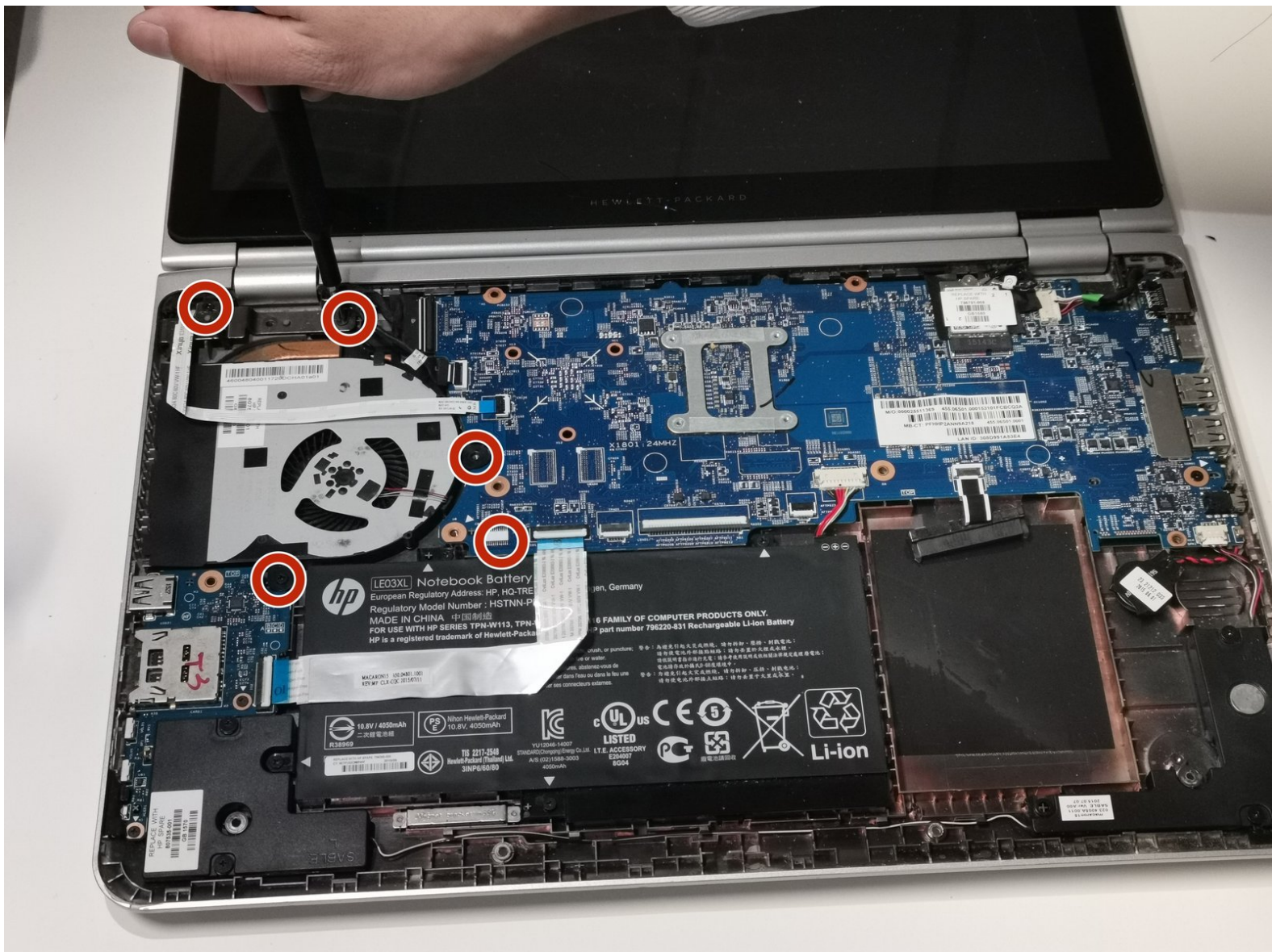# HP Envy x360 m6-w101dx Fan Replacement

How to replace an HP Envy x360 m6-w101dx fan.

