



Dell XPS 17 L702X Keyboard Replacement

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TOOLS:

- [Spudger](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [iFixit Opening Tool](#) (1)

Step 1 — Battery



- ❗ Before you begin, be sure to turn off your laptop and unplug it from the outlet.
- Flip over the laptop so that the bottom battery compartment faces upwards.

Step 2



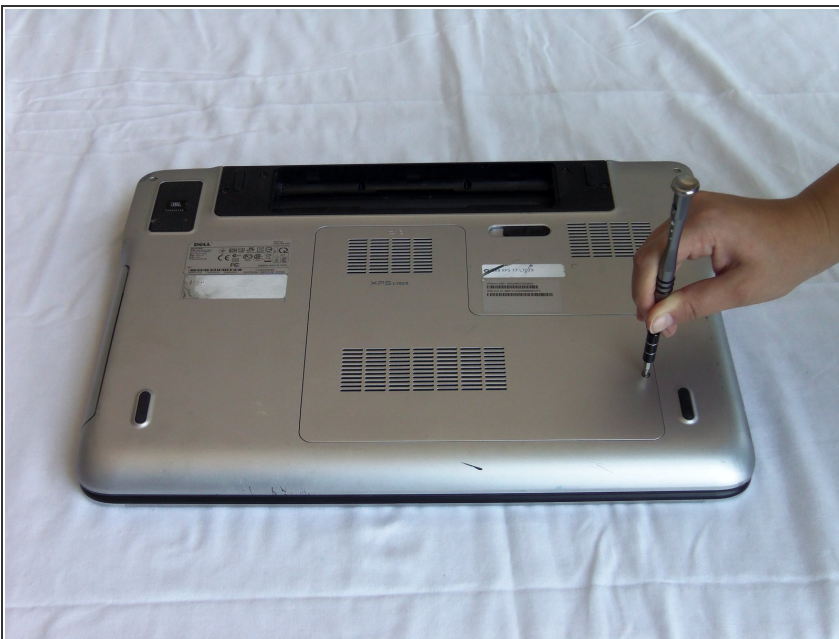
- Slide the tab below the battery to the left and hold the tab in place.

Step 3



- While holding the tab, lift the battery out of its compartment.
- Release the tab after removing the battery.

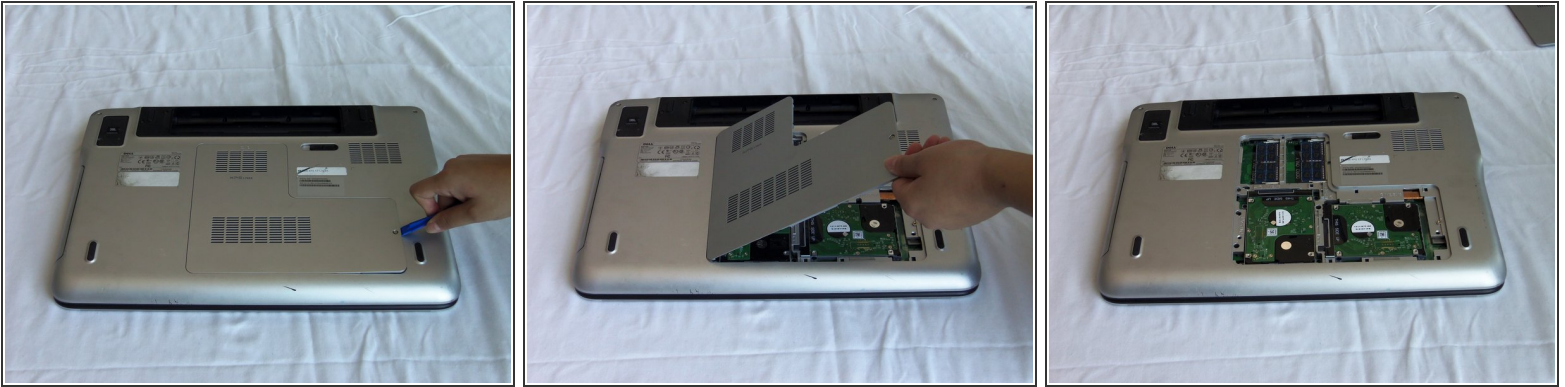
Step 4 — Hard Drive



- Loosen the module cover screw with a Phillips screwdriver.

