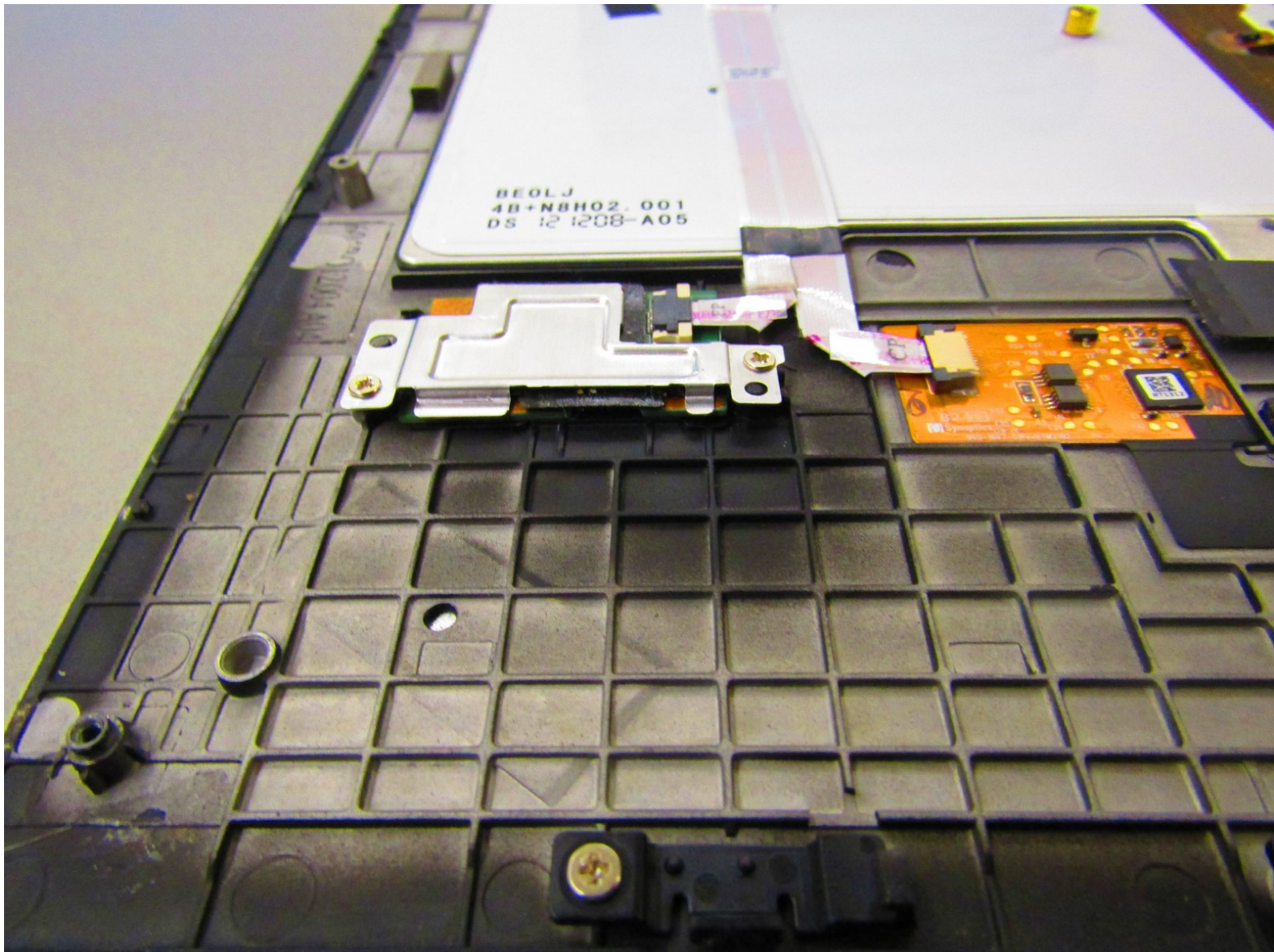# ThinkPad X1 Carbon Fingerprint Reader Replacement

This guide will show the replacement of the Fingerprint Reader.

