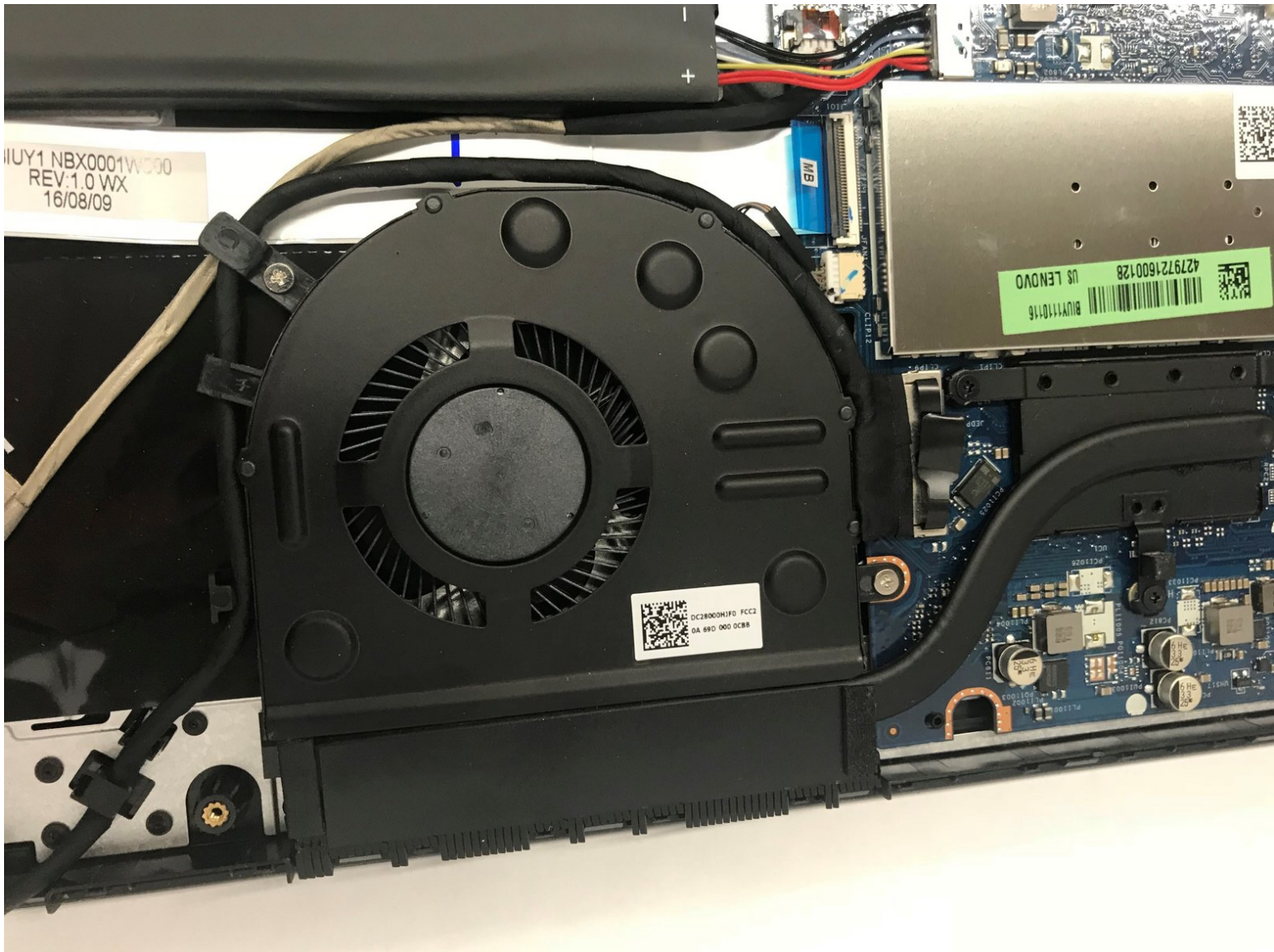




# Lenovo Ideapad Flex 4-1570 Cooling Fan Replacement

Replacing the cooling fan to reduce the loud, irregular sound.

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## INTRODUCTION

If the laptop is loud, sounds irregular, and the bottom is hot, use this guide to replace your cooling fan.

