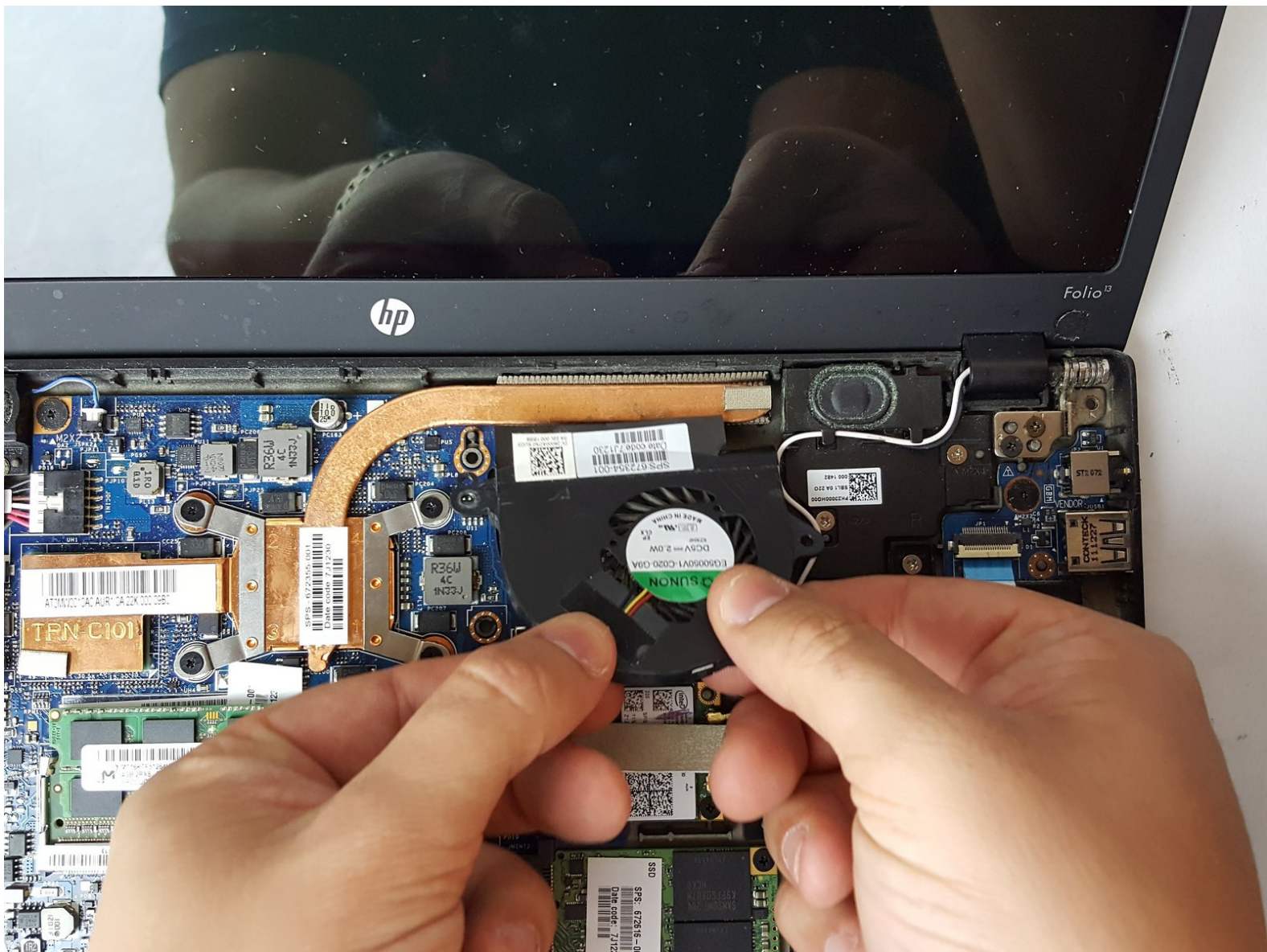# HP Folio 13t-1000 Cooling Fan Replacement

This guide will walk you through the process of detaching the cooling fan used to keep the device at the proper temperature.

Written By: Josh Rollins

This document was generated on 2020-11-16 08:45:14 PM (MST).

INTRODUCTION

Make sure you have completed the keyboard replacement guide and the top cover removal guide.

