



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.

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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)
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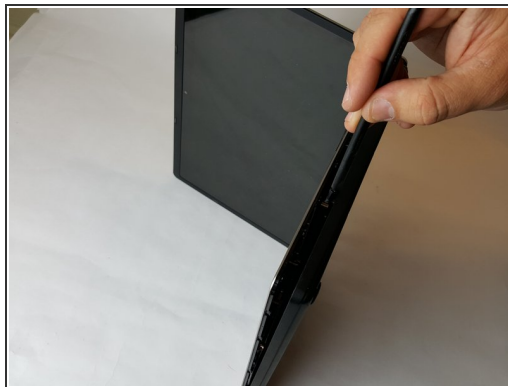
Step 1 — Keyboard




 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.

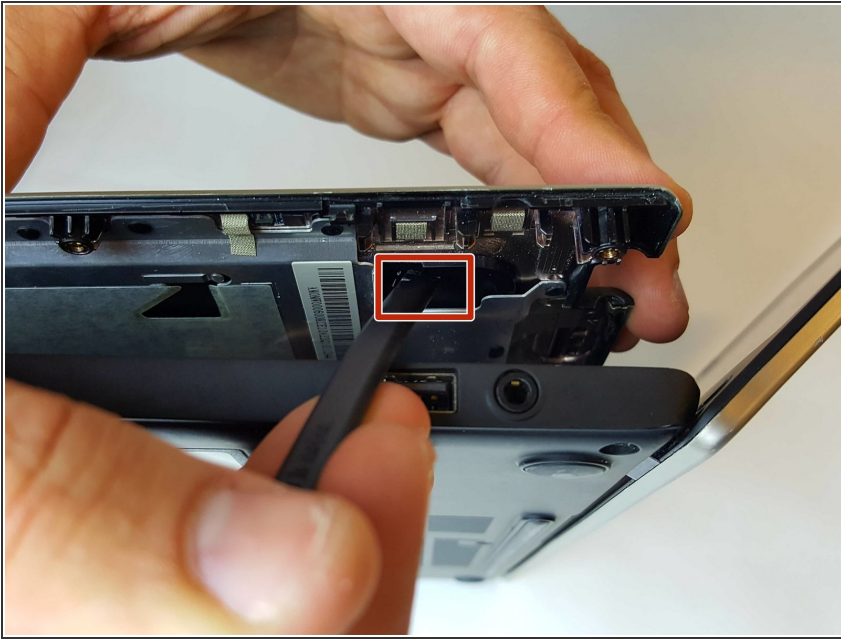
Step 2



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

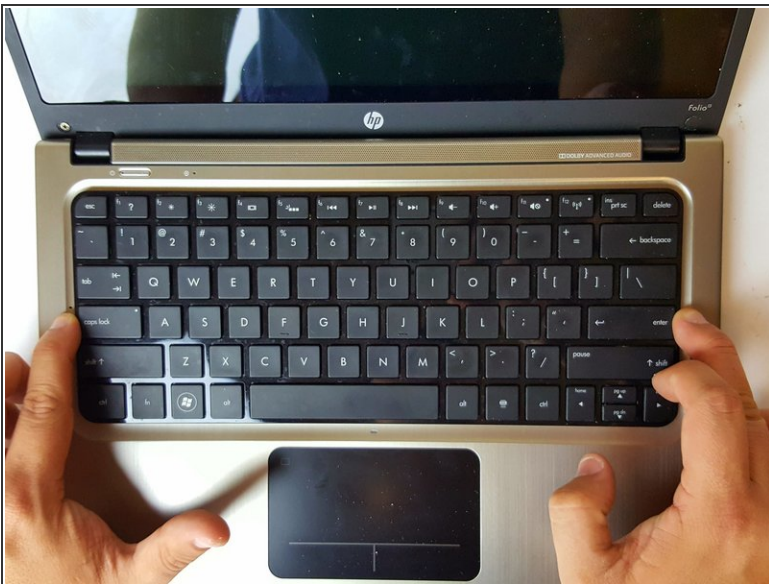
- Slide the spudger with a twisting motion along the entire perimeter of the laptop until the top cover is separated from the frame of the device.

