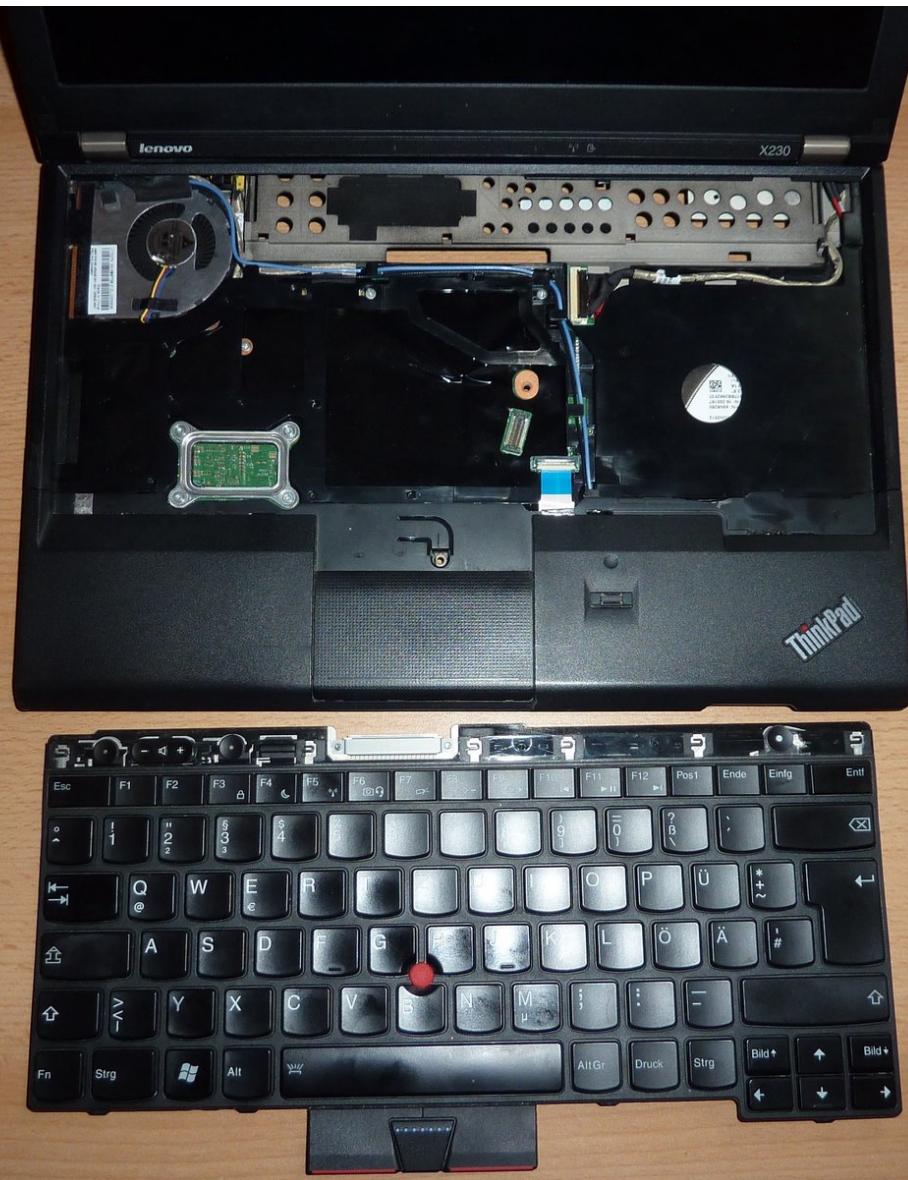




Lenovo Thinkpad x230 Keyboard Replacement

This guide will detail the steps necessary to remove the keyboard of a Lenovo Thinkpad x230 laptop.

