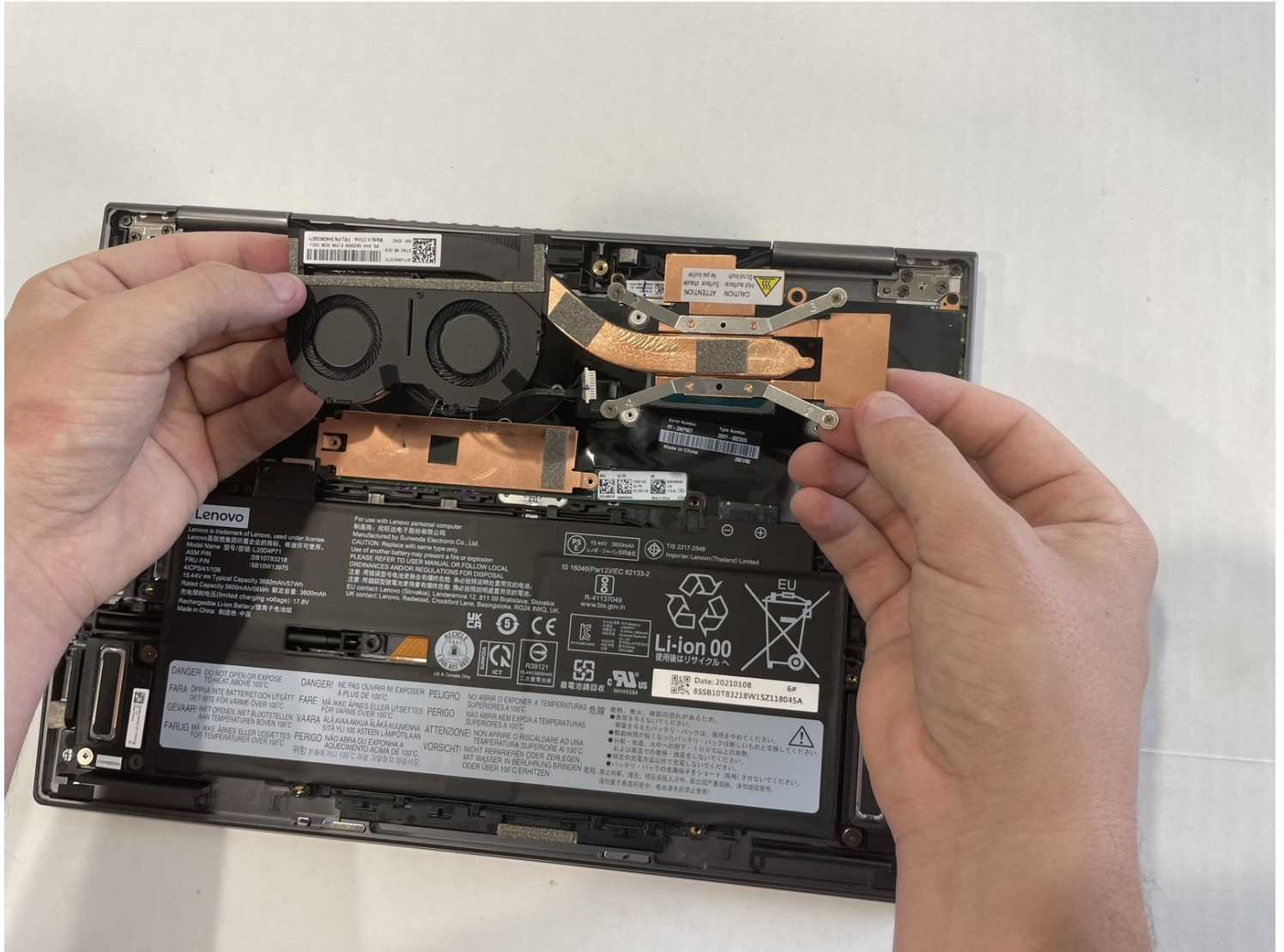# Lenovo ThinkPad X1 Yoga (6th Gen) Fan Replacement

Following the steps laid out in this guide will...

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INTRODUCTION

Following the steps laid out in this guide will allow you to replace the internal fan of the Lenovo ThinkPad X1 Yoga (6th Gen) laptop. This repair may be needed if you cannot hear the fan running during operation, and/or your laptop is consistently overheating. Before outright replacement, make sure the fan's blades are free of dirt or debris buildup that may reduce the fan's efficiency.
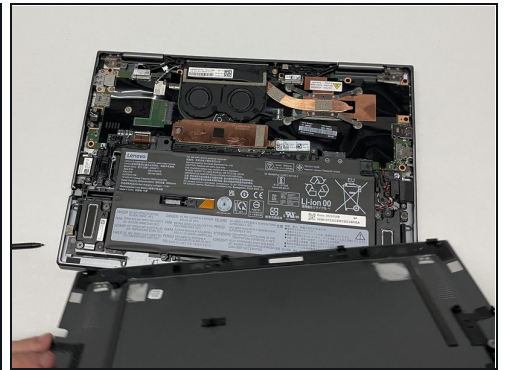
🔧 **TOOLS:**

