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HP 17-bs049dx Fan Replacement

This guide will show you how to replace the fan in the HP 17-bs049dx laptop.

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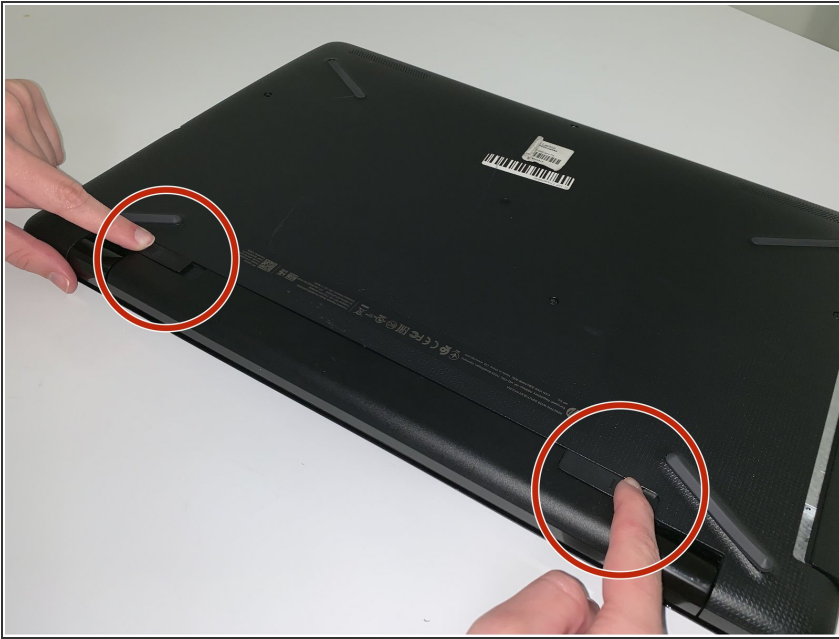
INTRODUCTION
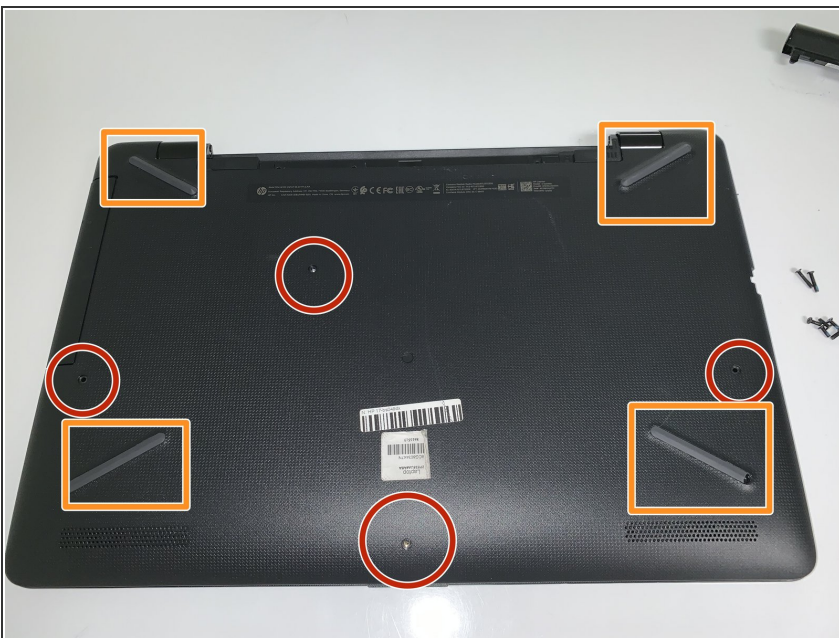
Use this guide to replace the fan in your laptop.

🔧 TOOLS:

- Metal Spudger (1)
- Phillips #0 Screwdriver (1)
- Phillips #000 Screwdriver (1)
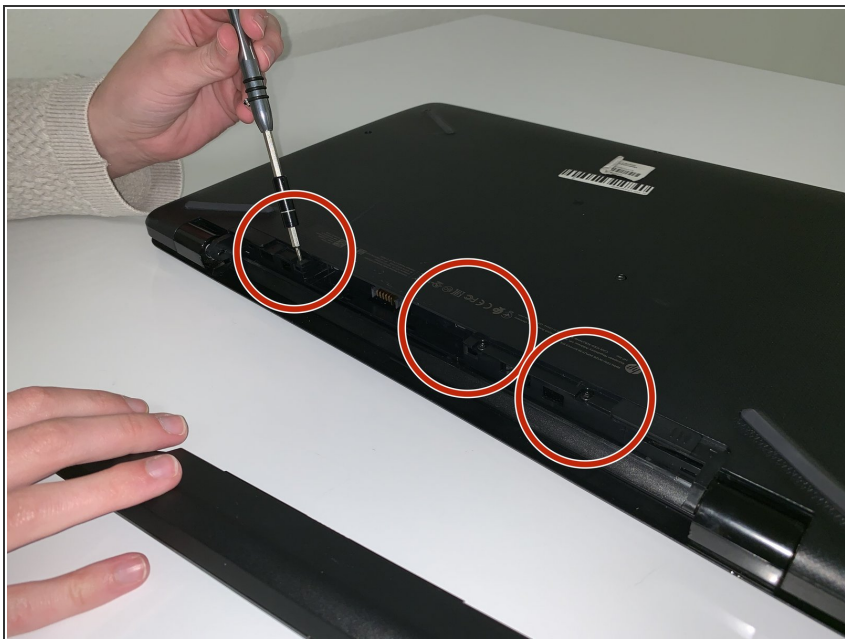
Step 1 — Battery

- To remove the battery, simply push the tabs towards each other.

