HP EliteBook 1040 G4 Fan Replacement

This guide will show you how to replace the fan on the HP Elitebook 1040 G4.

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INTRODUCTION

Use this guide to replace the fan on the HP Elitebook 1040 G4. The fan is essential for expelling heat away from the laptop and keeping the hardware running smoothly. This prevents computers from overheating, shutting down, and damaging components. The fan may be producing excessively loud noise or creating an odd smell which may indicate the fan needs replaced. Although the fan can be replaced without removing the battery, we advise removing the battery before you begin to ensure safety and avoid any electrical issues.
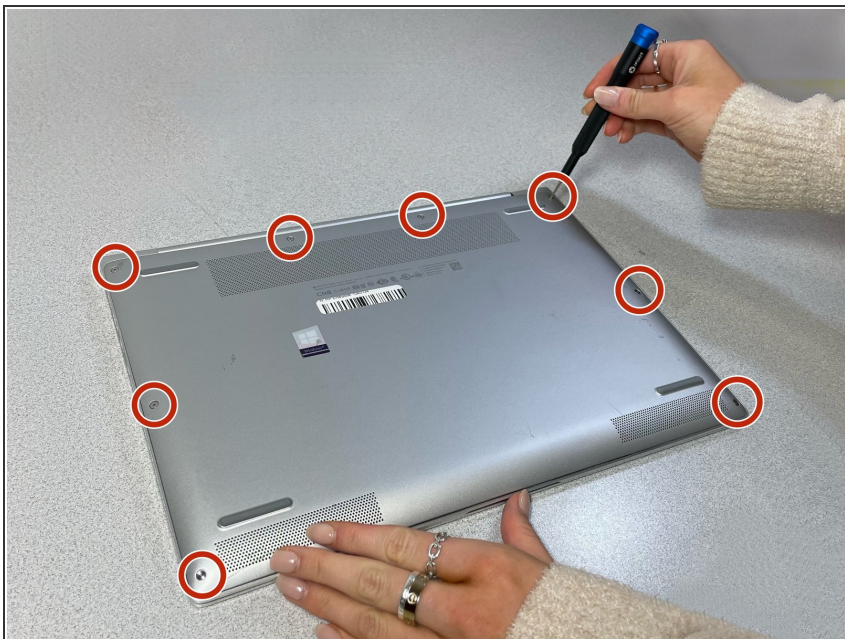
To complete this guide, you will need a #T5 Torx head screwdriver and a Philipps #0 and #00 screwdriver.

Before beginning, be sure to completely power off your computer.

🔧 TOOLS:

- T5 Torx Screwdriver (1)
- Phillips #00 Screwdriver (1)
- Phillips #0 Screwdriver (1)

