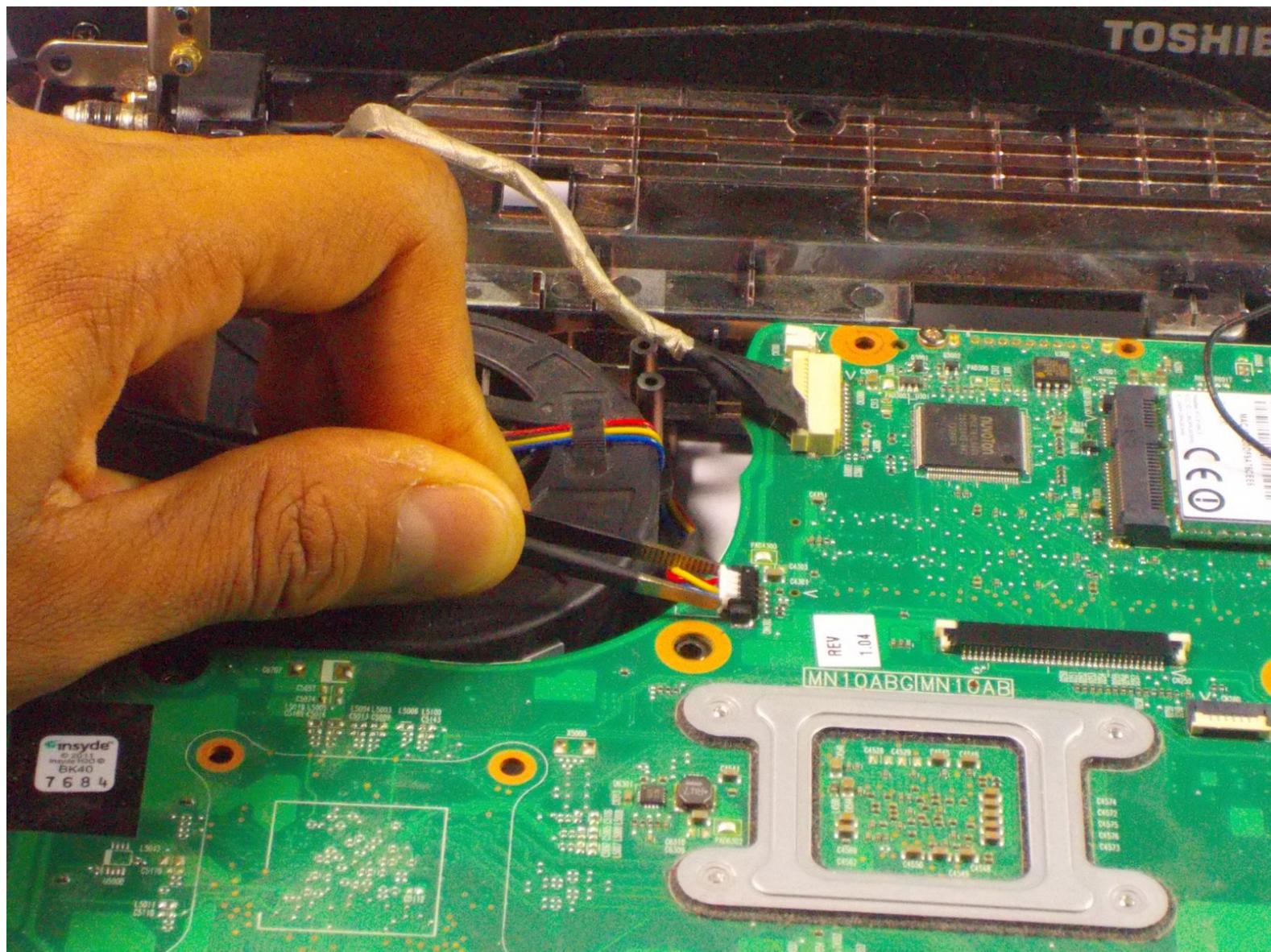




Toshiba Satellite c650d Fan Replacement

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

Written By: Brenna Callahan



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



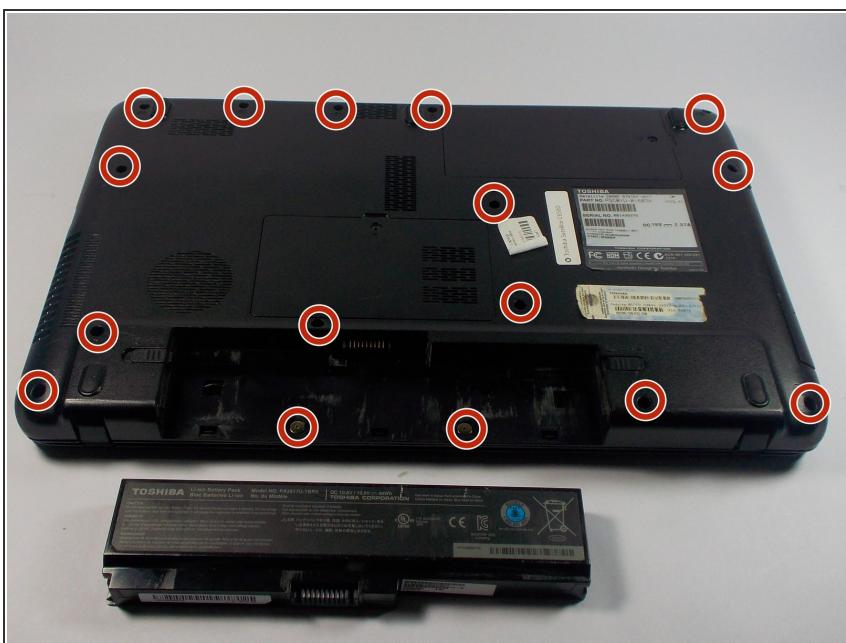
- Push the two latches away from the battery.

