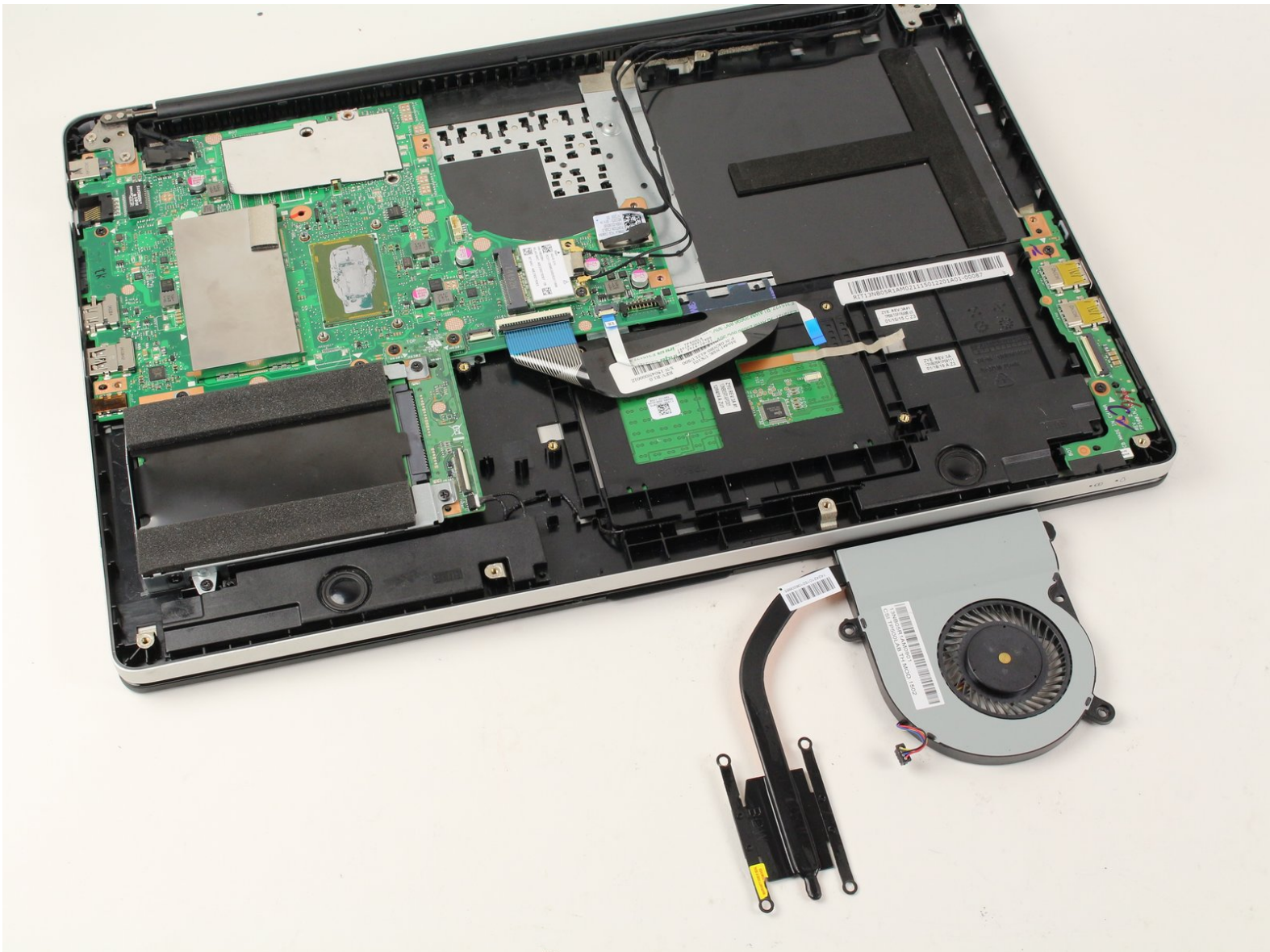# ASUS Transformer Book Flip TP500LA Fan Replacement

This guide describes the fan replacement for the ASUS Transformer Book Flip TP500LA released in 2014.

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INTRODUCTION

The fan is responsible for self cooling the computer during operation. Without a working fan, your computer is prone to overheating and continually shutting down. This guide will help you replace your faulty or broken fan in your ASUS Transformer Book Flip TP500LA.