Written By: Kirby Raines

# INTRODUCTION

This guide will help individuals replace the fingerprint reader for the first generation ThinkPad X1 Carbon. It is highly recommended to have the replacement reader ready for installation prior to opening the device.
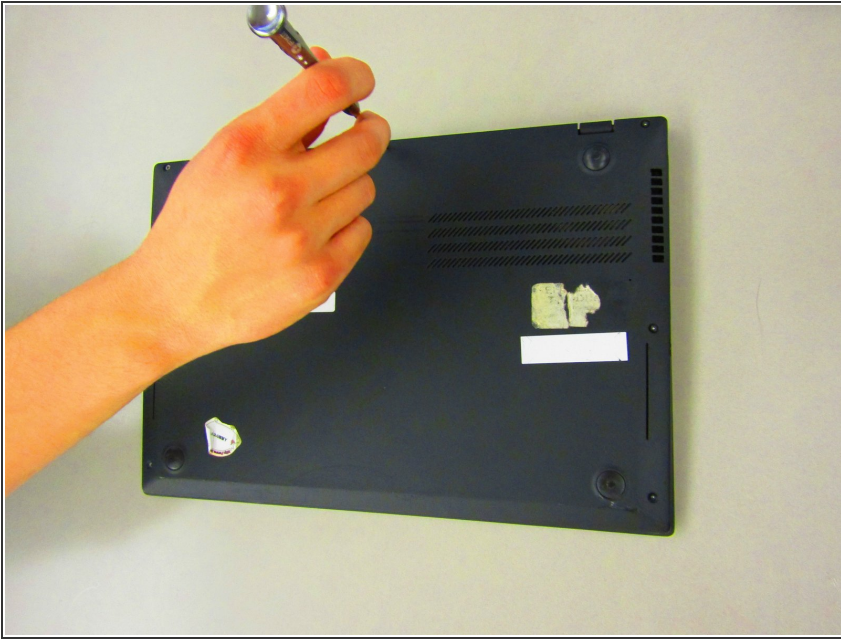
## TOOLS:

- Phillips #0 Screwdriver (1)
- iFixit Opening Tools (1)
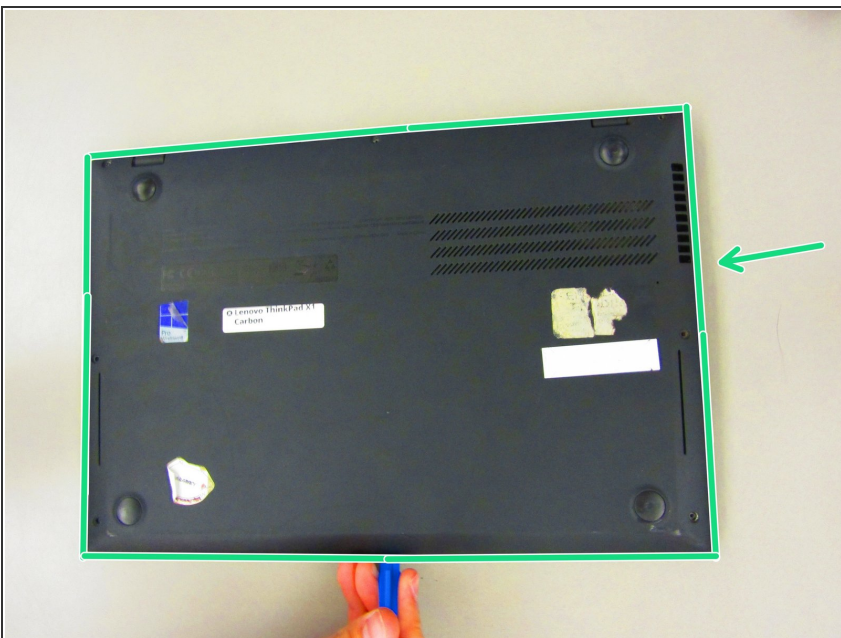
## PARTS:

- ThinkPad X1 Carbon Fingerprint Reader (1)
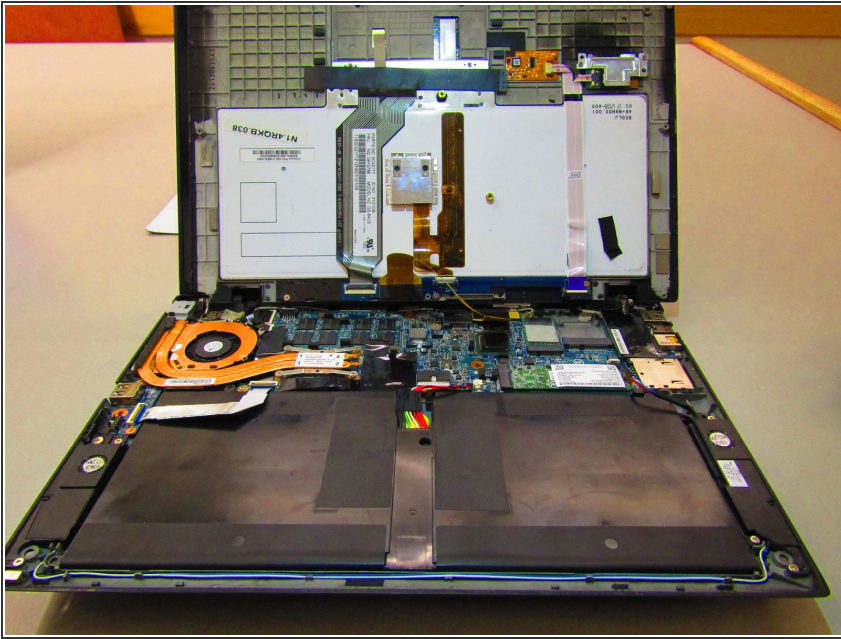
## Step 1 — Fingerprint Reader



