



# IBM (Lenovo) Thinkpad X60s BIOS Battery Replacement

Replacing the internal / BIOS battery of Thinkpad X60 laptop

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## INTRODUCTION

when the battery dead you need to set the system date every time the laptop starts. This guide shows you how I fix this with \$1.

### TOOLS:

- [Cutting Plier \(1\)](#)

## Step 1 — Unscrew the laptop keyboard to access the bios battery



- Just unscrew 4 screws to loose the KB, there are plenty guides / video on Google so I won't go into details here.

## Step 2 — Disconnect the battery and disassemble the connector



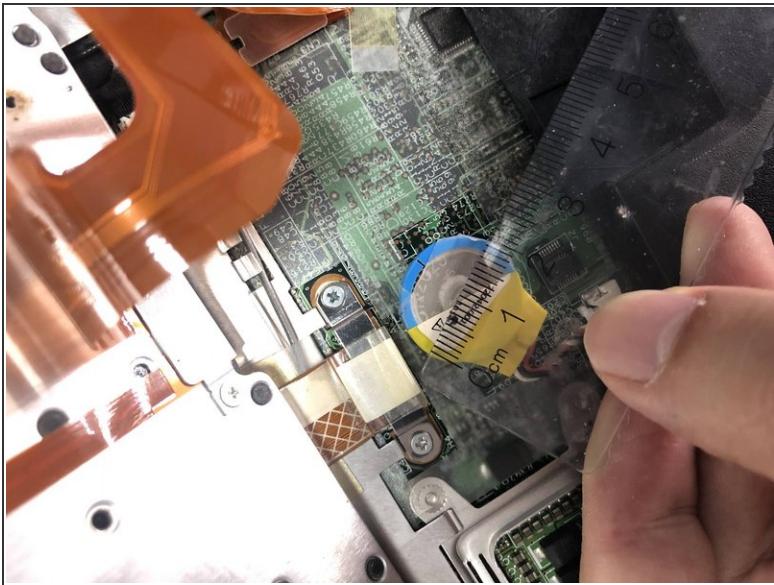
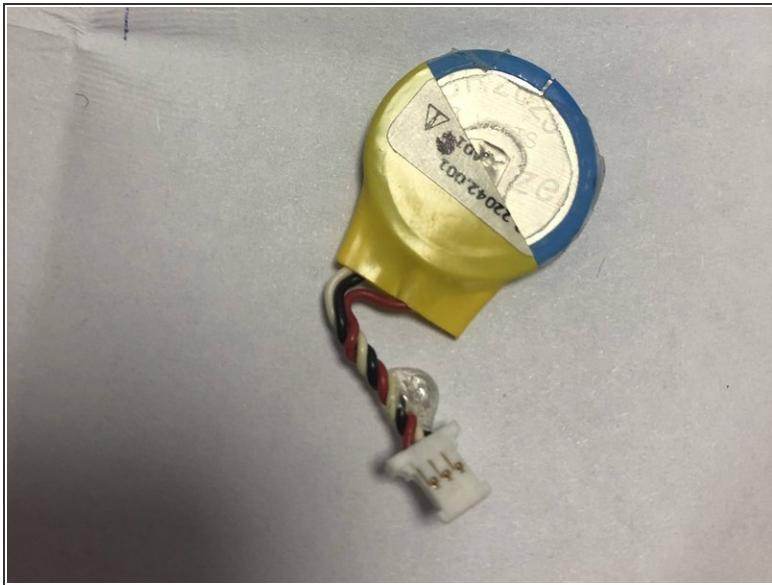
- Carefully disconnect the battery from the mainboard micro socket.
- Cut the yellow plastic cover, try to cut it as half circle and KEEP it for later use.
- The connector is soldered to the battery, use a small slot head screw driver to break the soldering slowly.

## Step 3 — Replacing a new battery



- You may notice the battery is just a CR2025 cell, which costs \$1
- Transfer the blue plastic "ring" from the old battery to the new one, you can do it nicely by using a cutter. This isolation is essential to avoid the connector being short circuit
- The metal part need to be flatten with a wire clamp or whatever can help you

## Step 4 — Reconnect the battery



- It is difficult to solder the cell with home equipment. I used adhesive tape to stick the metal contacts to the cell, RED wire to +ve and BLACK/WHITE wire to -ve
- You have to avoid the metal contacts from short circuit, adhesive tapes can help you
- I didn't have the contracting tubes that fit the cell which is 2cm diameter. Remember the cut yellow shield in step1? Use it to cover the metal parts and reconnect the battery

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