



HP Envy Ultrabook 4-1015dx Cooling Fan Replacement

Removing the cooling fan in the HP Envy Ultrabook 4-1015dx for replacement or repair purposes.

Written By: Eve Wyman



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INTRODUCTION

This guide will teach you how to repair or replace the cooling fan in the HP Envy Ultrabook 4-1015dx. This process is also a prerequisite for replacing the keyboard.

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)

Step 1 — Battery



- Make sure that the device is turned off and that all external devices are removed.

Step 2



- Flip the device over so that the back plate is facing upwards.

Step 3



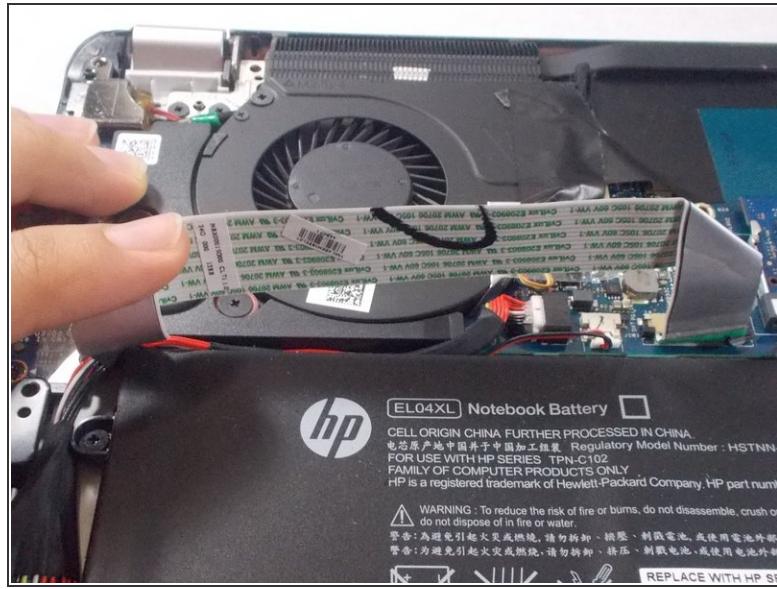
- Using a small (size 0) Phillips head screwdriver, remove the twelve 5.5 mm external Phillips head screws that connect the back plate to the device.
- ▣ Make sure to set the screws aside in a safe place so that you do not lose them, as they will be needed to reattach the backplate later.

Step 4



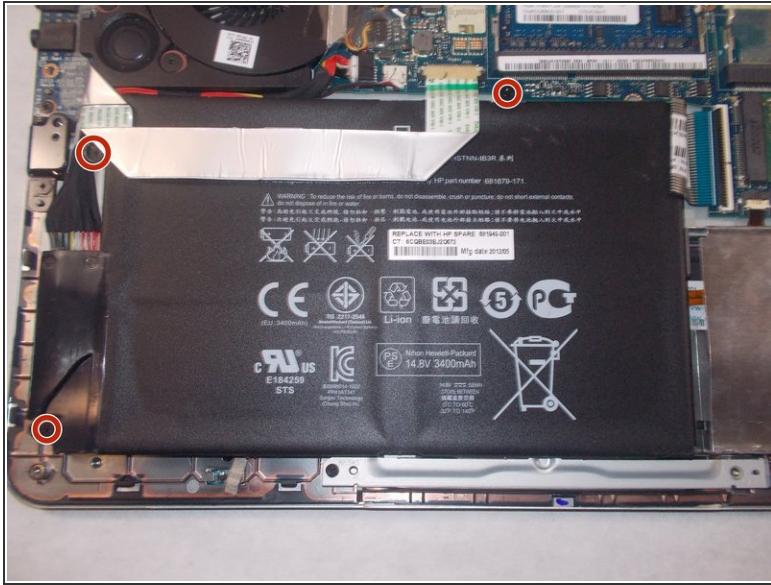
- Using the plastic opening tool, gently pry off the back plate from the device.

Step 5



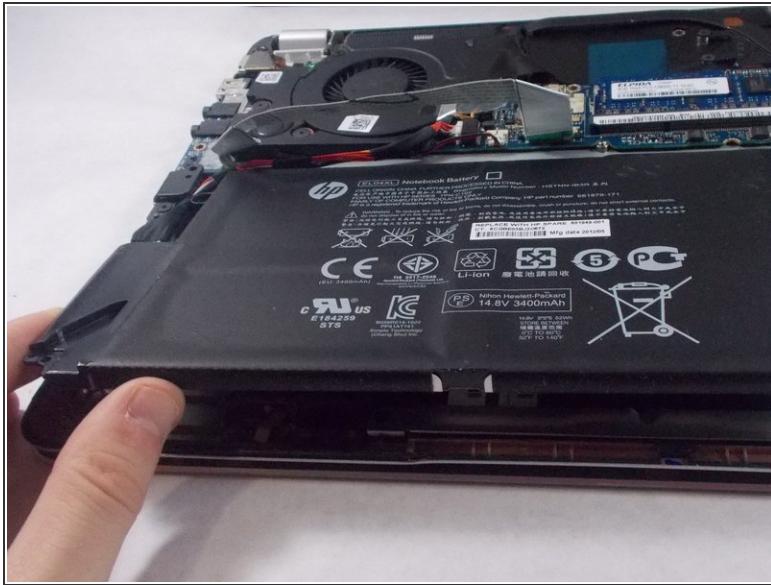
- ❶ The large black box with the white warning images is the battery.
- Move the ribbon cable so that it is no longer on top of the battery.

