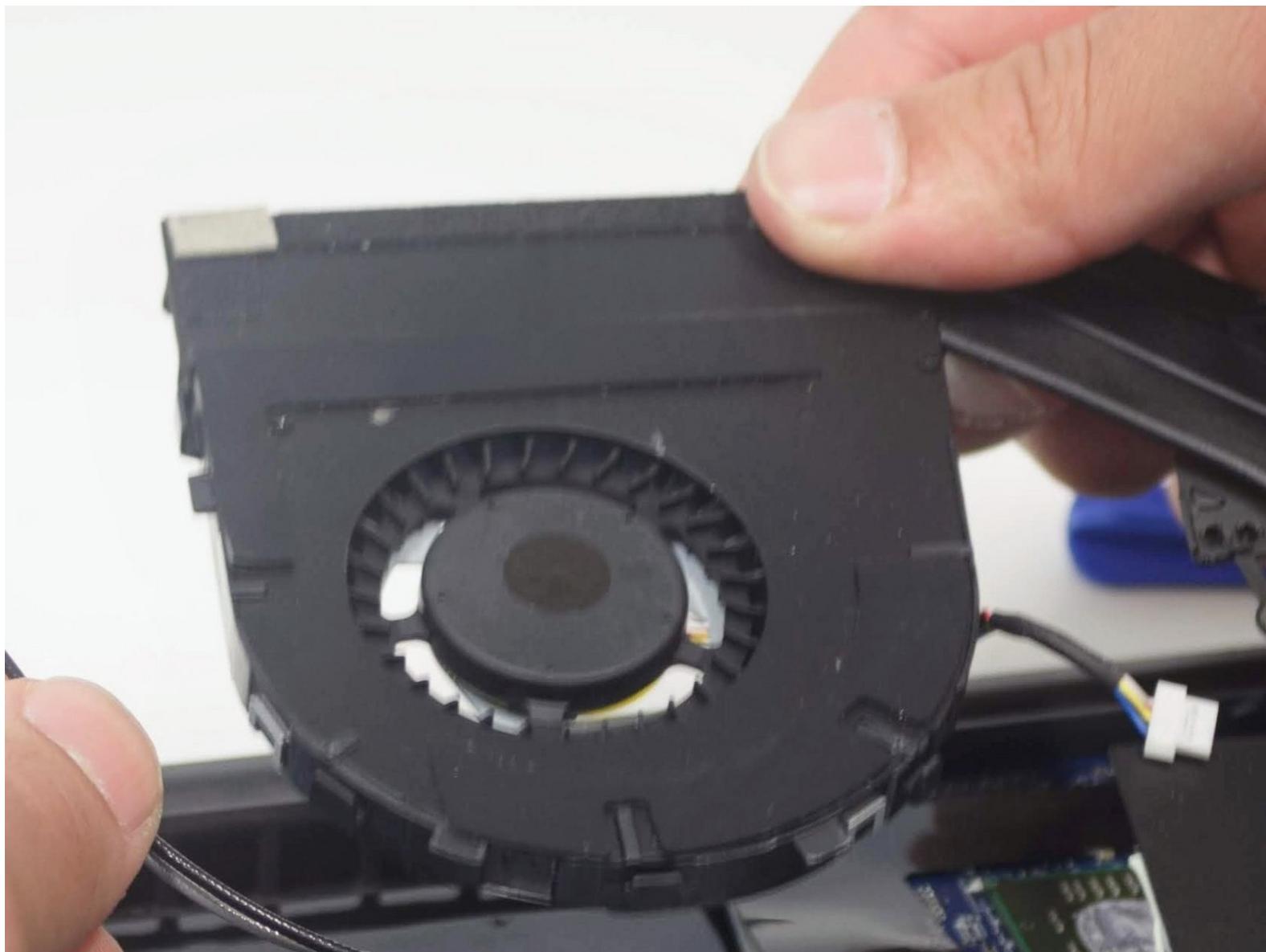




# Lenovo ThinkPad S431 Cooling Fan Replacement

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

Written By: Mohammed AlManai



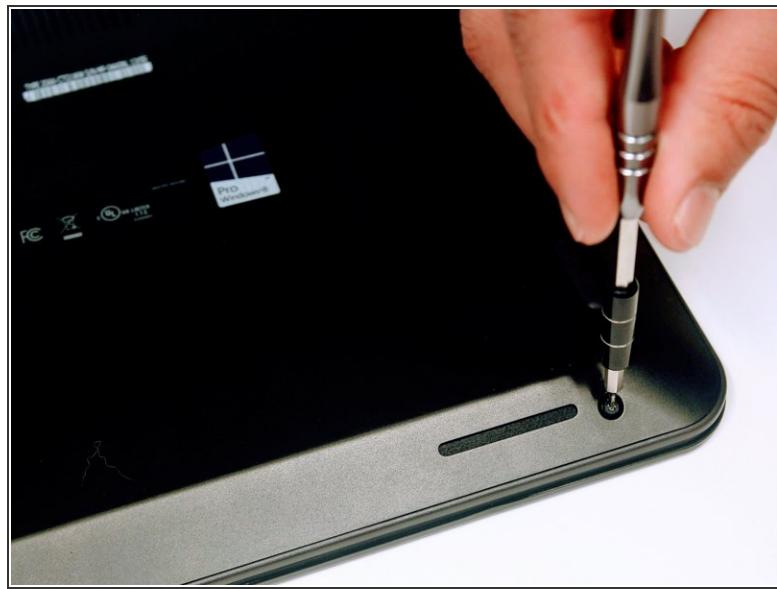
