



Lenovo ThinkPad X1 Carbon 7th Gen Track Pad Replacement

How to remove and reinstall the trackpad for the Lenovo ThinkPad X1 7th Gen computer.

Written By: Oliver Parker



INTRODUCTION

This guide will teach you how to remove the trackpad, the component used to move the cursor, for the Lenovo Thinkpad X1 Carbon 7th Gen computer.

Often when a computer is getting older the trackpad will start to deteriorate , [see our trouble shooting page](#), making basic computer functions much more difficult. This guide will teach you how to uninstall and reinstall a new trackpad into your computer.

Make sure your computer is unplugged and powered off before attempting any repairs.



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
 - [1 x Opening Picks](#) (1)
-

Step 1 — Back Panel



⚠ You MUST go to BIOS settings (F1 on startup) and disable the built-in battery. Disconnect laptop from power source to avoid electric shocks.

- Flip the laptop over on a flat surface with the back panel facing up.
- Remove five 5mm Phillips #0 screws from the edge of the back panel.
- Insert an opening tool between the back panel and edge. Maneuver the tool around the panel, disconnecting the clips holding the panel in place.

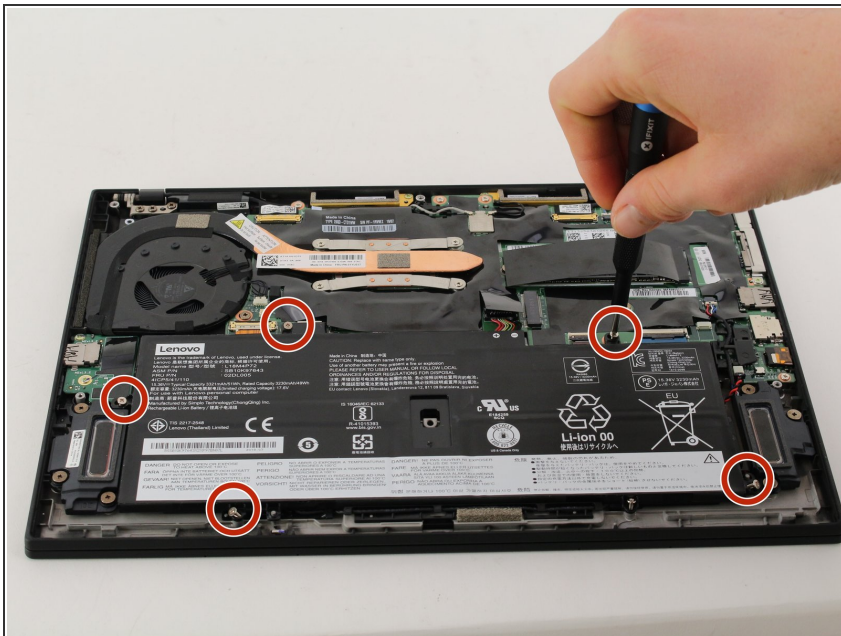
Step 2



- Lift the back panel away from the device, exposing the internals.

