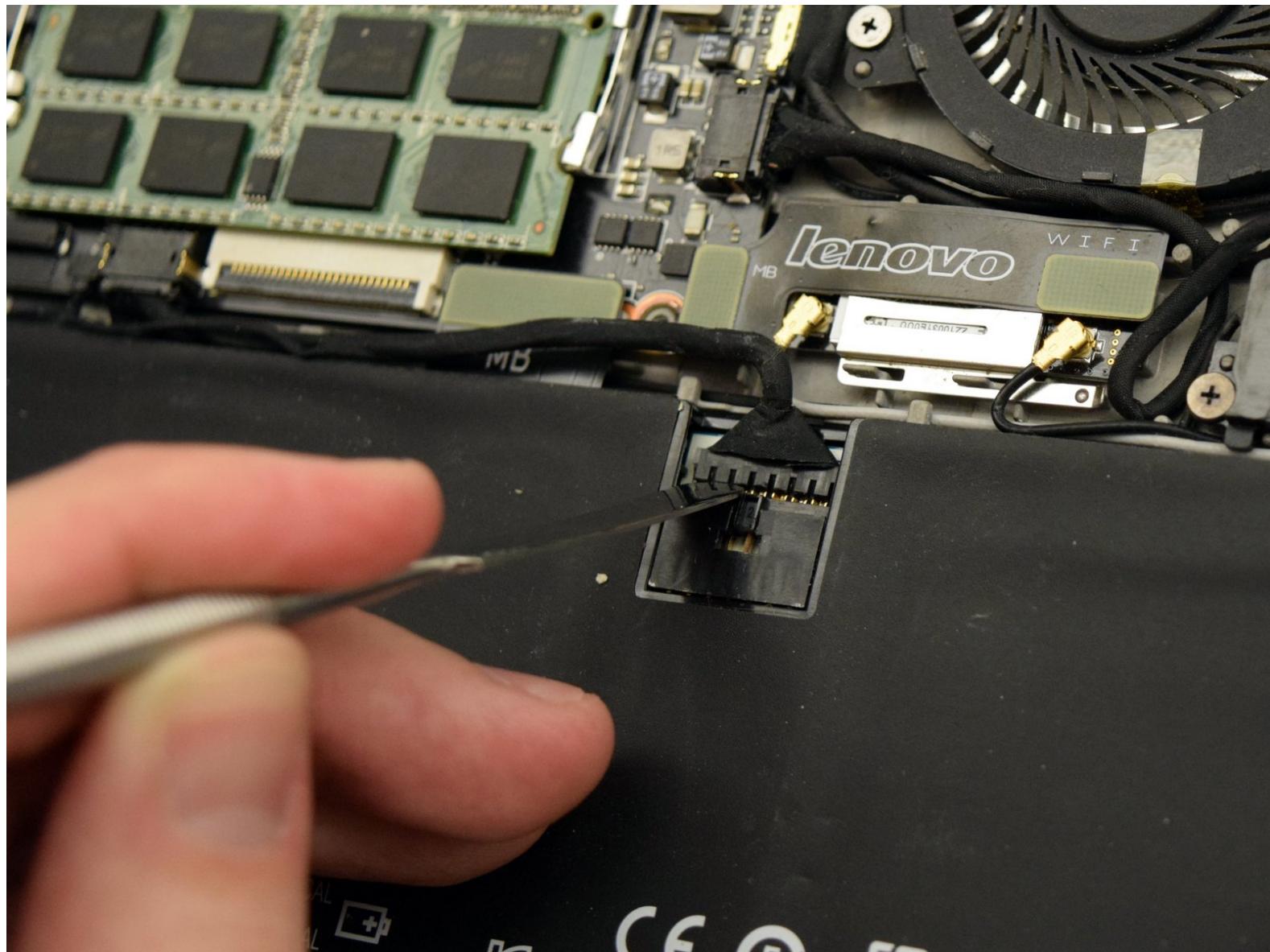




# IdeaPad Yoga 13 Battery Replacement

Remove your computer's battery to replace it if dying or to access other components

Written By: Evans Morgan



## INTRODUCTION

The battery is a crucial component of the computer, providing power to run the device. Fortunately, cosmetic damage is rare as the battery is protected, however the battery can lose its lifespan over time. The battery may need to be removed to replace the battery or to allow easier access to other components.