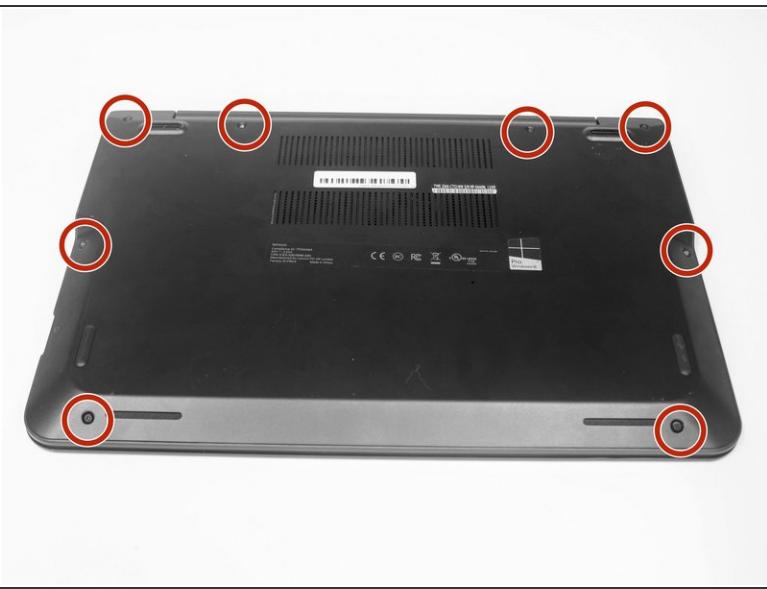
## INTRODUCTION

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:

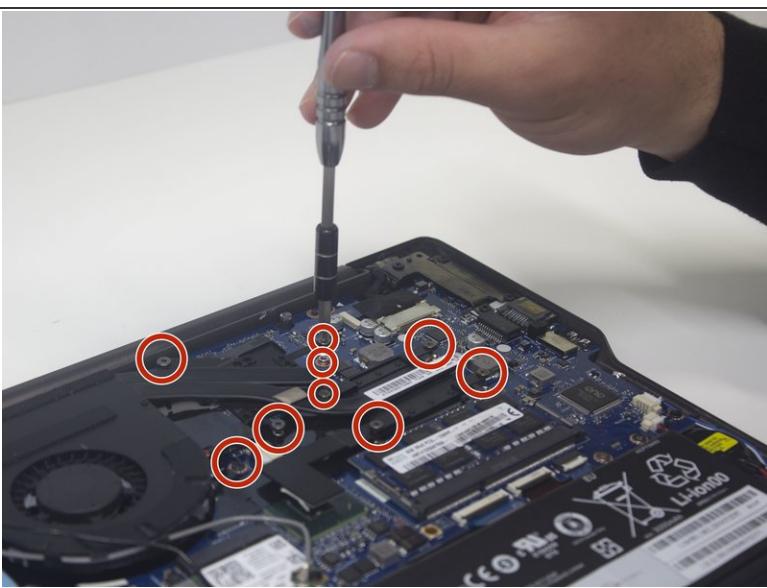
- [Phillips #000 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)

