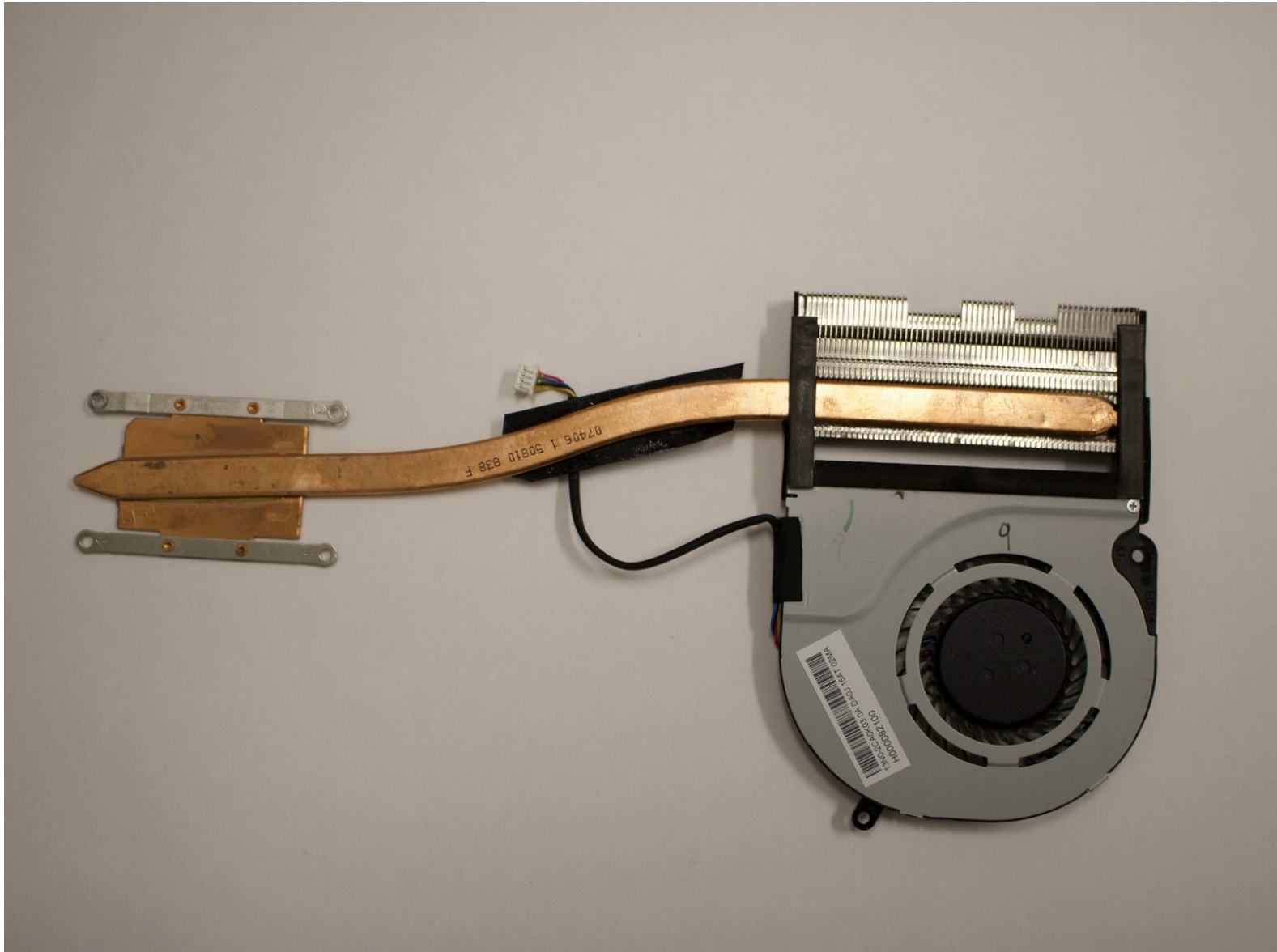




# Toshiba Satellite L55W-C5256 CPU Heatsink Replacement

Learn how to safely remove and replace the CPU heat sink of your Toshiba Satellite L55W-C5256.

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## INTRODUCTION

This guide will instruct you on how to safely remove and replace the CPU heat sink of your Toshiba Satellite L55W-C5256. You may need to do this if:

- Your device is continually overheating or running hot
- Your device powers down or blue screens due to CPU overheat

Before beginning this replacement guide, it is recommended that you use an anti-static work mat and that you ground yourself using an anti-static wrist strap. This helps to protect your device from damage caused by static discharge. If you do not have these materials, you can find an anti-static wrist strap [here](#), and an anti-static work mat [here](#). To learn how to properly use an anti-static wrist strap and an anti-static work mat (recommended), see the guide found [here](#).




### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Magnetic Project Mat](#) (1)
  - [Anti-Static Wrist Strap](#) (1)
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## Step 1 — Battery



 Before beginning this repair, power off your device and unplug all cables and accessory devices.

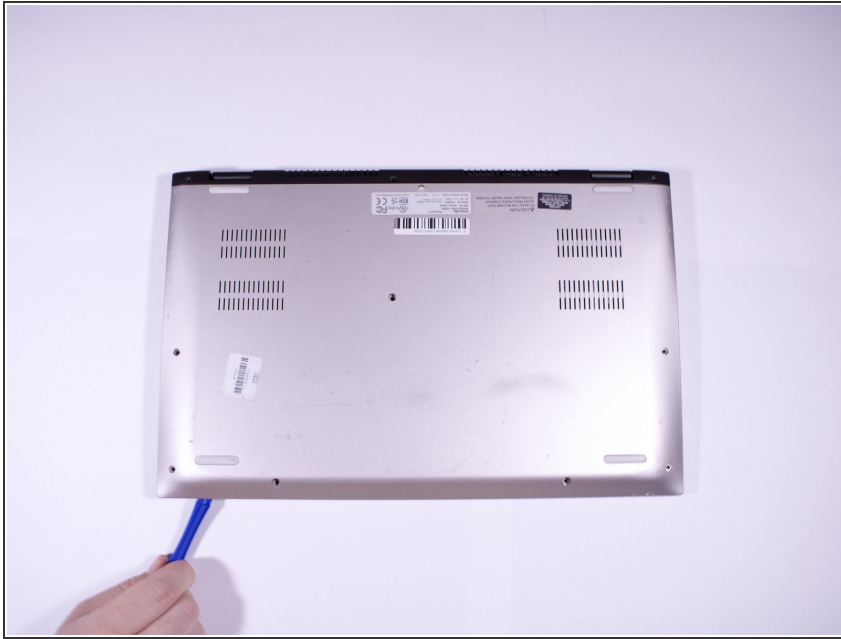
- Flip the laptop over so that the model numbers are facing the ceiling.

## Step 2



- Use a Phillips #00 screwdriver to remove the 10 screws that secure the back cover to the device.

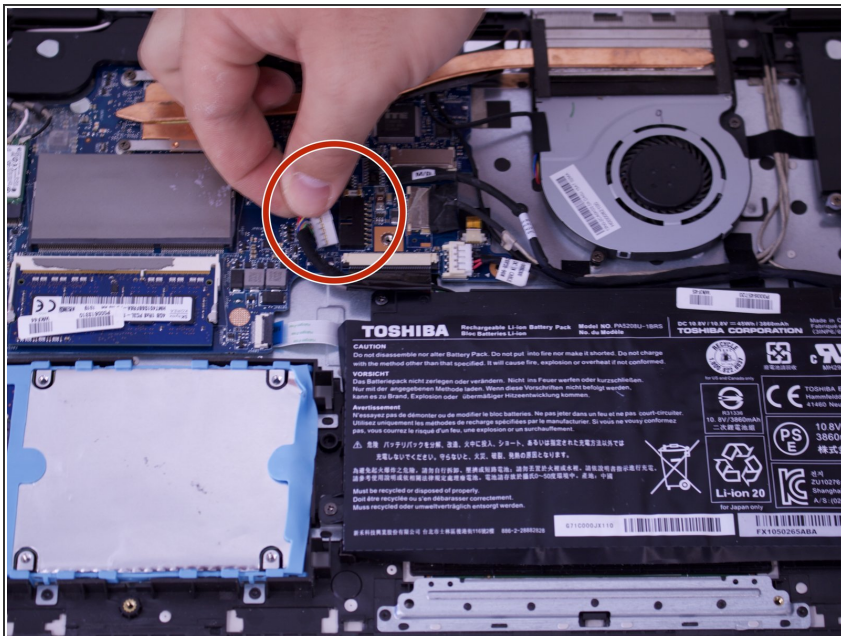
## Step 3



- Gently use an iFixit opening tool to separate the back cover from the laptop. Go around all edges until plastic clips are completely free.

⚠ Ensure all plastic clips have been freed. Attempting to forcefully remove the back cover could result in damage to your device.

