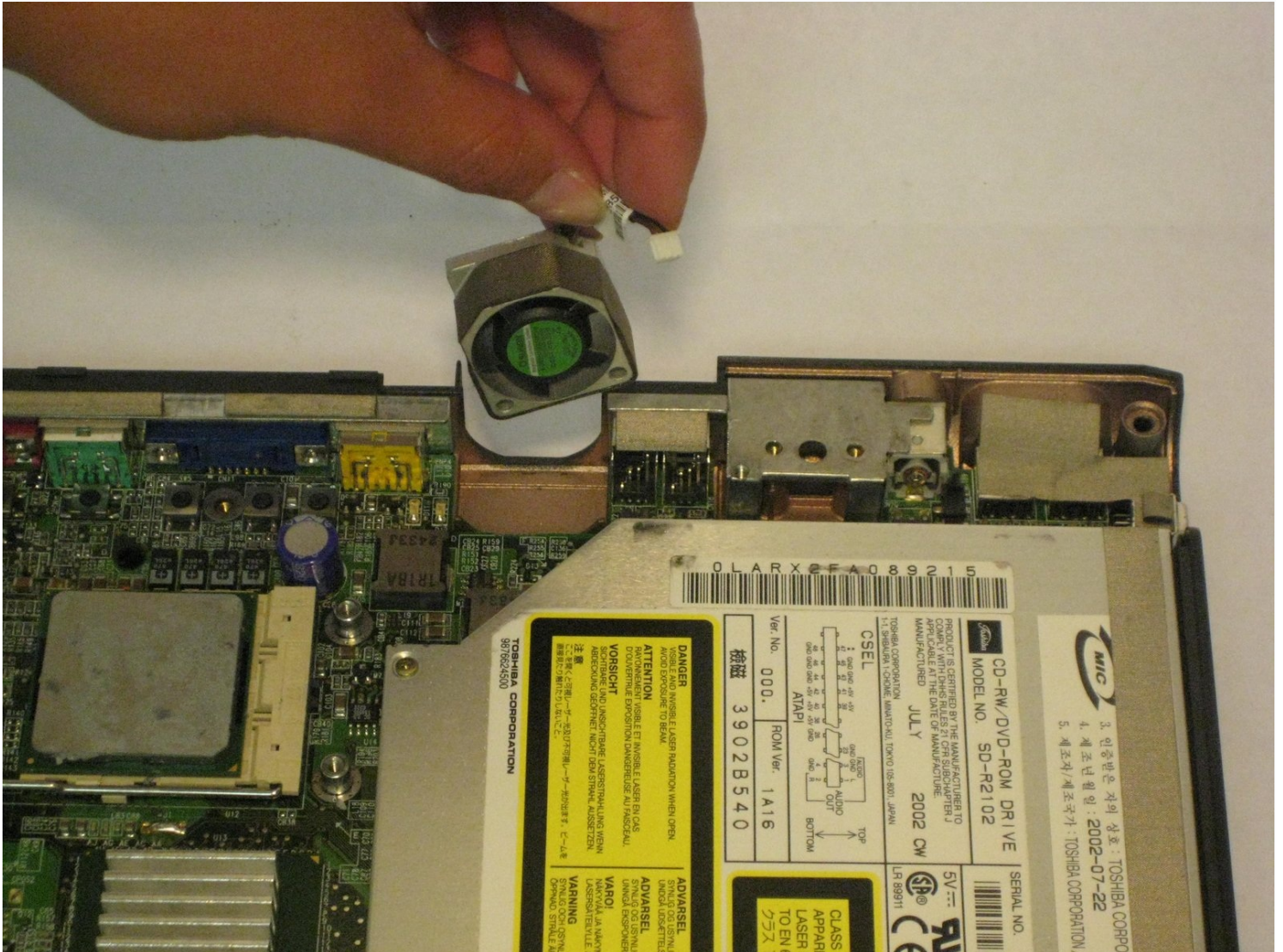




# Compaq Evo N1000v Fan Replacement

A guide on how to remove the Fan.

Written By: Alex Hernandez



# INTRODUCTION

A guide on how to remove the **Fan**.