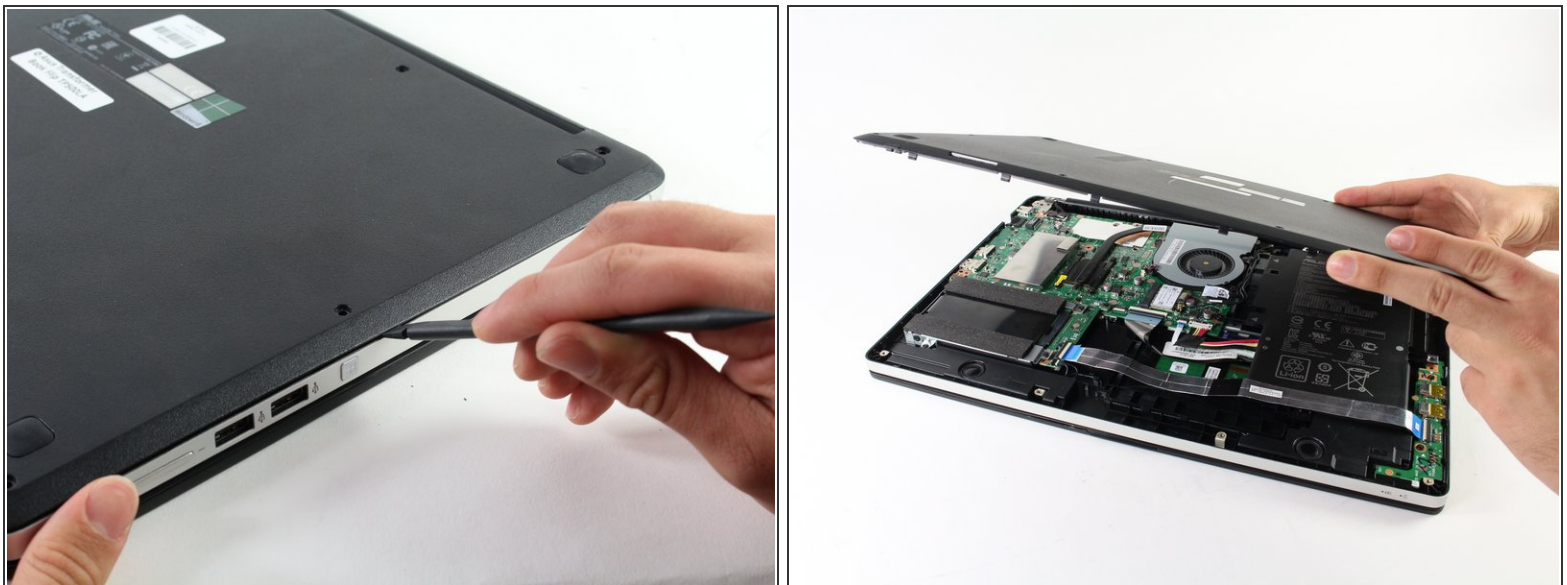### 🔧 TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Heavy-Duty Spudger](#) (1)
- [iFixit Opening Tools](#) (1)
- [Tweezers](#) (1)

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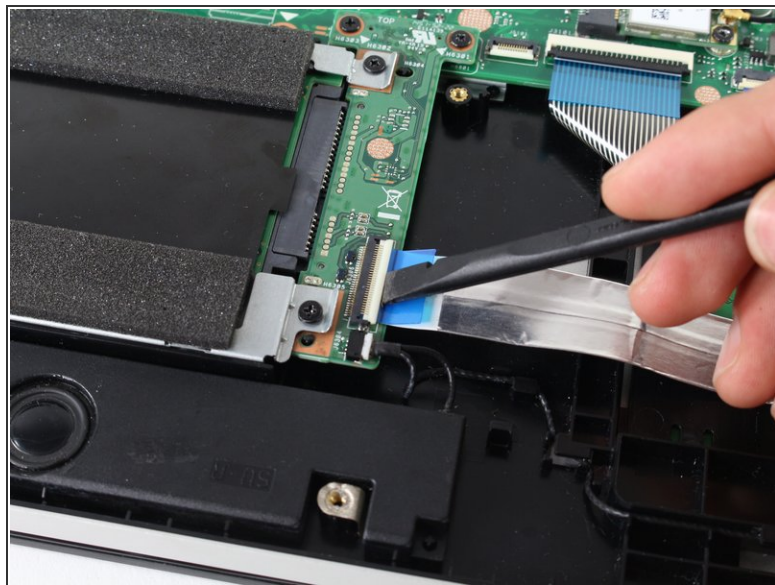
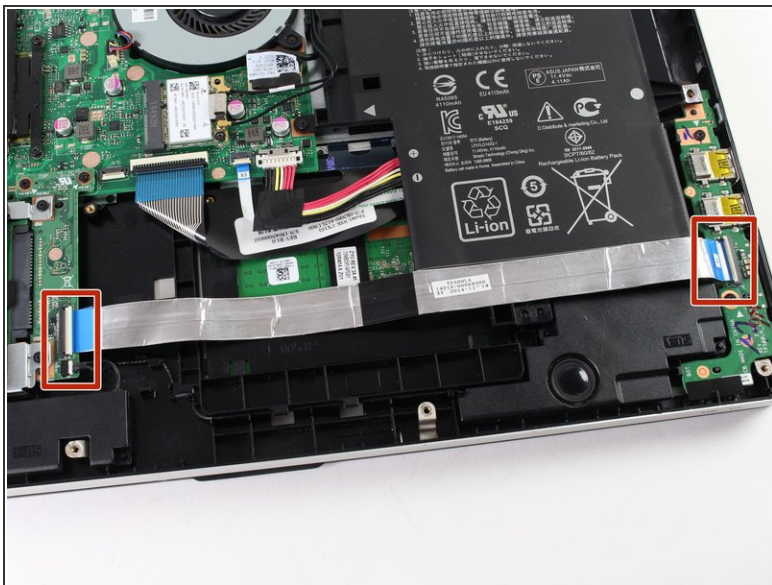www.iFixit.com

