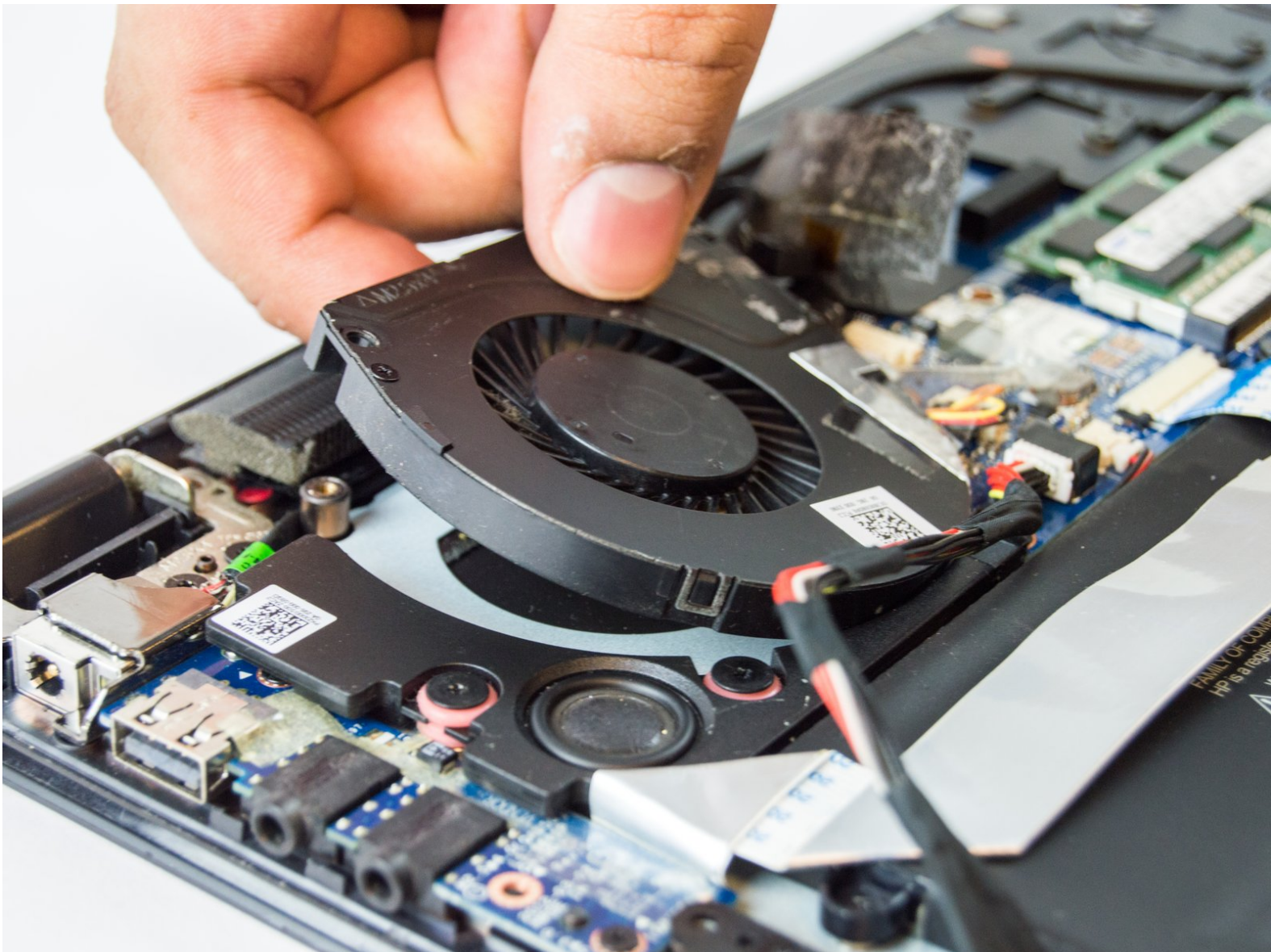# HP Envy 4-1030us CPU Fan Replacement

Replace the CPU/processor's internal fan in the HP Envy 4-1030us.