A broken cooling fan can cause your laptop to overheat. This guide will show you how to correctly replace the cooling fan for your HP Folio 13t-1000.

🔧 TOOLS:

- Phillips #1 Screwdriver (1)
- Spudger (1)
- Anti-Static Wrist Strap (1)

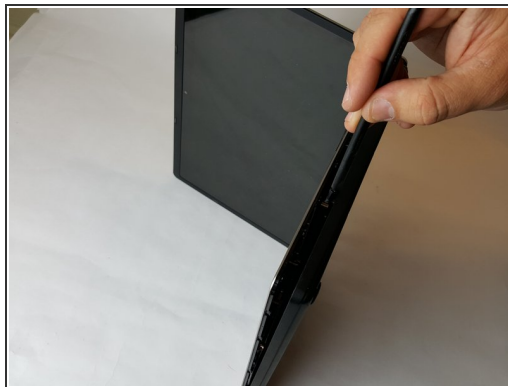This document was generated on 2020-11-16 08:45:14 PM (MST).

Step 1 — Keyboard

⚠️ Use an antistatic wrist wrap, or periodically touch unpainted metal to minimize the risk of damaging the laptop by electrostatic shock.

● Use a PH1 screw head to remove the 16, 6mm screws from the bottom case housing of the laptop.
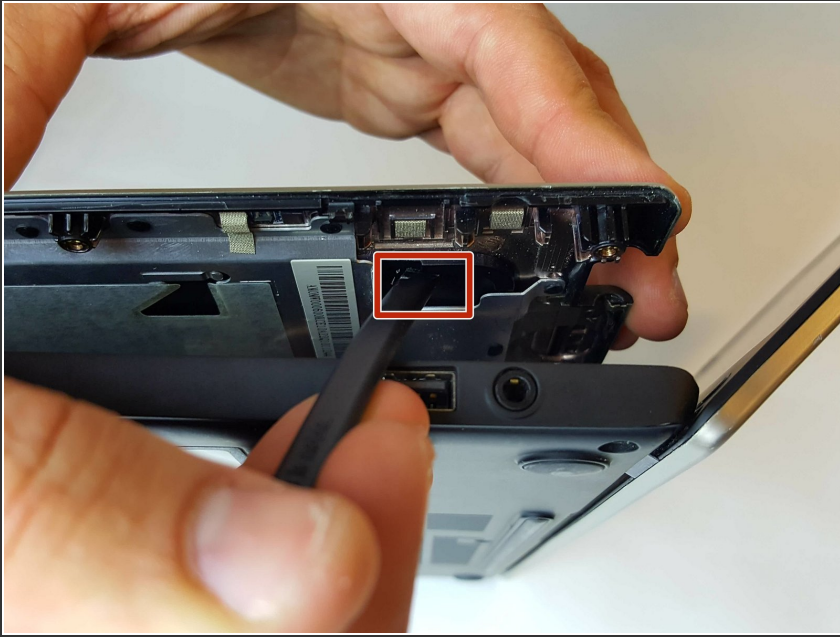
Step 2

ⓘ This step requires unlocking the very fragile plastic clips along the frame; take care not to damage them.

● Slide the spudger with a twisting motion along the entire perimeter of the laptop until the top cover is separated from the frame of the device.