Step 1 — Back Case

- Remove the ten 10 mm Phillips #0 screws found on the computer's back case.
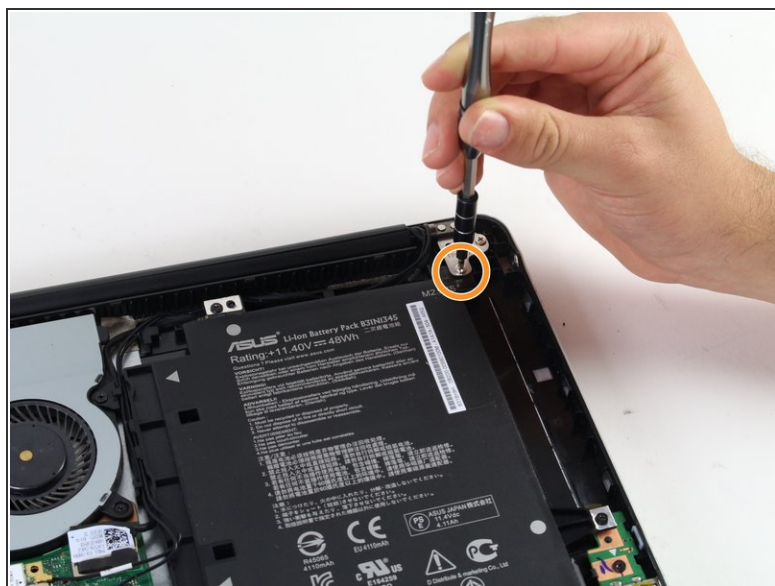
Step 2

- Slide a heavy-duty spudger between the back case and the computer.

- Slowly work around the edges to undo the clips to fully separate the back case from the computer.

- Gently lift off the back case.
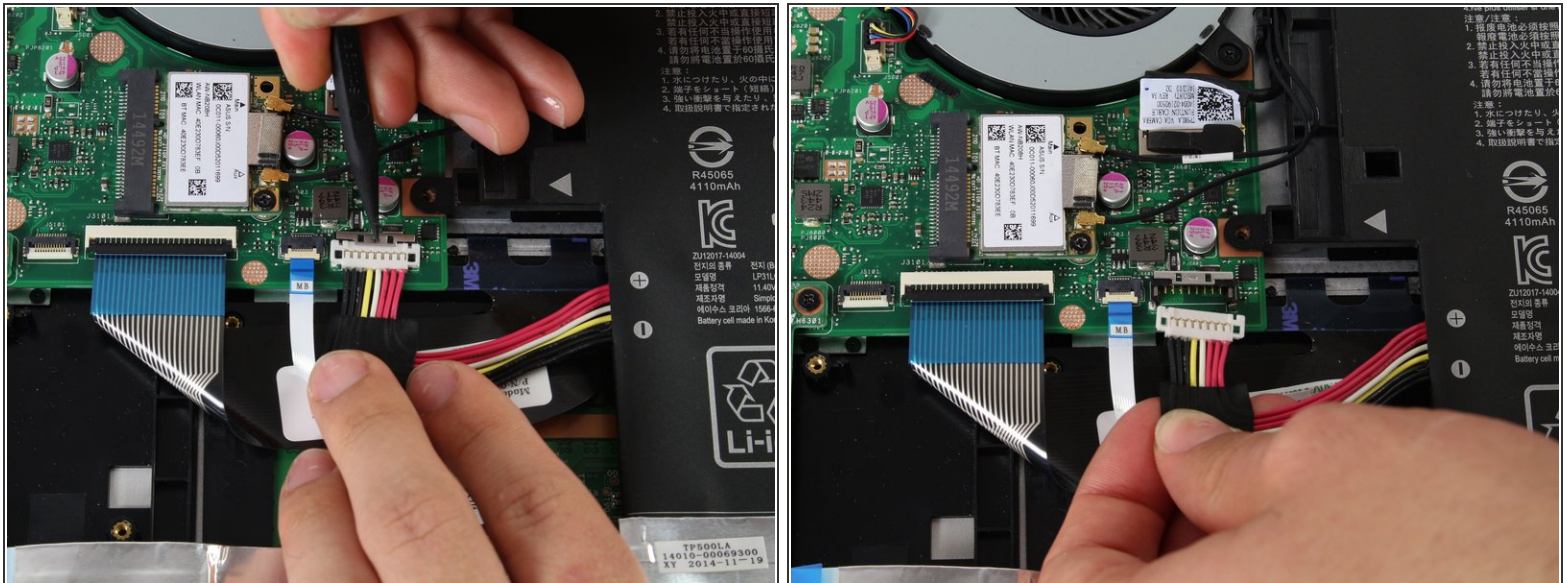
Step 3 — Battery