- ⚠ The battery will come out with force, be sure to keep anything fragile away from the laptop during this process.

Step 2 — Back Panel

- Remove the four screws (13.7mm) with a Phillips #0 screwdriver.

- Be sure to lift all four rubber tabs to access screws (7.51mm) underneath.

- ⚠ Rubber tabs will require force to access screws.

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Step 3

- Use the Philips 0 screwdriver to unscrew the screws (7.51mm) that were underneath the battery.

Step 4

- Pull outwards on the disk reader to remove from main frame.

⚠️ This removal will require force.

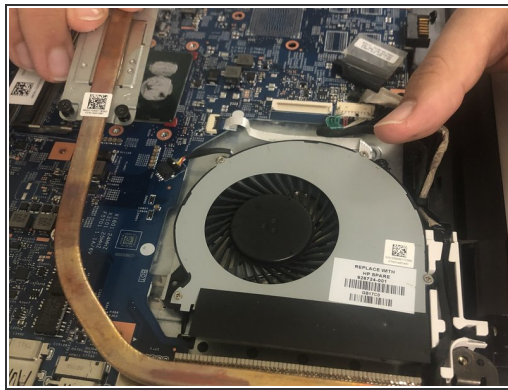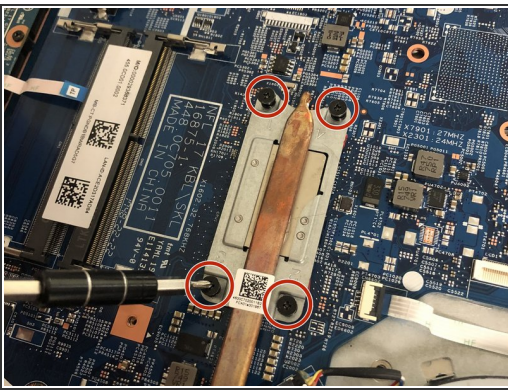⚠️ All screws must be removed before removing disk reader.

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Step 5

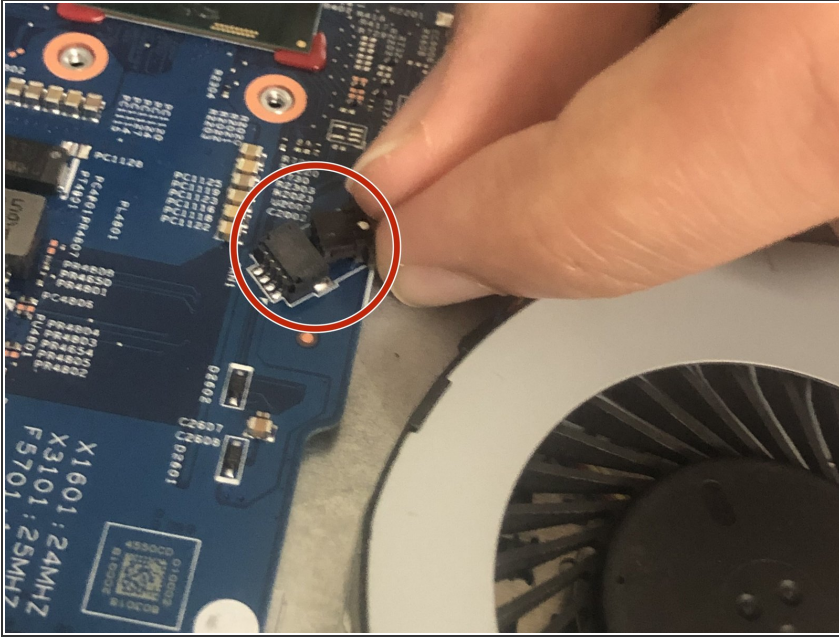- Lift back panel to access internal components.

- ⚠ You will need to use force to pry it open.

Step 6 — Fan

- Unscrew all four screws connecting the heatsink to the motherboard.

- ⓘ The screws holding the heat sink will not detach from the heat sink.

- 📌 All four screws must be loosened before removing the heat sink.

- After loosening all screws remove the heat sink and store it in a safe place.

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Step 7

- After removing the heat sink, disconnect the cable connecting the fan to the motherboard.

Step 8

- Remove the old fan from the device.

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

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