## TOOLS:

Phillips #00 Screwdriver (1)

Spudger (1)

TR8 Torx Security Screwdriver (1)

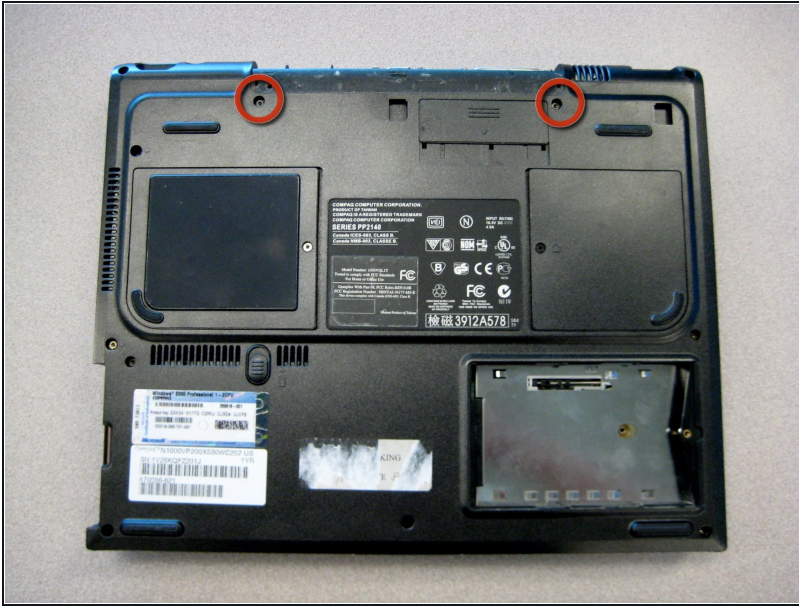
## Step 1 — LED Cover



- Flip the laptop over with the rear panel facing forward.



## Step 2



- Using a TR8 Torx screwdriver, remove the two T8 Torx screws that secure the LED cover to the base enclosure.

## Step 3



- Flip the laptop back over with the front facing forward. Open the screen.

## Step 4



- Locate the **F1** and **F2** keys near the top left corner of the keyboard.

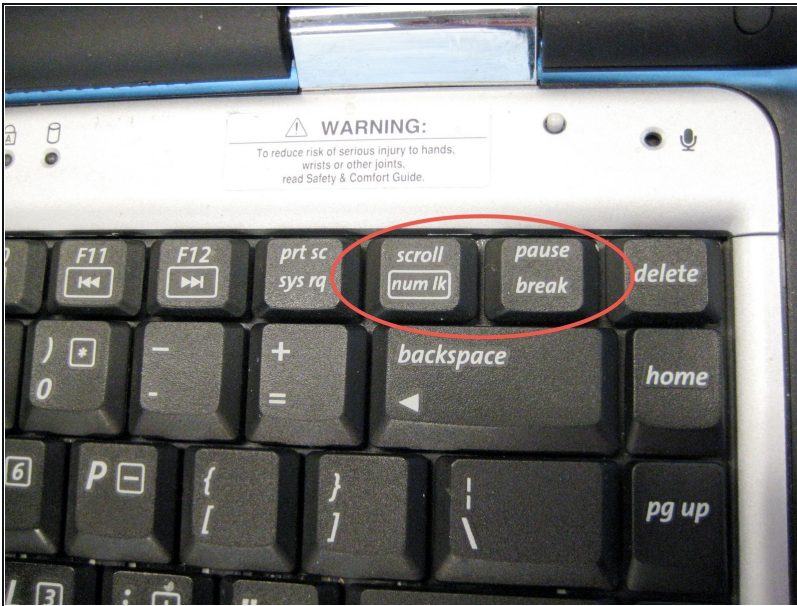
## Step 5



- While holding the **F1** and **F2** keys, insert a spudger between the keys into the notch in the LED cover. Lift up.



## Step 6



- Locate the **Scroll** and **Pause** keys near the top right corner of the keyboard.

## Step 7



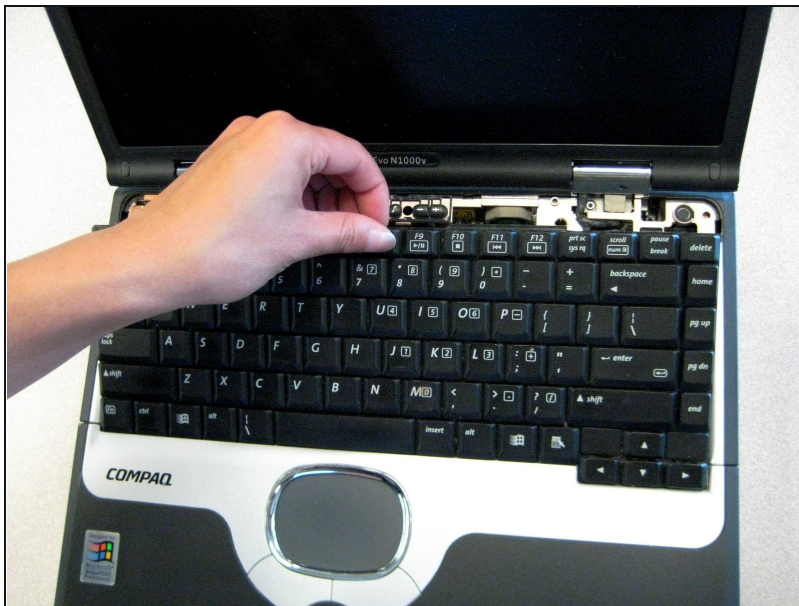
- While holding the **Scroll** and **Pause** keys, insert a spudger between the keys into the notch in the LED cover. Lift up.

