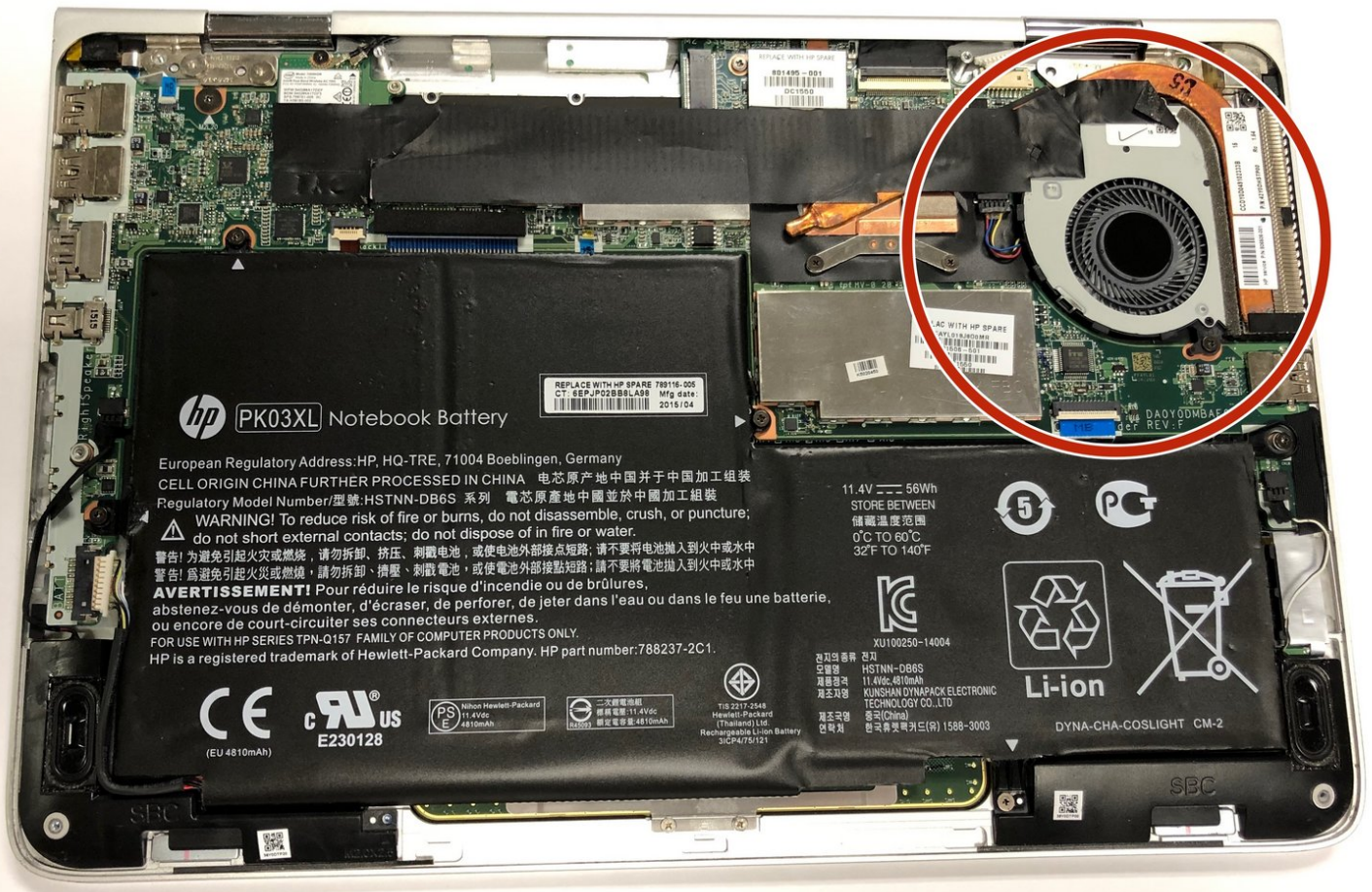




HP Spectre 13-4002dx Vent Fan Replacement

This guide will walk you through how to replace the vent fan for this HP laptop.