Step 6



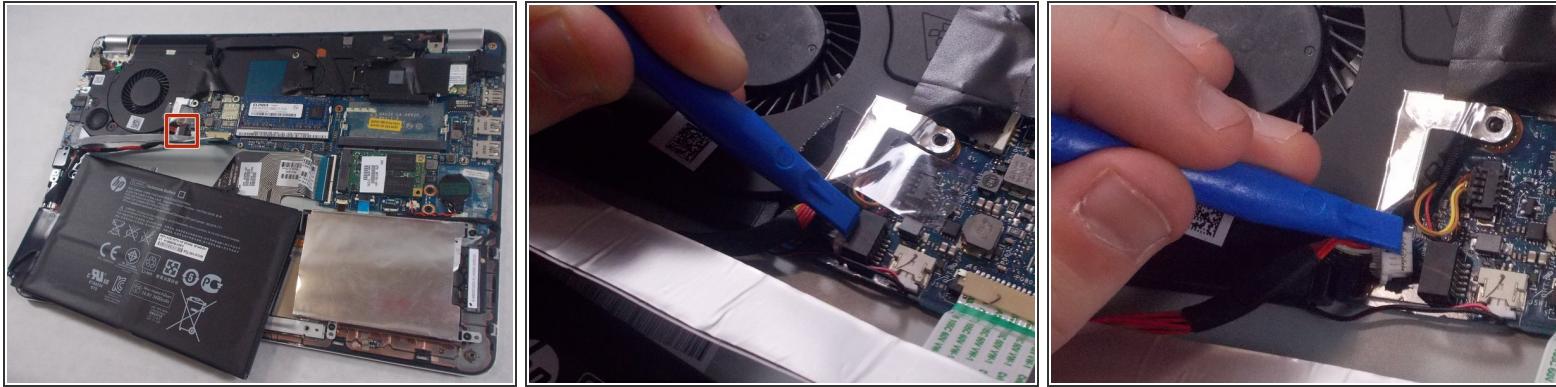
- Using a small (size 0) Phillips head screwdriver, remove the three 3.5 mm Phillips head internal screws that hold the battery in place.
- (i)* Make sure not to lose these internal screws; they will later be used to reattach the battery.

Step 7



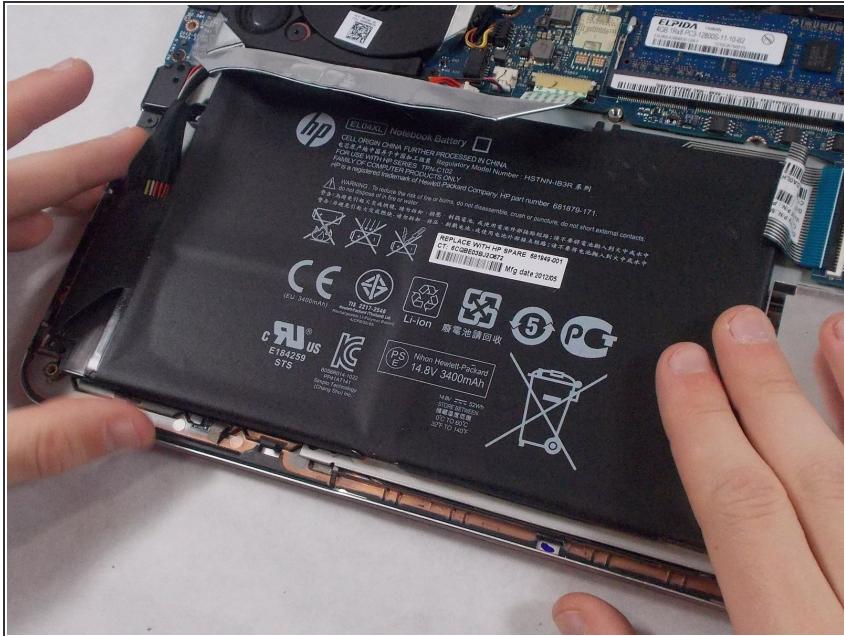
- Lift up the battery and remove it from the slot as shown.

Step 8



- Use the plastic opening tool to disconnect the battery cable.