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.
- *i* Make sure you keep track of all the screws.

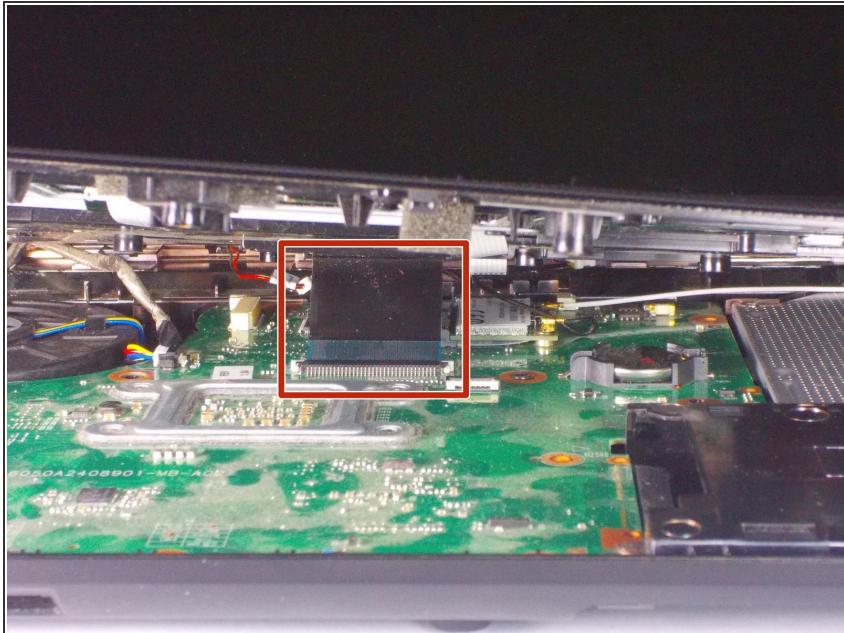
Step 5



- 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.

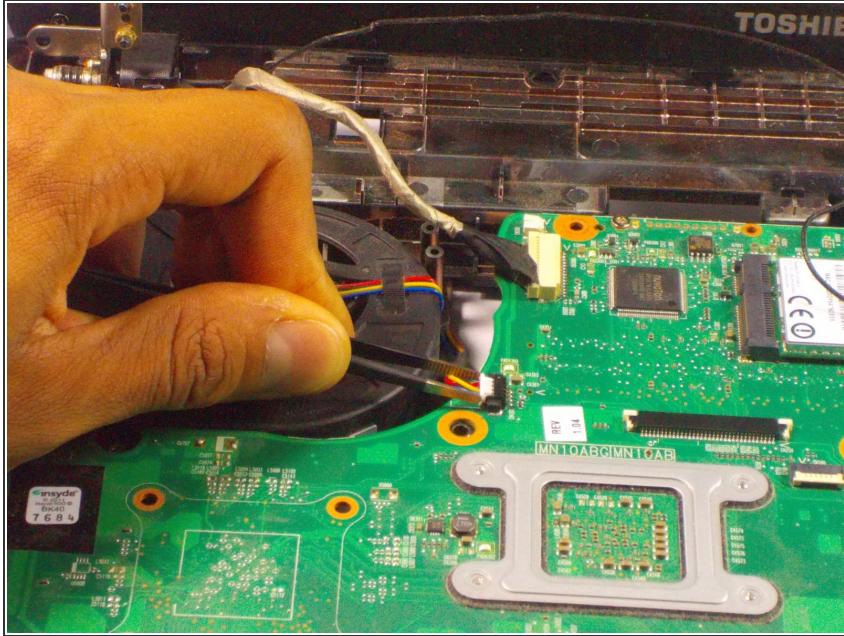
i Only lift the keyboard a little at a time, otherwise you risk damaging the plastic.