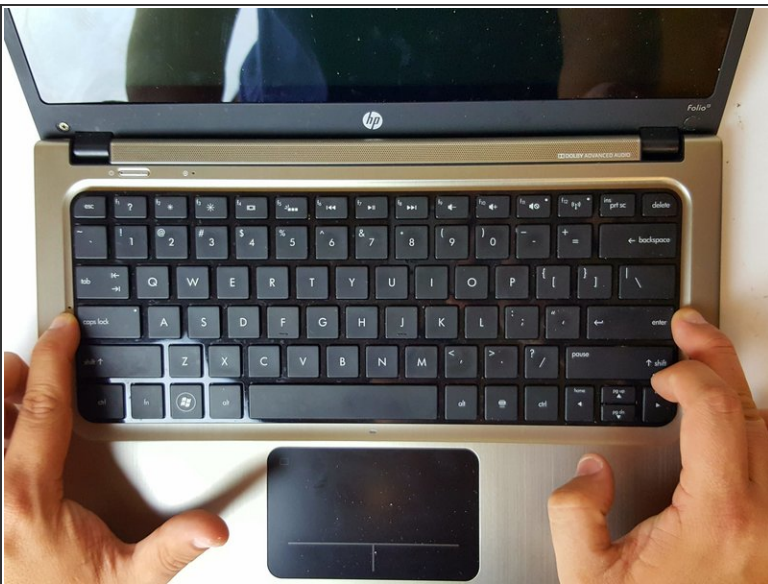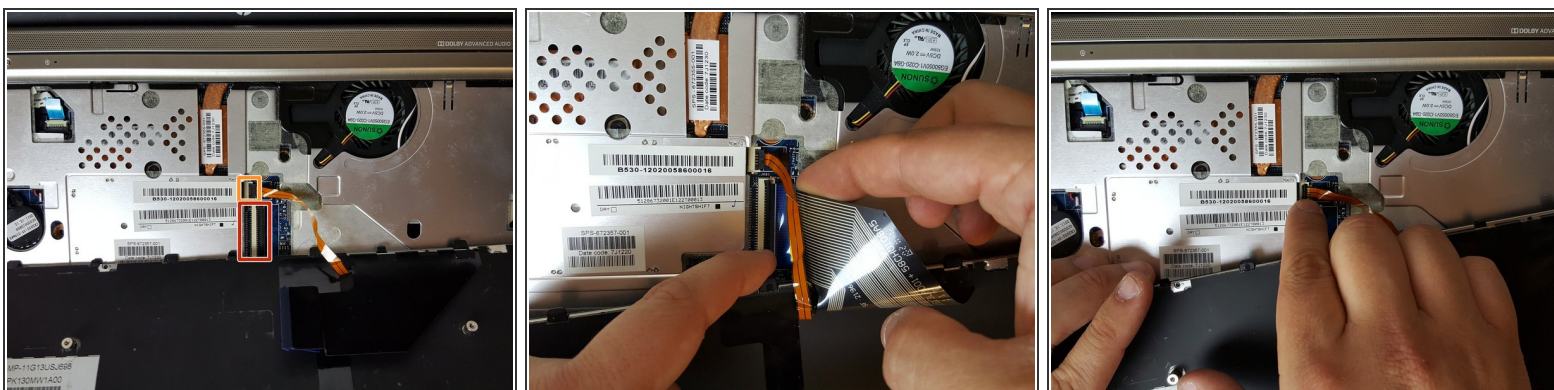This document was generated on 2020-11-16 08:45:14 PM (MST).

Step 3

- Using the flat portion of the plastic spudger, push the corner of the black surface until the first clip unlocks.

- The top right corner of the keyboard should now be sticking out slightly.

- Repeat the same process for the top left corner.

Step 4

- Slide the keyboard up and towards the screen just enough to separate the keyboard from the top cover.

Step 5

- To unlock the clamps connected to the motherboard, use your fingers or insert the pointed edge of the spudger between the first clamp and the cable.
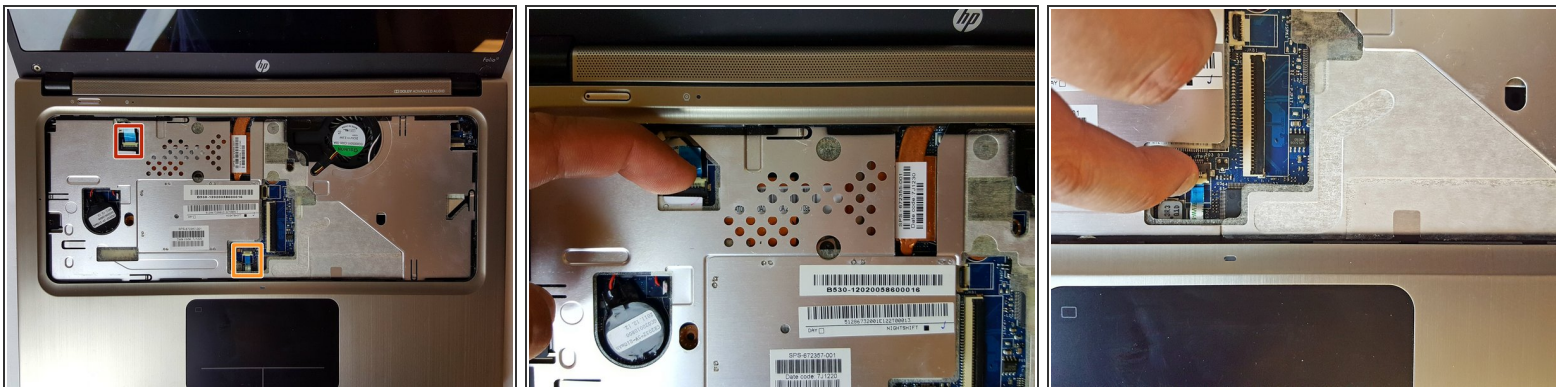
- Repeat the same process for the second clamp.

