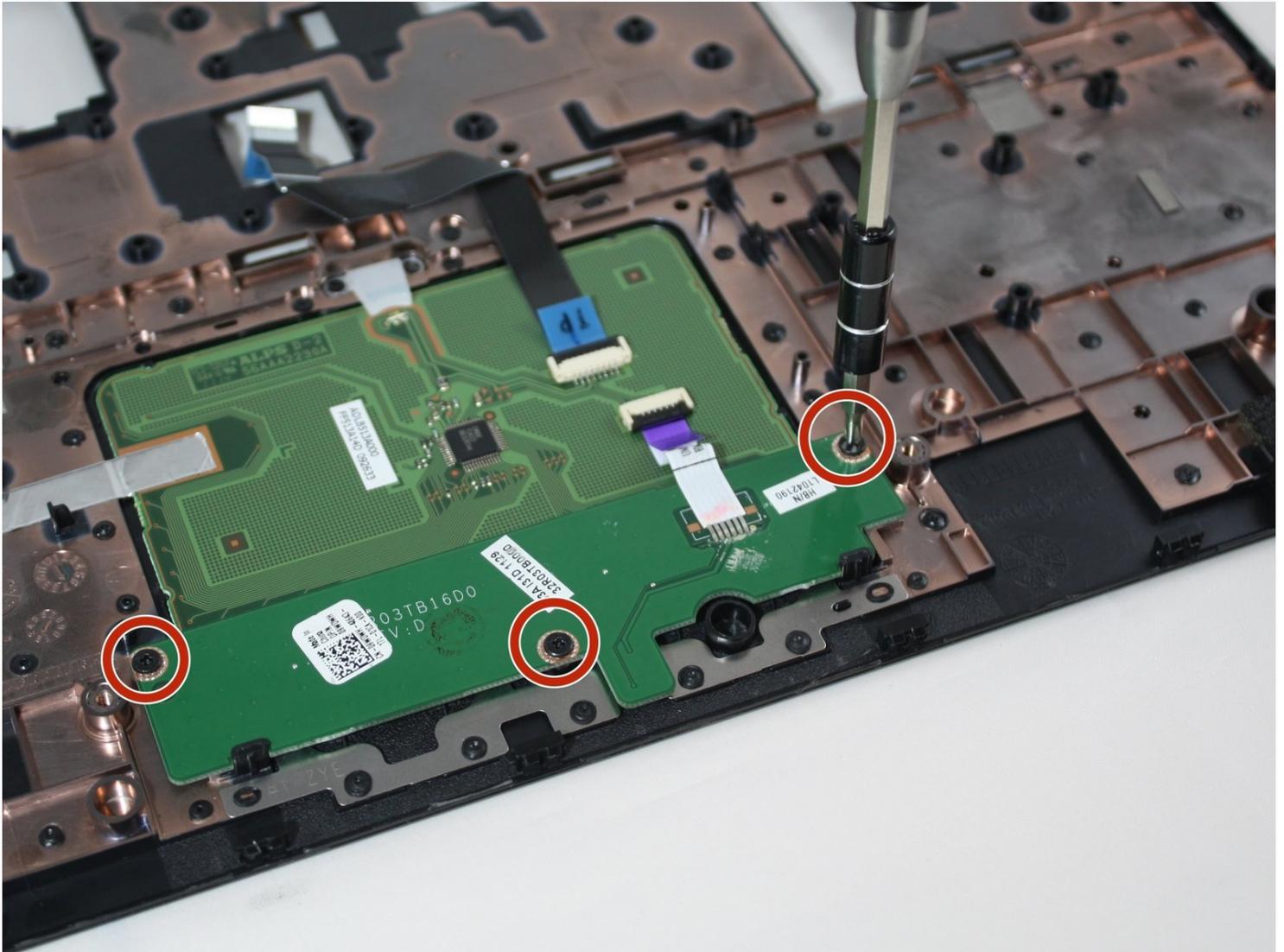




Dell Inspiron 17R-N7110 Touchpad Replacement

This guide will walk you through replacing your...