Step 1 — Back Cover

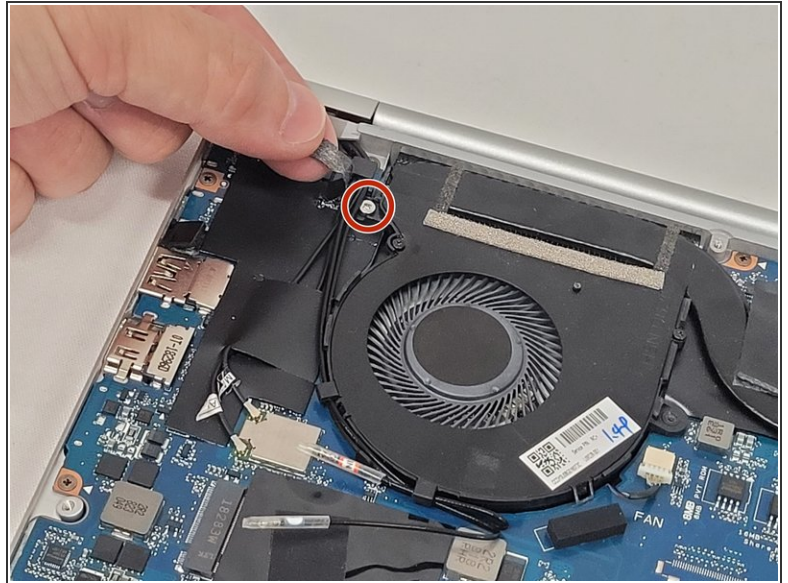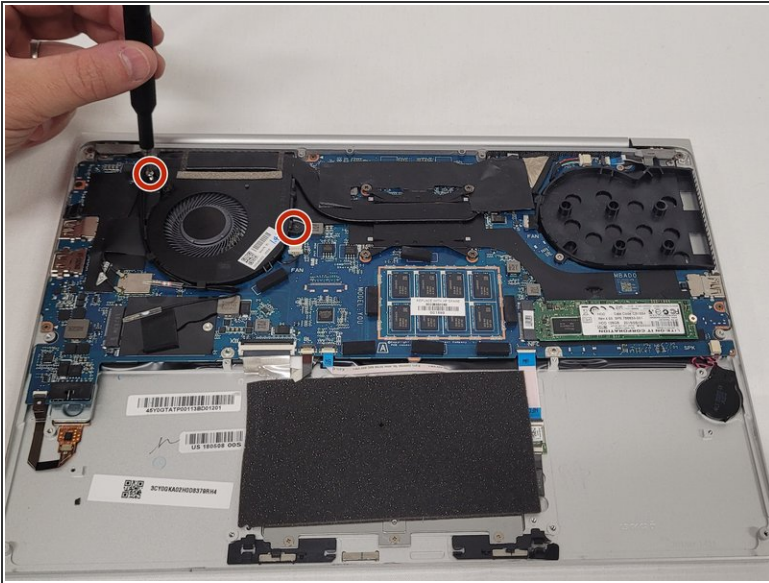
- Use a T5 Torx screwdriver to remove the eight 5 mm screws securing the back cover to the chassis.
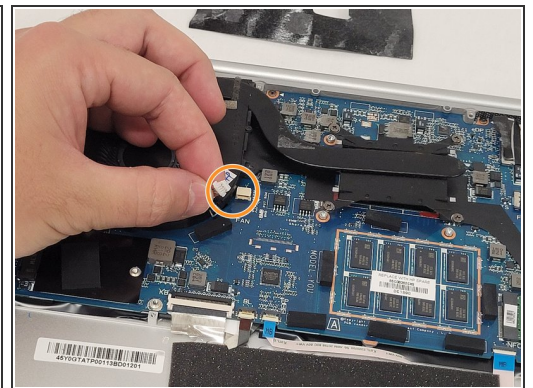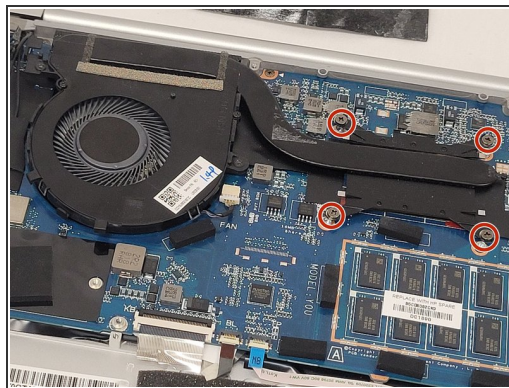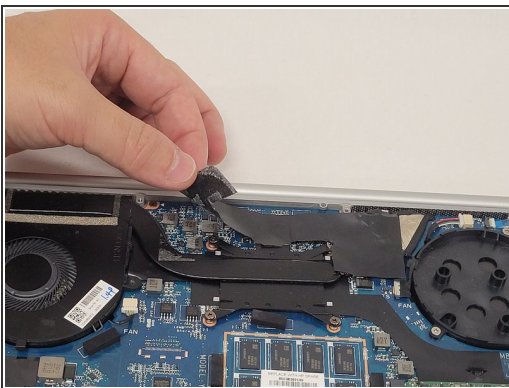
Step 2

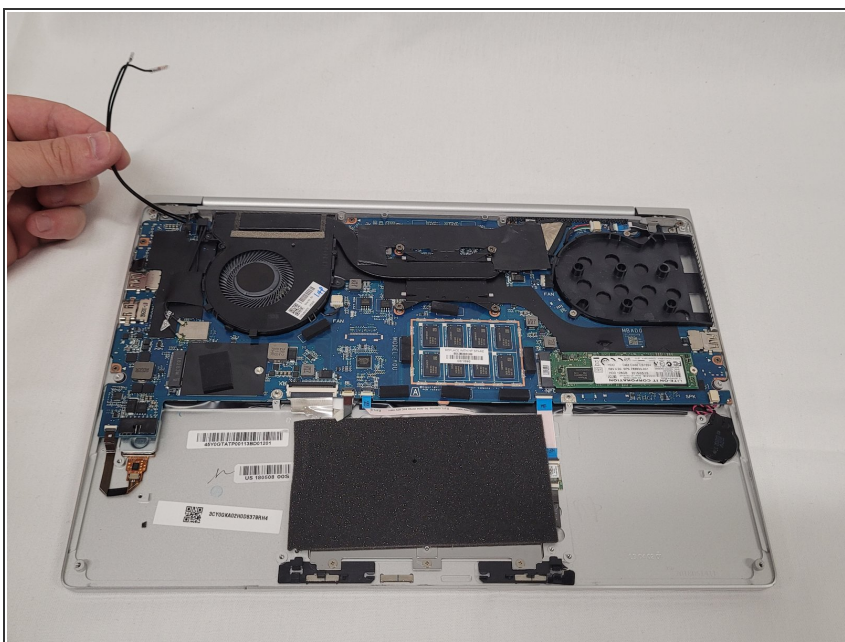- Lift the back cover up and off the device.