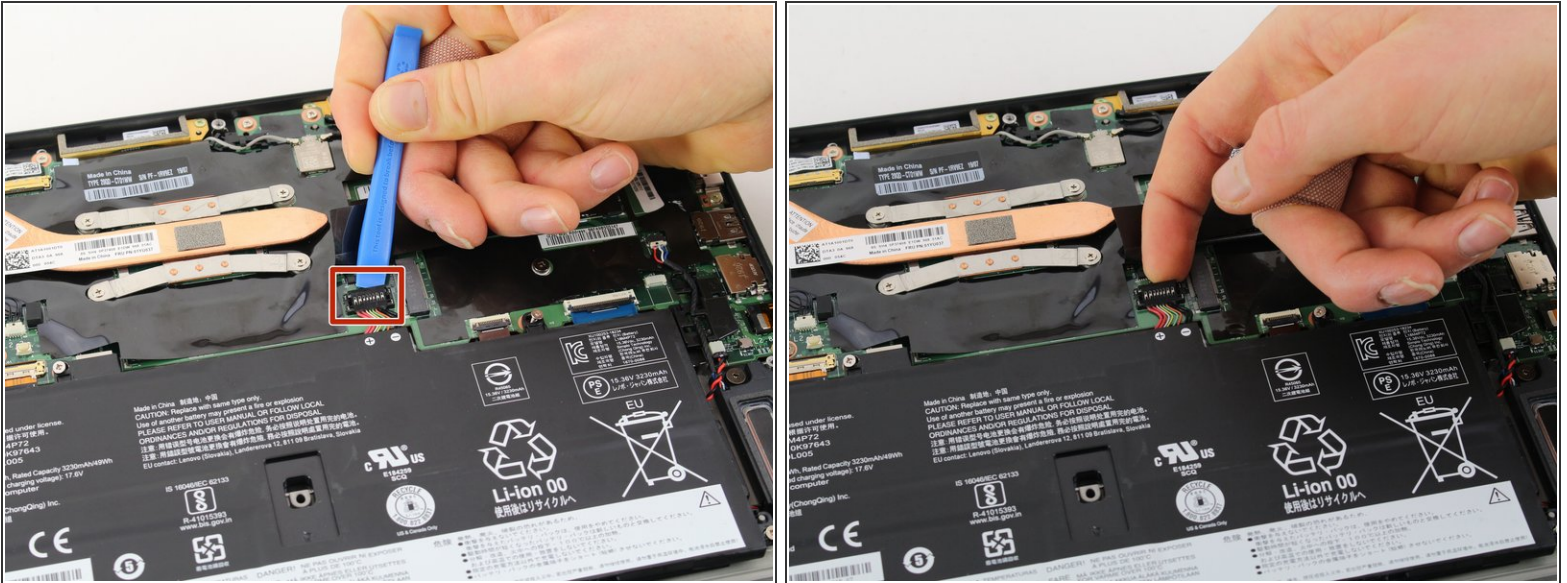
☑ When reassembling, prioritize the tabs on the side that does not have any screws. This ensures that the tabs do not break.

Step 3 — Battery



- Remove five 5mm Phillips #0 screws from the edges of the battery.