- Slide a heavy-duty spudger into the ZIF connector and gently flip up the retaining flap to open the connector.

- Pull the blue tab to remove the ribbon.

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Step 4

- Remove the three 5 mm Phillips #0 screws.

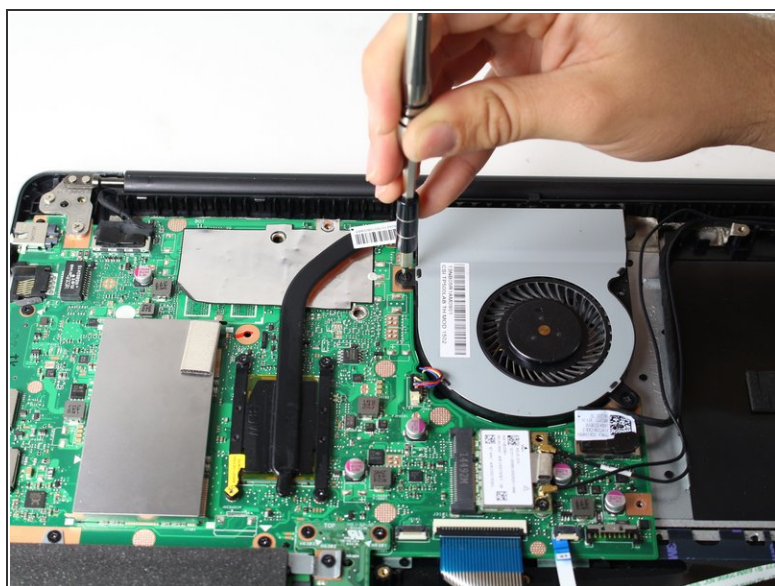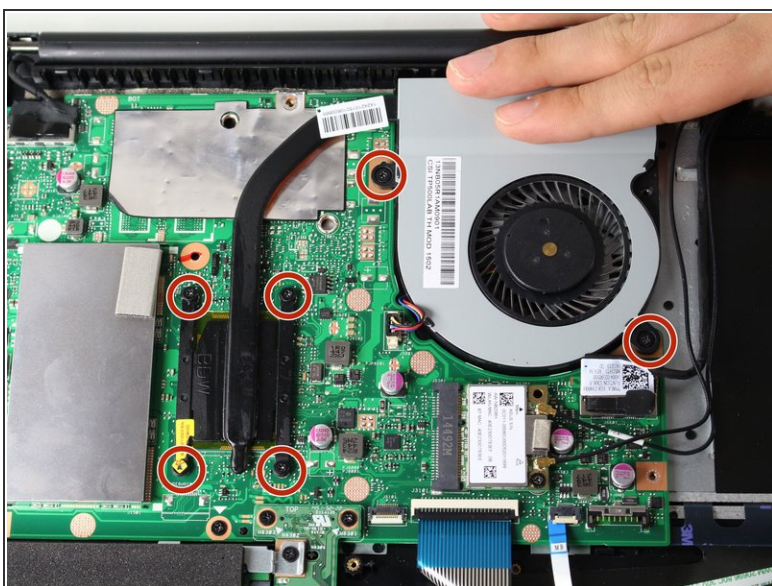- Remove the single 6 mm Phillips #0 screw.

