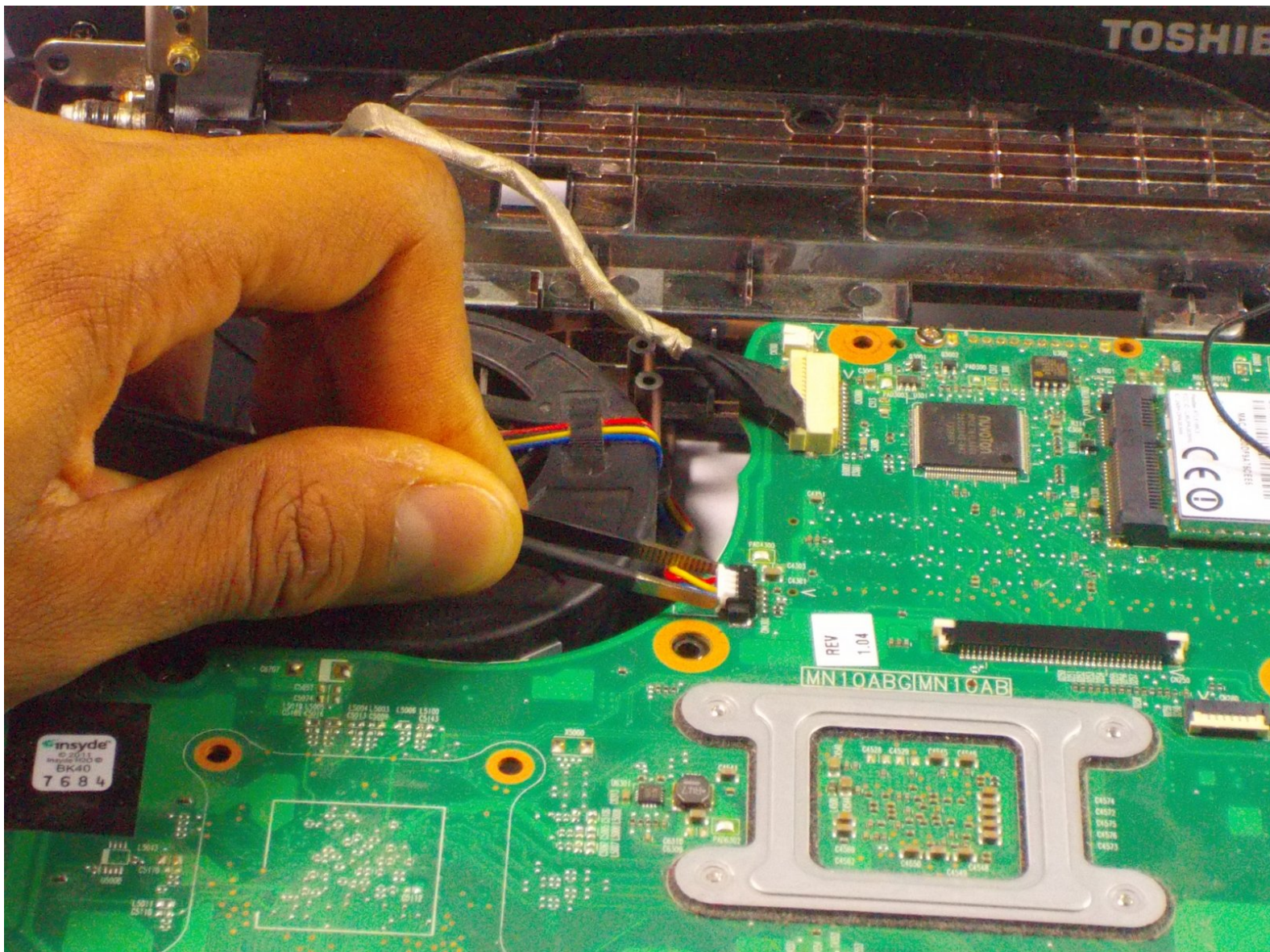




# Toshiba Satellite c650d Fan Replacement

This guide will provide steps for replacing the fan of a Toshiba Satellite C650D laptop.

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## INTRODUCTION

If your laptop gets hot and noisy when it is turned on, there may be a problem with the fan. This guide contains instructions for both checking the connection of, and replacing the fan of a Toshiba Satellite C650D computer.



