

INTRODUCTION

This guide shows how to remove and replace the battery on the Lenovo ThinkPad X1 Yoga (model number 20FQ005YUS). If the computer has a short battery life or is not charging at all, the battery should be replaced.

For your safety, discharge your battery below 25% before disassembling your device. This reduces the risk of a dangerous thermal event if the battery is accidentally damaged during the repair. If your battery is swollen, [take appropriate precautions](#).

🔧 TOOLS:

Phillips #1 Screwdriver (1)
iFixit Opening Tool (1)
Tweezers (1)

⚙️ PARTS:

Lenovo 01AV409 56Wh Battery (1)
Lenovo 00HW028 52Wh Battery (1)

Step 1 — Back Cover



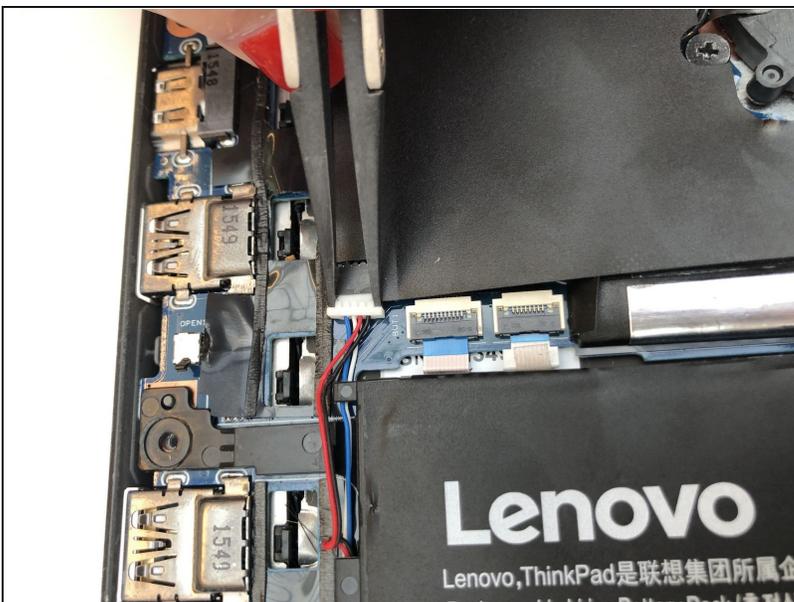
- ⓘ Be sure to power off and unplug your device before you begin your repair.
- Flip the computer over so the bottom is facing up.
- Remove nine 4mm Phillips #1 screws from the bottom of the computer.
- Use an iFixit opening tool to pry the back cover off of the laptop.

Step 2 — Speakers



- Remove the five 4.5mm Phillips #1 screws that secure the battery.

Step 3



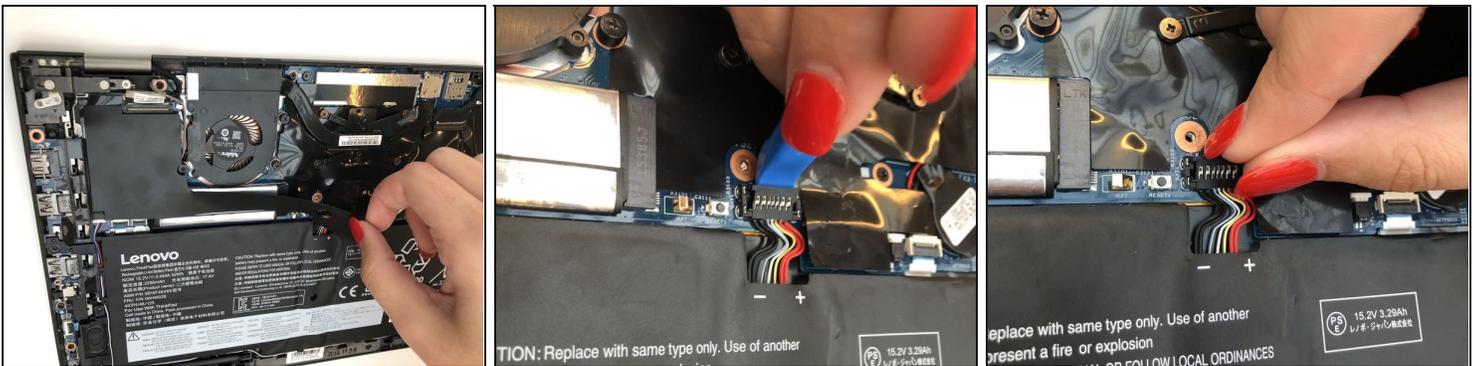
- Using a pair of [tweezers](#), push the sides of the white speaker wire toward the battery (where it says Lenovo) to unplug it.

Step 4



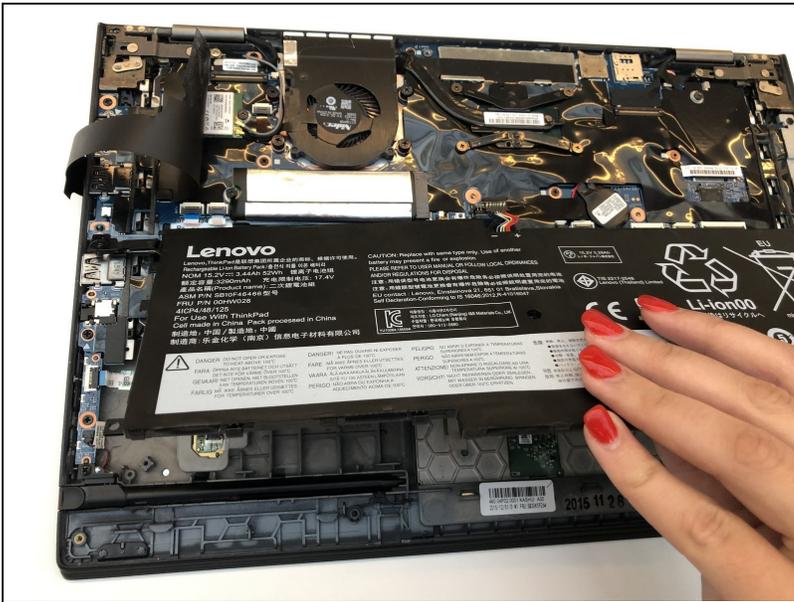
- Remove the speakers from either side of the battery. The connecting wire will unthread from the sides of the battery.

Step 5 — Battery



- Lift the plastic black strip cover that's laying over the battery connector.
- Use the iFixit opening tool to flip up and disconnect the black battery connector from its motherboard socket.
- Gently pull the connector away from the battery to pull it out of the slot.

Step 6



- Lift and remove the battery away from the computer.

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

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

Repair didn't go as planned? Try some [basic troubleshooting](#), or ask our [Answers community](#) for help.