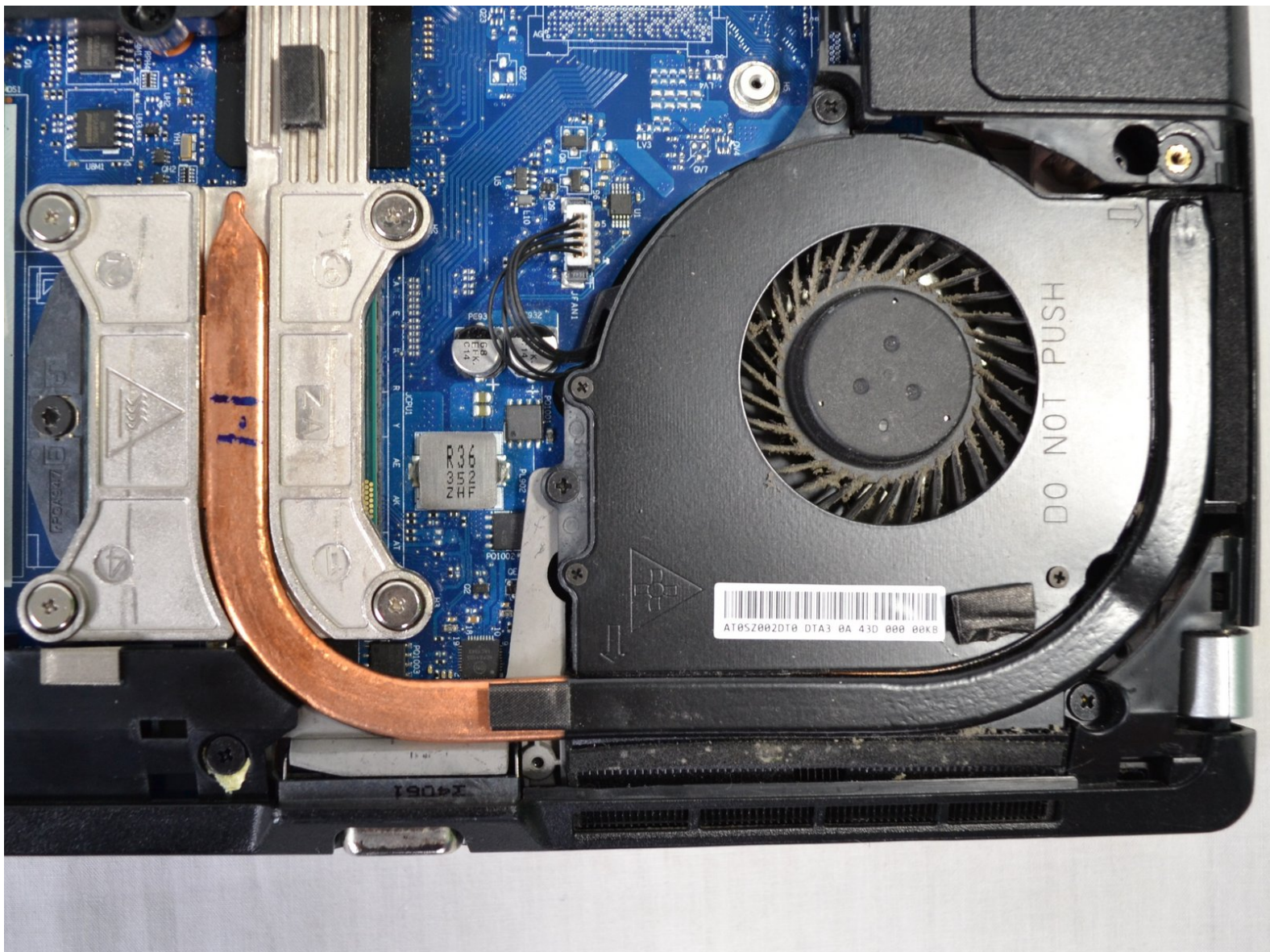




# Lenovo Thinkpad E540 Fan Replacement

Follow this guide to replace the fan on your Lenovo ThinkPad E540 laptop.