Written By: Wenxuan Zhang

INTRODUCTION

This is a guide that will help you replace the broken fan in your HP Envy x360 m6-w101dx laptop.

The fan is a part of the hardware that supports the CPU by cooling it rapidly. A failing fan will result in the back of your laptop overheating and/or generating a sound like that of a collision of objects. In some conditions, your laptop might stop working because of the high temperature of your CPU.

Please review the troubleshooting page before you use this guide to replace your device since in some cases you will repair your fan without having to replace it. The link to the troubleshooting page is: HP ENVY x360 m6-w101dx Troubleshooting

Please make sure that your CPU fan is properly connected to your computer. A failed connection will result in the computer system not being able to properly identify the fan, resulting in an error report.

TOOLS:
- Phillips #1 Screwdriver (1)
- iFixit Opening Tools (1)

PARTS:
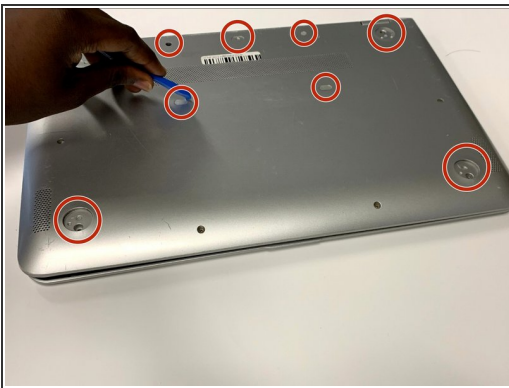- Fan of HP Envy x360 m6- w 101dx laptop (1)

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Step 1 — Keyboard Panel

● Place the laptop so that the bottom panel is facing upwards.

Step 2

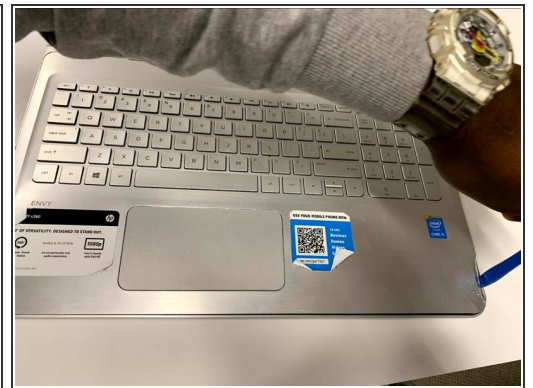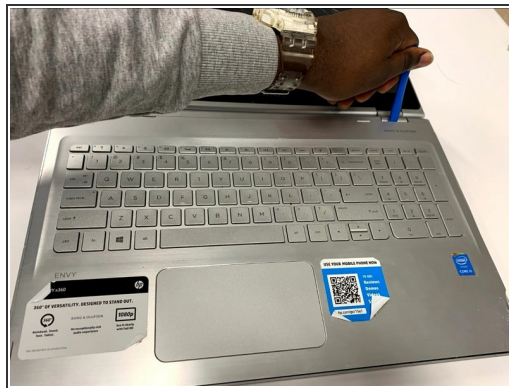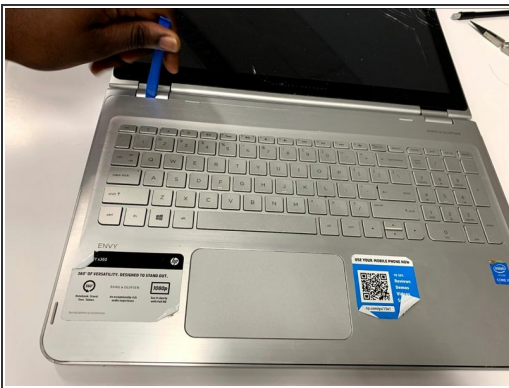● Remove the screw covers using an iFixit opening tool.