Written By: Emily Cone



INTRODUCTION

This guide will walk you through replacing your Dell Inspiron 17R-N7110 touchpad. You will be handling delicate electronic components during this replacement, so be sure to wear the anti-static wrist strap. You will also be using an iOpener to heat the glue under the touchpad sensor. The iOpener gets very hot, so it needs to be handled with care to avoid personal injury. Finally, a metal jimmy is used to pry up the touchpad sensor. It is recommended to attempt to use a plastic spudger, but in the event that the plastic spudger does not work, our guide shows the use of a metal jimmy. If you resort to using a metal jimmy as well, use extreme caution, as the use of metal tools with delicate electronic components can cause damage to the device and/or personal injury.

TOOLS:

iOpener (1)

Jimmy (1)

Spudger (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 top center.

Step 2



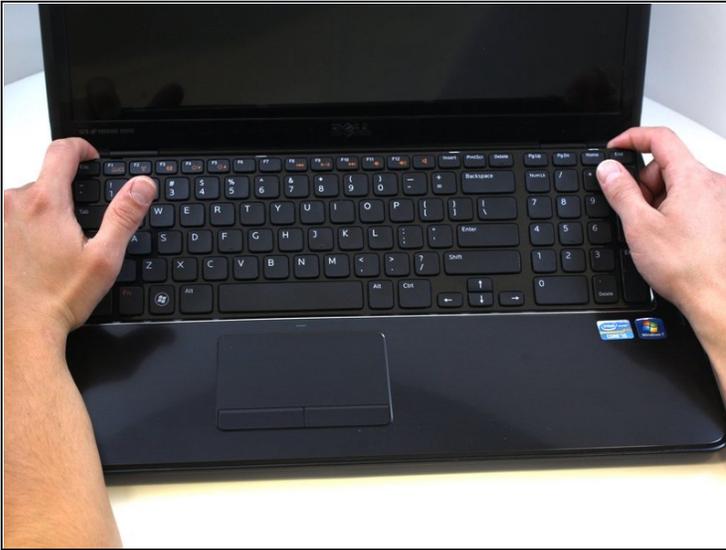
- Slide both the left lock and right lock, towards the center of the battery.
- Push upwards on the grip on the bottom of the battery to remove it.

Step 3 — Keyboard



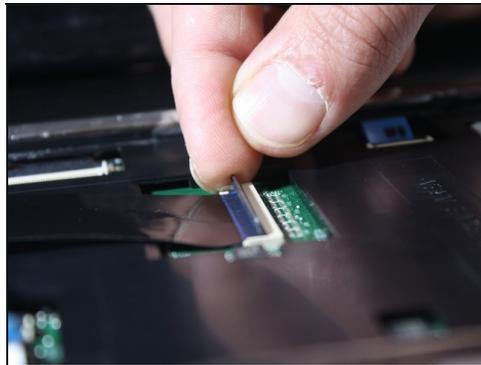
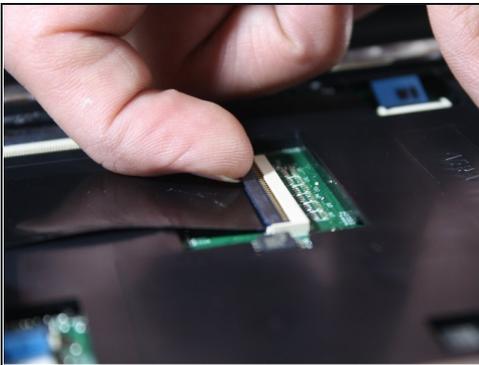
- ⚠ Do not pull the keyboard away from the laptop. The keyboard is connected to the motherboard by a cable. Pulling the keyboard may cause damage to the keyboard and/or motherboard.**
- ⚠ Metal spudgers and similar prying tools can damage internal components like the motherboard. It is ideal to use a 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