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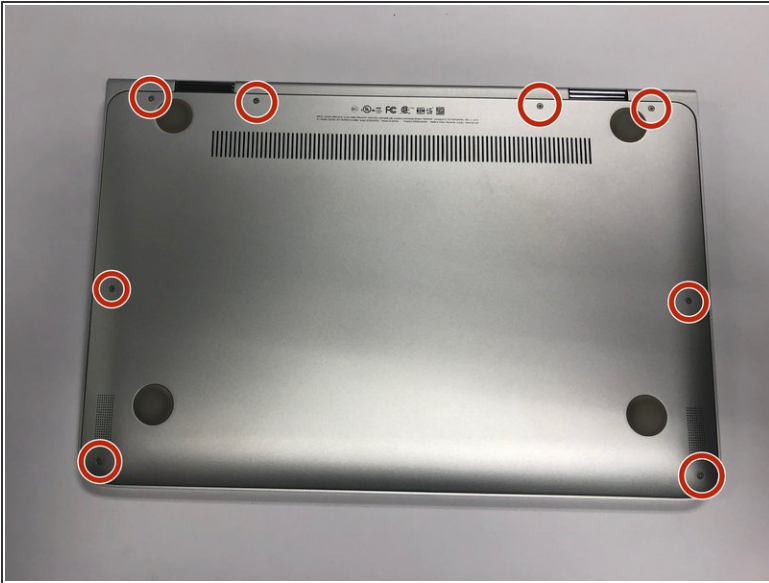
INTRODUCTION

The vent fan keeps the laptop from overheating so the laptop needs to be turned off during this procedure.

TOOLS:

- [T5 Torx Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Bottom Case



- Using the Torx T5 screwdriver, remove the eight 8 mm screws on the bottom case of the laptop.

Step 2



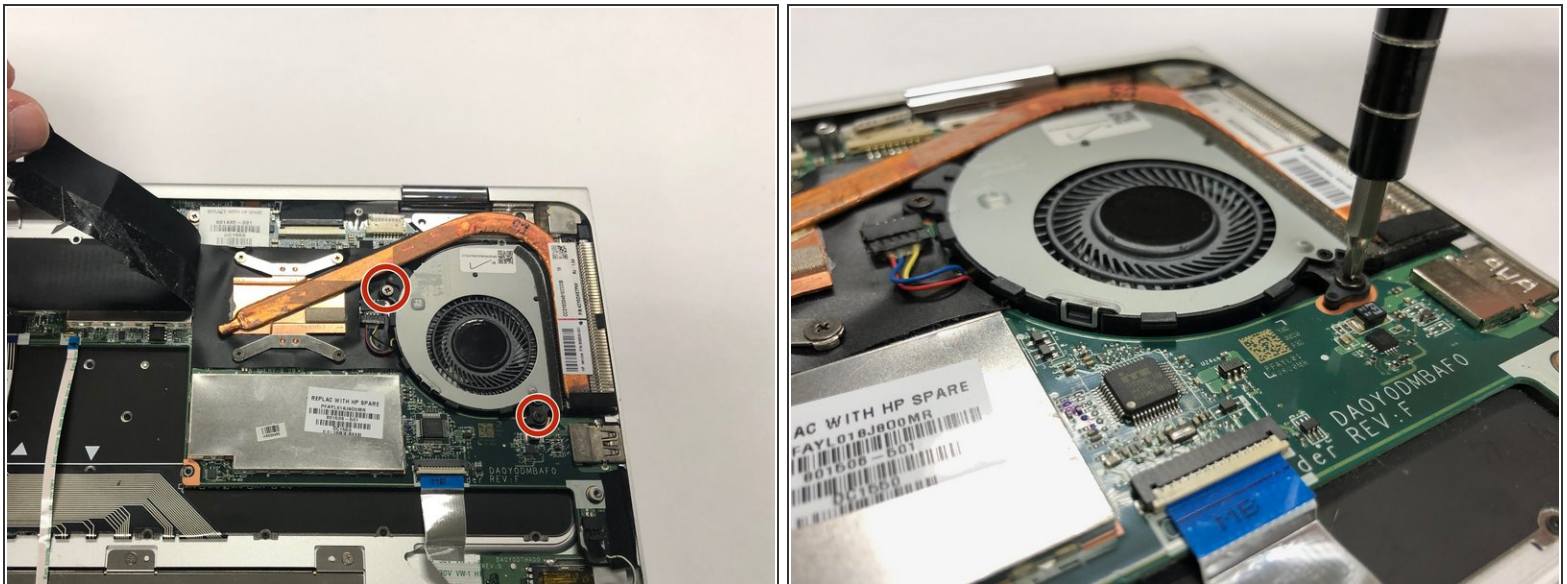
- Pry up one corner of the bottom case with a spudger.
- Work the spudger around the edges, making your way towards the bottom of the laptop.
- Remove the bottom case.