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Step 5

- Use the heavy-duty spudger to pry the white 8-pin connector away from the motherboard.

- Gently pull the connector away from the motherboard.

⚠️ The black 8-pin connector on the motherboard is very fragile, so be careful when removing the white 8-pin connector.
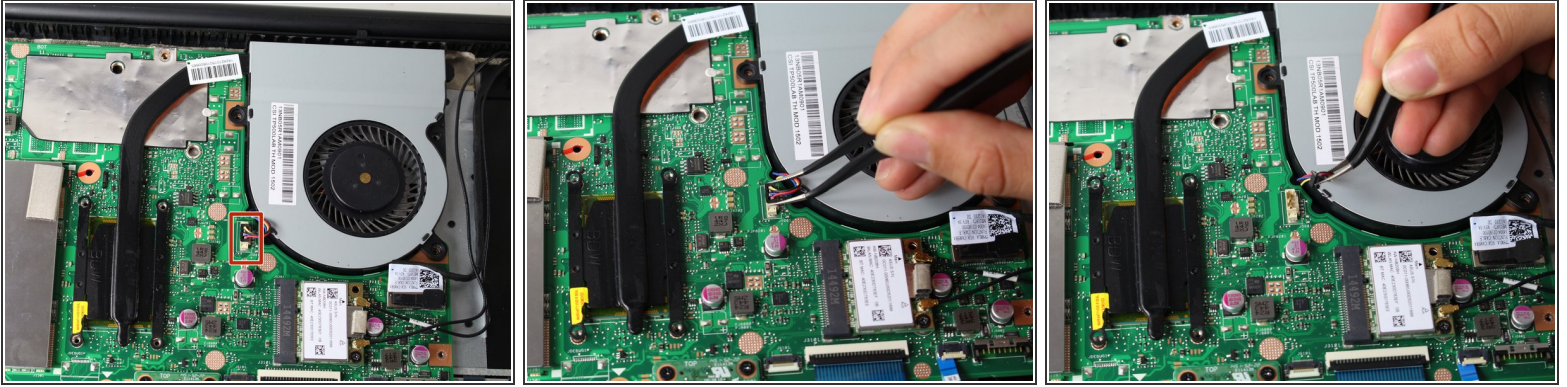
Step 6

- Use the blue plastic opening tool to loosen and remove the three black wires from the battery.

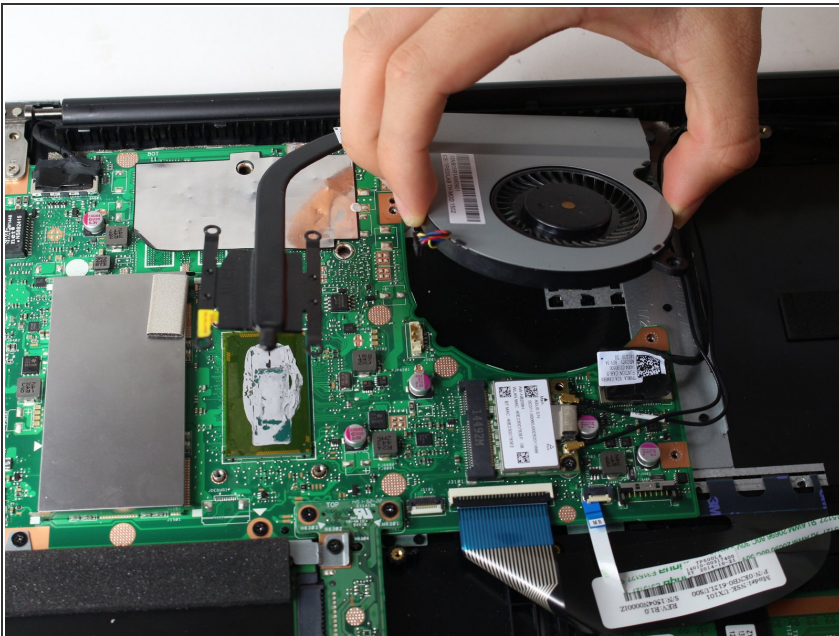- Slide the battery out from the computer to remove.

Step 7 — Fan

- Unscrew the six 5 mm Phillips #0 screws.

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Step 8

- Grasp the top of the 3-pin connector with tweezers.

- Wiggle the connector until it loosens itself from the motherboard.

- Gently lift the connector from the motherboard attachment.

Step 9

- Carefully lift the fan off the motherboard.

- ⚠ Attached to the fan is thermal pasting that needs to be reapplied when attaching the fan back to the motherboard. Follow this guide to reapply thermal pasting correctly.

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

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