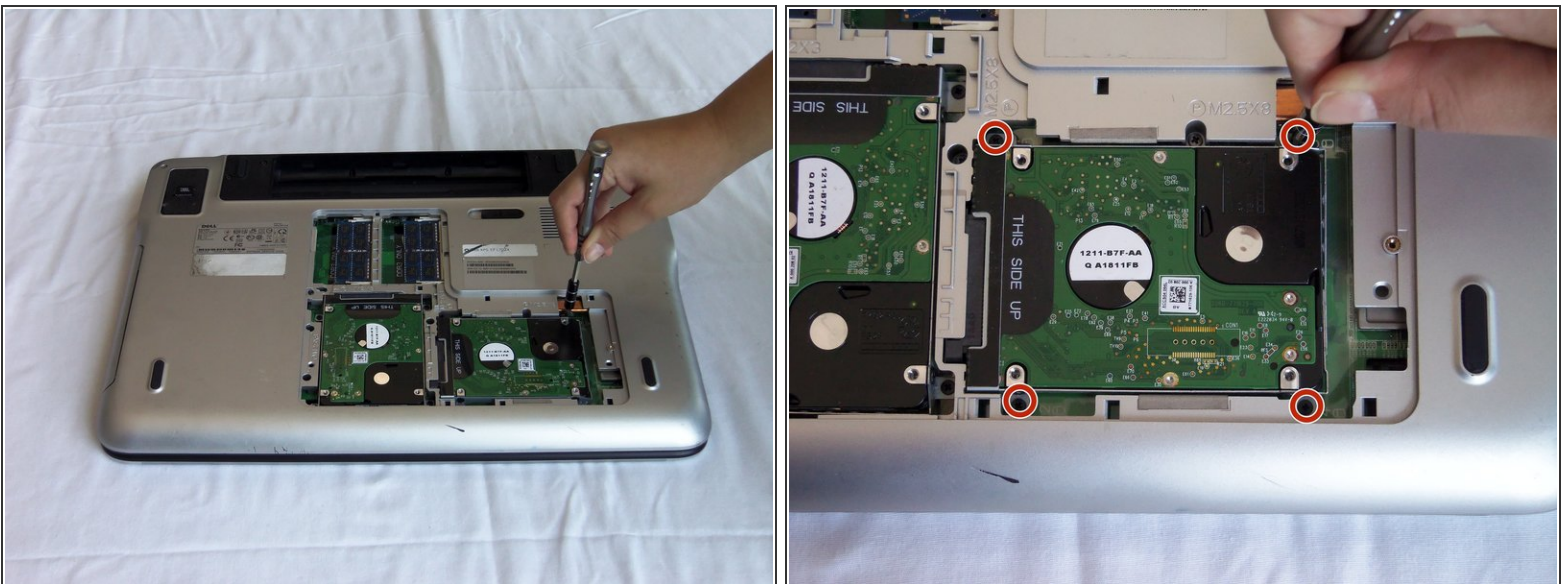
⚠ The screw is attached to the cover; do not force it out.

Step 5



- Lift the module cover by inserting a plastic opening tool into the crevice near the screw and lift upwards.

Step 6



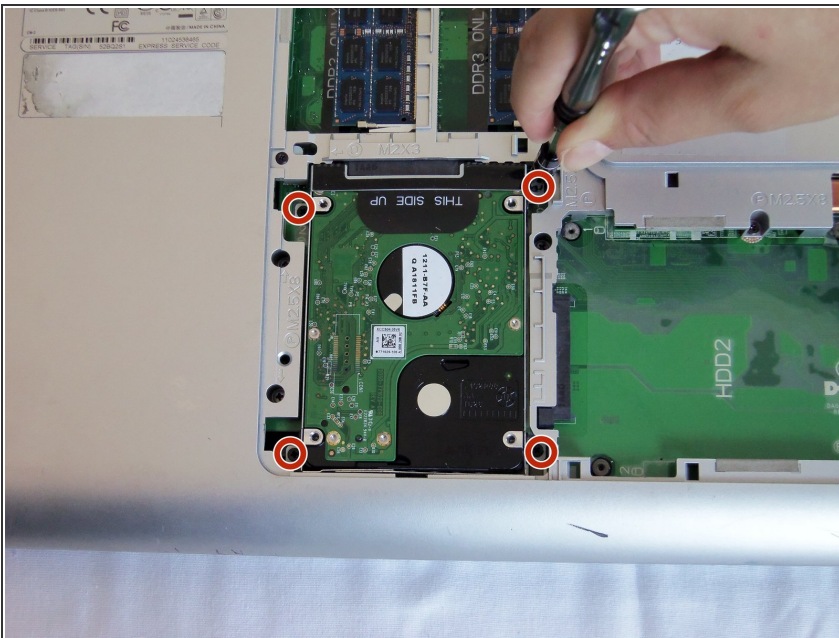
- Remove the four 4mm Phillips screws fastening the first hard drive.

