



Lenovo ThinkPad X1 Carbon 7th Gen Track Pad Replacement

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

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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.

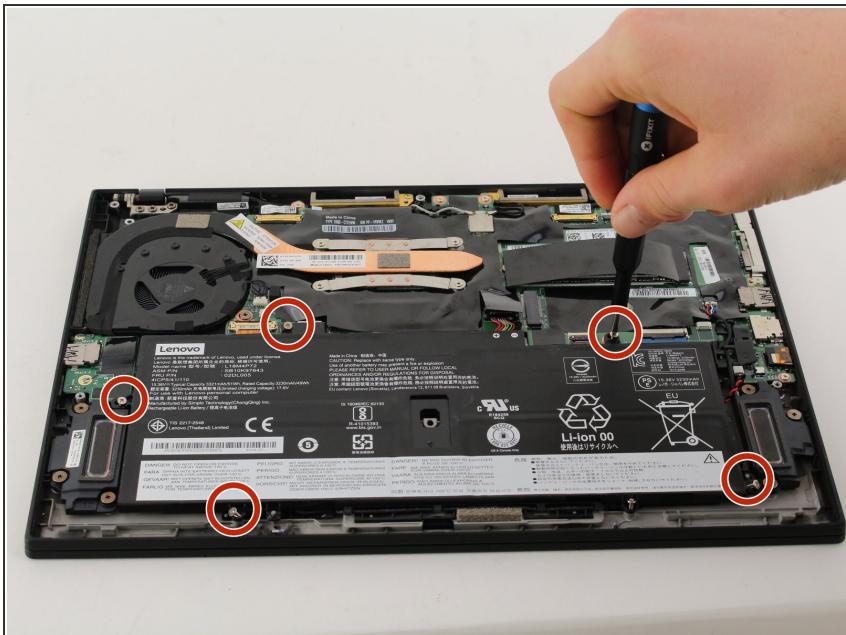
Step 2



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

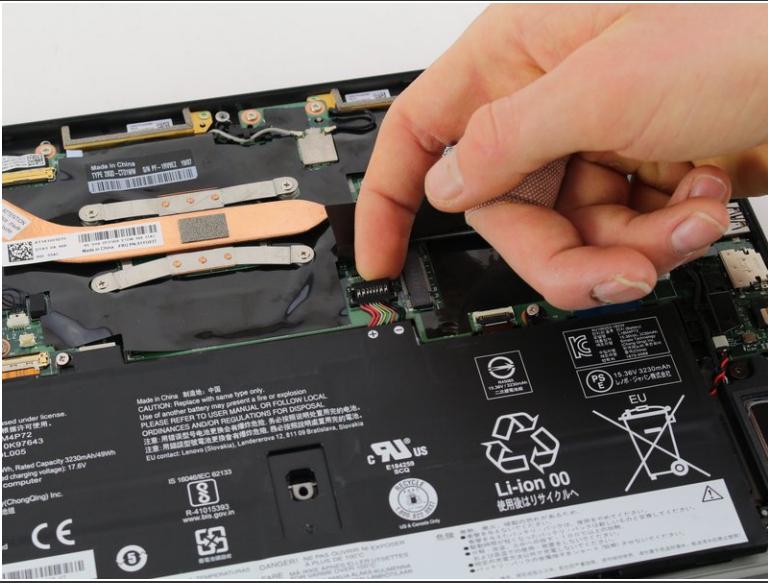
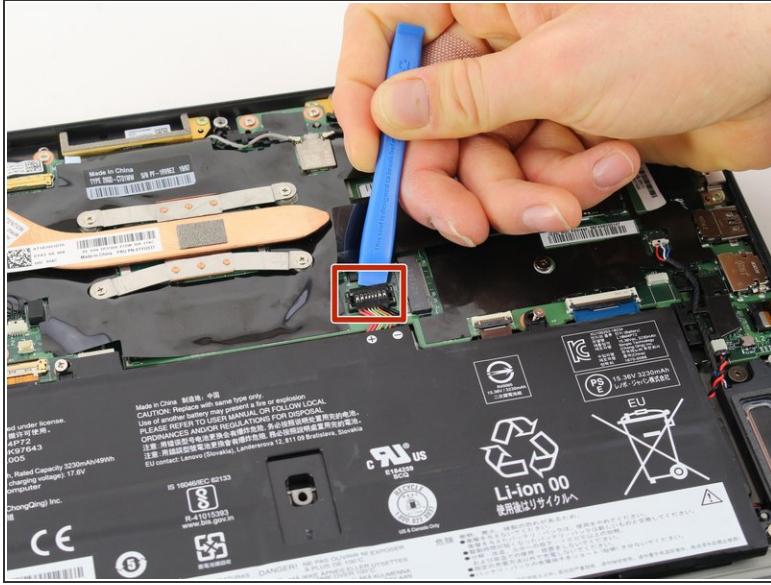
- ★ When reassembling, prioritize the tabs on the side that does not have any screws. This ensures that the tabs do not break.