Step 6

- Remove the keyboard from the laptop.

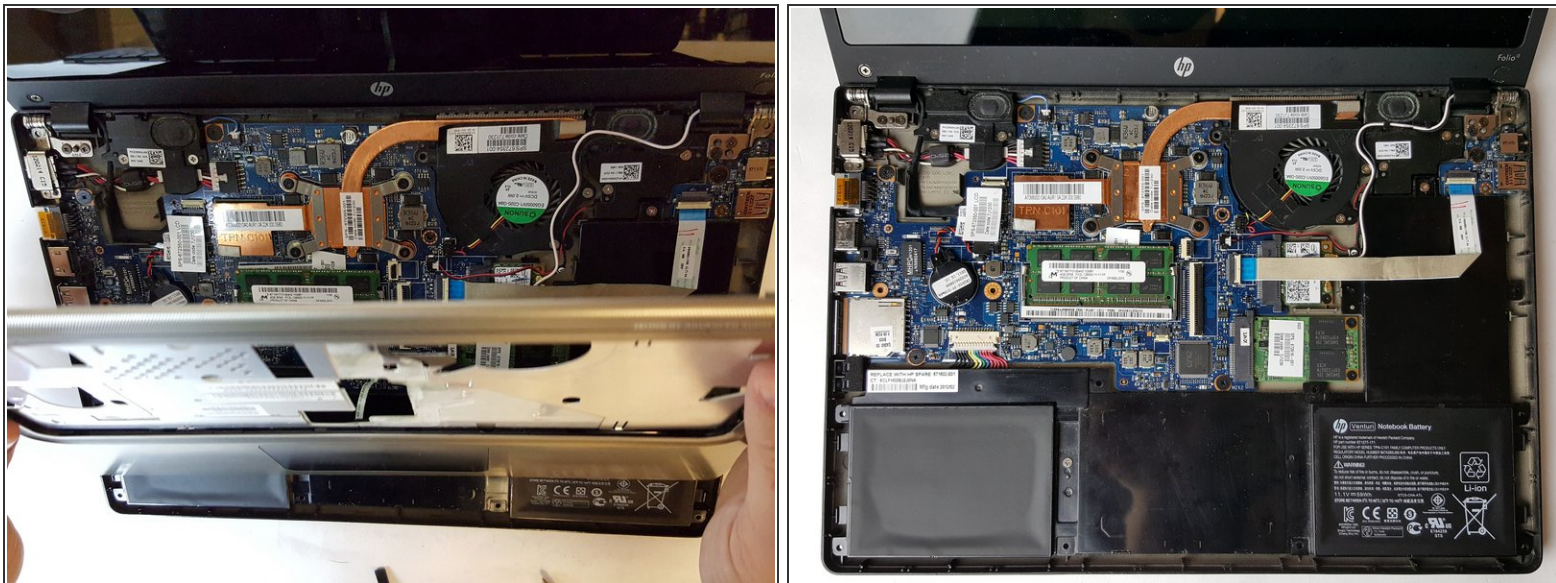This document was generated on 2020-11-16 08:45:14 PM (MST).