Step 7



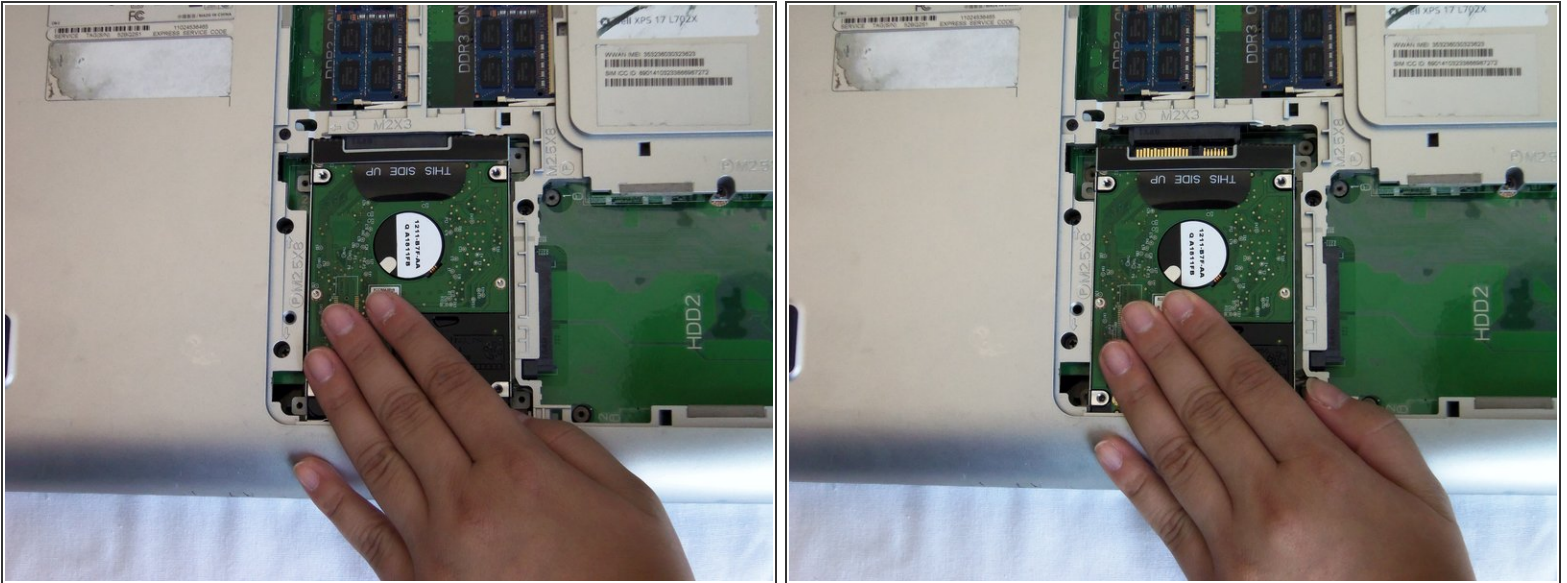
- Slide the hard drive with your hand towards the hole where the back panel assembly screw was located (in step 5) to disconnect it.
- Lift the hard drive up to remove it from the case.

