



# HP Spectre 13-4002dx Heat Sink Replacement

This guide will walk you through how to replace the Heat Sink for this HP laptop.

Written By: Cayce Stewart



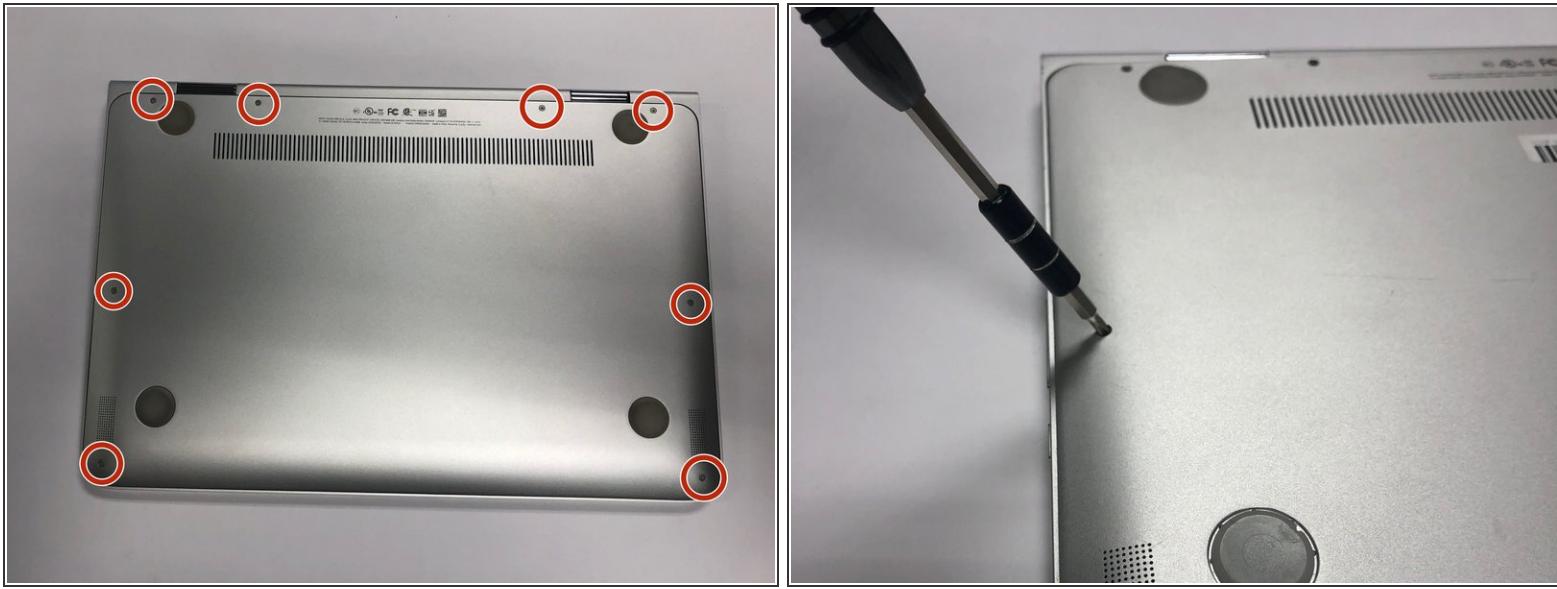
## INTRODUCTION

The laptop needs to be powered off before starting disassembly. The heat sink removes heat from the laptop. If you are experiencing overheating problems then you may need to replace the heat sink.

### TOOLS:

- [T5 Torx Screwdriver](#) (1)
- [Spudger](#) (1)
- [Phillips #0 Screwdriver](#) (1)

## Step 1 — Bottom Case



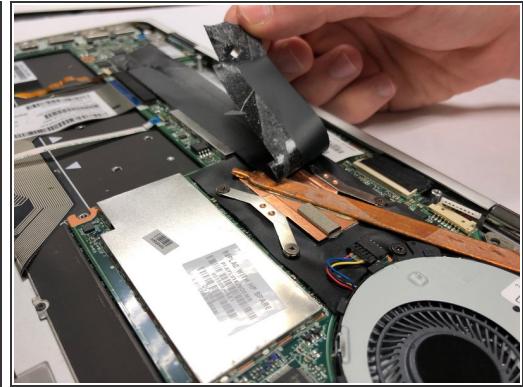
- Using the Torx T5 screwdriver, remove the eight 8 mm screws on the bottom case of the laptop.

## 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 — Heat Sink



- Remove the tape outlined in red.

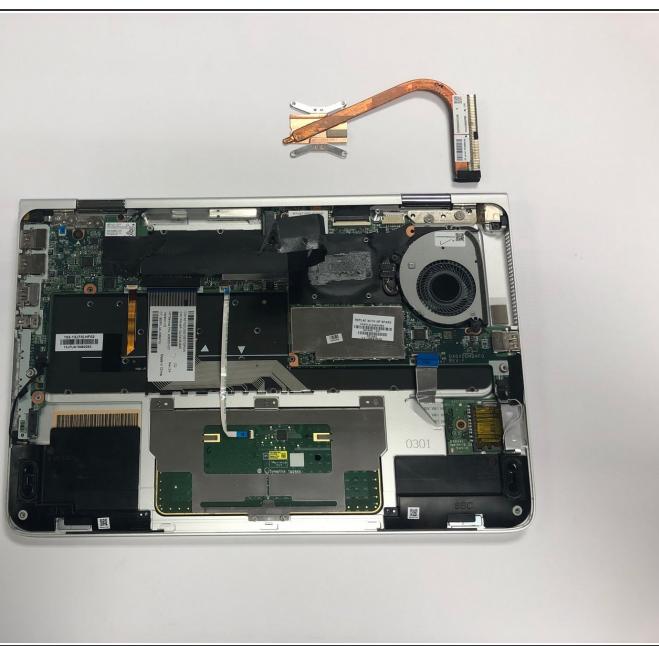
 The tape can tear easily.

## Step 4



- Remove the four 3 mm screws using a Phillips #0 screwdriver.

## Step 5



- Remove the heat sink from the laptop.

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