Step 9



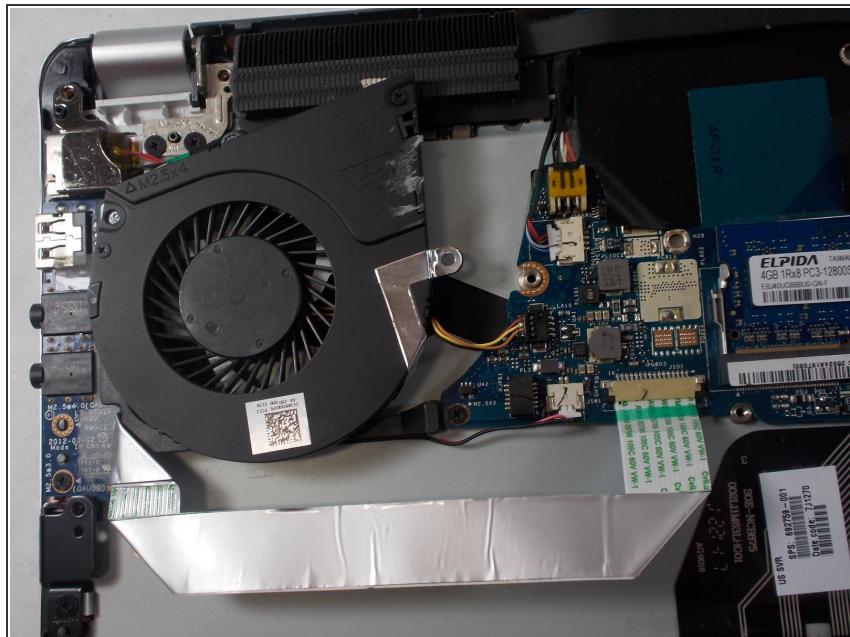
- Lift up the battery and remove it from the device.

Step 10 — Cooling Fan



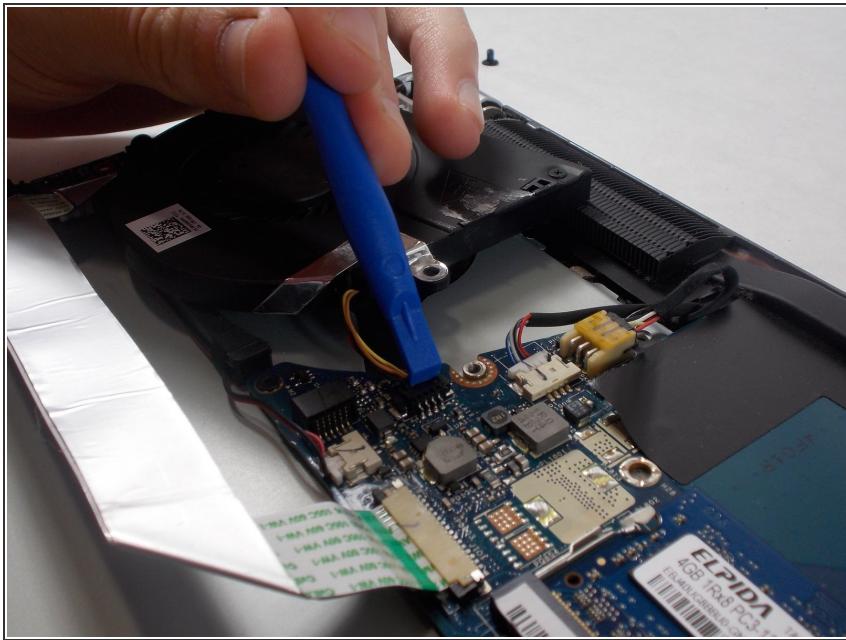
- Remove the screws that secure the top cover of the fan.

Step 11



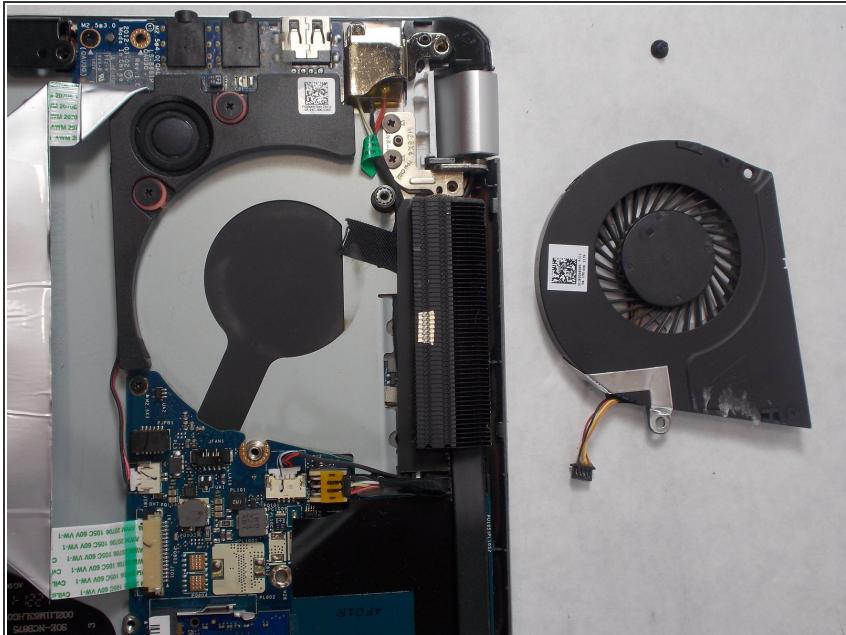
- Lift the fan up and remove it gently.

Step 12



- Remove the fan cable with the plastic opening tool.

Step 13



- Remove the fan from the device.

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