### TOOLS:

- [Anti-Static Wrist Strap](#) (1)
- [Magnetic Project Mat](#) (1)
- [Spudger](#) (1)
- [Phillips #0 Screwdriver](#) (1)

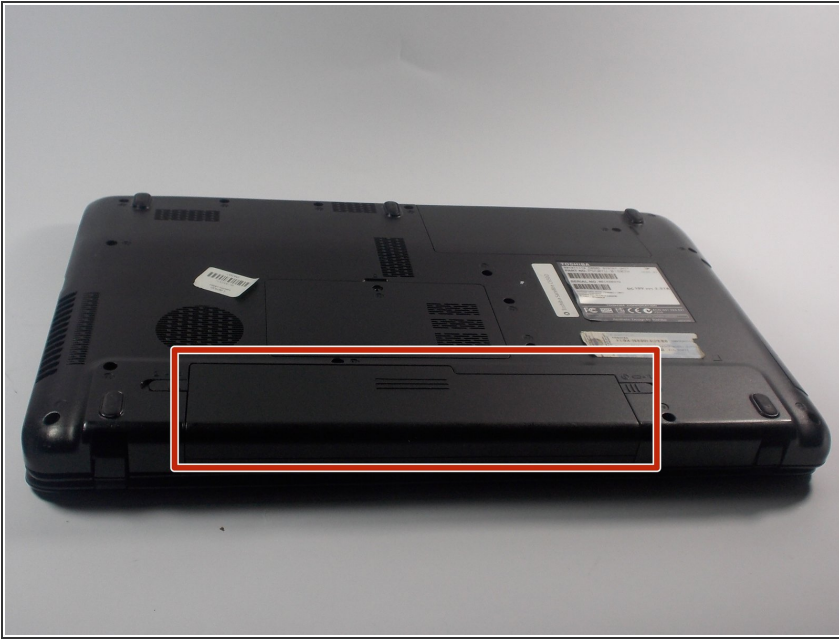


### PARTS:

- [Toshiba Satellite C650D Replacement Fan](#) (1)



## Step 1 — Battery



- Unplug the laptop and turn it off.
- Flip the laptop upside down.
- Locate the battery on the underside of the laptop.

## Step 2



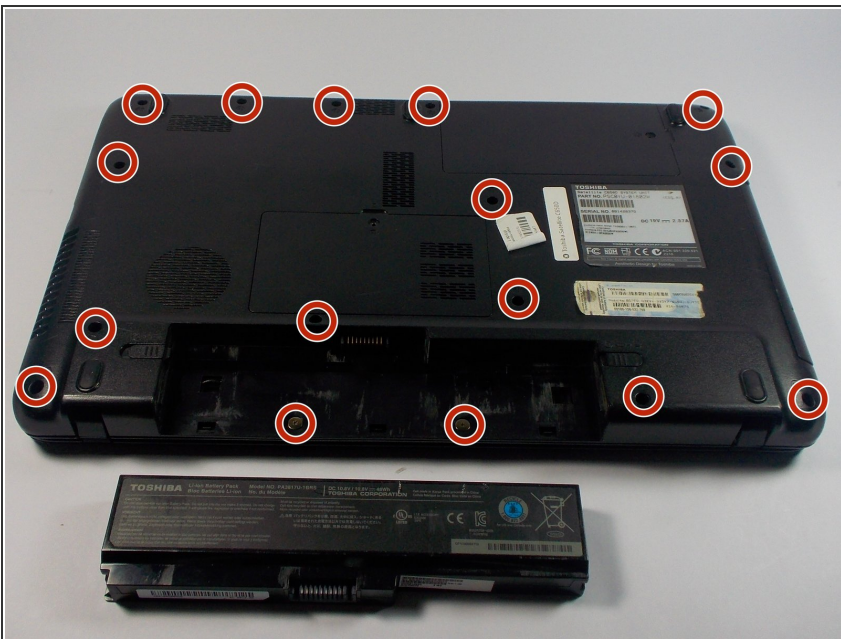
- Push the two latches away from the battery.

### Step 3



- Slide the battery away from the laptop.
- Locate the serial number on the battery to order a replacement.

### Step 4 — Keyboard



- Remove the fourteen 6.0mm and two 2.0mm Philip's #0 screws connecting the keyboard to the back.
- ⓘ Make sure you keep track of all the screws.