## Step 8



- Insert a spudger between the **F7** and **F8** keys. Lift up to remove the LED cover.

## Step 9 — Keyboard



- Lift the back edge of the keyboard and pull towards the screen.



## Step 10



- Pull the cable and lift up to release.

## Step 11



- Remove the keyboard.

## Step 12 — Heat Sink



- Disconnect the cable connecting the fan to the system board.

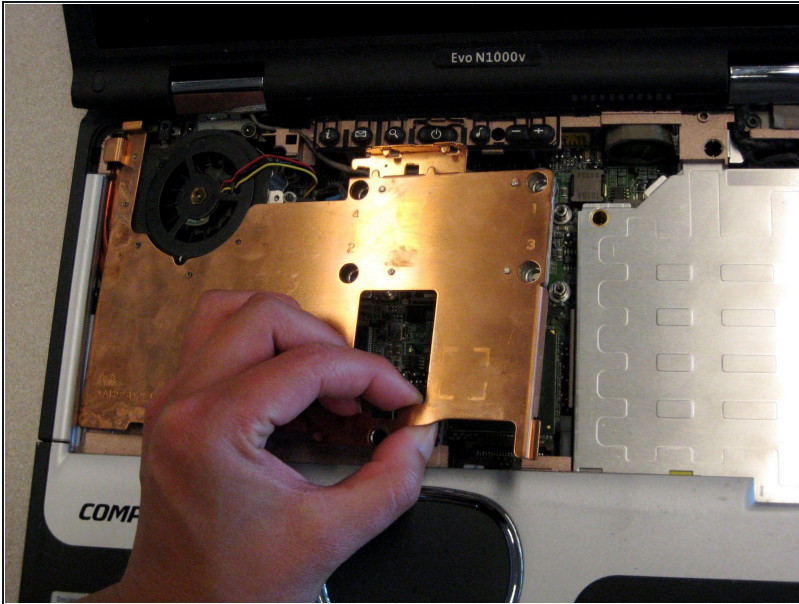
## Step 13



- Remove the four screws from the heat sink.



## Step 14



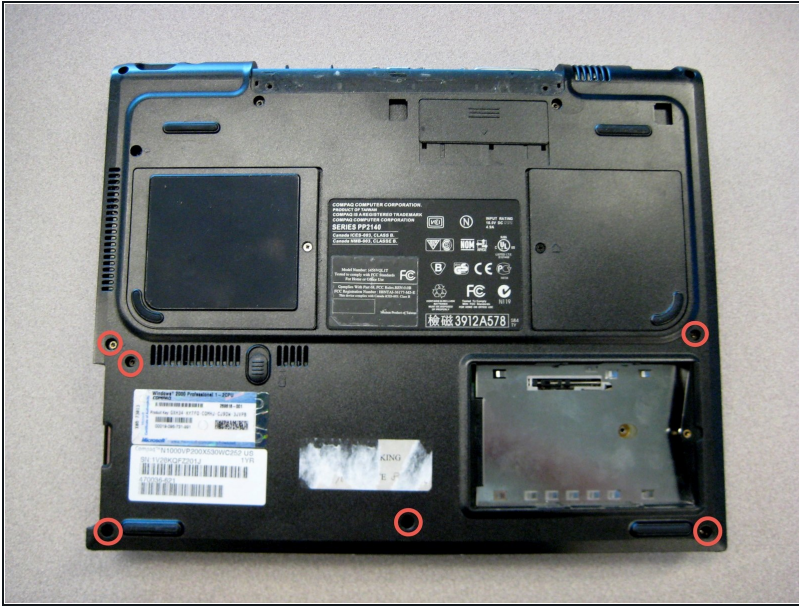
- Pull the the heat sink up and out of the computer.

## Step 15 — Palm Rest



- Close the laptop and flip it so the rear panel is facing up.

## Step 16



- Using the TR8 Torx screwdriver, remove the six screws from the back case.