### TOOLS:

- [iFixit Opening Tools](#) (1)
- [Tweezers](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [Metal Spudger](#) (1)

## Step 1 — Keyboard



**i** Power off your laptop before beginning disassembly.

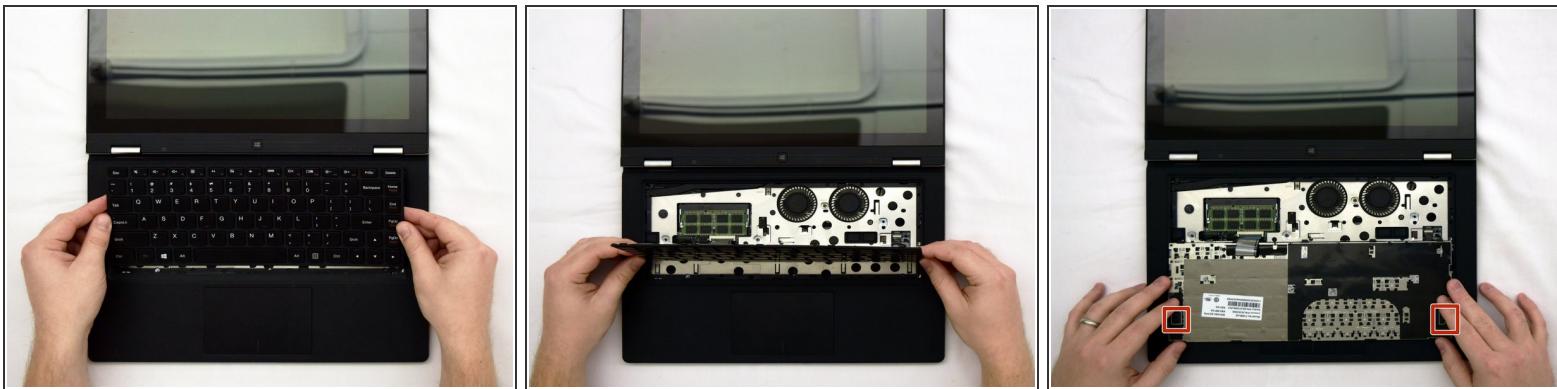
- Open the laptop to locate the keyboard.

## Step 2



- Insert a plastic opening tool in the seam between the keyboard and laptop body.
- Carefully run the tool around the top and sides of the keyboard to pop out the 9 tabs holding in the keyboard.