Step 7 — Top Hardware Cover

- Place your finger between one of the plastic clamps and the cable and apply a slight leveraging force until the clamp pops up.
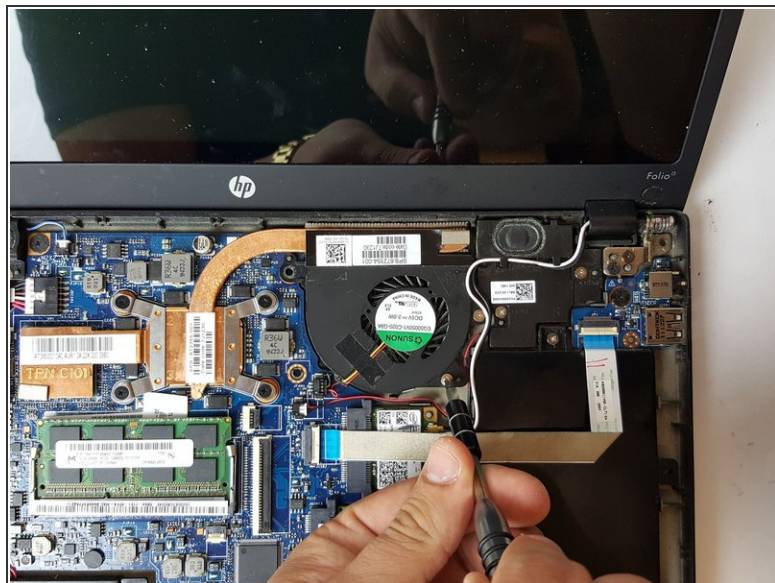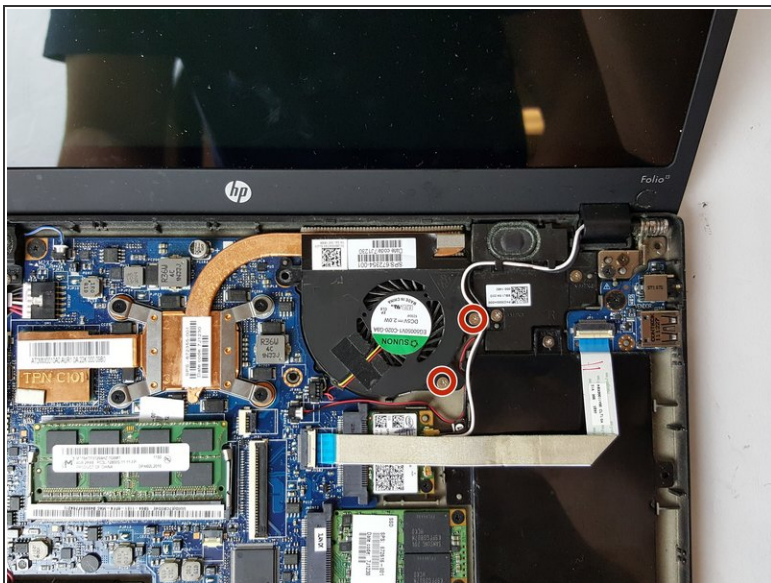
- Do the same for the second connection.
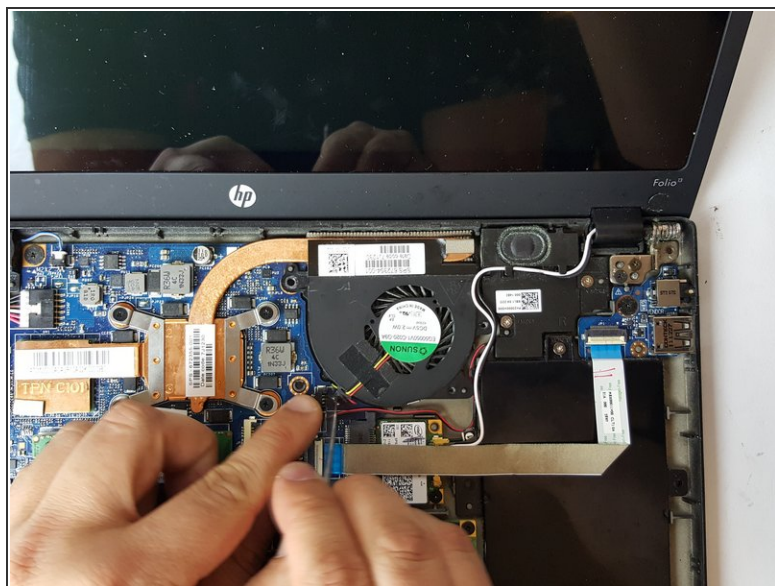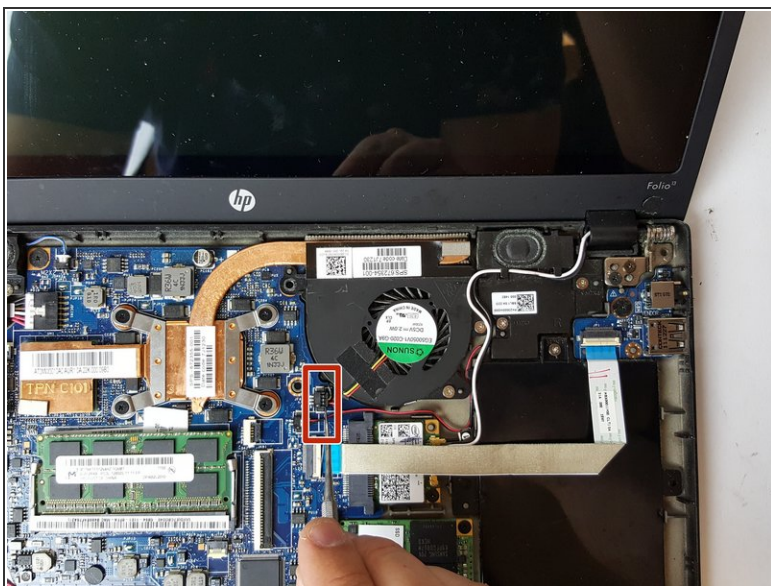
Step 8

