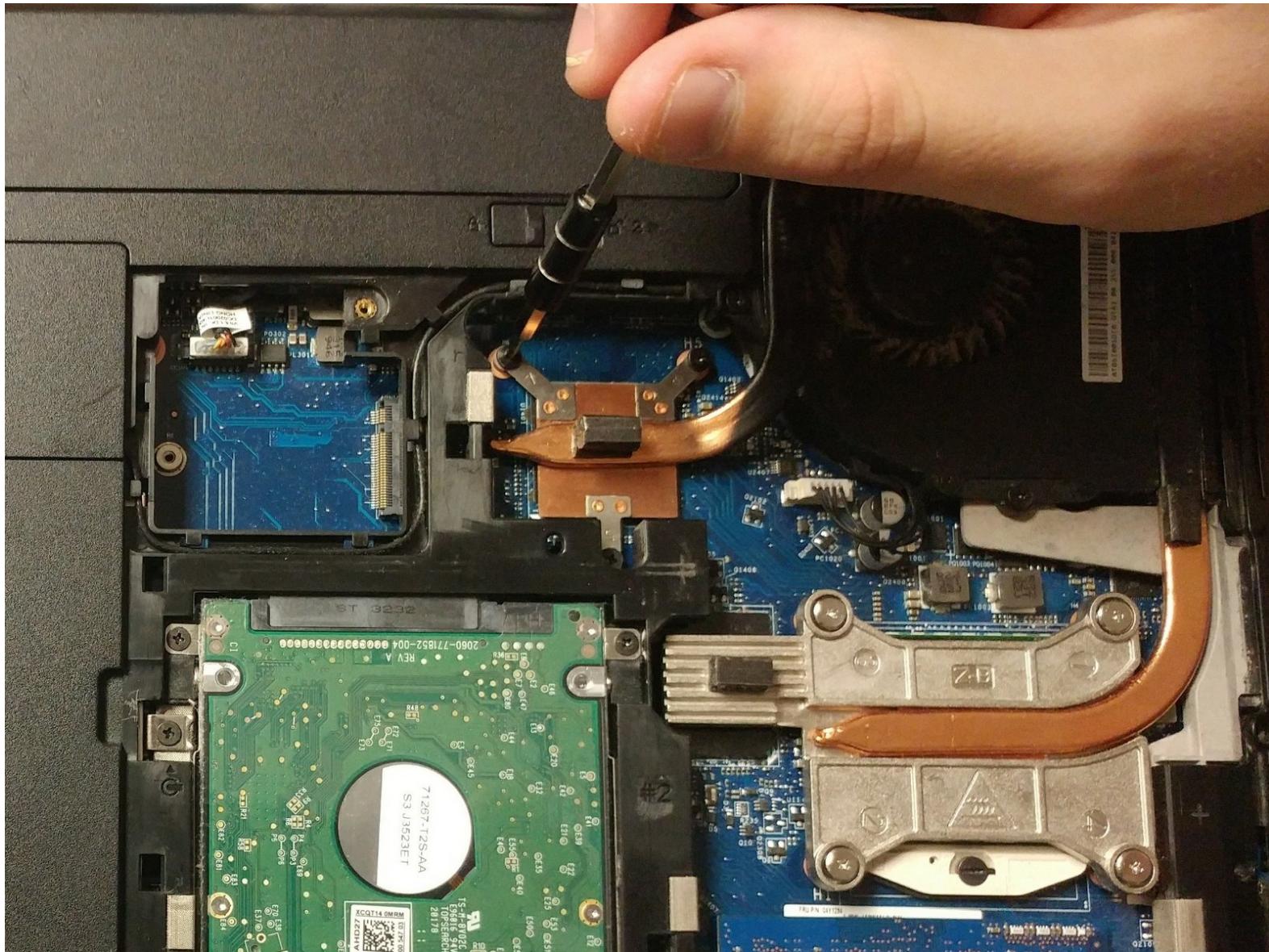




Lenovo Edge Thinkpad E431 Cooling Fan Replacement

This guide will help the user replace the cooling fan assembly on the Lenovo Edge Thinkpad E431 with just a few easy steps.