## Step 3

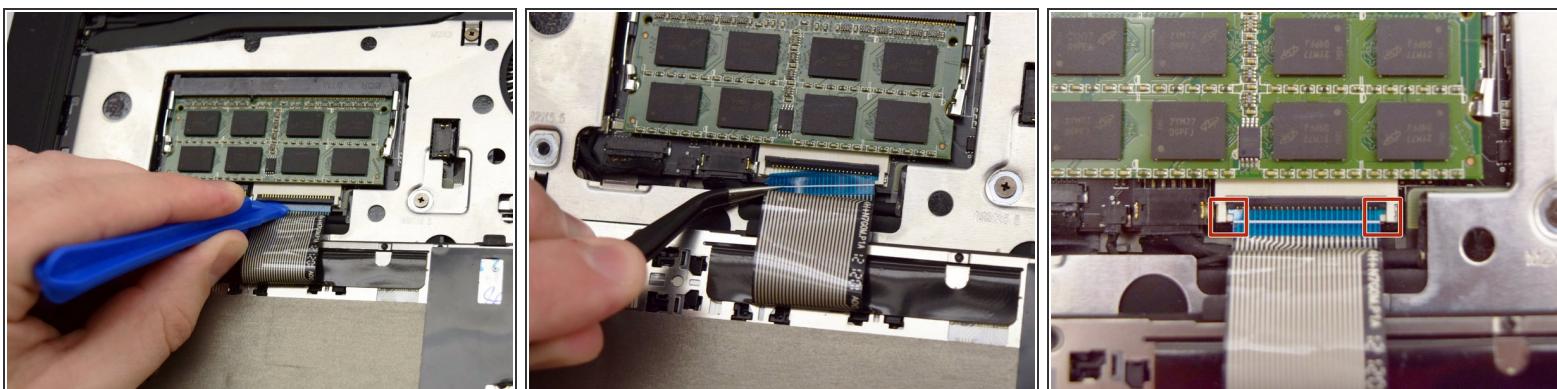


- Lift the keyboard up, then pivot it towards you to lay it facedown on the trackpad and palm rests.

! Be careful when lifting the keyboard up. The ribbon cable connecting it to the motherboard is very short, and the connector is fragile.

! The top corners of the keyboard may be stuck to the laptop bezel with double sided tape. See rectangles in Image 3. Be careful as you lift the keyboard up and pivot it toward you.

## Step 4

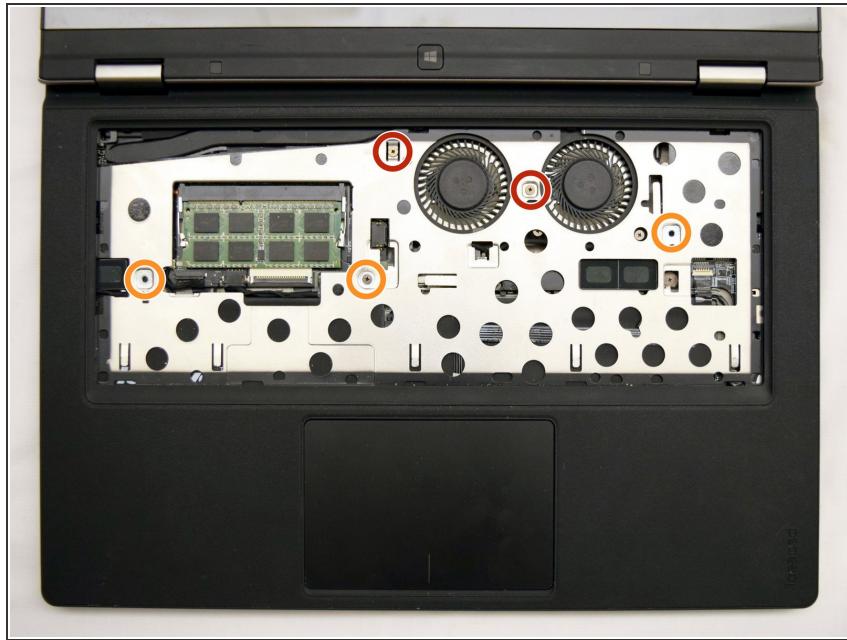


- Locate the ribbon cable connecting the keyboard to the motherboard.
- Use the tip of the opening tool to lift the black flap on the connector.
- With the tweezers, gently lift the ribbon cable out of the connector.

! Be careful when reinserting the ribbon cable.