Phillips #1 Screwdriver (1)
Spudger (1)
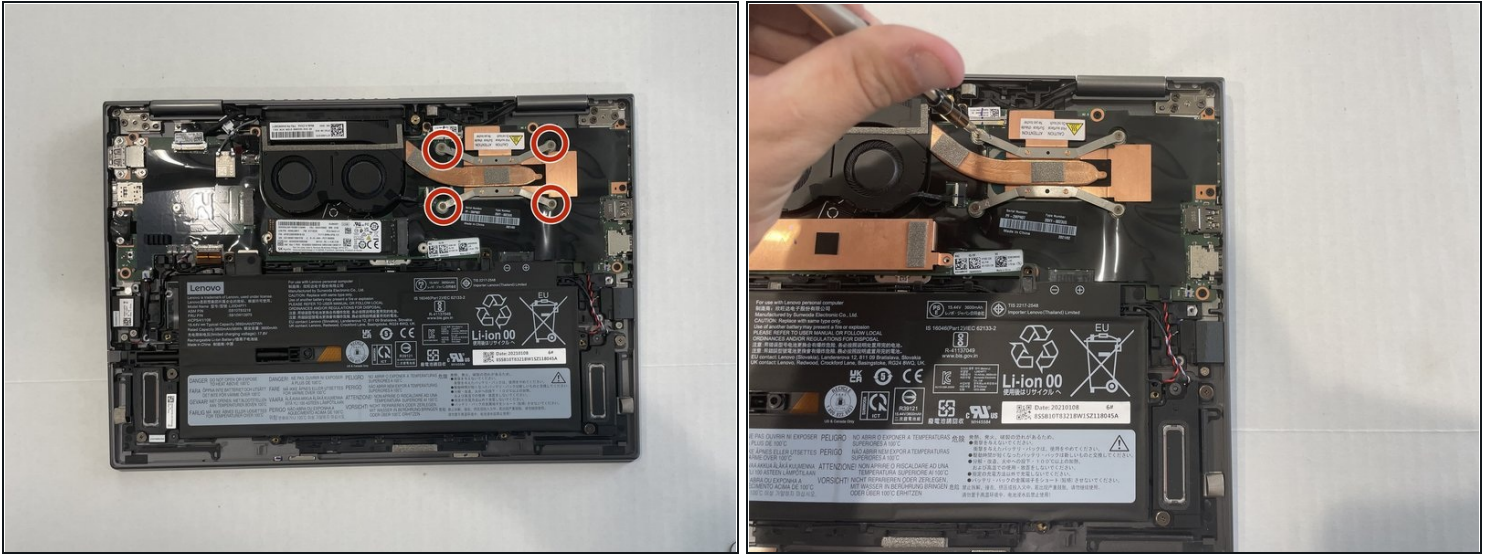Phillips #000 Screwdriver (1)

⚙ **PARTS:**

5H40W36671 - Lenovo Laptop CPU Fan & Heatsink - Genuine (1)
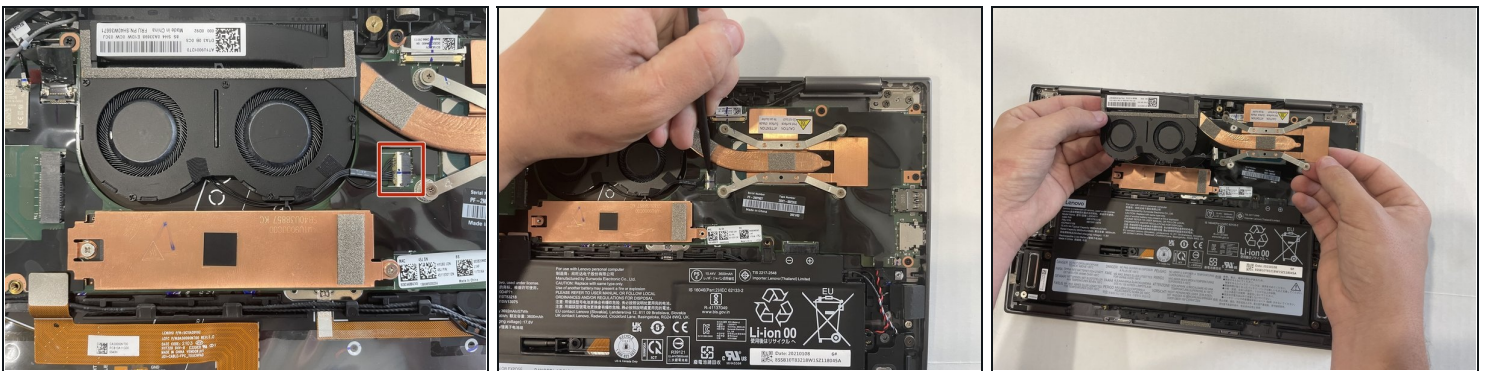
Step 1 — Base Panel

- Use a Phillips #1 screwdriver to remove the five 5.0 mm screws from the base panel.

- Wedge a spudger between the base panel and chassis, and pry around the entire perimeter until you hear a pop and the base panel releases.

- Lift the base panel up and off of the chassis.

Step 2 — Fan

- Use a Phillips #000 screwdriver to loosen the four 5 mm captive screws.
  - ⓘ The captive screws will stay attached to the fan as you remove it.

Step 3

- Place the pointed tip of a spudger behind the small plastic tab on either side, and "walk" the fan's connector out of its port, alternating between tabs, until the plug disconnects.

- Lift the fan up and out.

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