Step 3 — Vent Fan



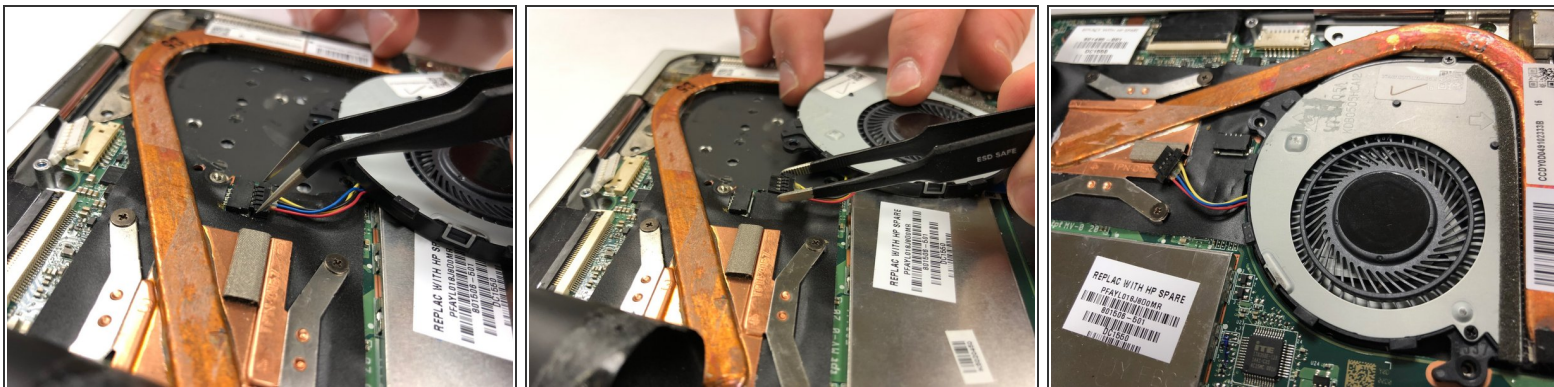
- Remove the strip of black electrical tape.
- Pull the tape away from the vent fan.
- ⚠ Pull gently, as the tape is easy to rip.

Step 4



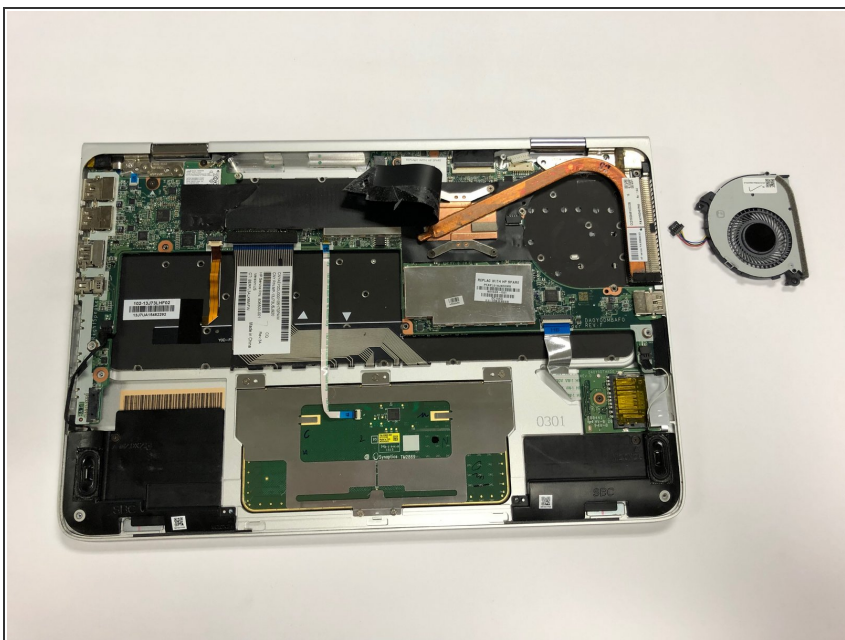
- Using a Phillips #0 screwdriver, remove the two 40 mm screws securing the fan assembly to the motherboard.

Step 5



- Using tweezers, disconnect the wire connection between the laptop and the vent fan.

Step 6



- Remove the vent fan.

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