Step 3
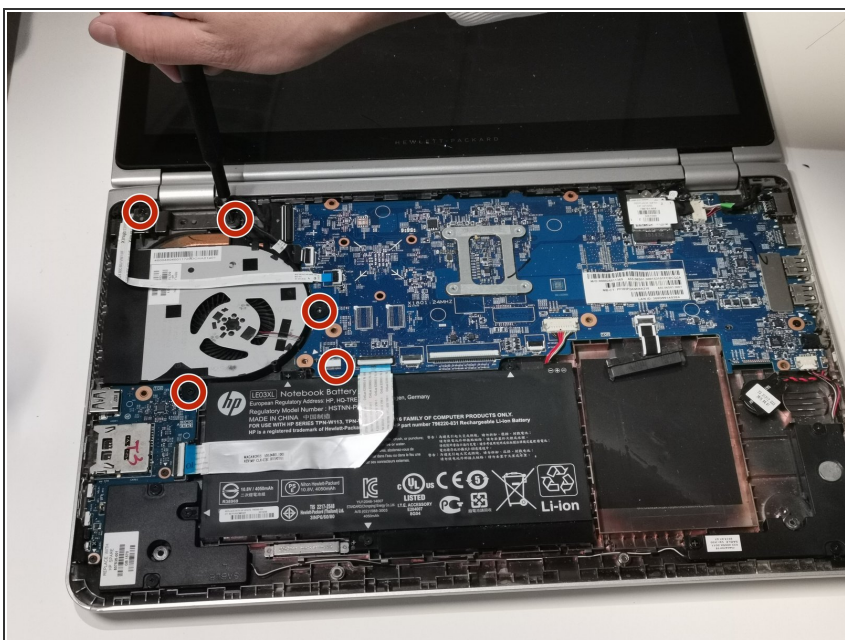

- Remove twelve 8 mm Phillips #1 screws.

Step 4

- Pry open a gap in the edge of the keyboard with an iFixit opening tool.

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Step 5

- Remove the keyboard from the laptop.

Step 6 — Fan

- Remove the five 4.5mm Phillips #1 screws surrounding the fan.

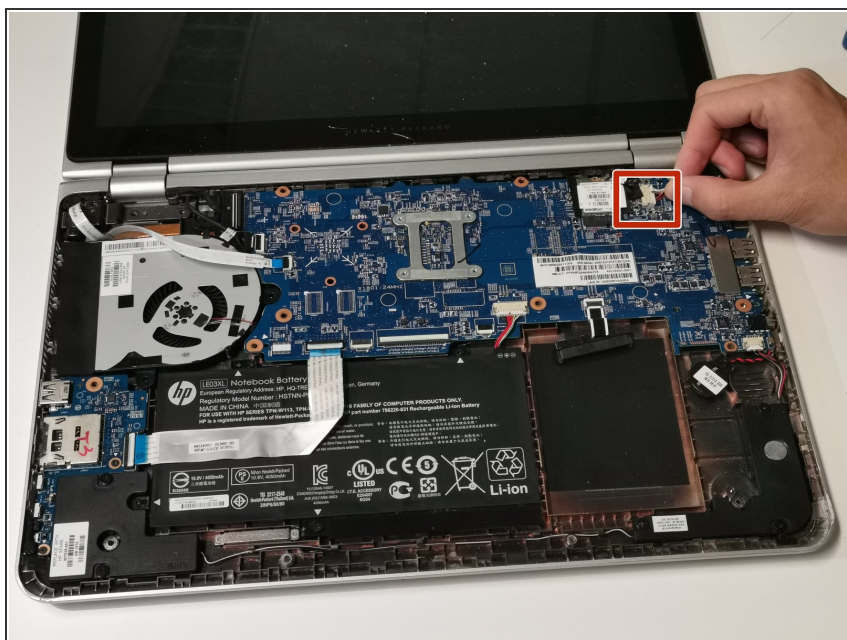This document was generated on 2021-05-15 08:06:15 PM (MST).

Step 7

- Remove the three 4.5mm Phillips #1 screws from right side of the motherboard.