## Step 4

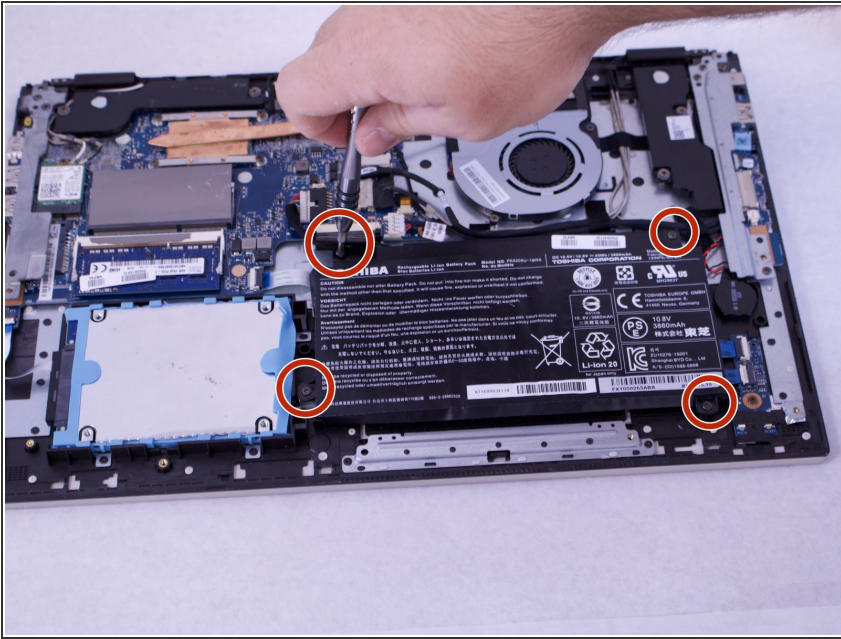


⚠ Before touching any component inside your device, ensure you are properly grounded with an anti-static band.

- Disconnect the battery connector cable from the motherboard.

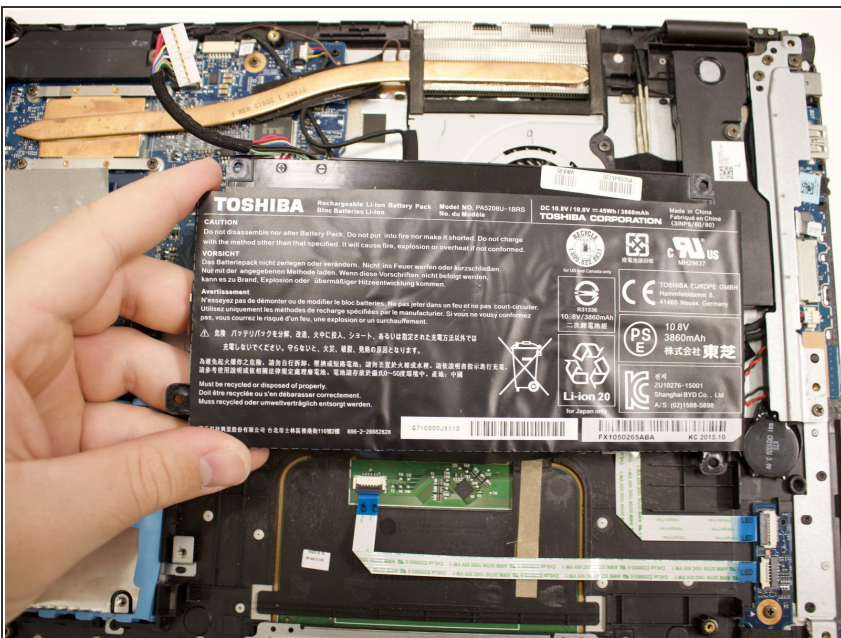


## Step 5



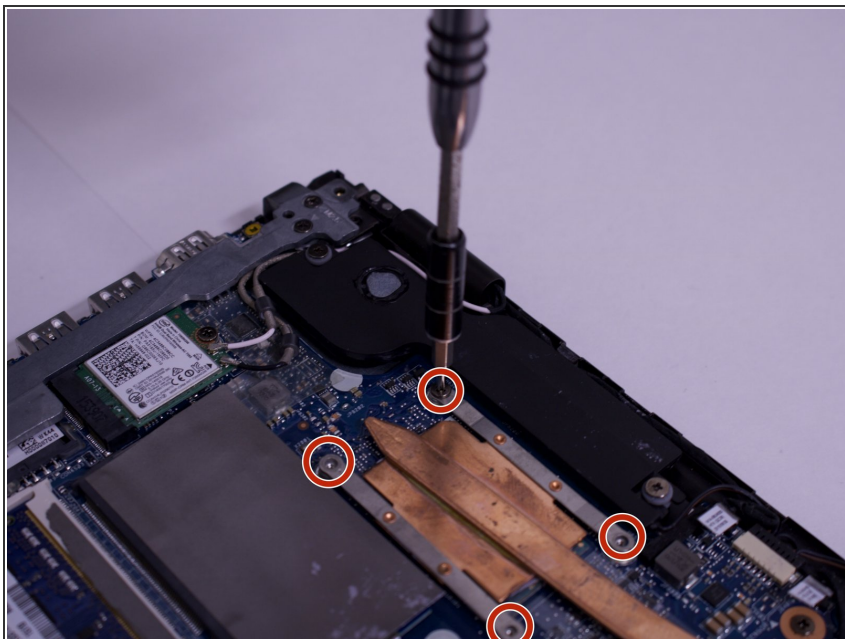
- Using a Phillip's #00 screwdriver, remove the four 7.0 mm screws that secure the battery to the motherboard.