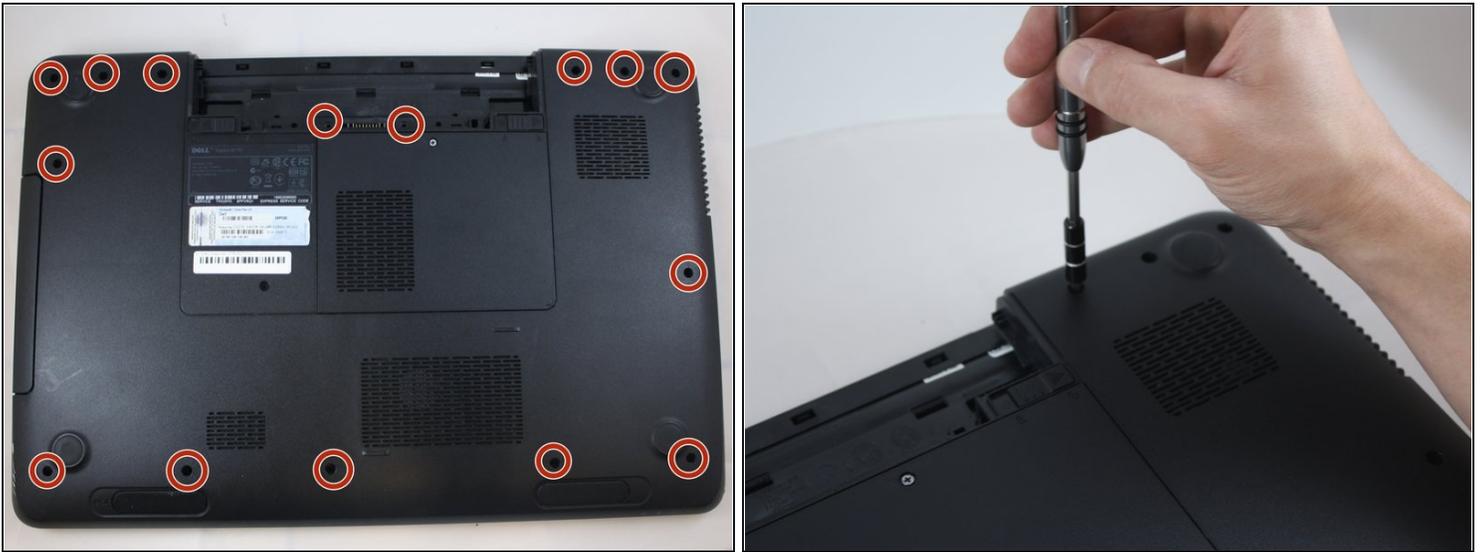
- Gently flip the keyboard over and lay it on the touchpad area.

Step 5



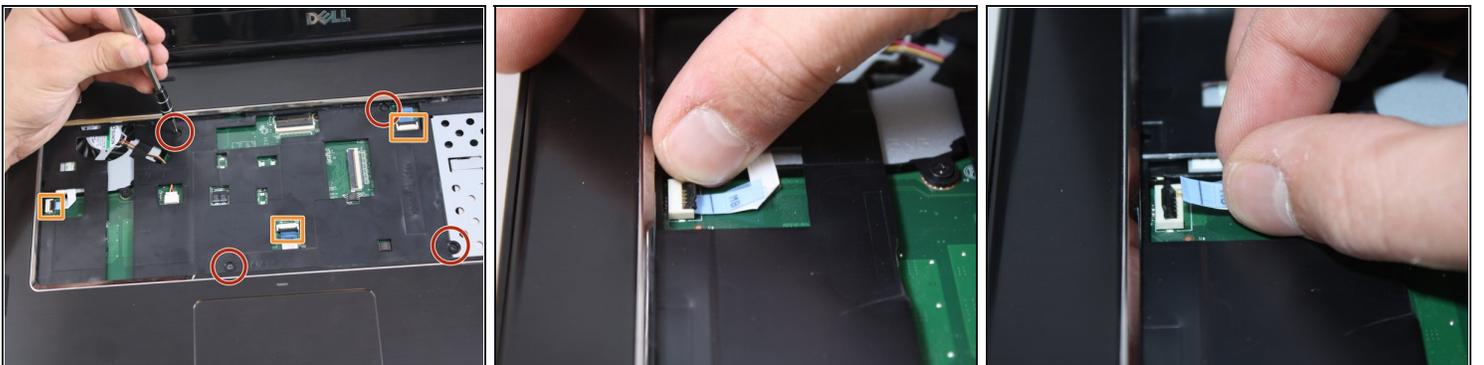
- Flip up the black flap where the keyboard cable connects to the motherboard
- Gently pull the cable away from the slot to release the keyboard.
- Remove the keyboard from the device.