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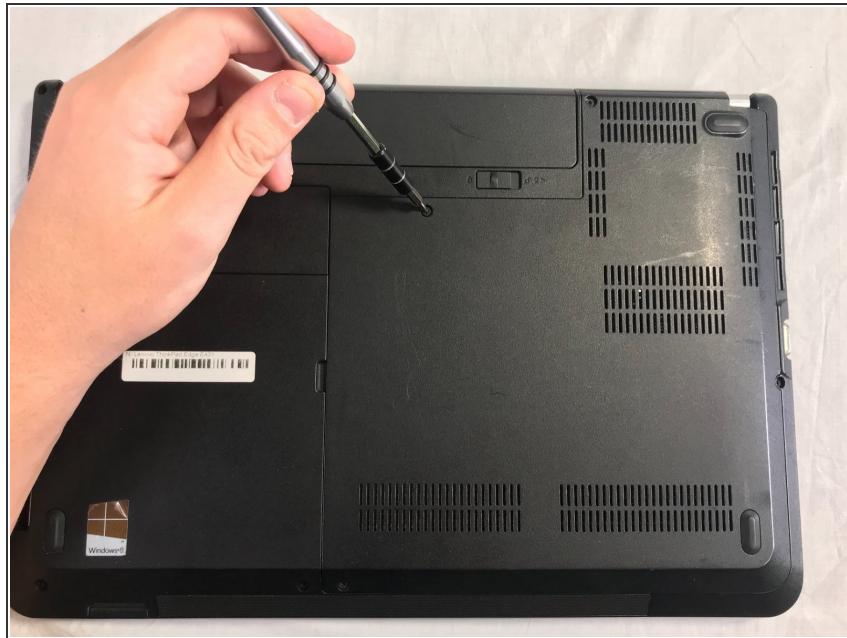
INTRODUCTION

This is a step by step guide on how to remove the fan assembly on the Lenovo Thinkpad Edge E431.

TOOLS:

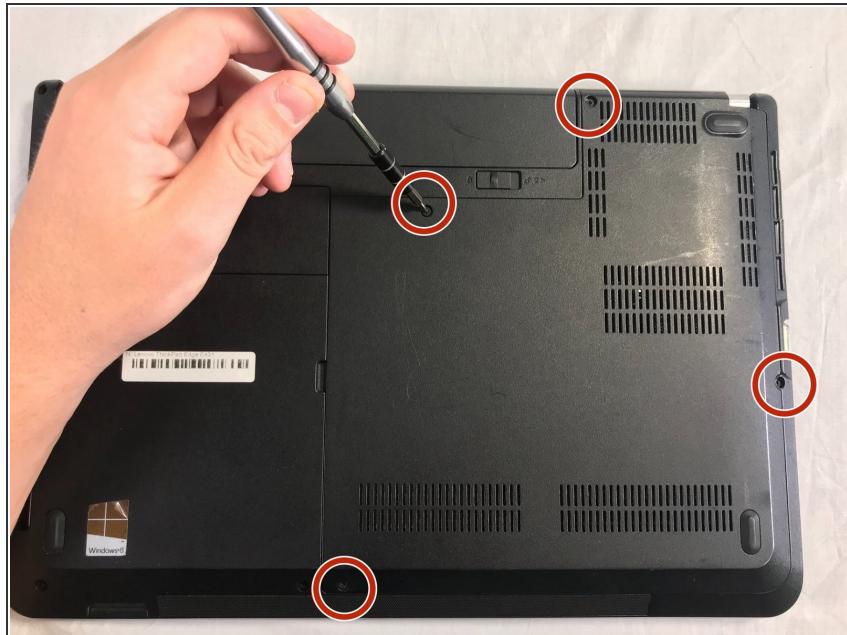
- [Phillips #00 Screwdriver](#) (1)
- [Tweezers](#) (1)

Step 1 — Bottom Panel



- Close the device and remove all power cables.
- Lay the laptop flat with the bottom facing upwards.