Step 8



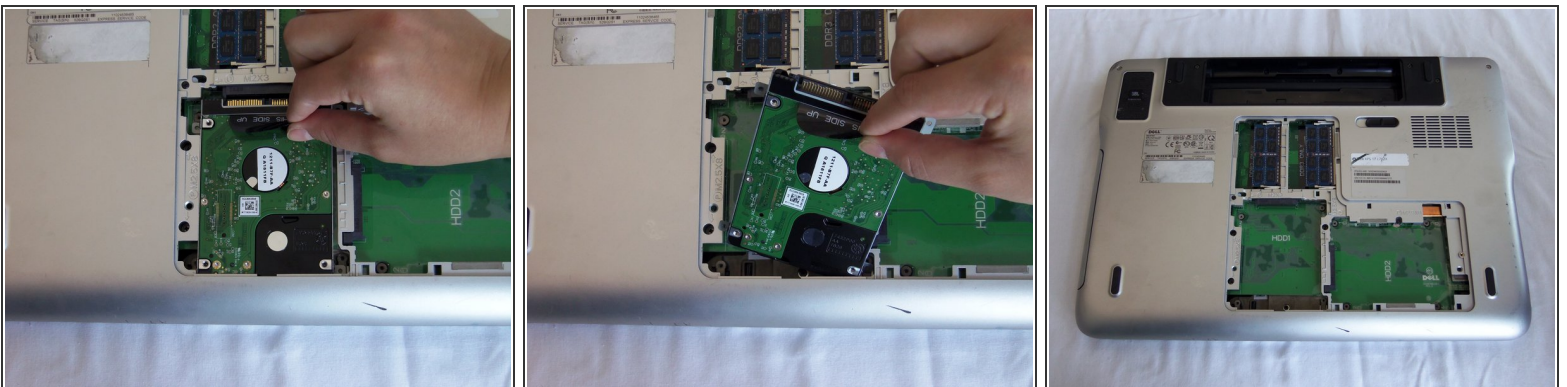
- Remove the four 4mm Phillips screws on the second hard drive.

Step 9



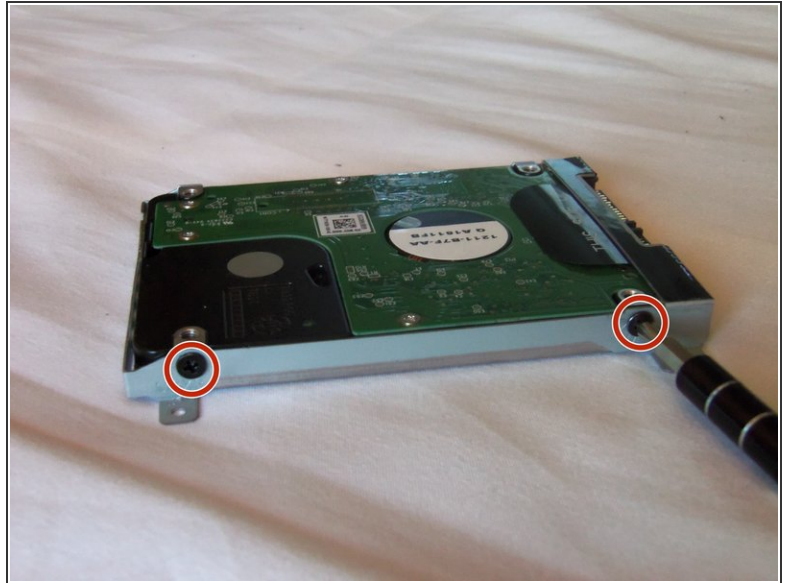
- Slide the hard drive towards the edge nearest you to disconnect it.


Step 10



- Using the tab that says "THIS SIDE UP," pull away from the laptop to remove the hard drive.

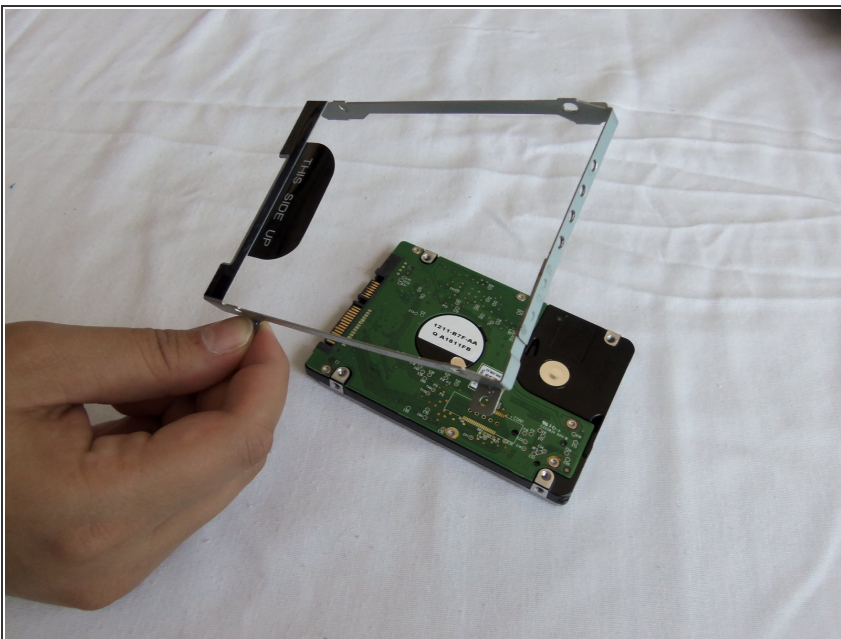
Step 11



 Repeat this step for each hard drive.