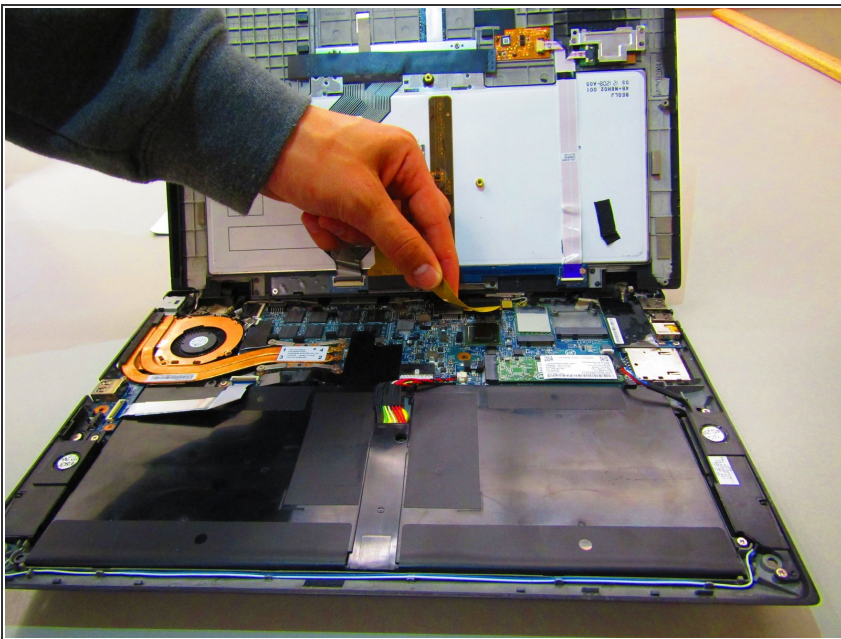- Unscrew the seven screws located on the back of the device.

## Step 2



- Slide the plastic opening tool along the edge of the device to separate the keyboard tray.

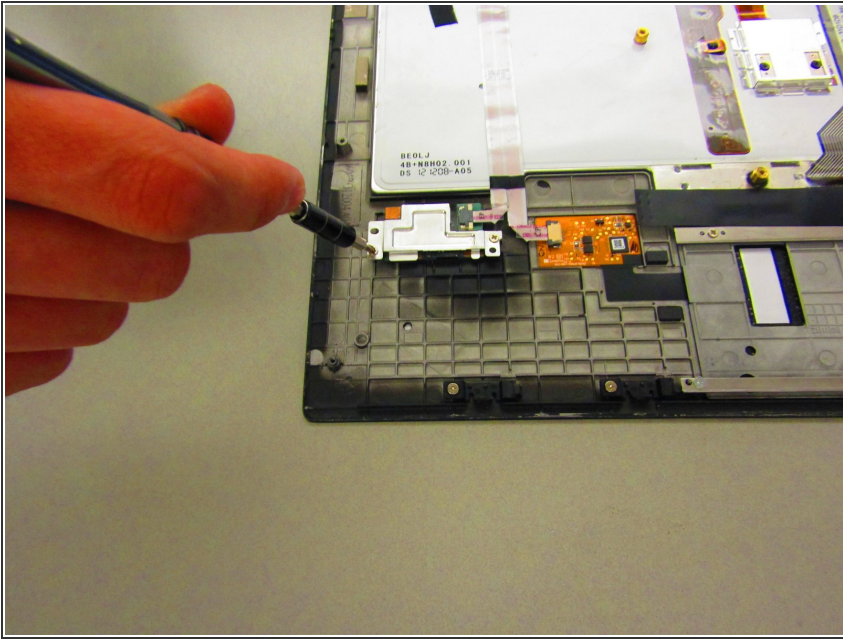This document was generated on 2019-11-15 02:40:41 PM (MST).

