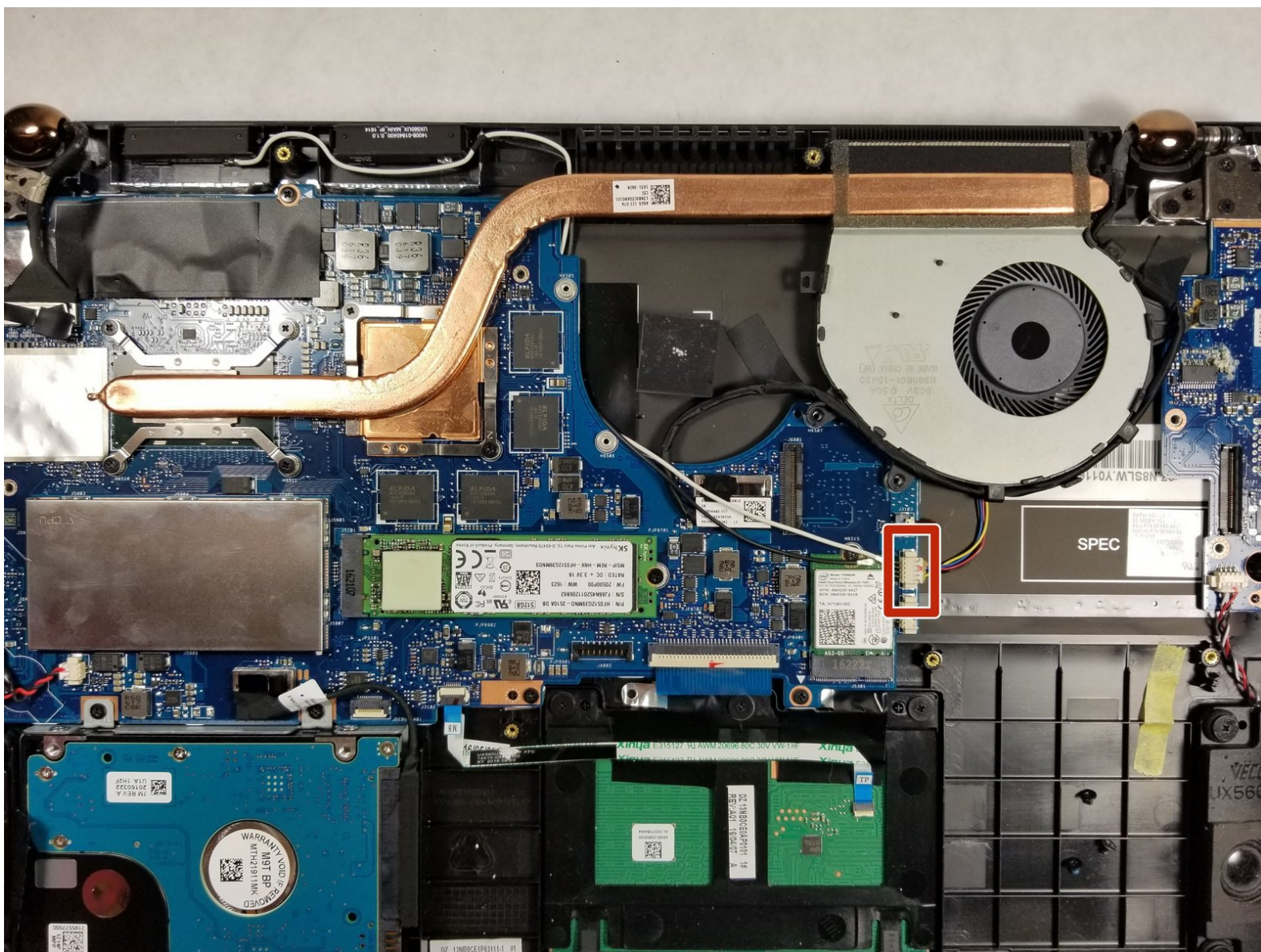




# Asus Q534U CPU Fan/Heat Sink Replacement

Use this guide to replace the CPU fan and heat sink assembly of the Asus Q534U.

Written By: mmedina



# INTRODUCTION

This guide will go over the process of removing and replacing the CPU fan and heat sink assembly.