- Unscrew the two 4mm screws from each side of the hard drive casing with a Phillips screwdriver.

Step 12



- Remove the hard drive casing.

Step 13 — Palm Rest



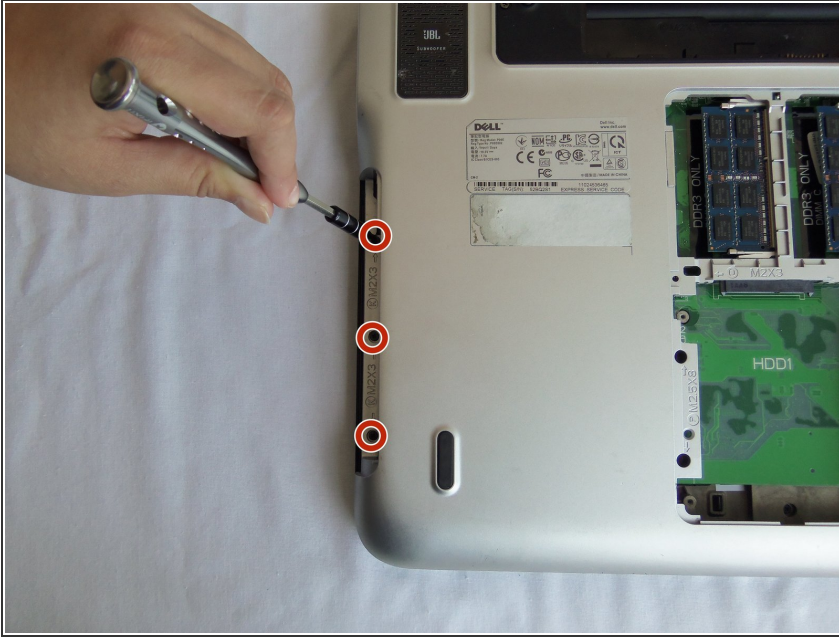
- Unscrew the screw holding the optical drive with a Phillips screwdriver.

Step 14



- Using a plastic opening tool, pull out the optical drive.

Step 15



- Unscrew three 4mm screws near the edge of the optical drive compartment with a Phillips screwdriver.

Step 16



- Open the laptop to about a 90 degree angle and place it on its side with the empty optical drive slot pointing upwards.

Step 17



- Push and hold the tab inside the optical drive's opening with your index finger.
- Insert a spudger between the black and silver plastic pieces that are above the tab and pry apart the two pieces.