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### TOOLS:

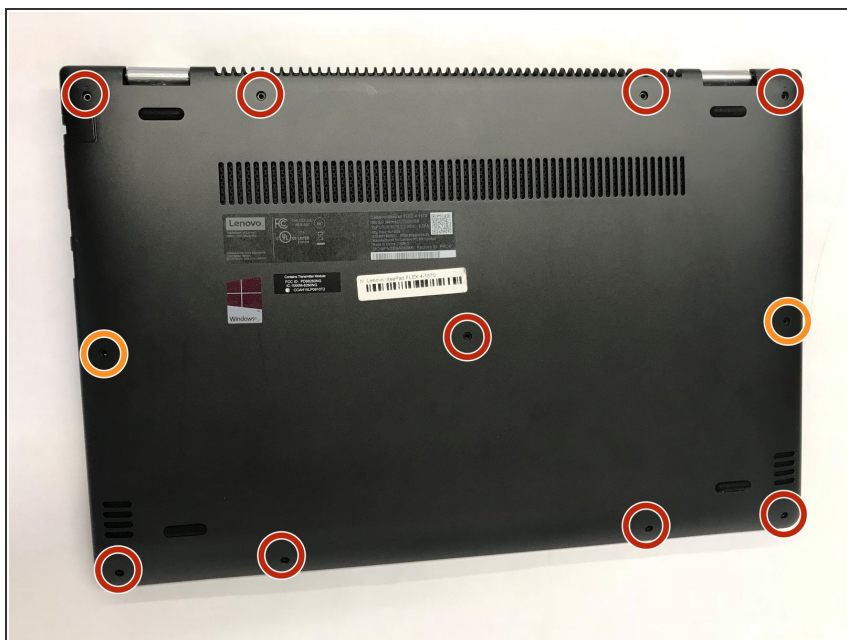
- [Magnetic Project Mat](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Tweezers](#) (1)
  - [T5 Torx Screwdriver](#) (1)
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## Step 1 — Back Panel



⚠ Turn off your laptop before you begin.

## Step 2



- Remove the nine 6 mm screws using a T5 Torx Screwdriver.
- Remove the two 10 mm screws using a T5 Torx Screwdriver.

