IFIXIT

Lenovo ThinkPad X1 Yoga 2nd Generation Touch ID Replacement

If your touch ID no longer functions you may...

Written By: Alex Shacoski

This document was generated on 2023-04-05 10:36:19 PM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 1 of 10

INTRODUCTION

If your touch ID no longer functions you may have a faulty touch ID. To determine if you need to replace the touch ID, follow the steps in this guide to access the ribbon cable. If the ribbon cable is disconnected, reconnect the cable. If the touch ID still fails to read your fingerprint, replace it using this guide. Ensure you are replacing the touch ID with Lenovo ThinkPad X1 Yoga 2nd Generation's Touch ID part. This guide is not particularly difficult, but take care when removing parts such as the ribbon cable to avoid damage.

TOOLS:

- Tweezers - Pro/ESD/Angled (1)
- Metal Spudger (1)
- Phillips #0 Screwdriver (1)
- Nylon-Tip Reverse Tweezers (1)

This document was generated on 2023-04-05 10:36:19 PM (MST).

Step 1 — Back Cover

⚠️ Ensure the laptop is powered off and the charging cable is disconnected before opening the back cover.
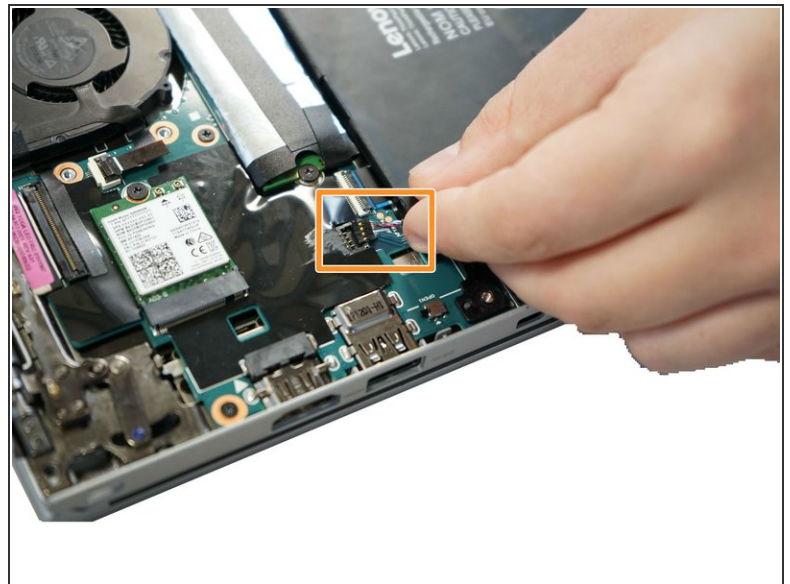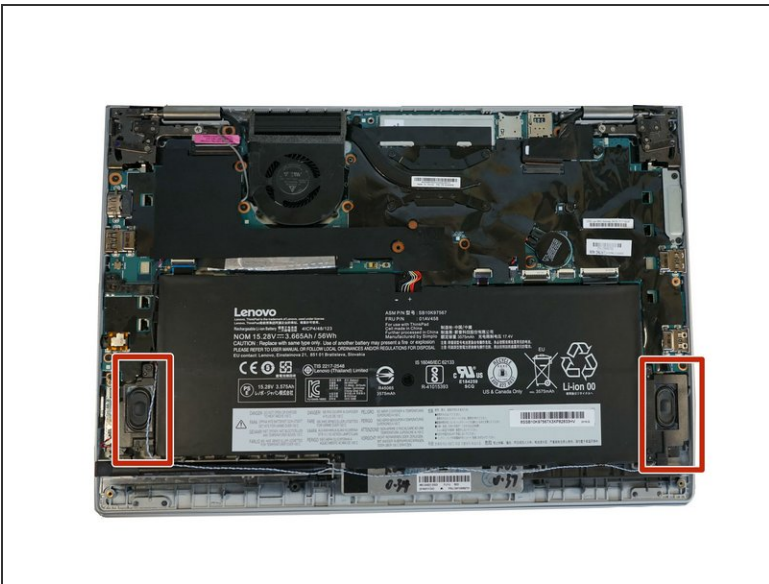
● Flip over the laptop to access the back cover.

Step 2

● Use a Phillips #0 screwdriver to remove the eight 8 mm screws.