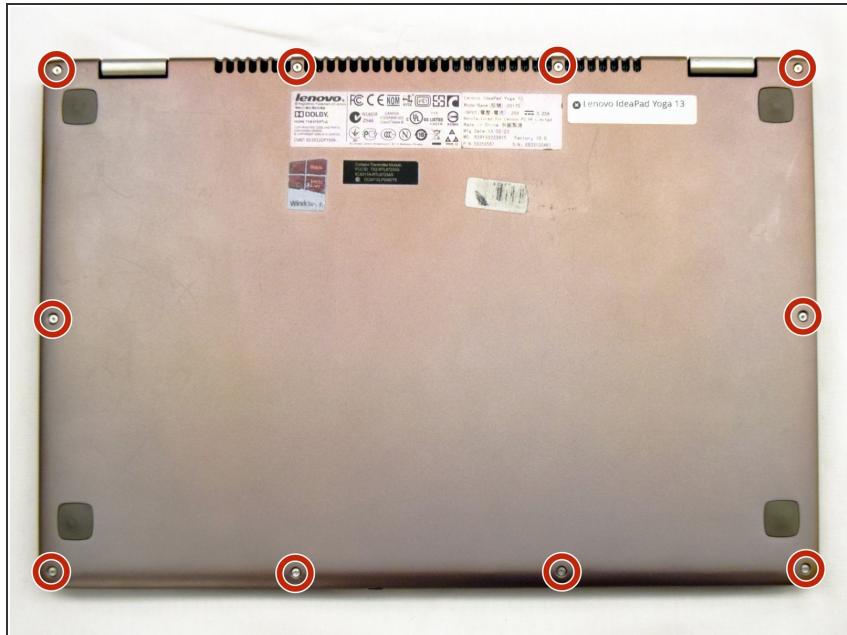
- Ensure the cutouts on the end of the cable match the tabs on the connector.

## Step 5 — Keyboard Bezel



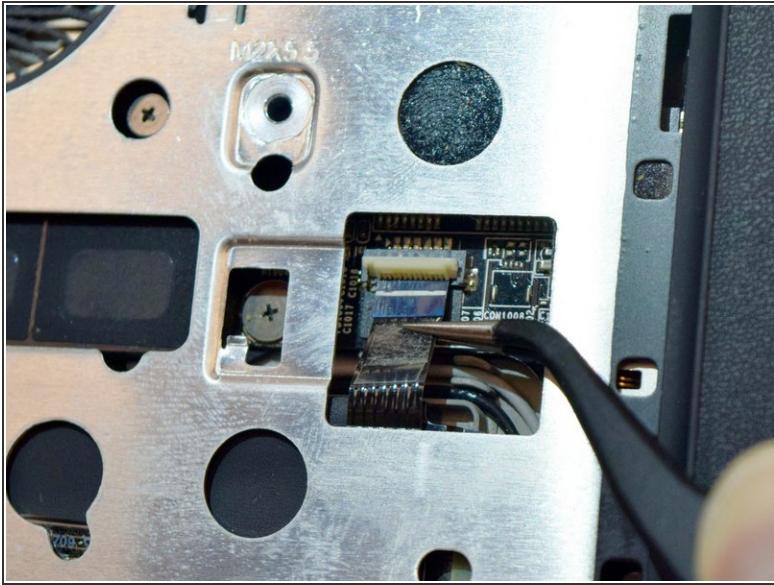
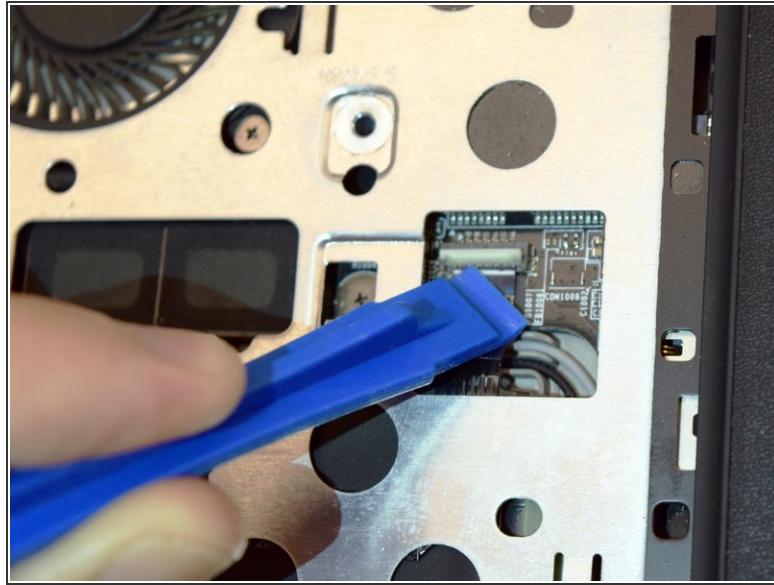
- Locate and remove the screws holding the bezel to the laptop body:
  - Two 3 mm Phillips screws
  - Three 5.5 mm Phillips screws