## Step 6



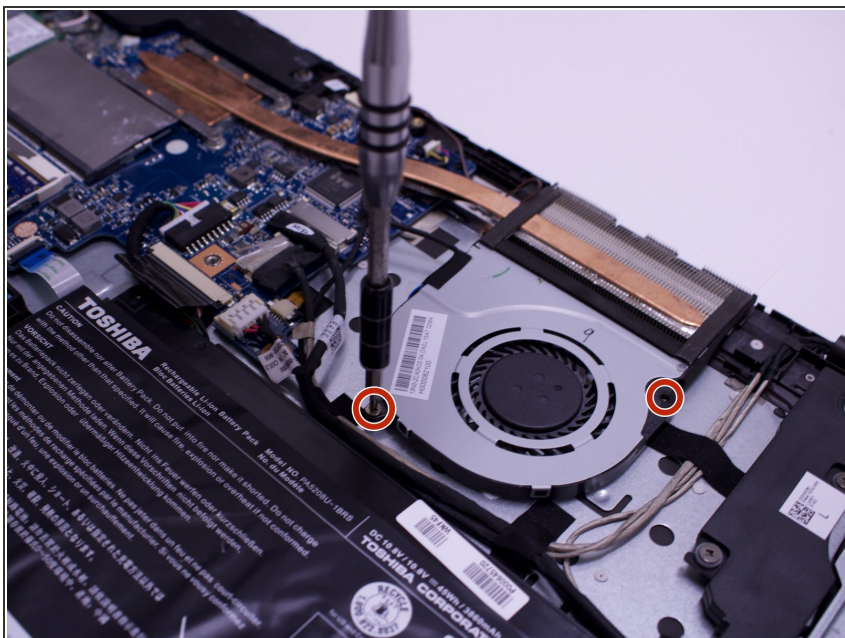
- Lift the battery from the motherboard.

## Step 7 — CPU Heatsink



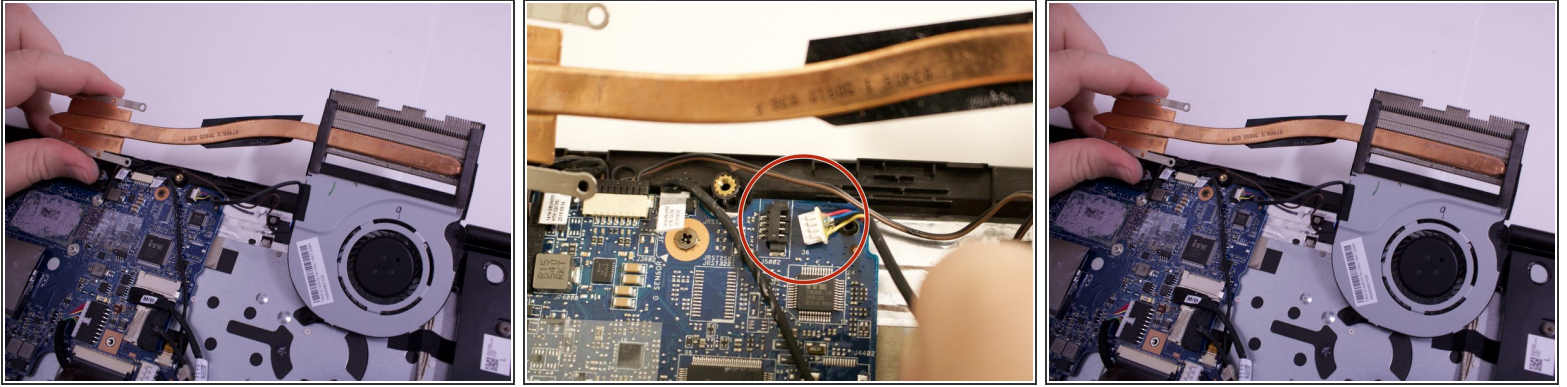
- Using a Phillips #00 screw driver, remove the four 7.0 mm screws that secure the heat sink to the CPU.


## Step 8




- Using a Phillips #00 screw driver, remove the two 7.0 mm screws that secure the heat sink fan to the motherboard.

## Step 9



 Before you touch any component inside your device, ensure you are properly grounded with an anti-static band.

- Gently lift the heat sink from the motherboard, making sure not to apply much tension to the connector cable.
  - Using your thumb and forefinger, gently unplug the connector cable from the motherboard.
  - Lift the heat sink from the motherboard.
-  If you need to replace the heat sink, check out this [thermal paste guide](#) that will walk you through the steps necessary to replace the thermal compound.

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