## Step 1 — Cooling Fan



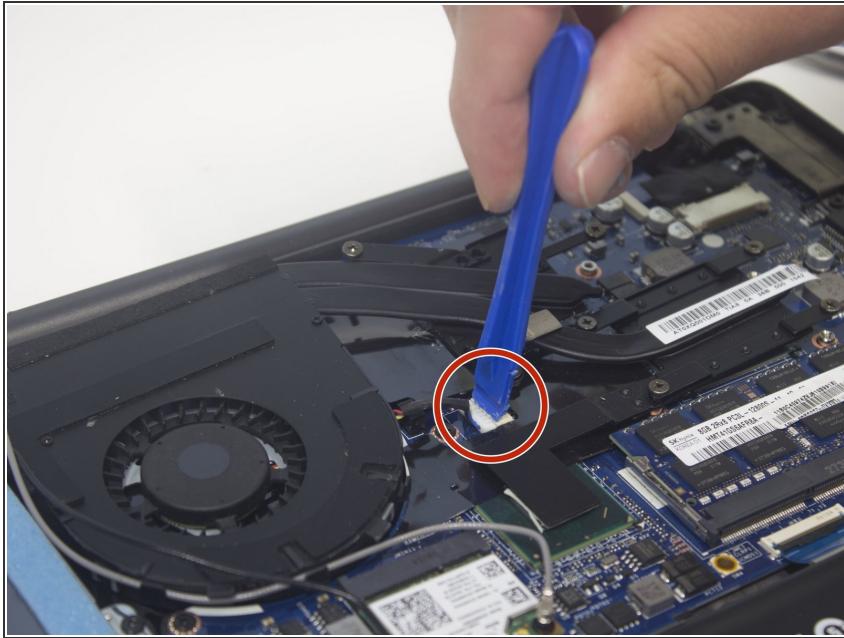
- Remove the 8 screws holding down the back panel using the Phillips screw driver #000.

## Step 2



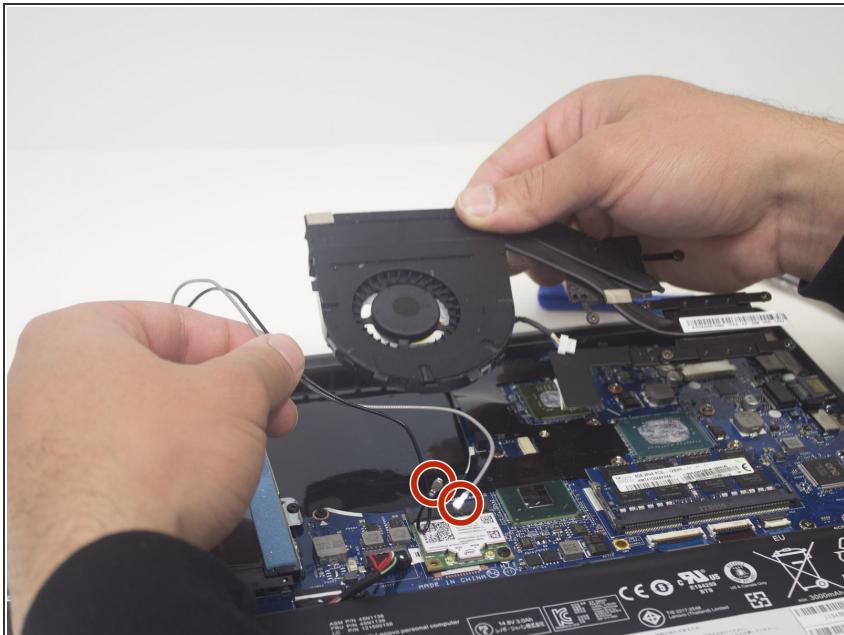
- Remove the 9 wafer-head screws, size M2x4mm, using the Phillips screwdriver #000.

## Step 3



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

## Step 4



- Gently, remove the black and white wires surrounding the fan.

*(i)* The wires will be connected around the fan, you will have to remove them.

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