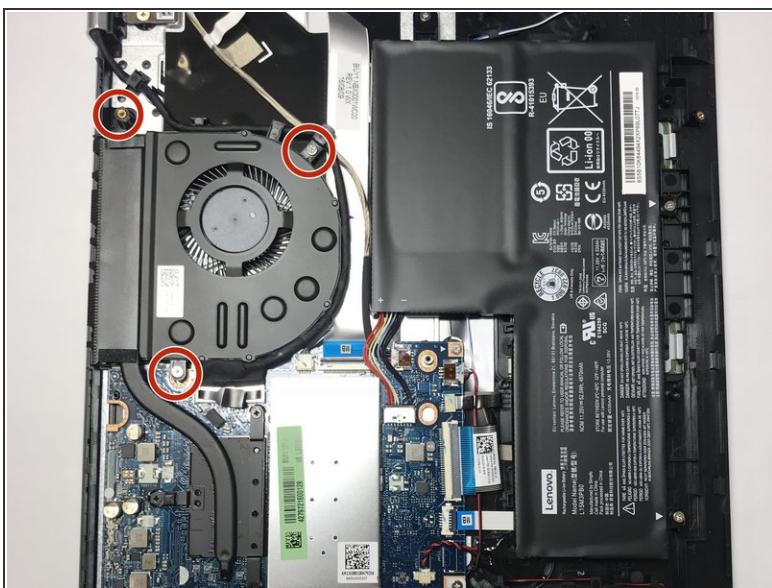


### Step 3



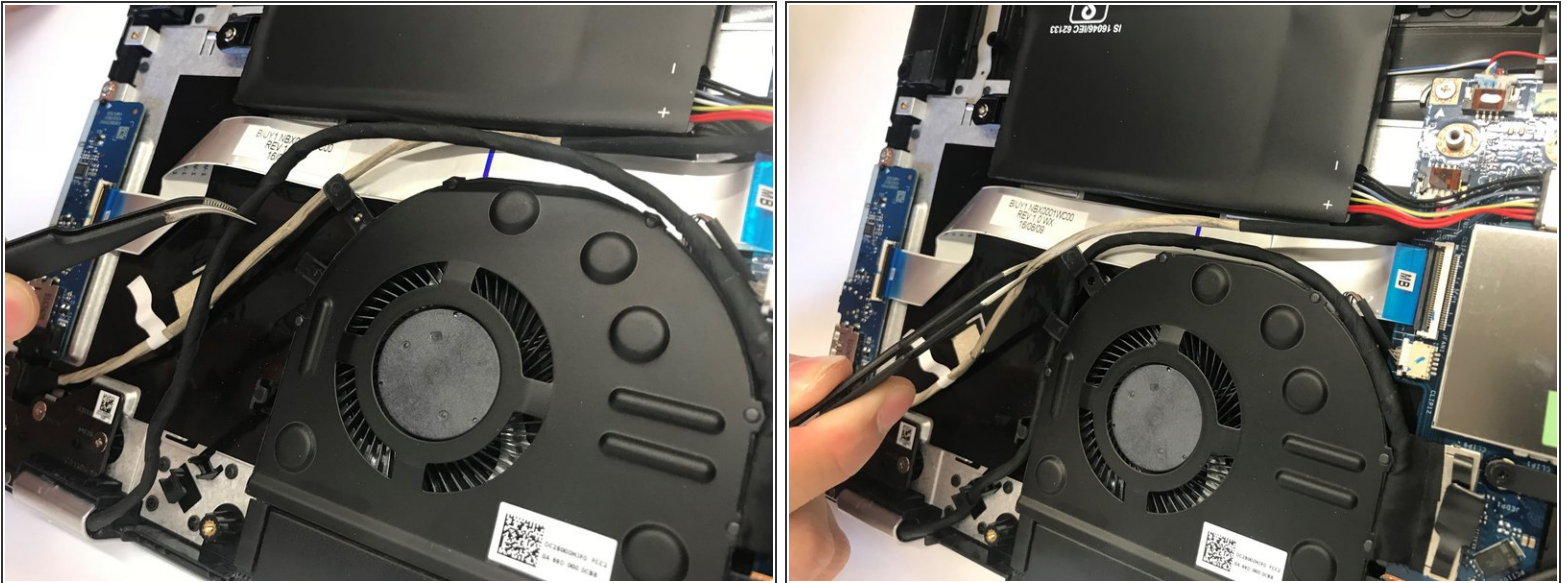
- After all of the screws are removed, use a plastic opening tool to carefully pry the black cover off.
- Remove the back cover.

### Step 4 — Cooling Fan



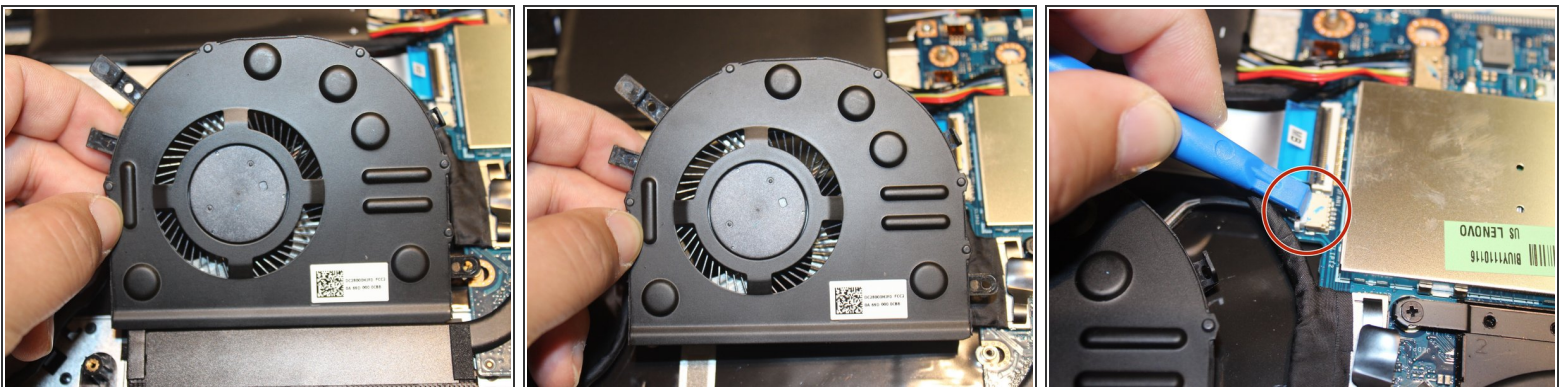
- Remove the three 5mm screws using the T5 Torx Screwdriver.

## Step 5



- Pull black wire and gray wire away from cooling fan clips using the tweezers.

## Step 6



- Pull out the cooling fan from where it is attached and pull it up until you see where the wire is attached to the motherboard. Using the iFixit Opening Tools, detach the connector.

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