Step 3



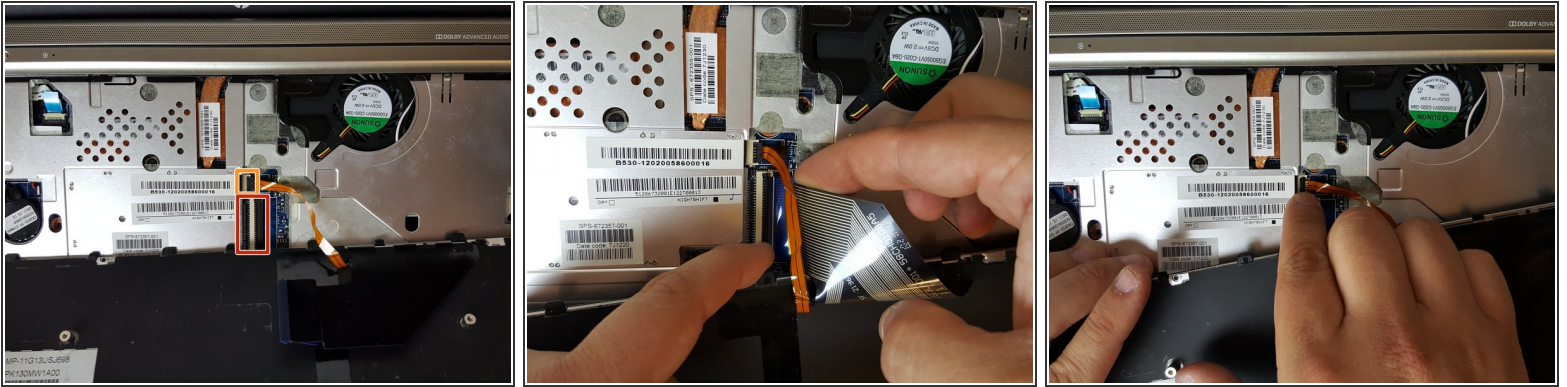
- Using the flat portion of the plastic spudger, push the corner of the black surface until the first clip unlocks.
- The top right corner of the keyboard should now be sticking out slightly.
- Repeat the same process for the top left corner.

Step 4



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

Step 5



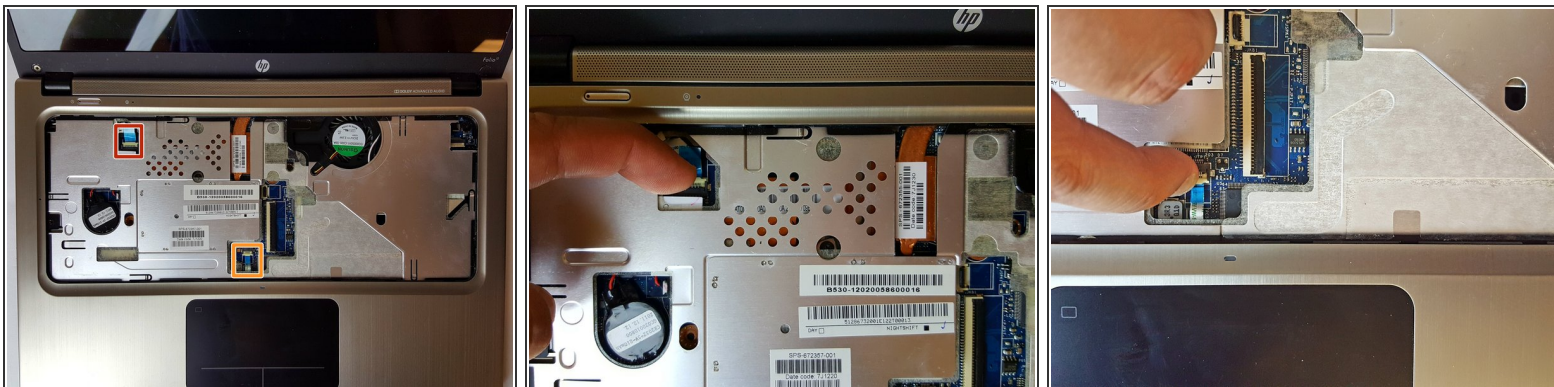
- To unlock the clamps connected to the motherboard, use your fingers or insert the pointed edge of the spudger between the first clamp and the cable.
- Repeat the same process for the second clamp.