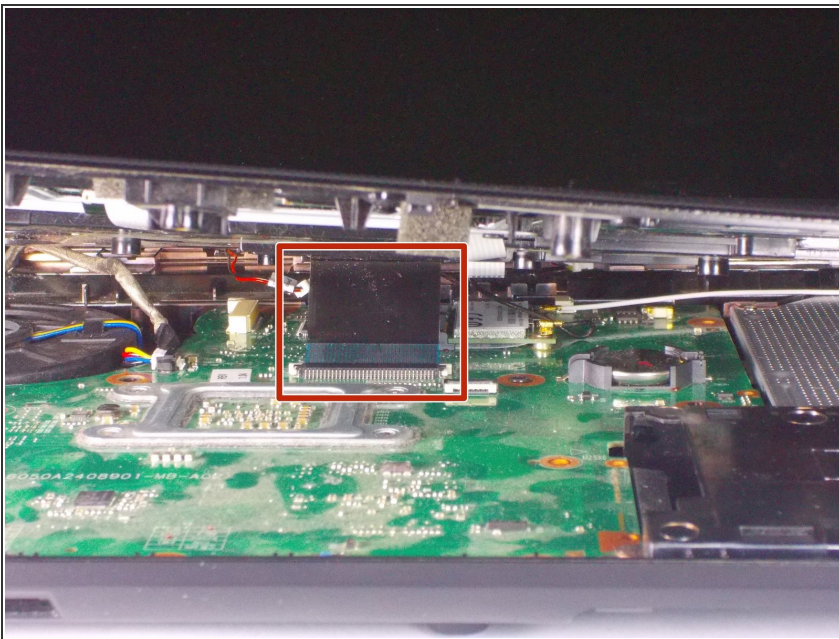


## Step 5



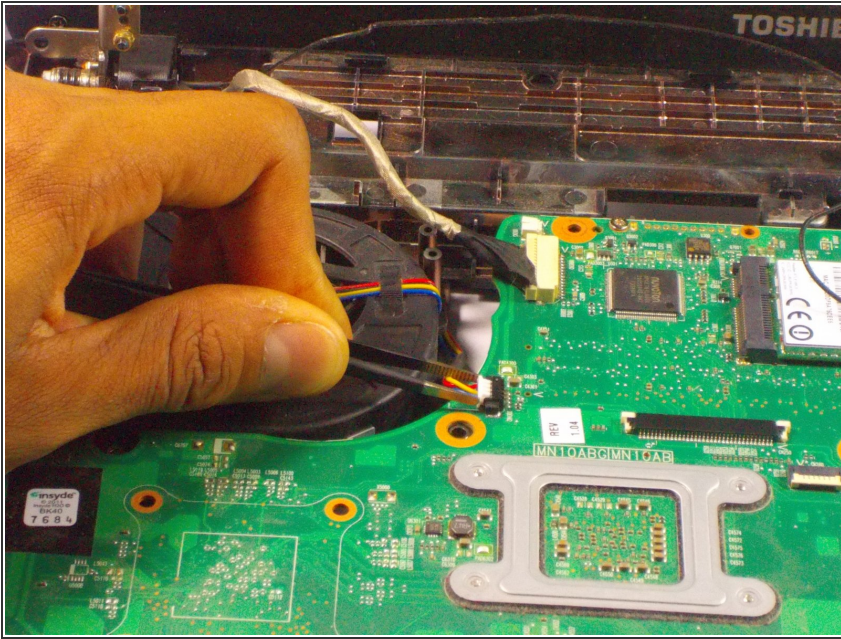
- Flip the computer over.
  - Use a nylon spudger to lift the keyboard.
  - Go around the edge of the keyboard and lift until the keyboard separates from the back.
- i** Only lift the keyboard a little at a time, otherwise you risk damaging the plastic.