## Step 3



- Flip the device over and open it to lift the keyboard tray from the body of the device.
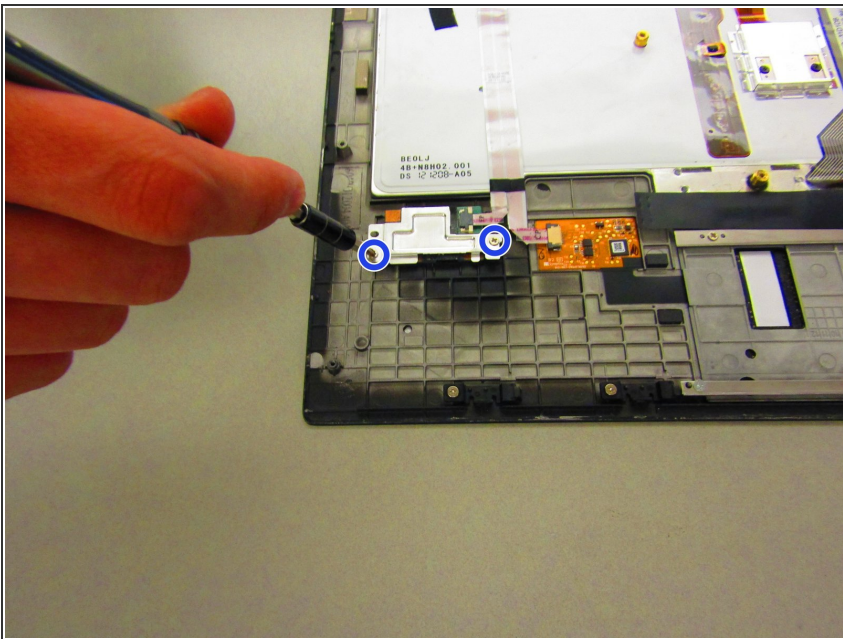
## Step 4



- Use the plastic opening tool to gently release the ribbon cable attached to the keyboard.

- (i) You may now place the device off to the side. The rest of the repair takes place on the keyboard tray.

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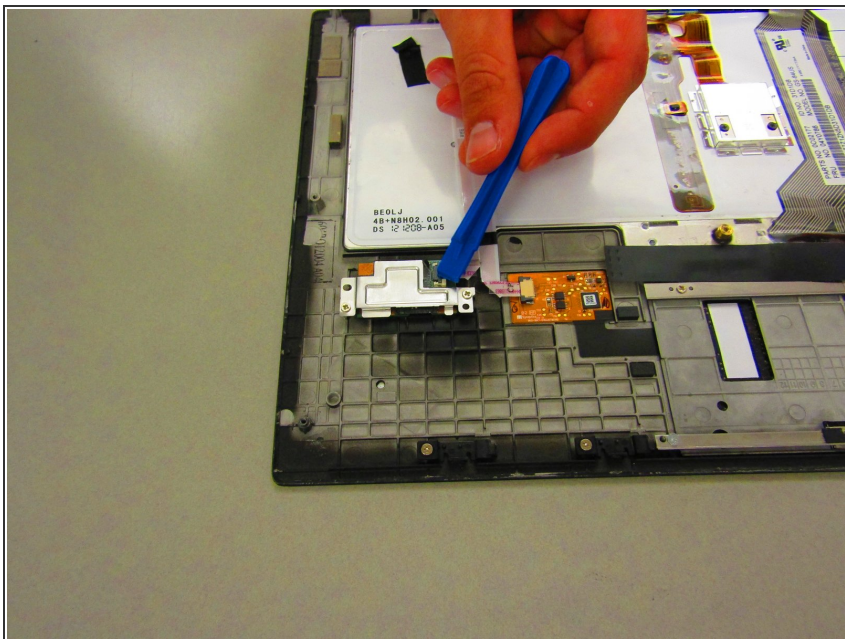
## Step 5



- Locate the Fingerprint Reader and metal frame on the left side of the keyboard tray.

## Step 6



- Unscrew the two silver screws to remove the metal frame.

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## Step 7



- Remove the ribbon cable connected to the board.

- Remove and Replace the Fingerprint Reader board and metal frame.

⚠ This connection does not have a lock, please pull the ribbon away from the board. Do not attempt to lift the connection.

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