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## TOOLS:

- [Phillips #00 Screwdriver](#) (1)
  - [iFixit Opening Tool](#) (1)
  - [T5 Torx Screwdriver](#) (1)
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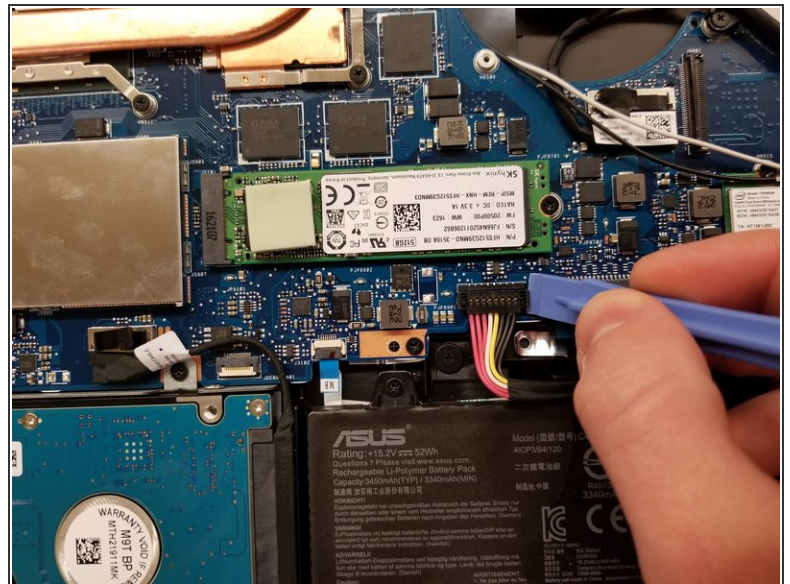
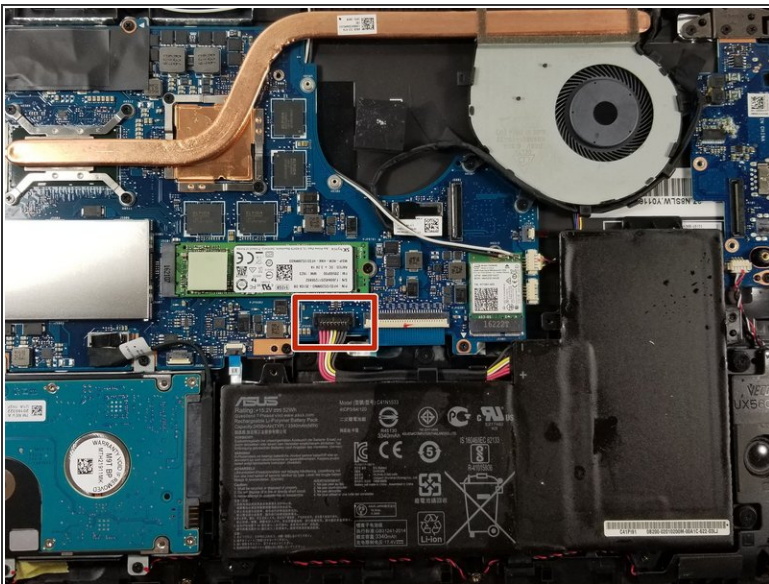
## Step 1 — Back Case Removal