Step 6



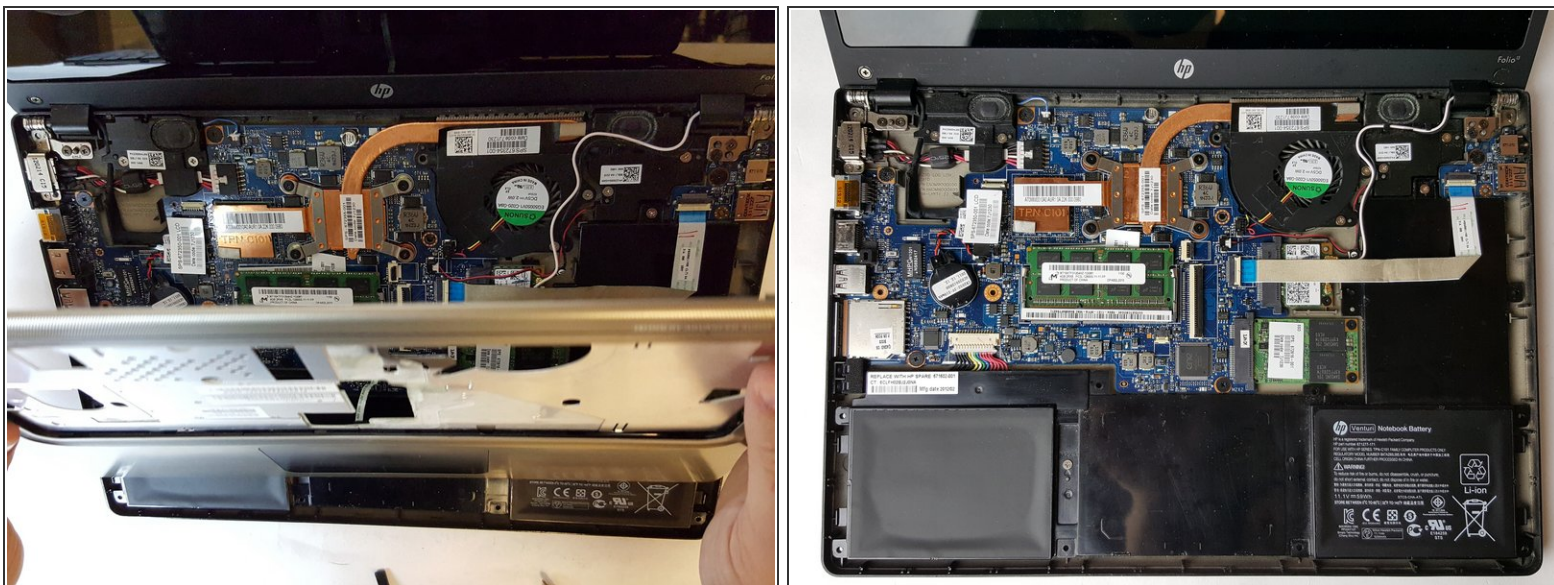
- Remove the keyboard from the laptop.