Step 18

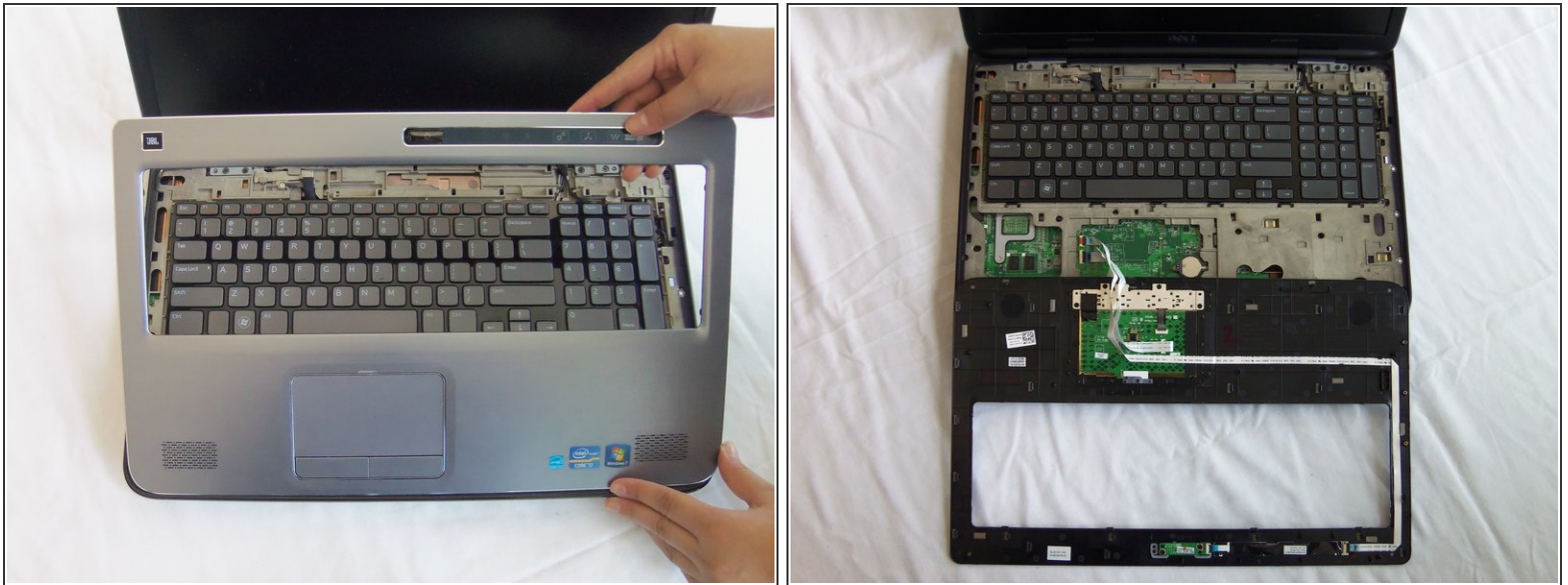


- Slide the spudger around the palm rest to release the clips.

i You may hear a crackling noise; this is normal.

⚠ Use caution when sliding below the mouse pad, as there are wires we must detach in the next steps.

Step 19



- Gently lift and rotate the palm rest panel until it's upside down as it is still connected by the mouse pad wires.

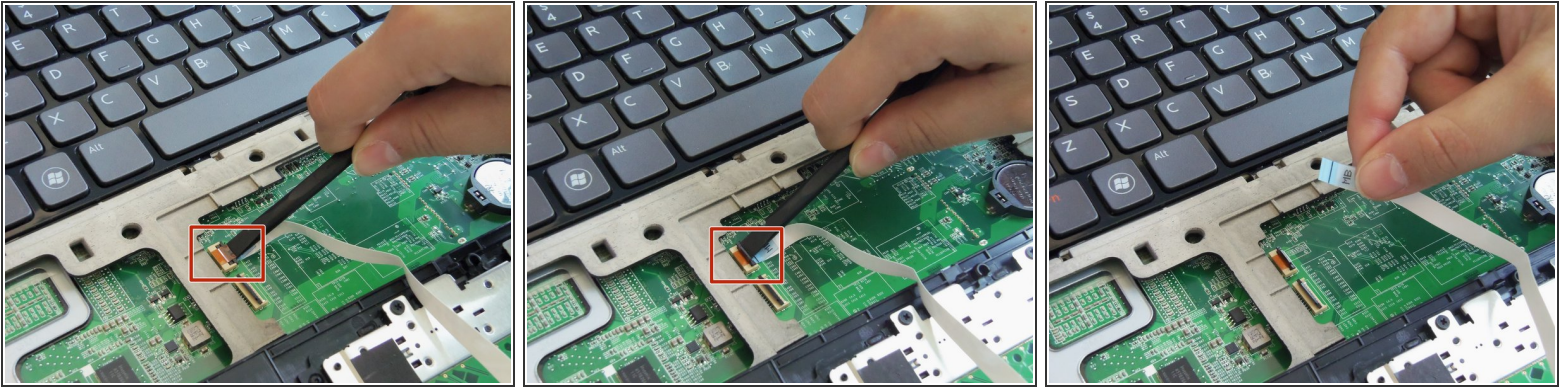
 The mouse pad wires are still connected to the palm rest panel.

Step 20



- Put the spudger below the black tab of the wider cable and push up to release.
- Gently pull out the cable.

Step 21



- Insert the spudger below the black tab of the remaining cable and push up to release.
- Gently pull out the cable.

Step 22



- Remove the palm rest from the laptop.