## Step 6



- Flip the laptop over.
- Locate and remove the screws holding the bezel to the bottom panel:
  - Ten 4.5 mm Phillips screws

## Step 7

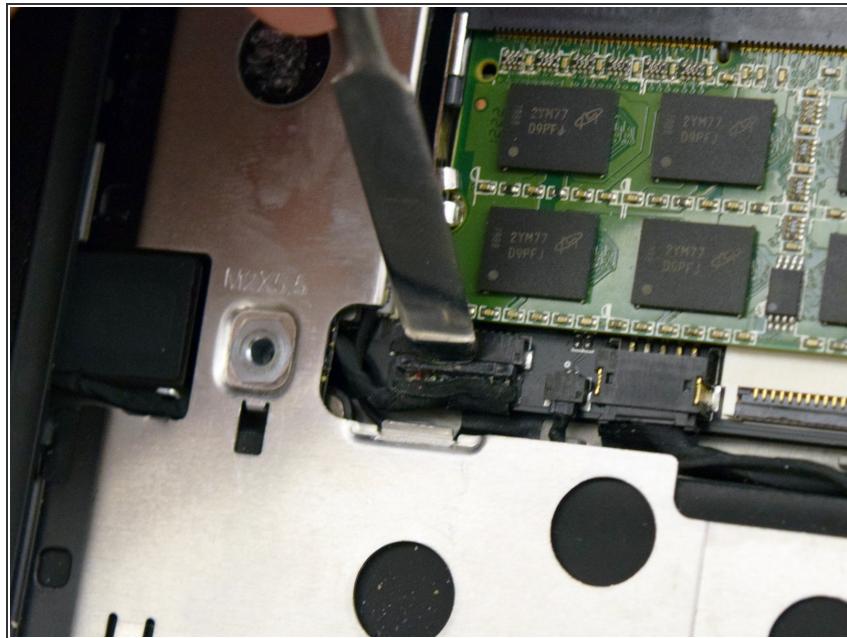


**⚠** There is now nothing securing the bezel to the laptop body. However, there are still two cables connecting the bezel to the mainboard. Ensure the bezel remains in place until the cables are disconnected.

- Flip the laptop back over.
- Locate the small trackpad ribbon cable and use the opening tool to lift the black flap on the connector.
- With tweezers, gently pull the ribbon cable out of the connector.

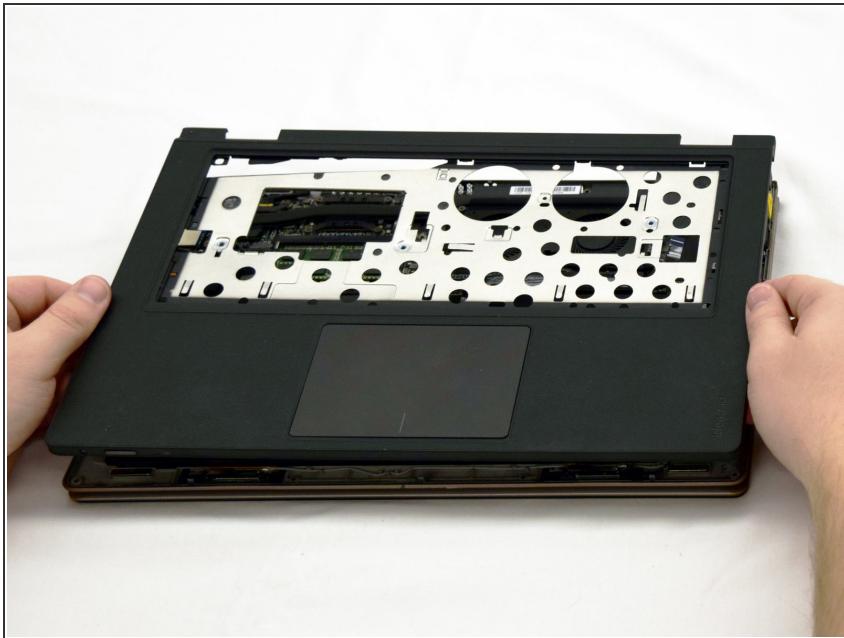
**ⓘ** You can use the clear plastic tab on the top of the ribbon connector to help pull the cable out.