Step 6 — Touchpad



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

Step 7



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

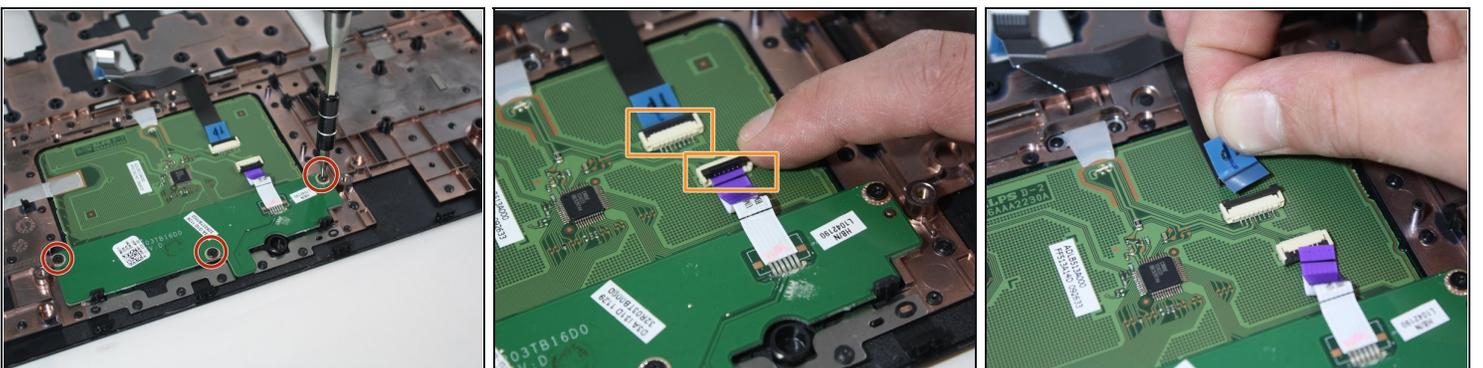
Step 8



⚠ 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.

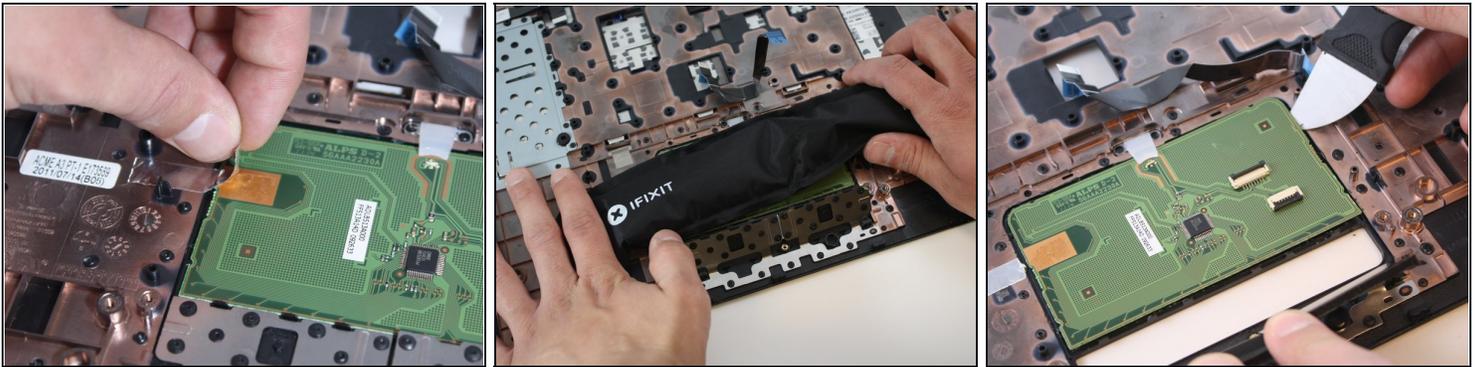
- Use a plastic opening tool to pry up the edges of the palmrest cover.
- Lift off the palmrest cover.
- Flip palmrest over to access the touchpad and buttons.

Step 9



- Use a Phillips #0 screwdriver to unscrew the three 4mm screws from the touchpad buttons on the back of the palmrest.
- Flip up the black flaps over the two cables pictured and pull the cables out.

Step 10



- Use your finger nail to lift up the silver tape.

⚠ The iOpener gets very hot. Use the tabs on each end of the iOpener to handle it when hot. Failure to do so may result in injury. Do not microwave iOpener for any longer than 30 seconds at a time.

- Use an iOpener to heat up the touch pad. Place the iOpener on the touch pad as pictured for one minute.
- Use a metal jimmy to gently pry up the touch pad sensor.
- If the touch pad sensor has not loosened enough to remove, repeat heating with the iOpener in one-minute intervals until the sensor can be removed.

⚠ Metal spudgers and similar prying tools can harm internal components like the touchpad sensor. 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.

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