Step 3 — Battery



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

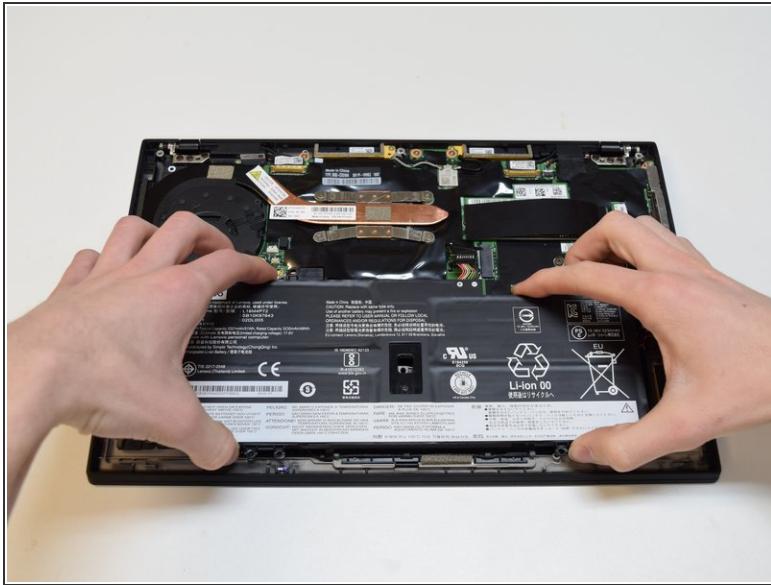
Step 4



- Remove the connector between the battery and the motherboard by using an opening tool to initially lift the back end of the connector up.

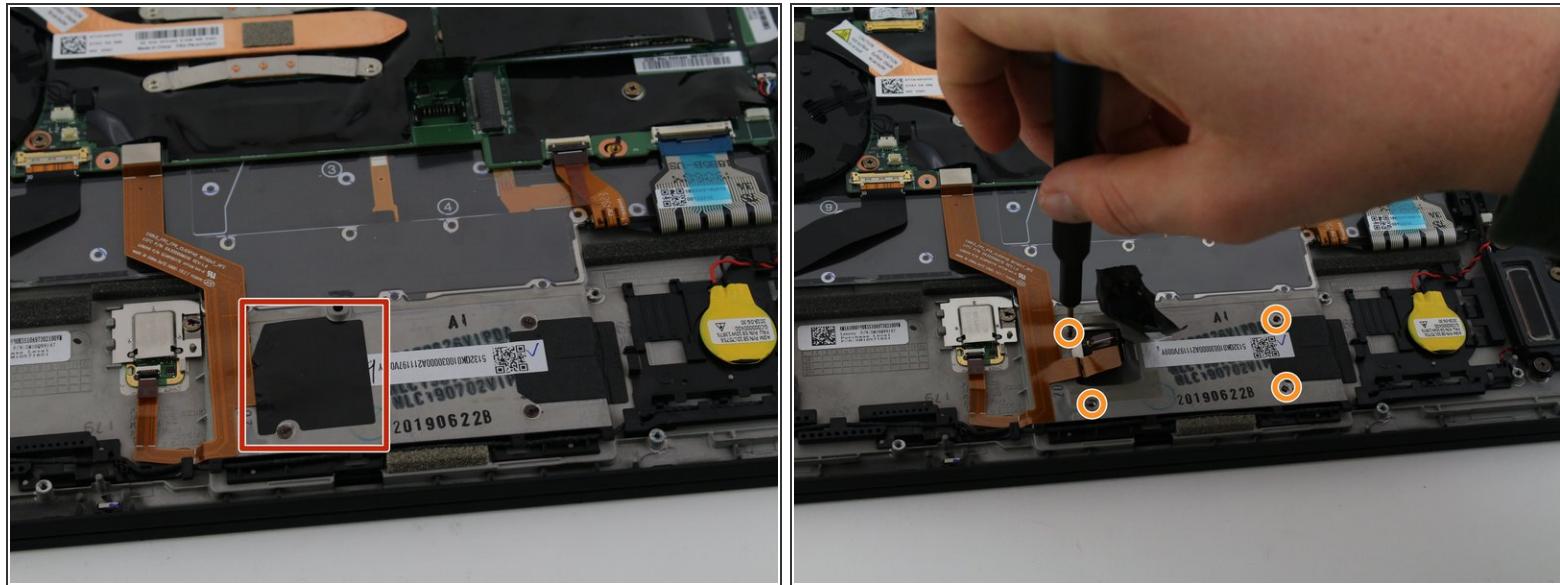
⚠ Avoid metal tweezers to remove the connector as metal to metal contact can damage the device.

Step 5



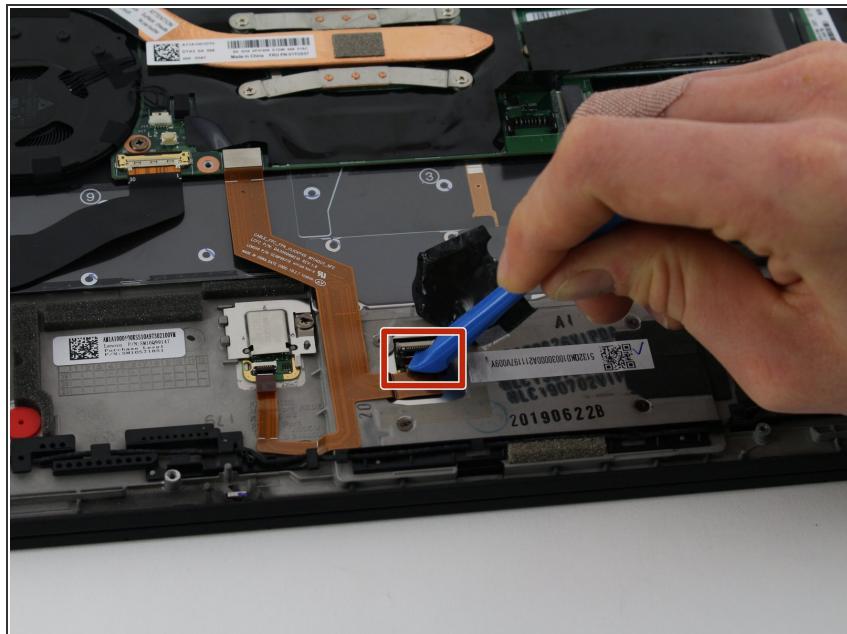
- Lift the battery straight up and out of device.

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.