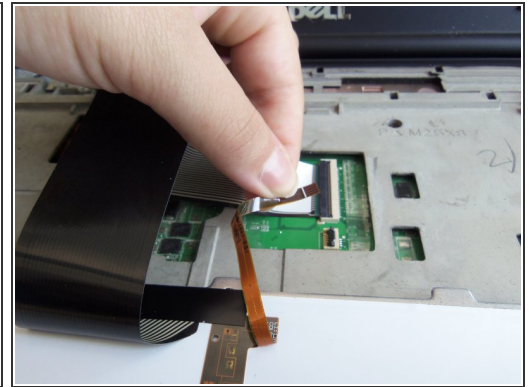
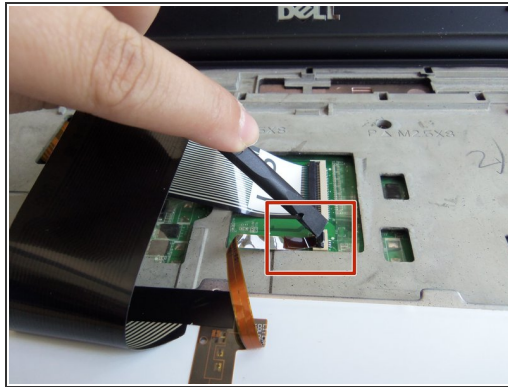
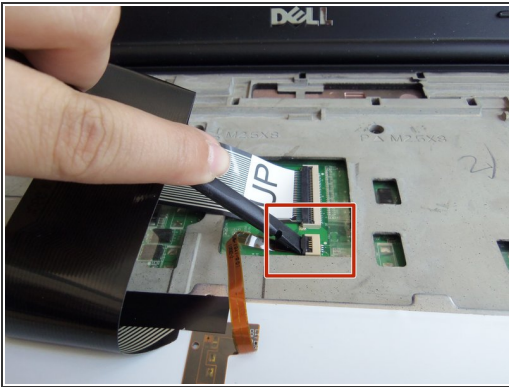
Step 23 — Keyboard



- Using the plastic opening tool, slightly lift and rotate the keyboard until it's upside down from the display side of the laptop.

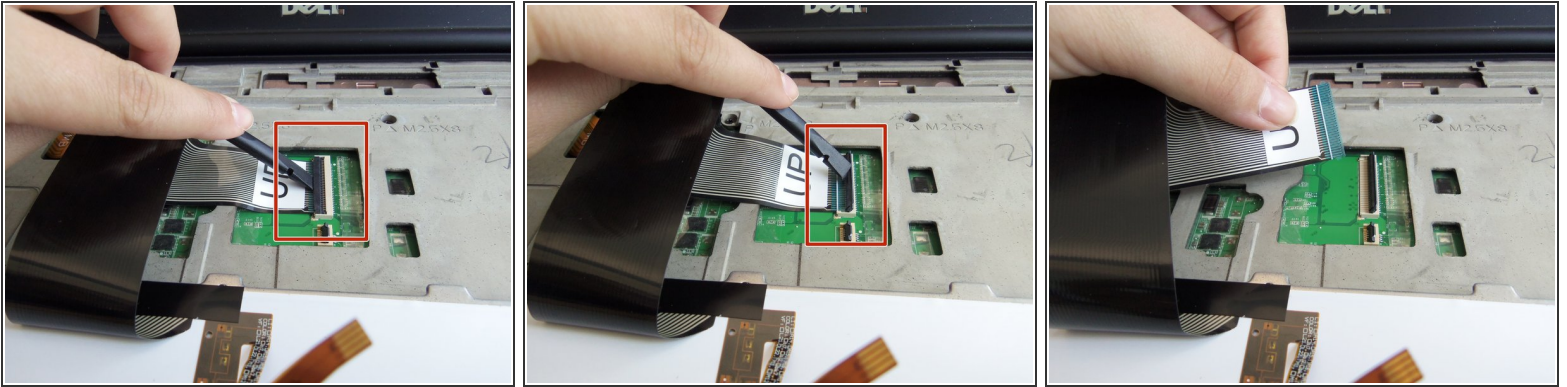
⚠ DO NOT lift the keyboard all the way up as there are wires that are still connected.

Step 24



- Gently insert the spudger below the edge of the black tab of the thin, copper colored cable and pry it open.
- Gently pull out the cable.

Step 25



- Gently insert the spudger under the edge of the black tab of the cable marked "UP" and pry it open.
- Gently pull out the cable.

Step 26



- Remove the keyboard from the laptop.

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