This document was generated on 2023-04-05 10:36:19 PM (MST).
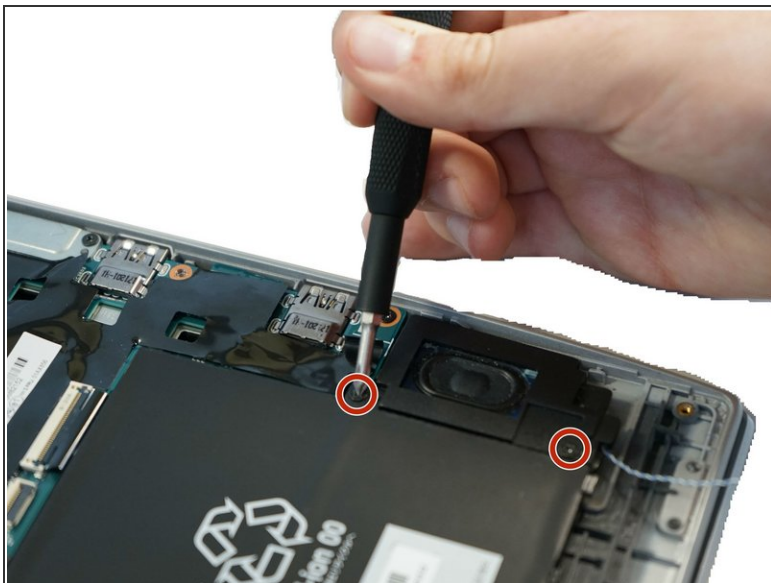
www.iFixit.com

Step 3

- Remove the back cover.
  - (i) A popping sound may occur when the back cover is removed.

Step 4 — Speakers

- Follow the ribbon cable that runs from the left speaker to the motherboard.

- Pull the black connector up and release the cable wire by hand.

- (i) If needed, pull this connector up using the Pro/ESD/Angled tweezers.

This document was generated on 2023-04-05 10:36:19 PM (MST).

Step 5

- Remove two 6 mm Phillips #0 screws from each speaker.

Step 6

- Use your fingers to remove the speakers from the device.

This document was generated on 2023-04-05 10:36:19 PM (MST).