Written By: Timothy Sumner



# INTRODUCTION

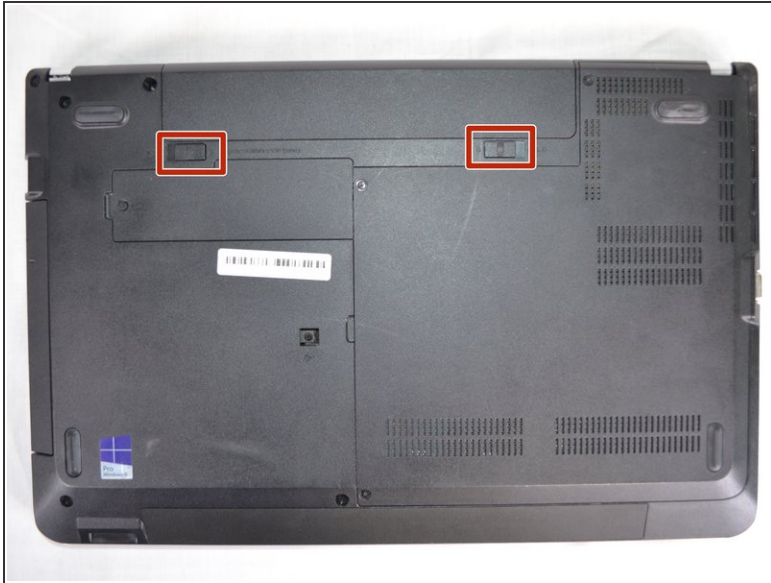
Follow this guide to replace the fan on your Lenovo ThinkPad E540 laptop.

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## TOOLS:

- [iFixit Opening Tools](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
  - [Spudger](#) (1)
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## Step 1 — Battery



- Push the battery release switches away from each other.

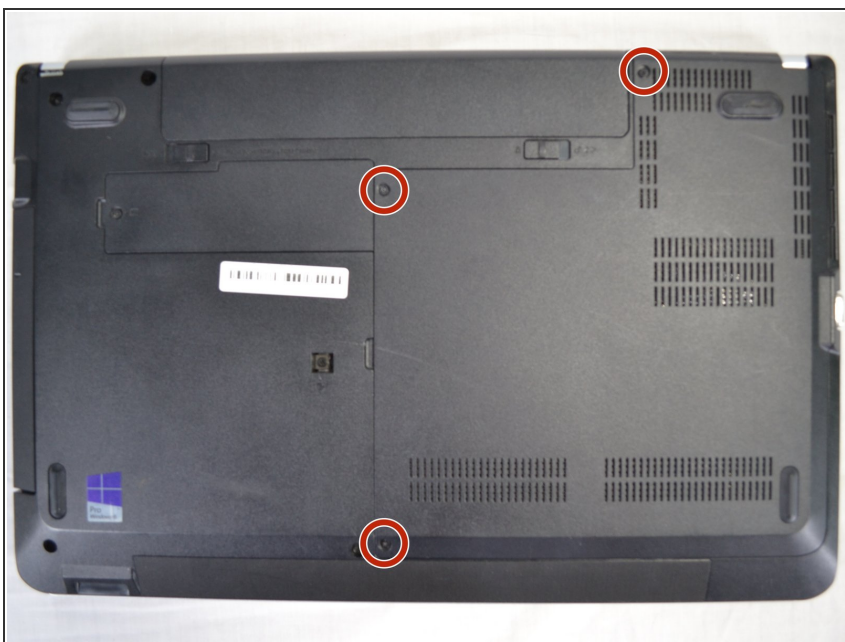
## Step 2



- Remove the battery.

