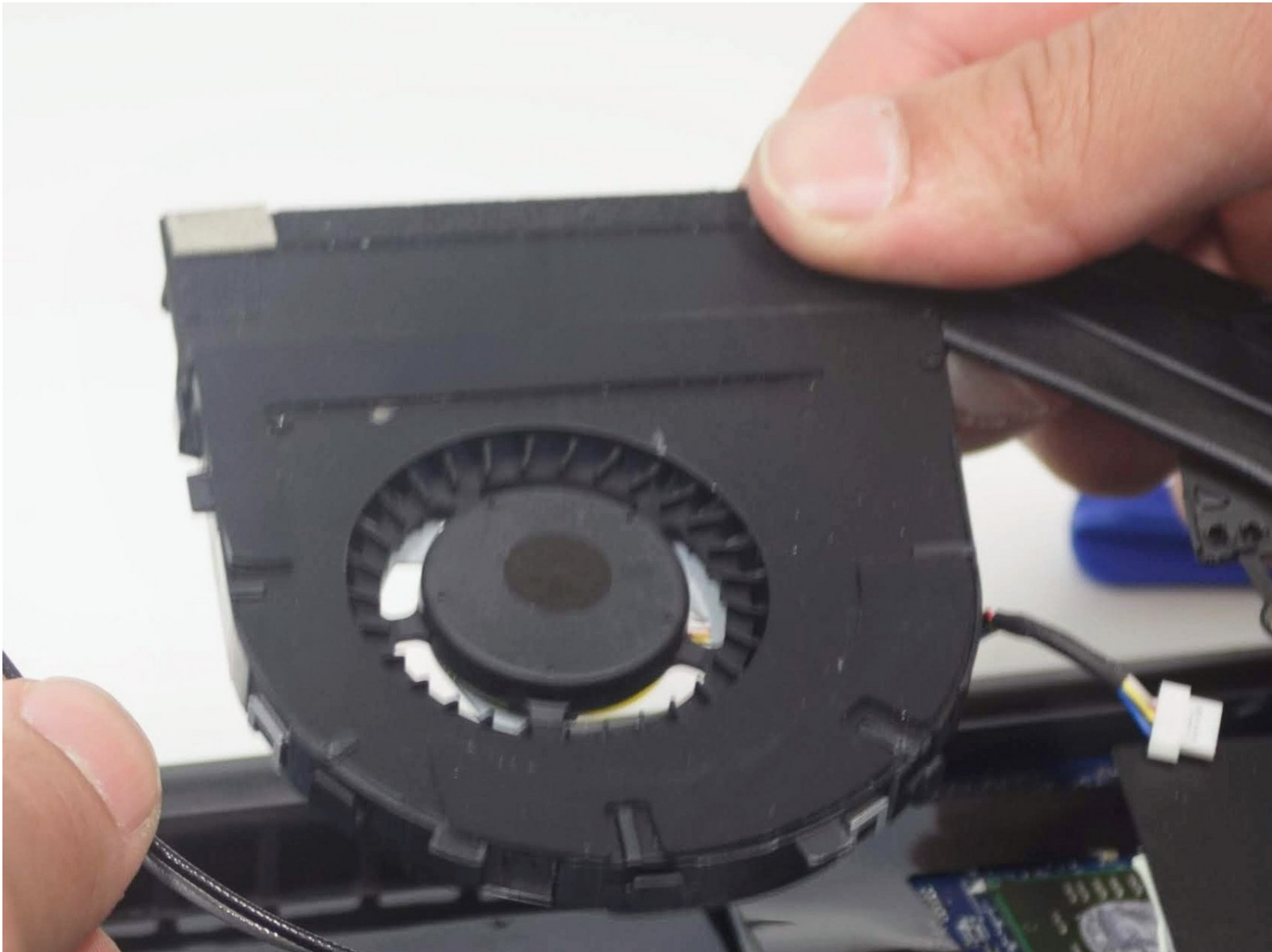# Lenovo ThinkPad S431 Cooling Fan Replacement

How to remove the faulty cooling fan from the Lenovo ThinPad S431.