Written By: Christopher Luna

INTRODUCTION

The CPU/processor's internal fan may need to be replaced when the system is experiencing heat related issues. The fan sits atop the heatsink, and is relatively easy to replace, just be sure to gently disconnect the small fan cabling before attempting to remove the fan.
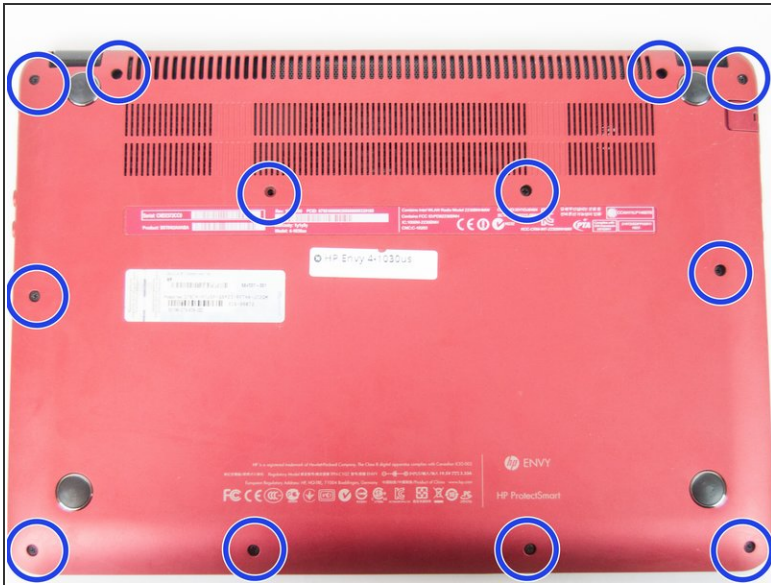
When working with electronic components, we recommend wearing an electrostatic wristband, it is possible for the static electricity present on you to discharge onto one of the components, wearing one of these wristbands and clipping it to a piece of metal will prevent this from happening.

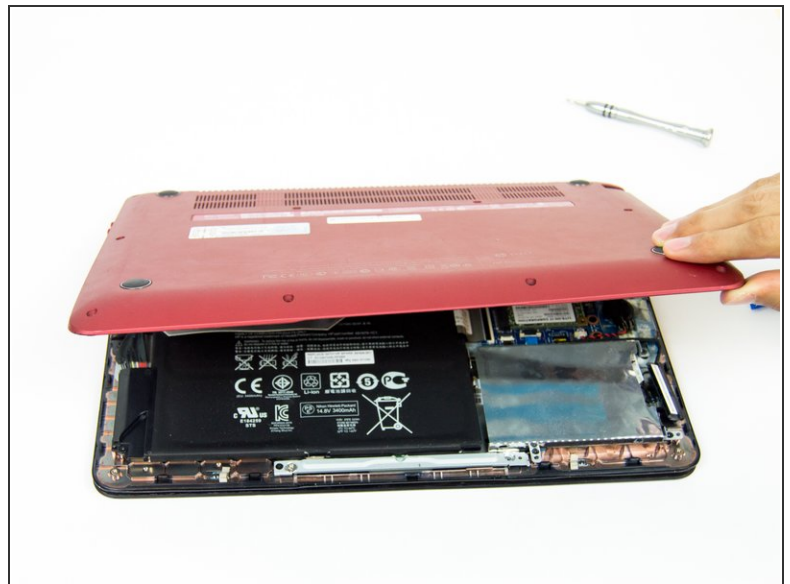### 🔧 TOOLS:

- Phillips #0 Screwdriver (1)
- iFixit Opening Tools (1)
- Anti-Static Wrist Strap (1)

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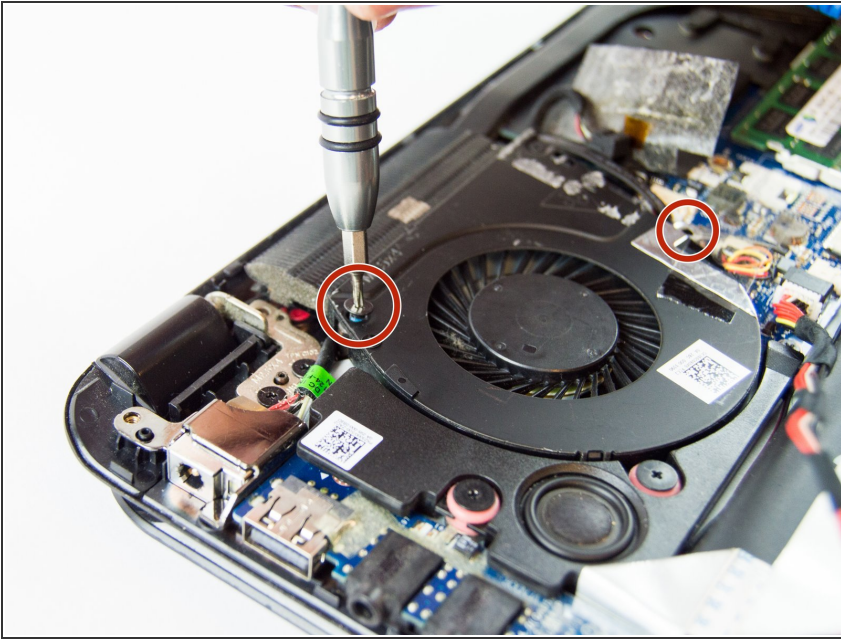
Step 1 — Bottom Cover