Step 6



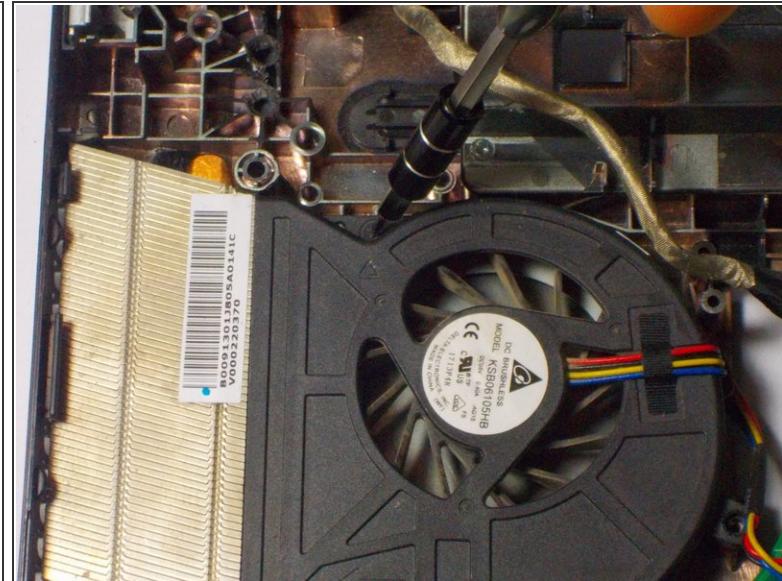
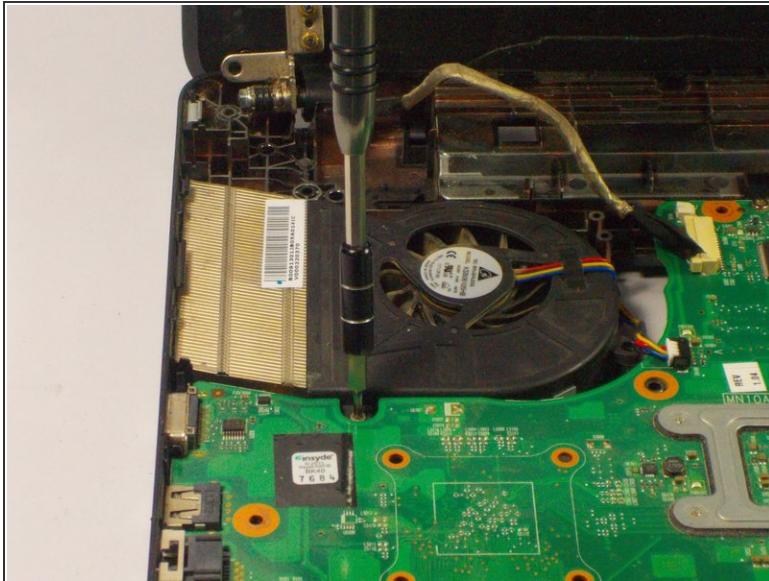
- Detach the ribbon cable that connects the keyboard to the motherboard.

Step 7 — Fan



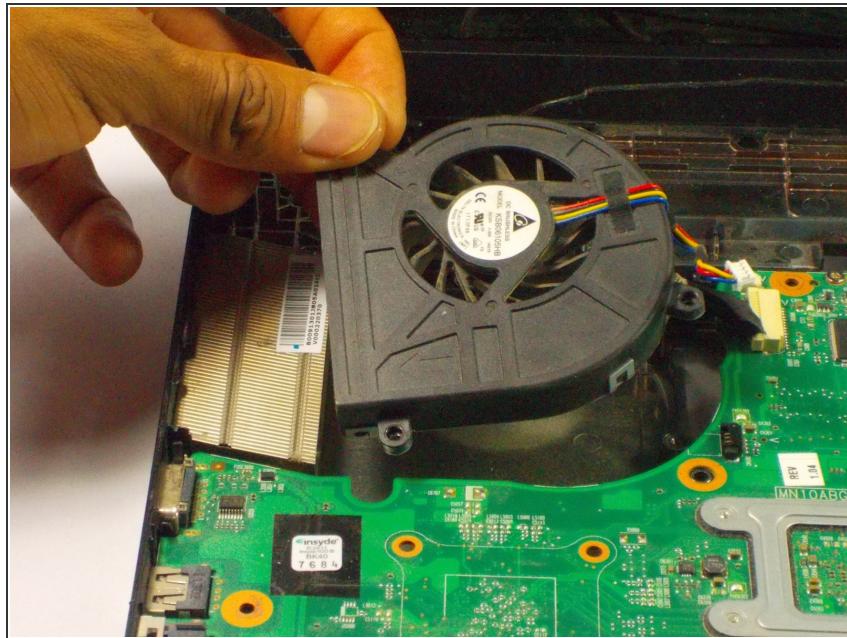
- Detach the cable connecting the fan to the motherboard.

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.