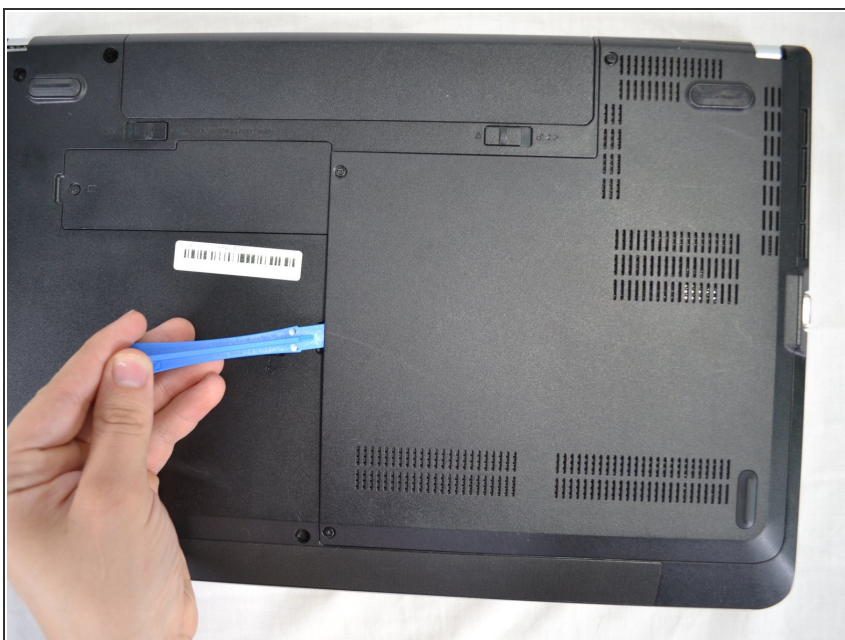


### Step 3 — Disassembly of the Back Panel



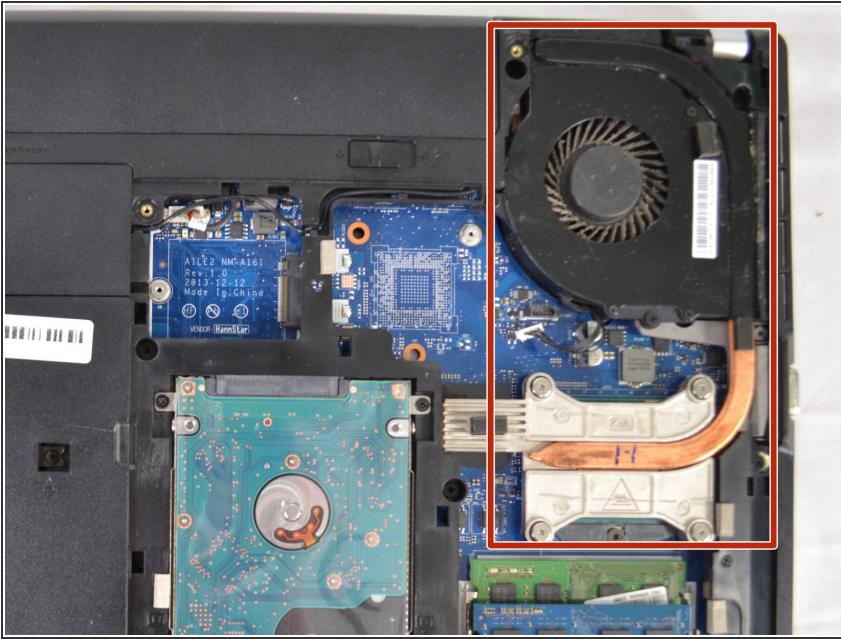
- Remove the three 1.2mm Phillips #00 screws from the bottom panel.

### Step 4



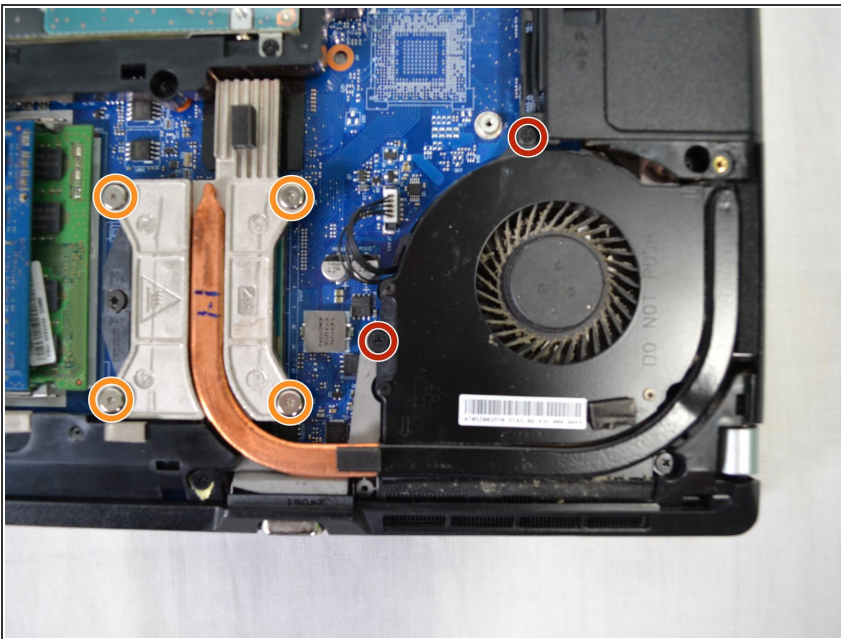
- Use a plastic opening tool to pry off the bottom panel.

## Step 5 — Fan



- ⓘ Heatsink and fan are connected. You have to remove both at the same time.
- The heatsink and fan are found on the right side.

## Step 6



- Remove the two 1mm Phillips #0 screws from the fan.
- Unscrew the four 2mm Phillips s#0 screws from the heatsink.
- ⓘ The screws on the heatsink will stay attached to it.

## Step 7



- To remove the heatsink and fan, pull the fan upwards and towards the center.

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