**⚠** Make sure the device is turned off and unplugged from the charger.

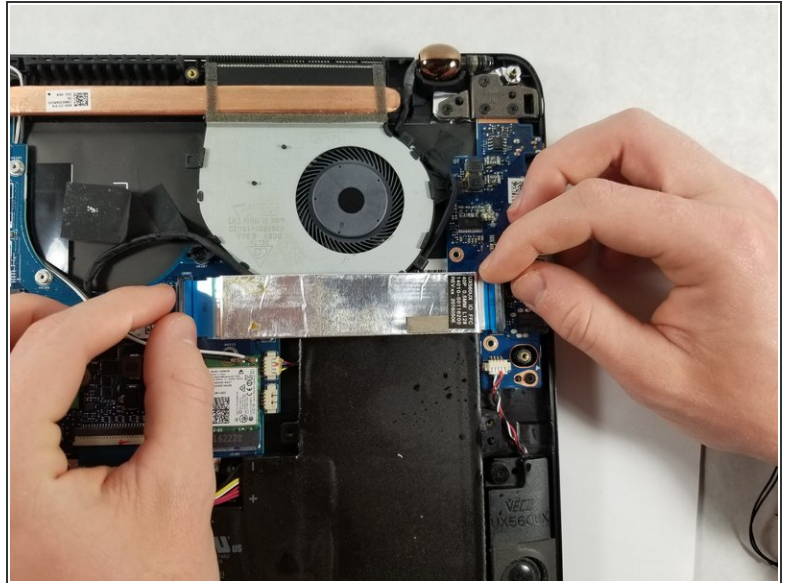
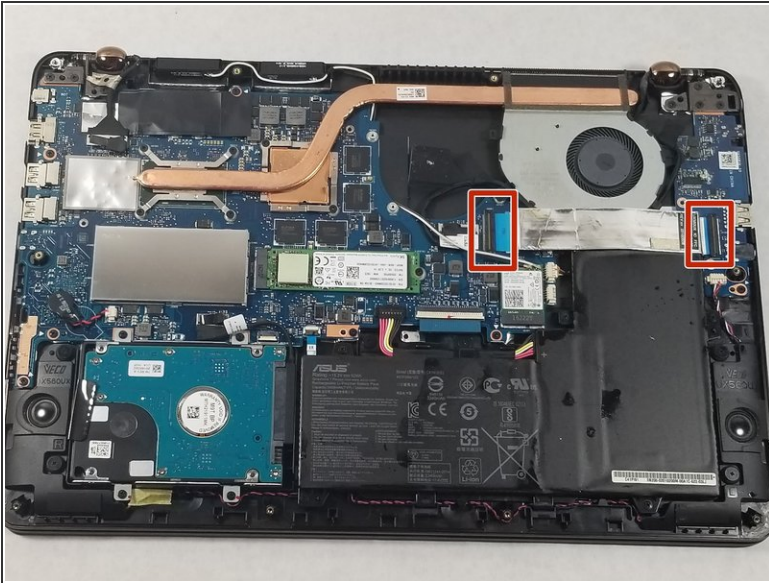
- Use a T5 screwdriver to remove all 10 screws that secure the bottom cover.
- Pull off the back cover of the laptop.
  - i** A pry tool may be needed to pull off the back cover.

## Step 2



- Wedge an opening tool under the battery's bundled cable connector, and gently pry the connector up and to disconnect the battery.

## Step 3



- Lift up the black tab next to the silver ribbon cable.
- Pull lightly on the blue tabs until the silver cable is free.

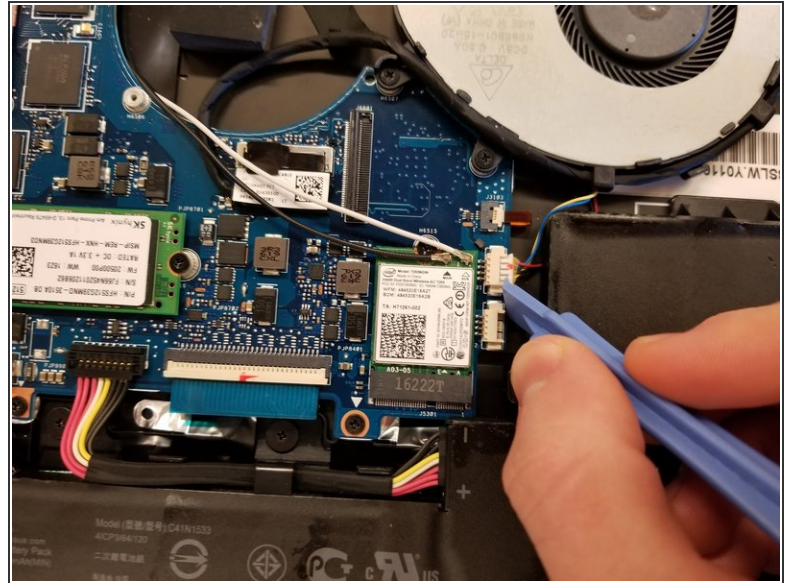
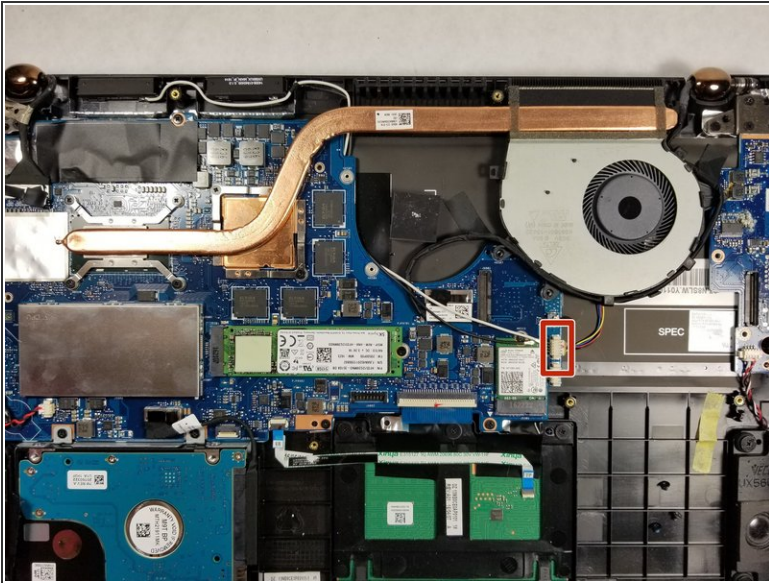
## Step 4