- Using the Philips #0 screwdriver, remove the 12 7.5mm screws from the bottom cover.
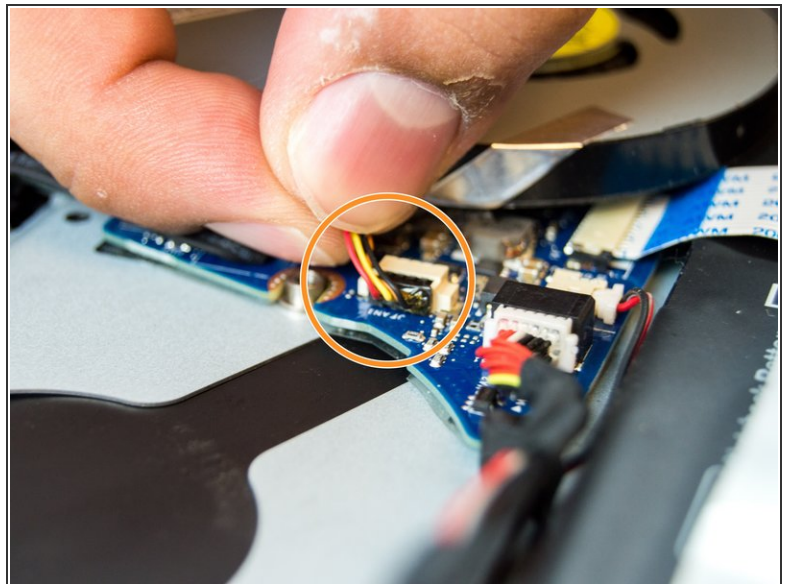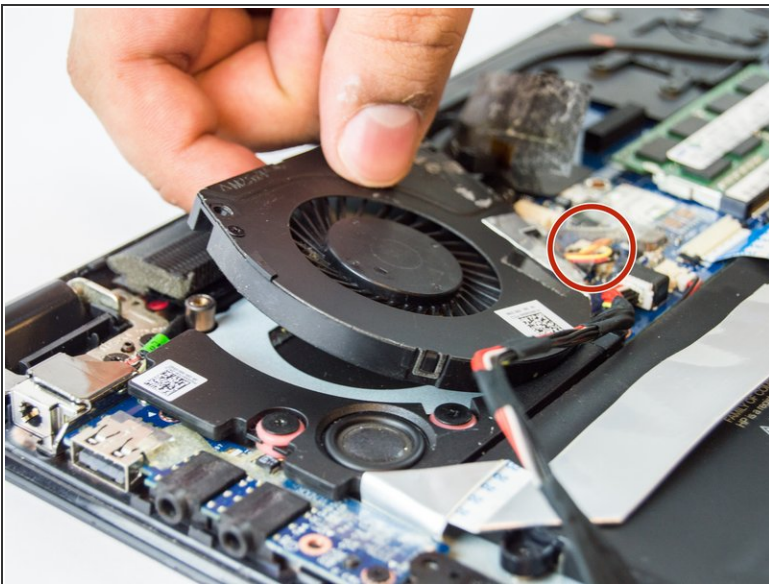
Step 2

- Using the plastic opening tool, carefully work the tool between the bottom cover and bottom chassis to loosen the connection.

- Lift the bottom cover off of the system.

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Step 3 — CPU Fan

- Using the Phillips #0 screwdriver unscrew the two 4.2mm screws fastening the CPU fan to the heatsink and motherboard.

Step 4

- Carefully lift up the CPU fan to gain better access to the fan cable.

- Disconnect the fan cable by pulling the cable away from the connector and remove the fan from the device.

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

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