Step 2



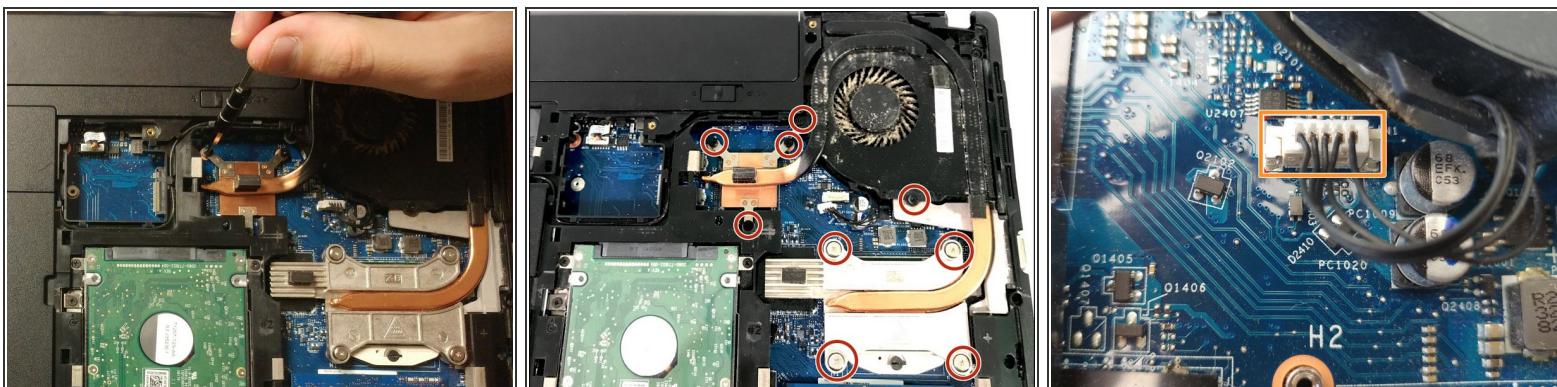
- Remove the four 2mm Phillips #00 screws from the bottom panel.

Step 3



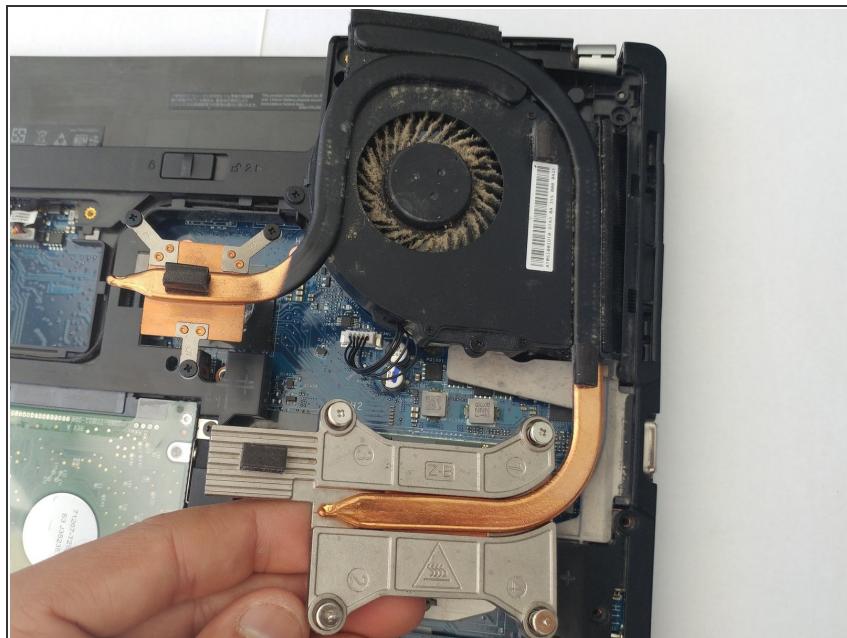
- Remove the back panel of the device.

Step 4 — Cooling Fan



- Remove the nine 2mm Phillips screws from the cooling assembly.
- Using the tweezers, remove the fan power cable from the motherboard.

Step 5



- Lift the fan assembly out of the laptop.

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