Step 3 — Fan

- Using the Phillips #0 screwdriver, remove the two silver 5 mm screws surrounding the fan.

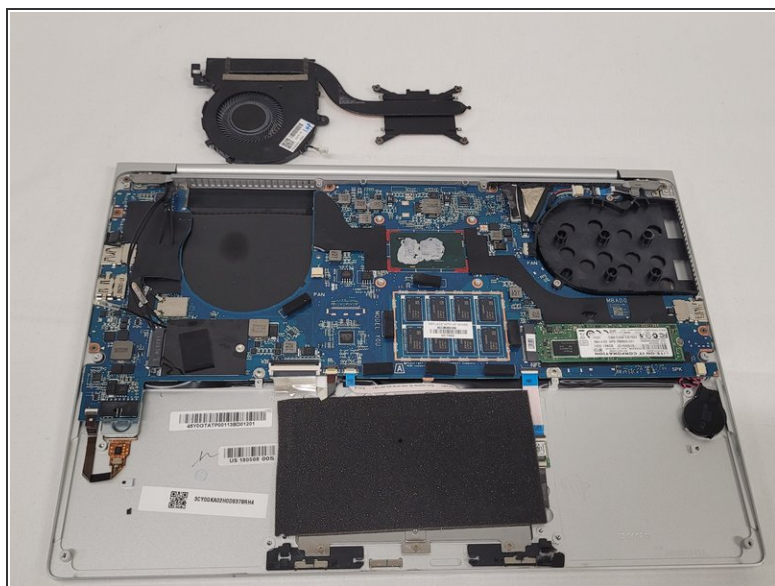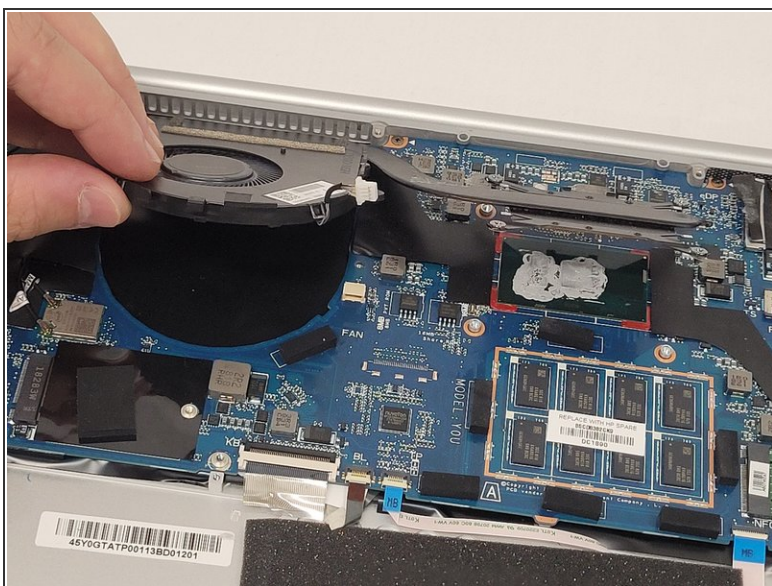- ⓘ The top left screw may be hidden under shielding tape.

Step 4

- Remove the electrical tape to expose the heat sink screws.

- Using the Phillips #0 screwdriver, unscrew the four screws securing the heatsink to the motherboard.

- Carefully disconnect the pin connector by pulling it from its slot.

Step 5

- Carefully remove the wires from the clip to the left of the fan.

Step 6

- Lift and remove the fan and heatsink assembly from the device.

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

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