## Step 8



- Locate the power board cable and disconnect it by pulling the cable head towards the front of the laptop.
  - i** You can use a metal spudger to push the head out of the socket.
  - !** Be careful to not damage the socket.

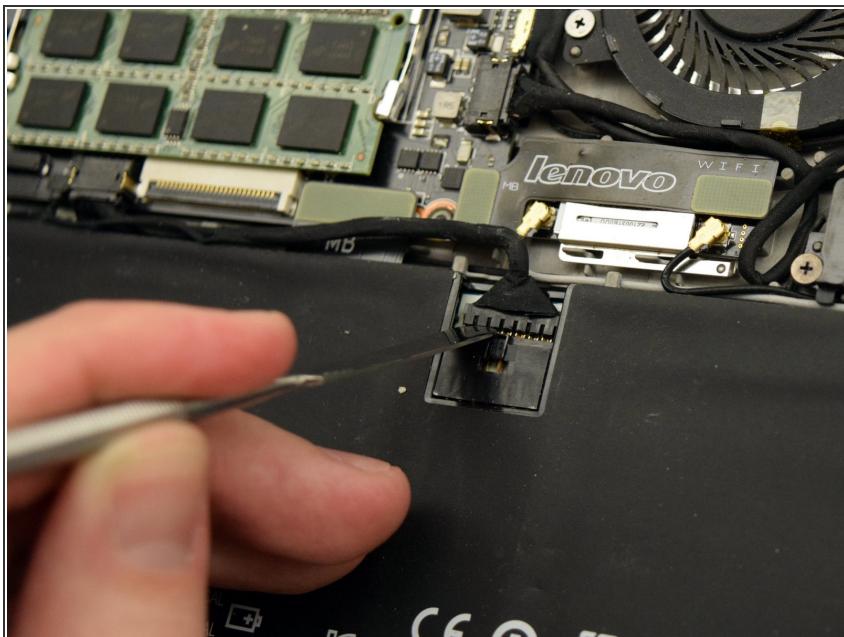
## Step 9



- Lift the keyboard bezel off the laptop. The bezel is secured to the chassis by 10 plastic clips around the circumference that can be released with the plastic pry tool.

*i* You may need to flip the screen around to get the necessary clearance at the hinges.

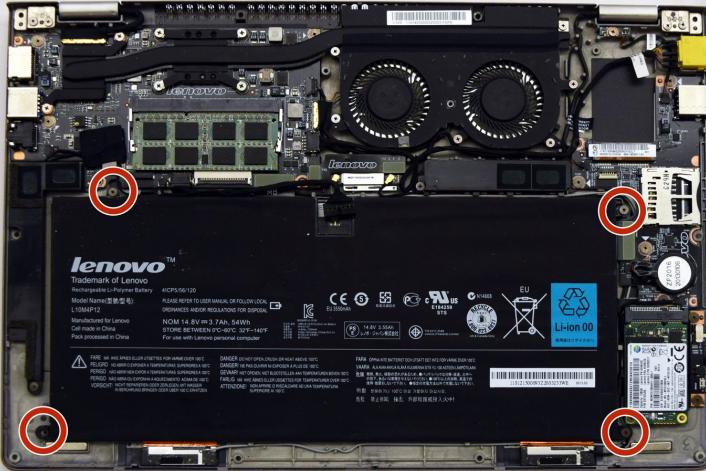
## Step 10 — Battery



- Unplug the battery cable.

*i* You can use a metal spudger to push the head out of the socket.

## Step 11



- Remove the screws holding the battery to the chassis:
  - Four 4 mm Philips screws

## Step 12



- Gently lift the battery out of the laptop.

**⚠** Handle the battery carefully. Do not allow it to bend or be punctured.

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