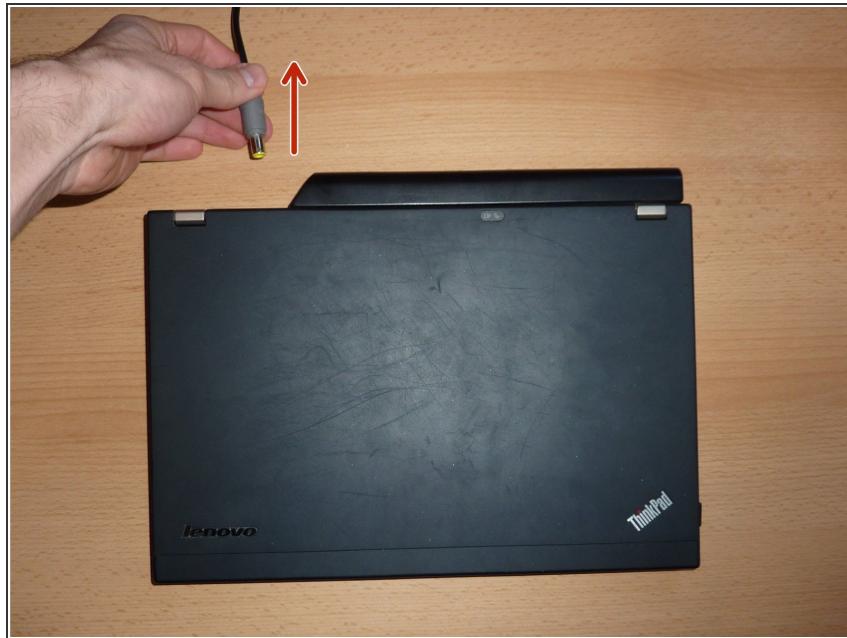
Written By: Johannes



 **TOOLS:**

- Essential Electronics Toolkit (1)

Step 1 — Preparations



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

⚠ Failure to unplug the cable could result in electric shock.

Step 2 — Locate the battery



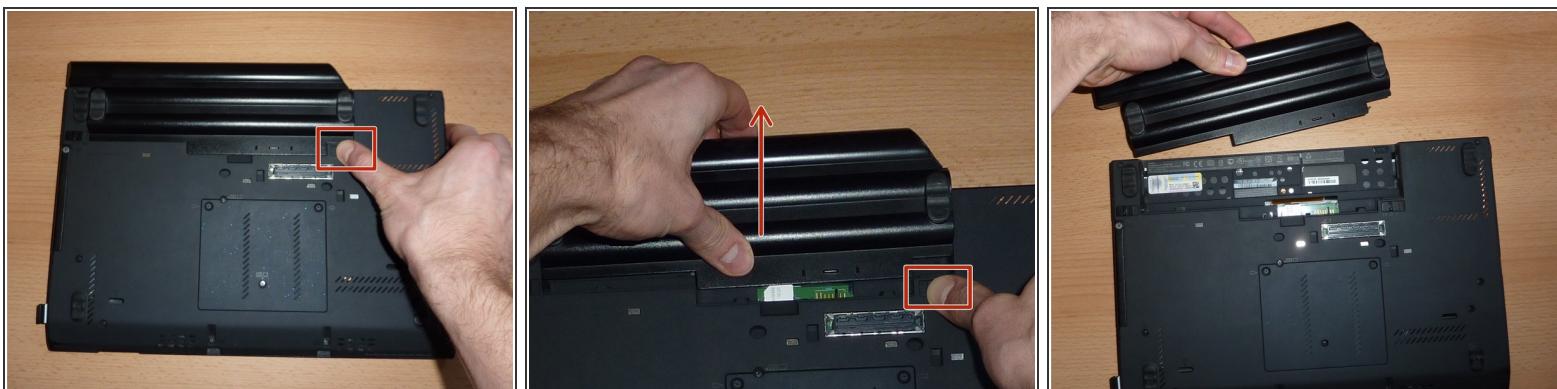
- Flip the computer upside down.
- The red rectangle shows the location of the battery.

Step 3 — Unlock the left switch



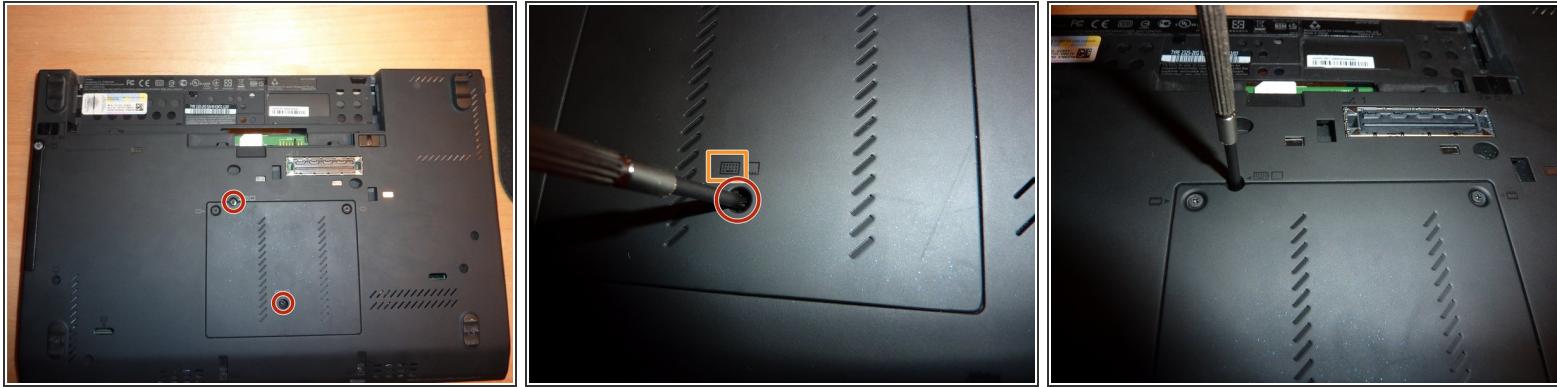
- Locate the two switches that lock the battery. Push the left-hand switch outward into the "unlocked" position.