Step 7 — Top Hardware Cover



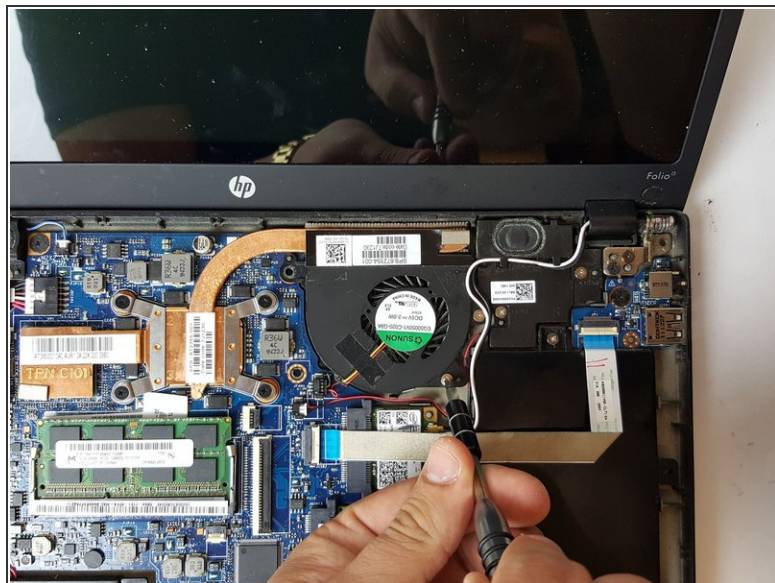
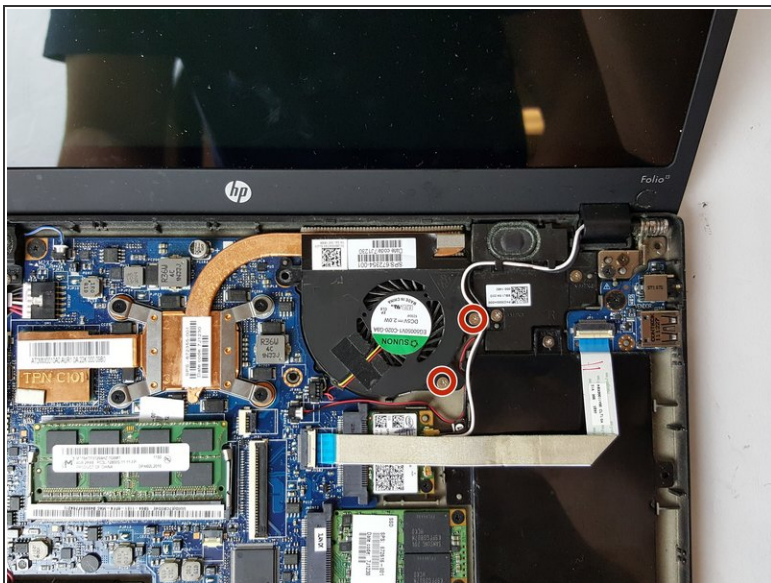
- Place your finger between one of the plastic clamps and the cable and apply a slight leveraging force until the clamp pops up.
- Do the same for the second connection.

Step 8



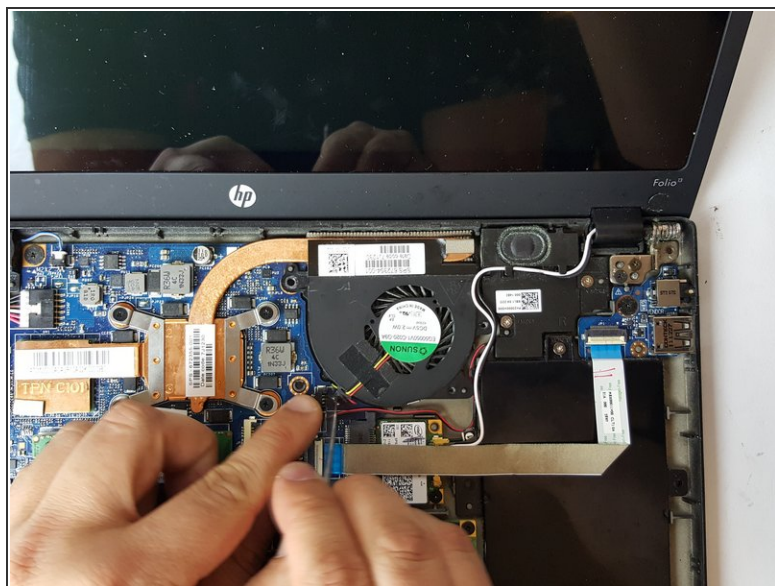
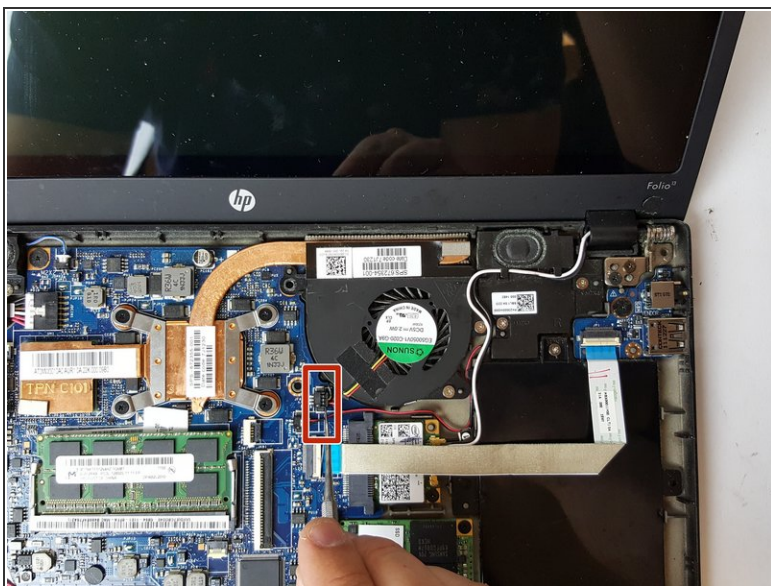
- Remove the top hardware cover.