Step 8

- Detach the cable between the CPU and the motherboard.

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Step 9

- Detach the cable between the battery and the motherboard.

Step 10
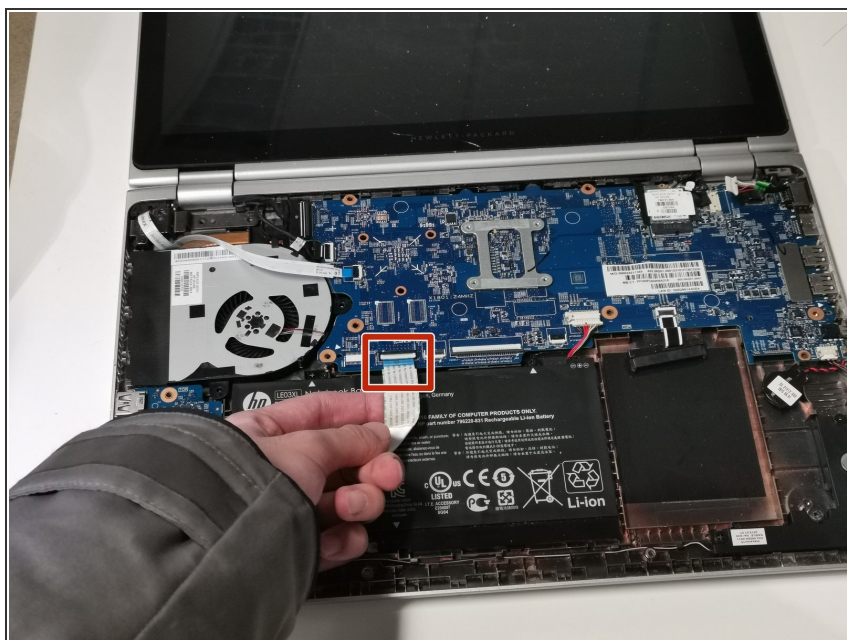
- Disconnect the cable between the SD card and the motherboard.

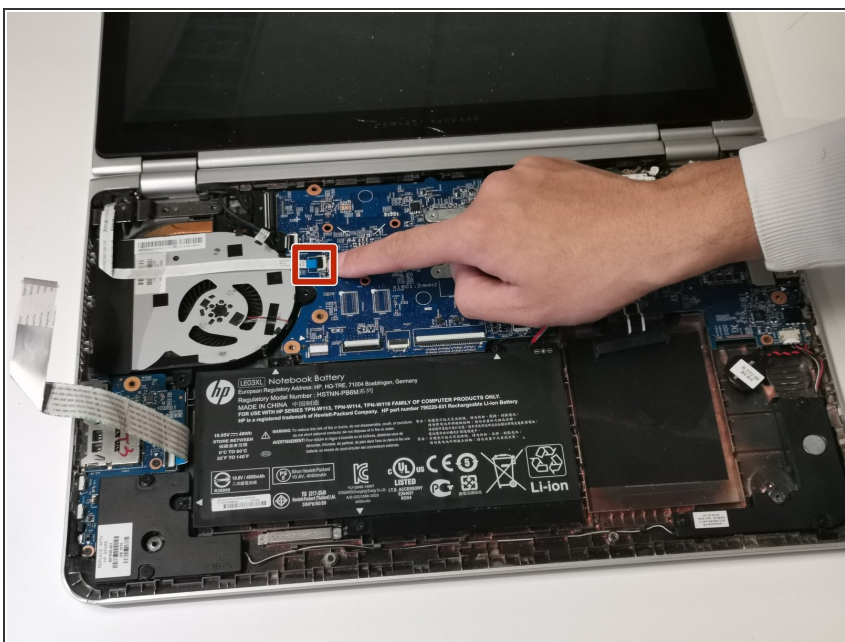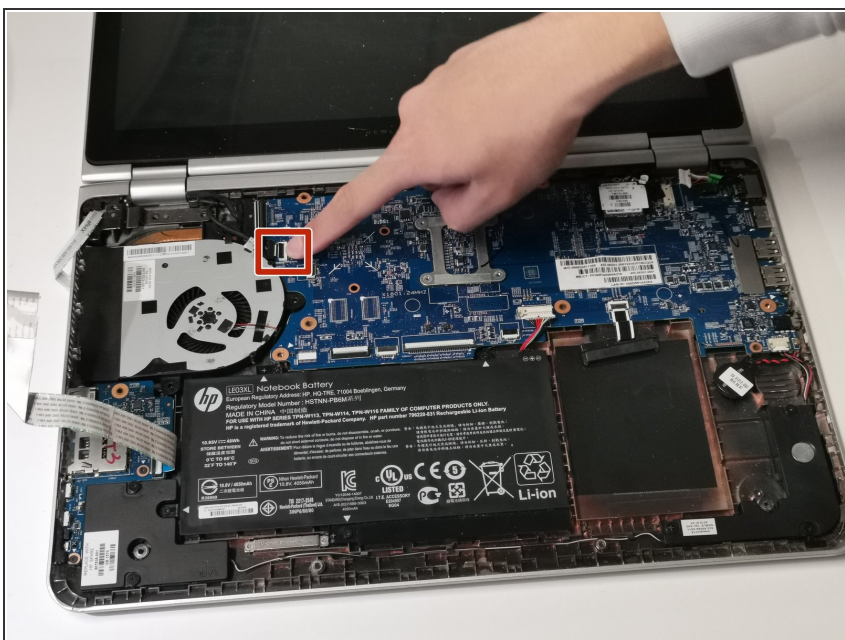This document was generated on 2021-05-15 08:06:15 PM (MST).