Step 4



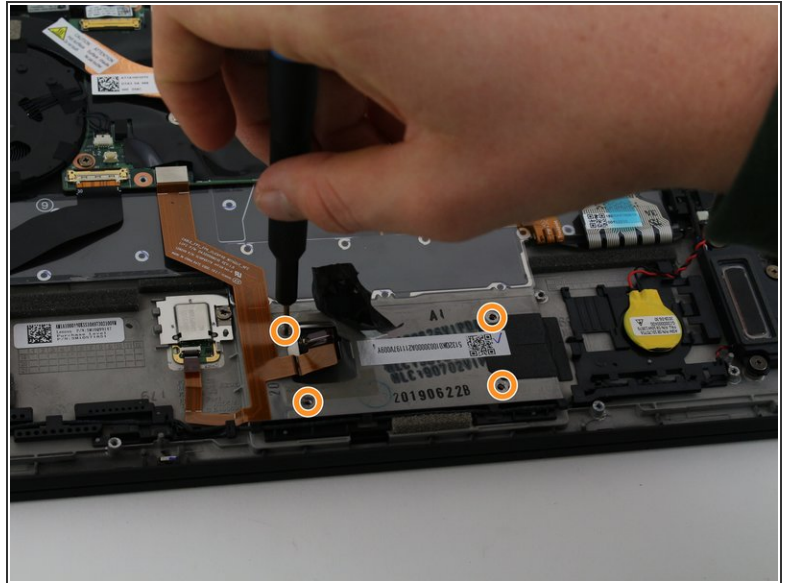
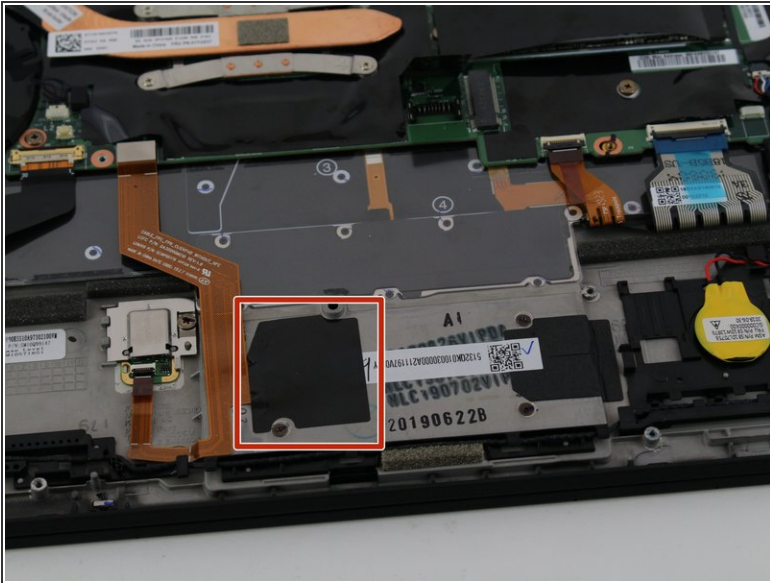
- Remove the connector between the battery and the motherboard by using an opening tool to initially lift the back end of the connector up.
- ⚠ Avoid metal tweezers to remove the connector as metal to metal contact can damage the device.

Step 5



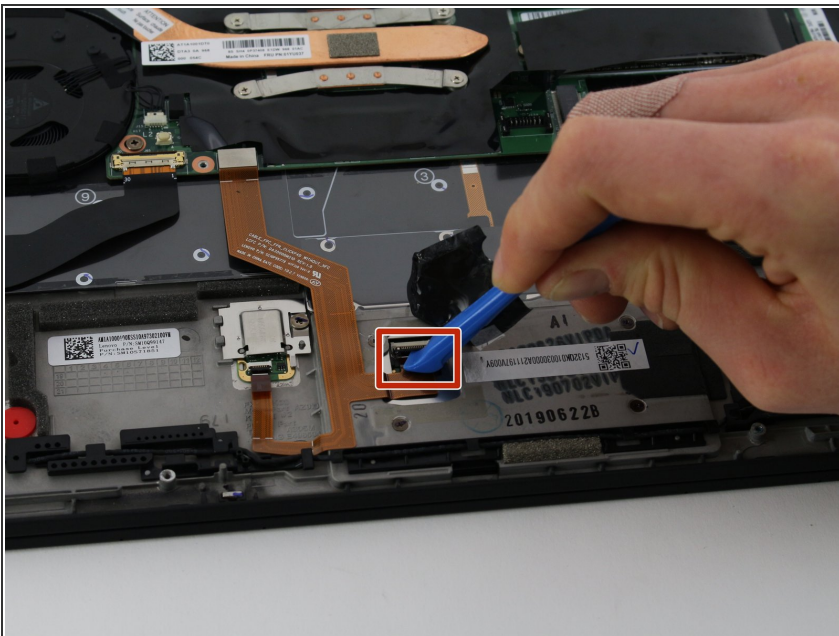
- Lift the battery straight up and out of device.

Step 6 — Track Pad



- Peel back the black adhesive tape covering the ribbon cable connecting the trackpad and fingerprint scanner to the motherboard.
- Remove the four 2mm screws securing the trackpad with a Phillips #000 screwdriver.

Step 7



- Use an opening tool to lift up the connector ribbon lock and pull the connector ribbon out allowing the track pad to be removed.

Step 8



- Flip the laptop over and open it.
- Use an opening pick to carefully lift the trackpad out.

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