Step 4 — Remove the battery



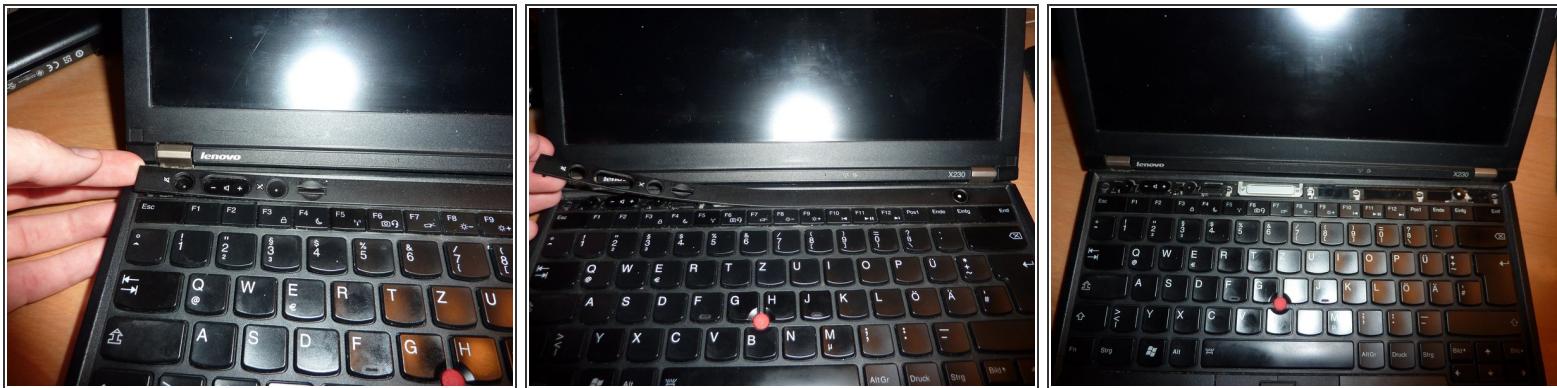
- Now push and hold the right clip to the right while using your other hand to gently slide the battery away from the computer.

Step 5 — remove screws



- ⓘ There are 2 screws securing the keyboard. You can identify them by a small keyboard symbol (marked by an orange rectangle in the second picture).
- Once you have located the two screws, remove them with a small Phillips screwdriver.

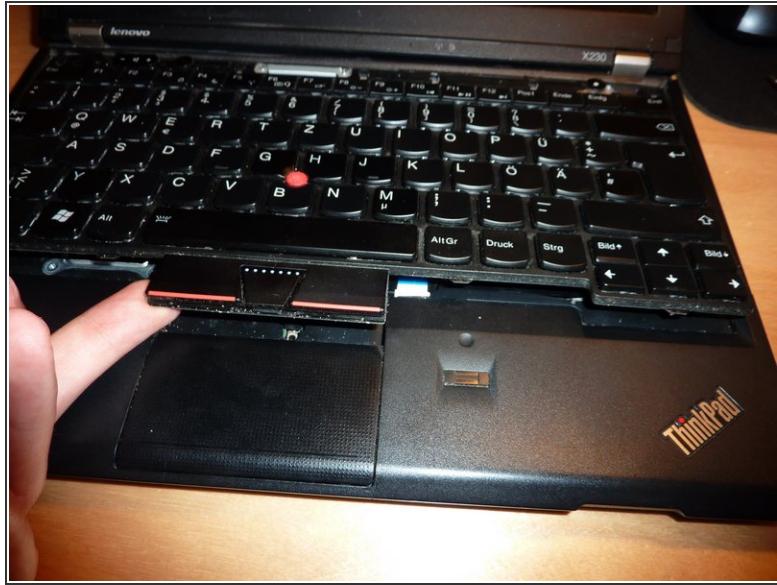
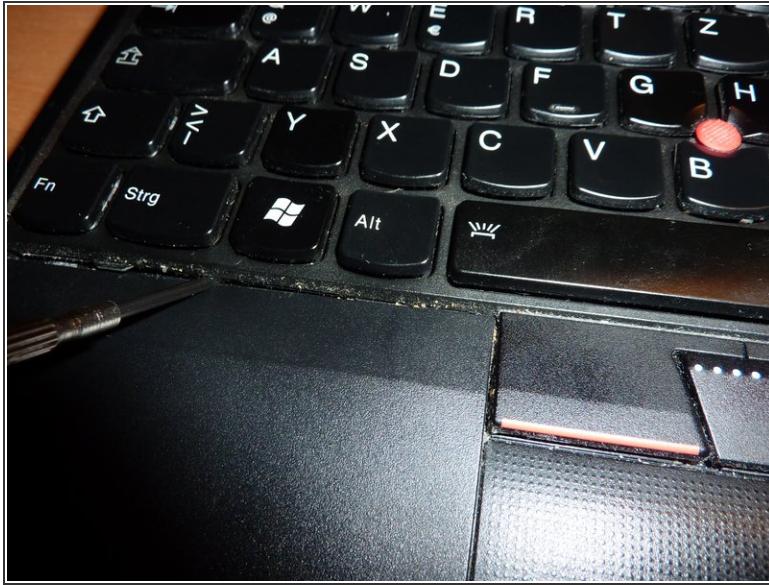
Step 6 — remove strip above keyboard