Step 11

- Disconnect the cable between the screen and the motherboard.

Step 12

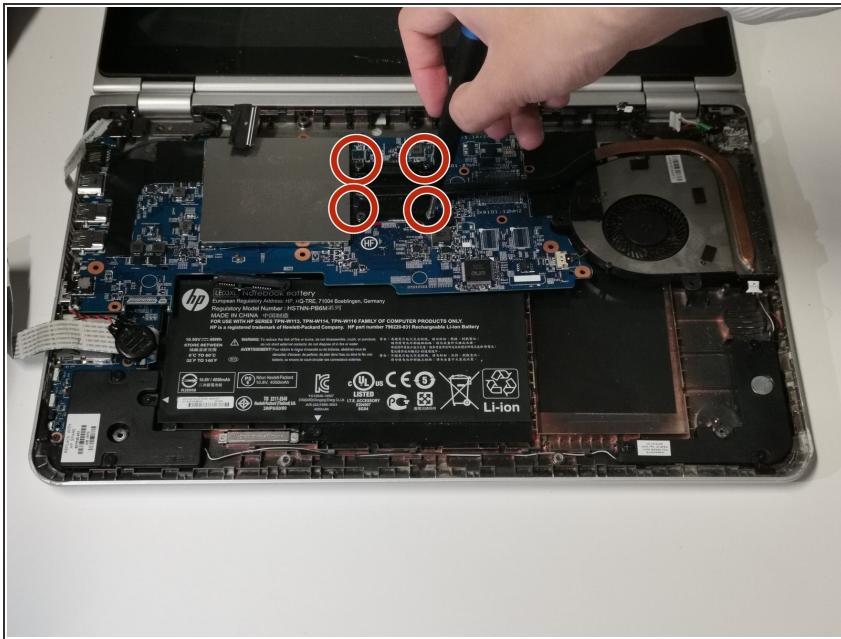- Detach the connection between the fan and the motherboard.

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Step 13

- Disconnect the cable from the speaker to the motherboard.

Step 14

- Disconnect the cable between the CPU and the power interface.

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Step 15

● Turn the connected motherboard and fan upside down and remove the four 4.5mm Phillips #1 screws from the middle of the back of the motherboard.

Step 16

● Disconnect the cable connecting the fan to the motherboard.

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Step 17

- Remove the fan from the laptop.

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