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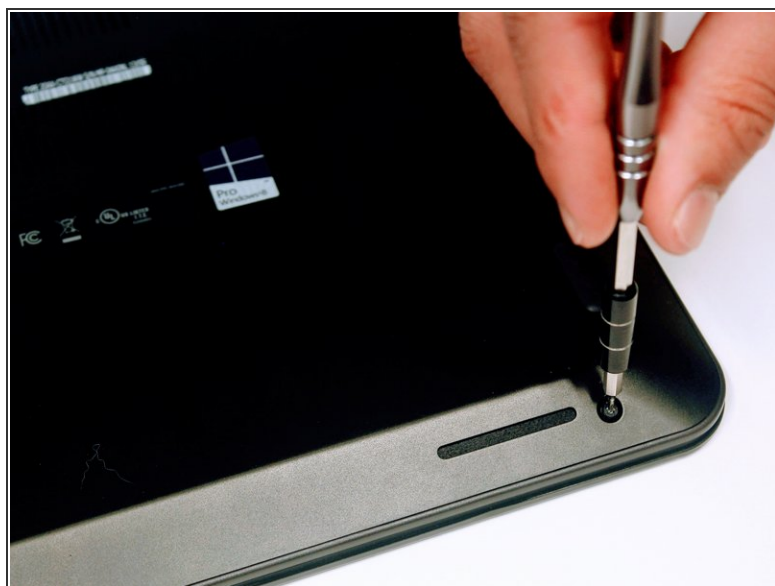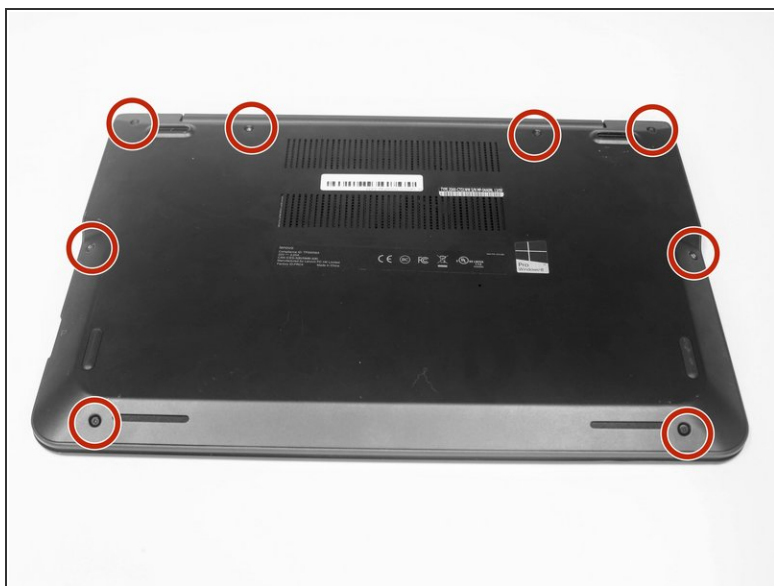# INTRODUCTION

This guide will give you the instructions needed to replace the laptop's cooling fan. The fan is needed to keep the laptop from overheating.
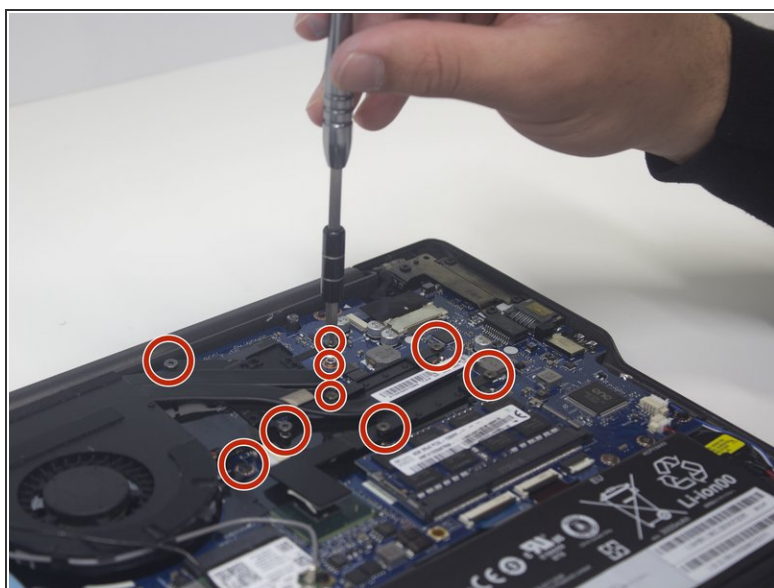
🔧 TOOLS:

- Phillips #000 Screwdriver (1)
- iFixit Opening Tools (1)

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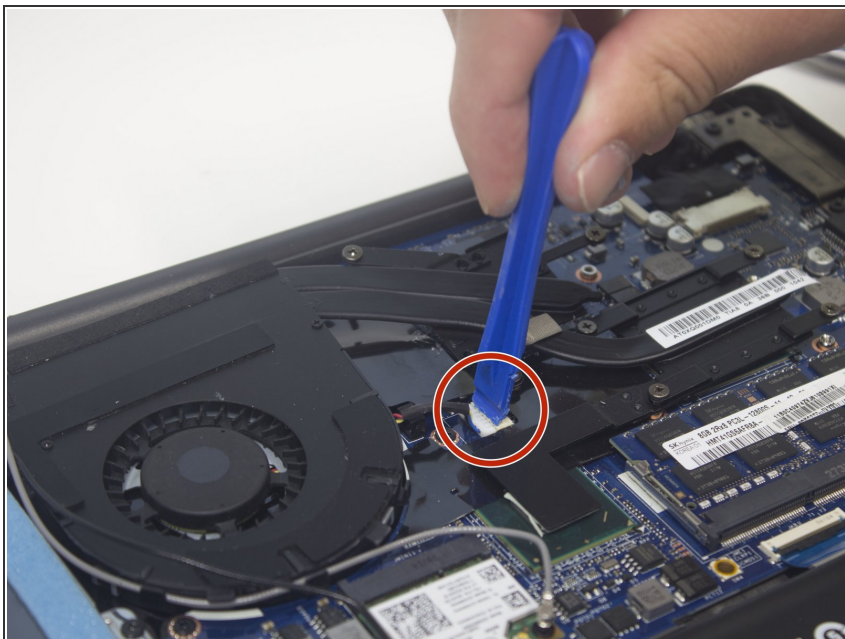
Step 1 — Cooling Fan

● Remove the 8 screws holding down the back panel using the Phillips screw driver #000.
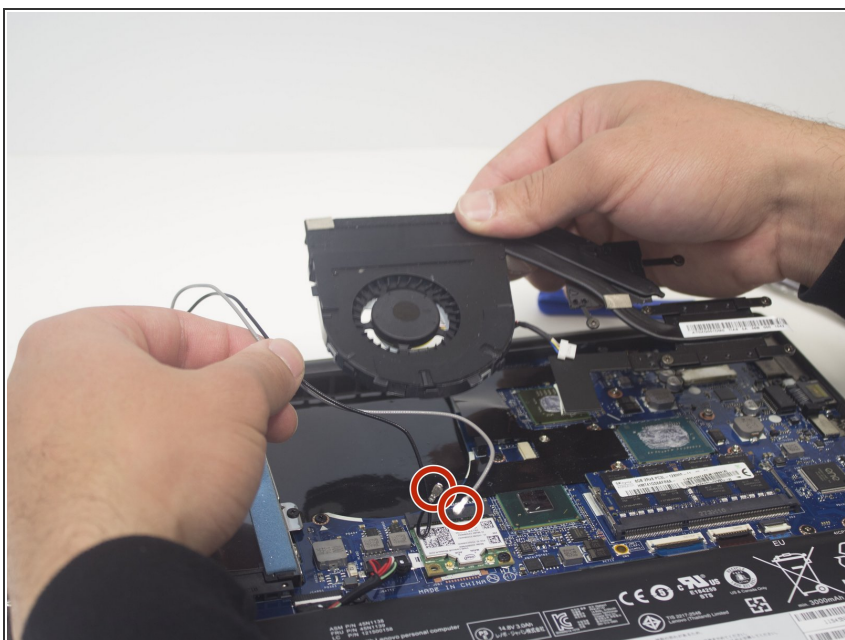
Step 2

● Remove the 9 wafer-head screws, size M2x4mm, using the Phillips screwdriver #000.

Step 3

- Remove the fan's cable using the plastic opening tool.

Step 4

- Gently, remove the black and white wires surrounding the fan.
- ⓘ The wires will be connected around the fan, you will have to remove them.

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