Step 7 — Battery

- Use a spudger to pop the ribbon cable that runs from the upper-middle portion of the battery to the motherboard out of the motherboard.
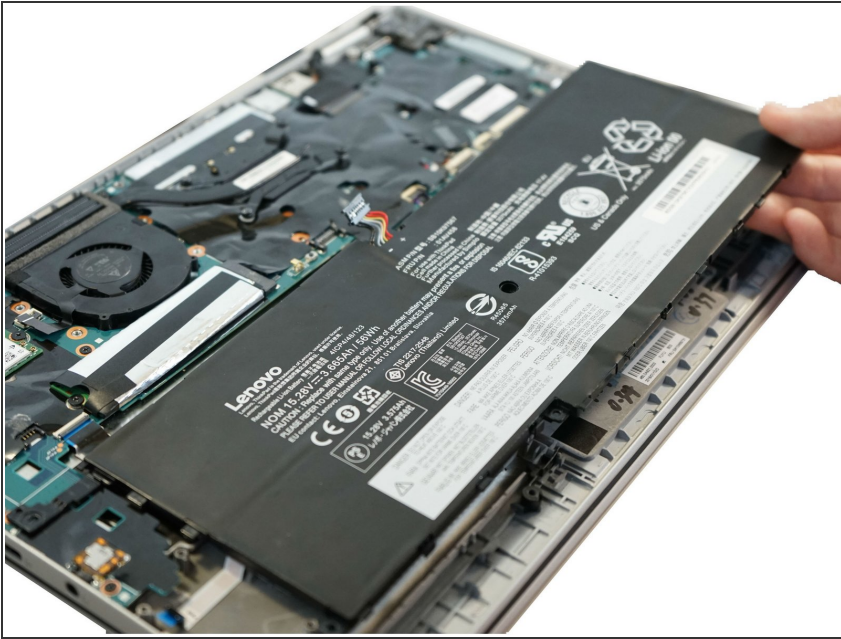
- ⚠️ Do not use a metal spudger as indicated in the photos. The metal spudger should only be used for serious prying power. If it's used on the internal components of a device, it may puncture or damage the components in your device.
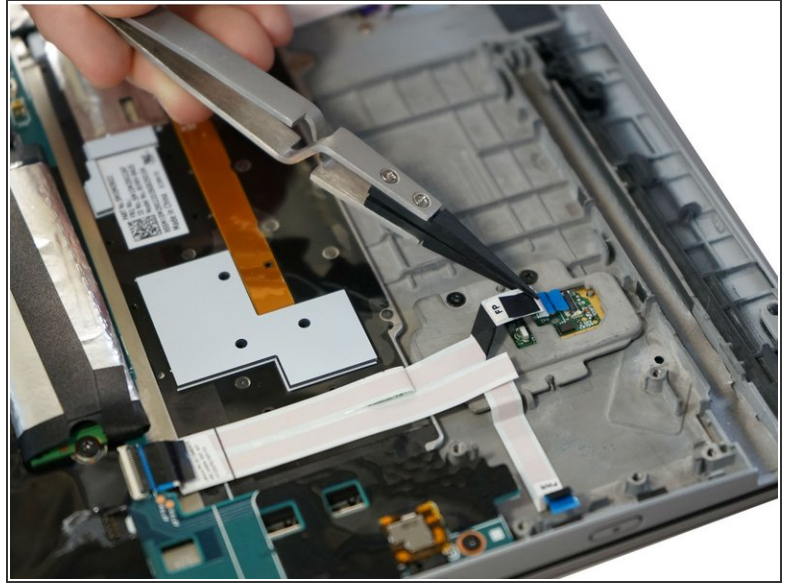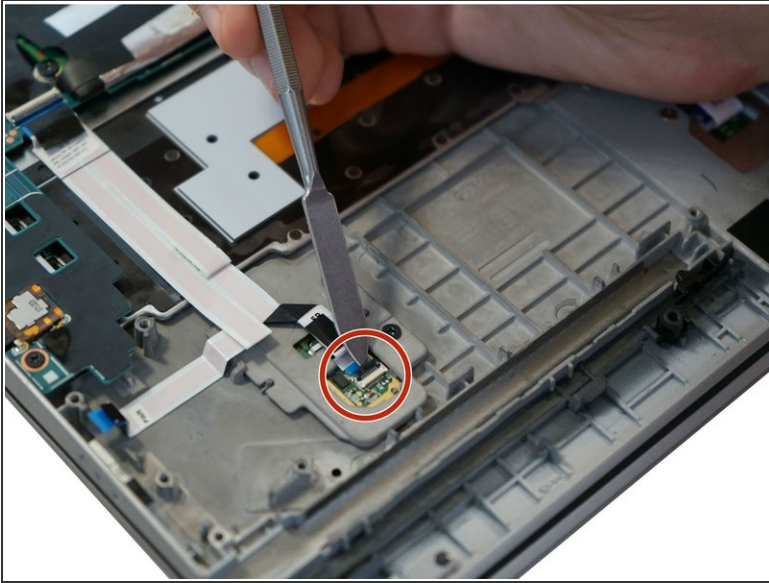
Step 8

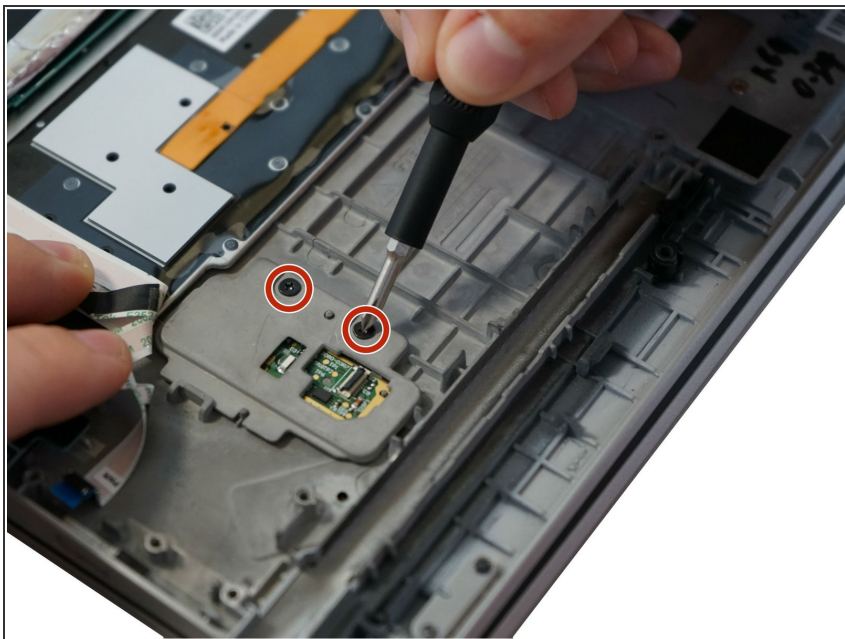- Use a Phillips #0 screwdriver to remove one 6 mm screw from the bottom-middle portion of the battery.