⚠ This step is not required.

- Gently pull the strip out from the case.

Step 7 — pop keyboard out of the casing



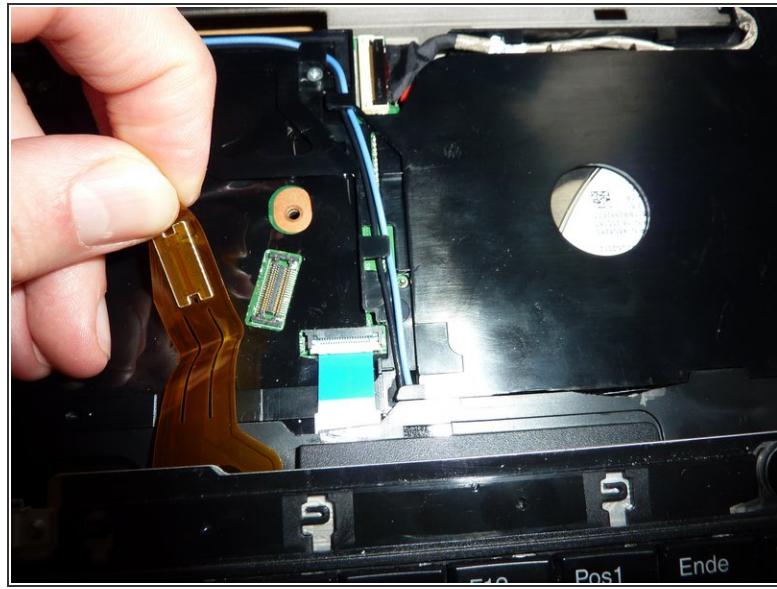
- Use a a plastic spudger (or a flat screwdriver) to push the keyboard towards the screen. This will pop the bottom of the keyboard out of the casing.

Step 8 — lift keyboard



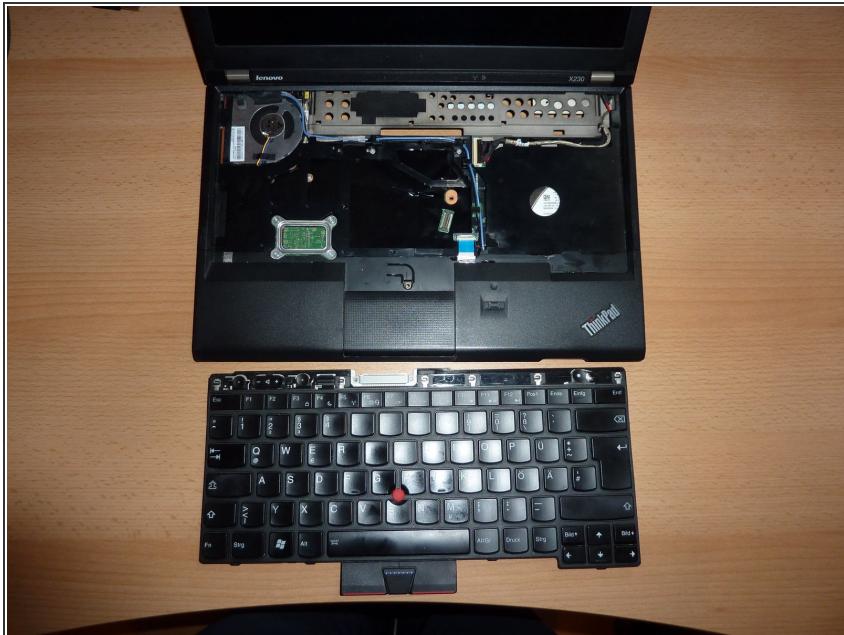
- Carefully lift the keyboard so that you can access its connector.

Step 9 — Unplug keyboard



- Carefully unplug the connector by pulling.

Step 10 — done



- You are done - the keyboard is not connected to the laptop any more and can be replaced.

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