## Step 6



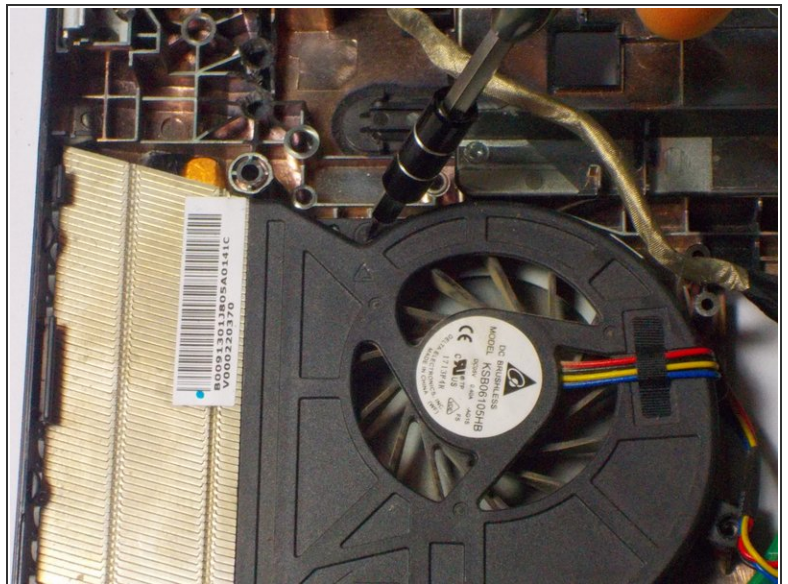
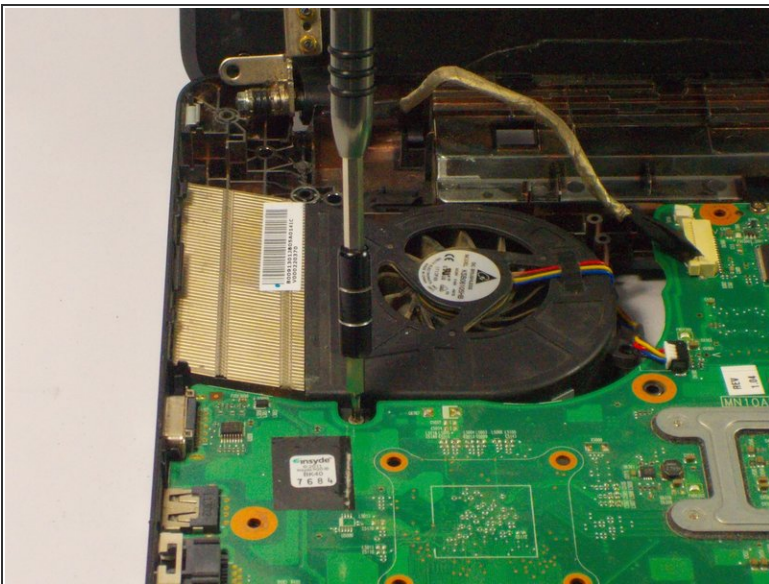
- Detach the ribbon cable that connects the keyboard to the motherboard.

## Step 7 — Fan



- Detach the cable connecting the fan to the motherboard.

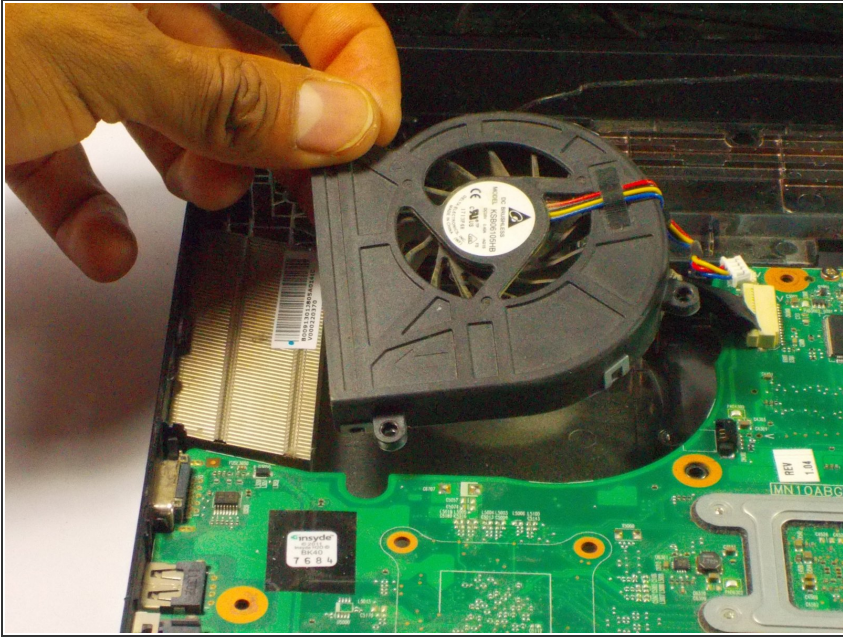
## Step 8



- Remove the one 3.0mm and one 5.0mm Philips #0 screws holding the fan in place.



## Step 9



- Remove the fan by pulling it out slowly.

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