- Remove the top hardware cover.
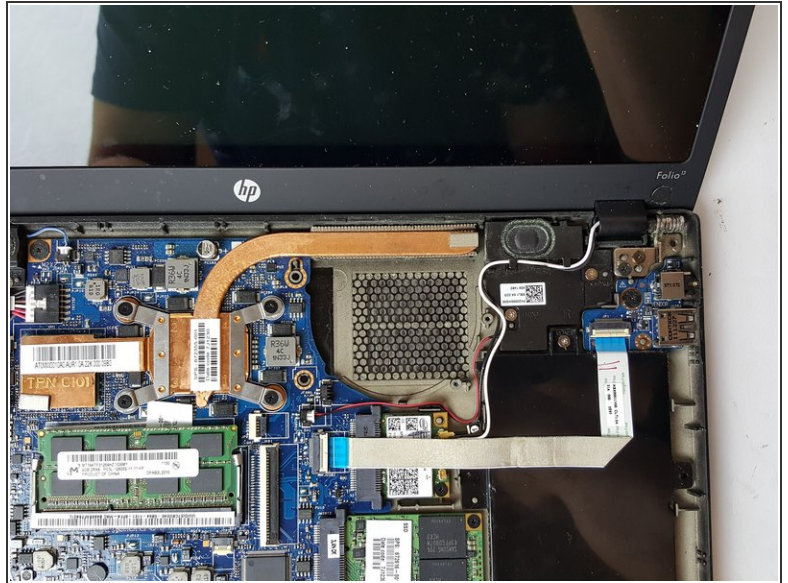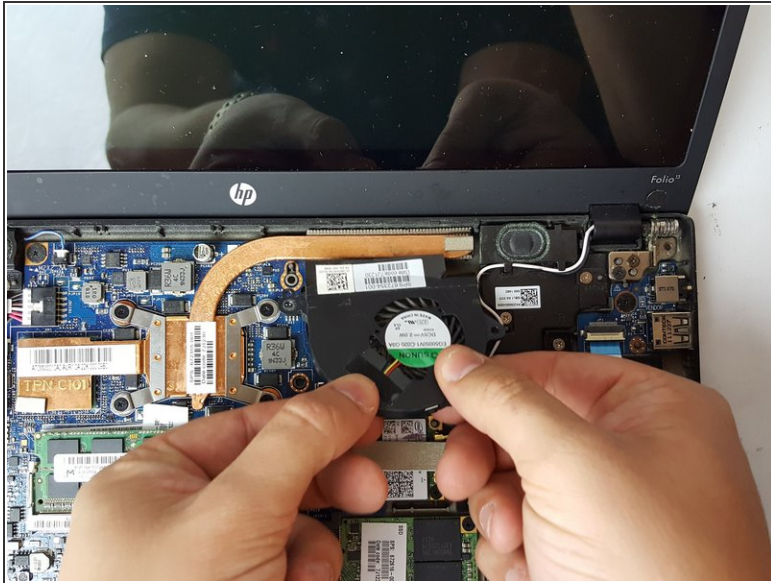
Step 9 — Cooling Fan

- Use a PH1 screw head to remove the two, 3mm screws.

Step 10

- Remove the connection from the fan to the motherboard by using the nylon spudger or your fingers.

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Step 11

- Remove and replace the cooling fan.

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

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