www.iFixit.com

Step 9

- Remove the battery.

     www.iFixit.com
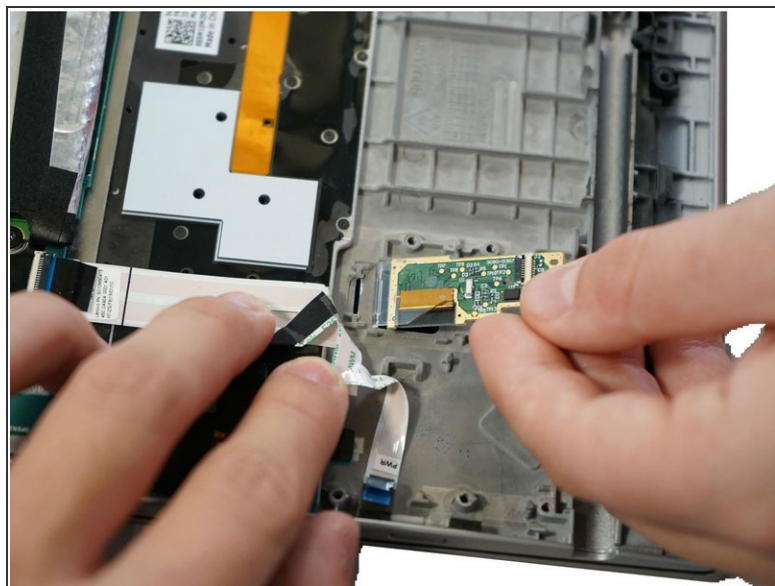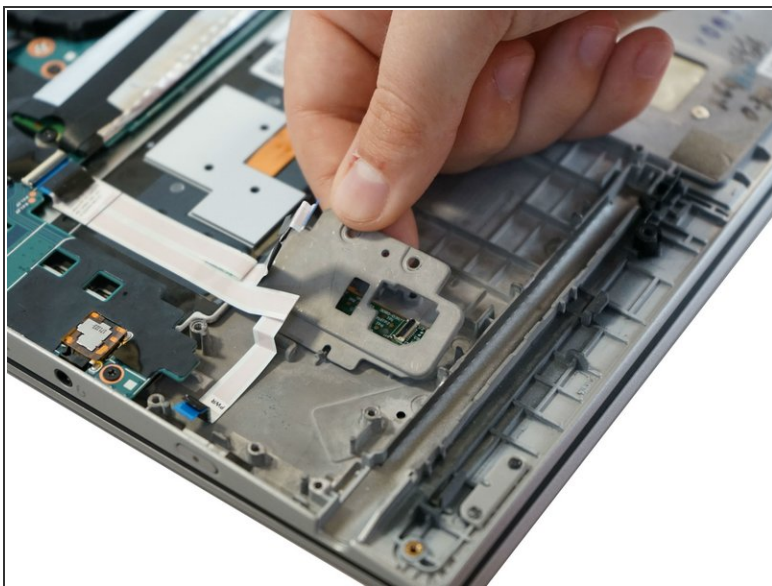
Step 10 — Touch ID

- Use a metal spudger to lift the tab containing the black ribbon cable.

- ⚠ Do not use the metal spudger unless if it's used for serious prying power. The metal spudger may damage or puncture the internal components in the device, so please use the plastic opening tools or the nylon spudger instead.

- Use nylon-tipped reverse tweezers to slowly pull out the ribbon cable.

This document was generated on 2023-04-05 10:36:19 PM (MST).

Step 11

- Remove two 4 mm screws using the Phillips #0 screwdriver.

Step 12

- Remove the gray covering from the Touch ID.

- Remove the Touch ID chip from the device.

This document was generated on 2023-04-05 10:36:19 PM (MST).

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

This document was generated on 2023-04-05 10:36:19 PM (MST).