Step 9 — Cooling Fan



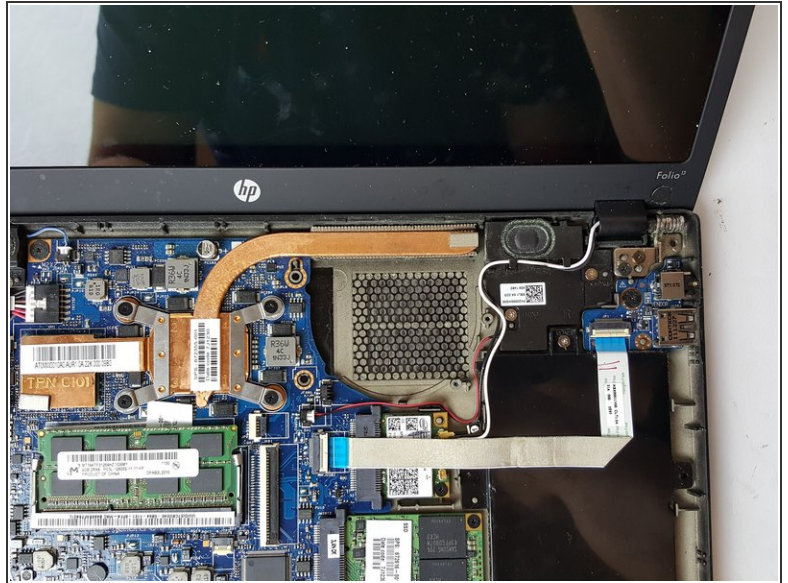
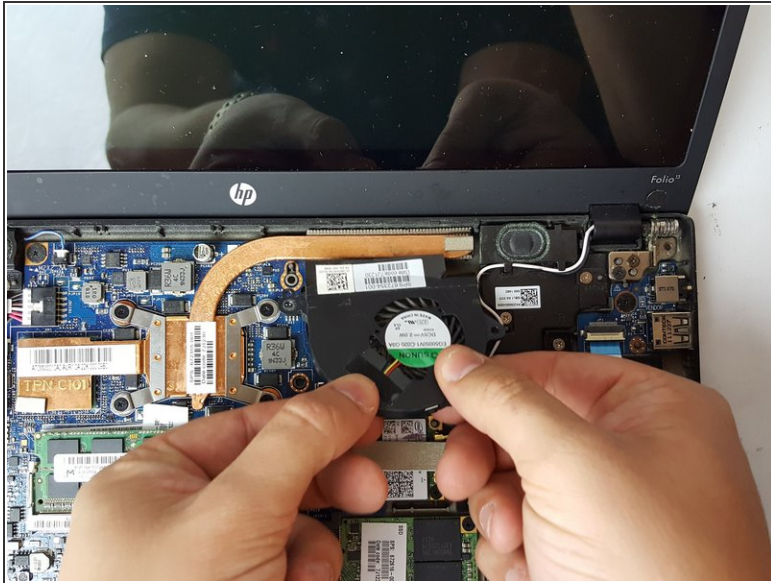
- Use a PH1 screw head to remove the two, 3mm screws.

Step 10



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

Step 11



- Remove and replace the cooling fan.

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