- Use a Phillips #00 screwdriver to remove the 5 marked screws.
  - Gently remove the battery.
- ⚠ Do not bend or puncture the laptop's lithium-polymer battery.

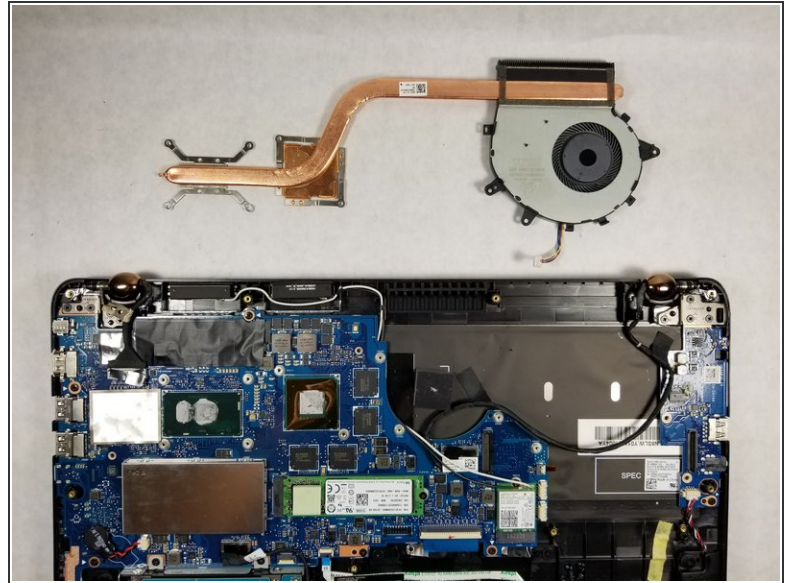
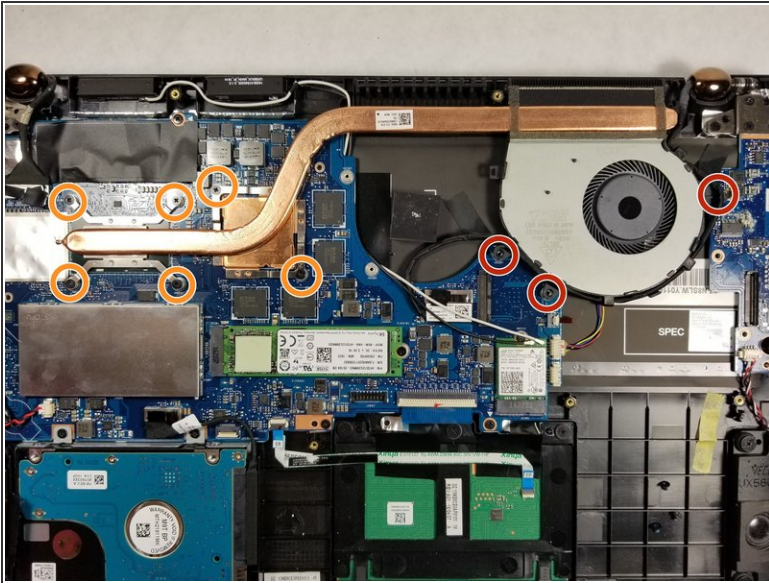


## Step 5 — CPU Fan/Heat Sink



- Using the iFixit opening tool, gently pry the CPU fan connector out of the socket.

## Step 6



- Move the black cable located around the CPU fan out of the holder.
- Remove the following 9 screws:
  - Three Phillips screws
  - Six Phillips screws
- ⓘ Make sure not to mix up both types of screws.
- Gently pull vertically on the CPU fan/ heat sink assembly until it is free.

**⚠ Before placing a new CPU fan/heat sink assembly, the CPU and GPU surfaces must be cleaned off and thermal compound must be reapplied.**

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