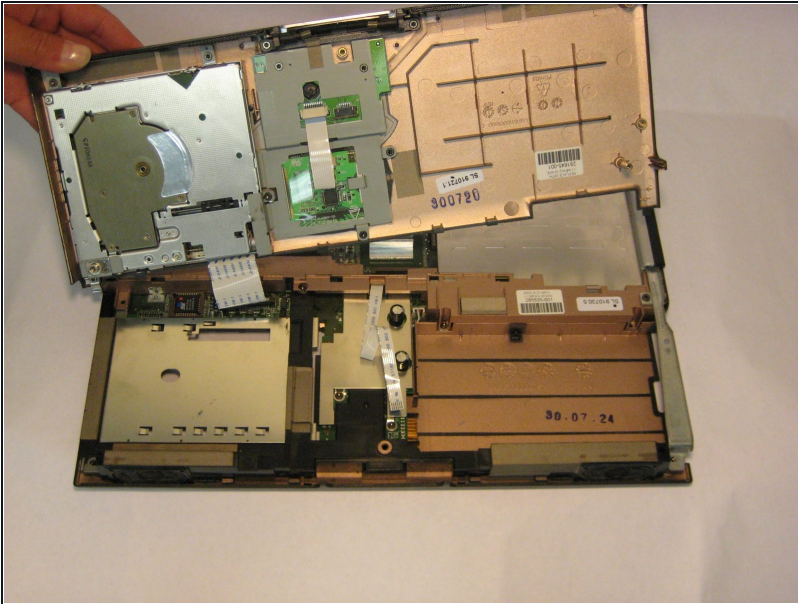
## Step 17



- Remove the battery.
- Remove the screw from the metal support on the case edge with a Torx T8 screwdriver.
- Flip the laptop over again so the top is facing up.
- Open the laptop screen and face it towards you.



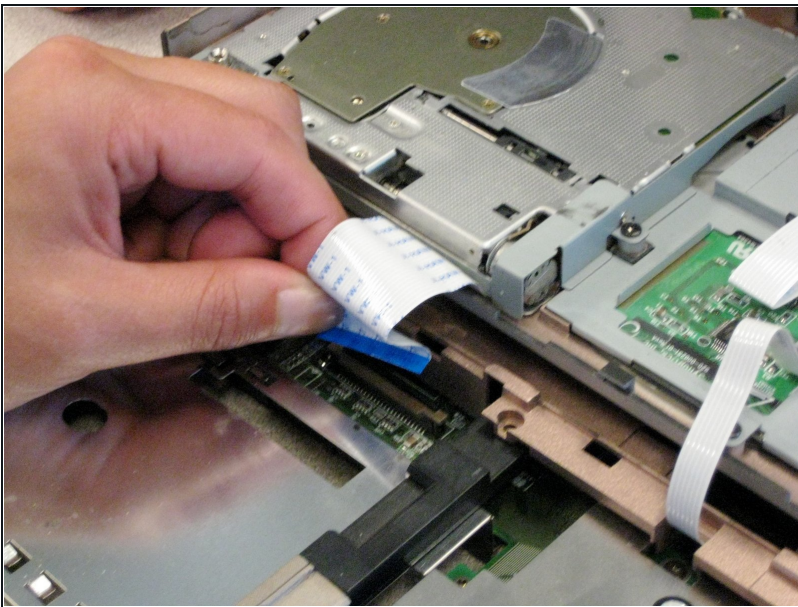
## Step 18



- Lift the the palm rest up from the front edge of the laptop and swing it towards the screen.

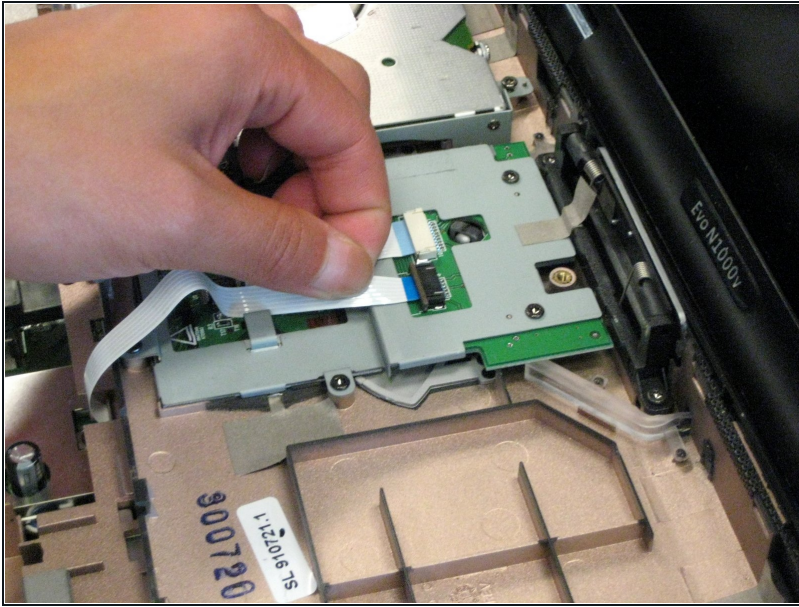
⚠ Be gentle as it is connected by some cables.

## Step 19



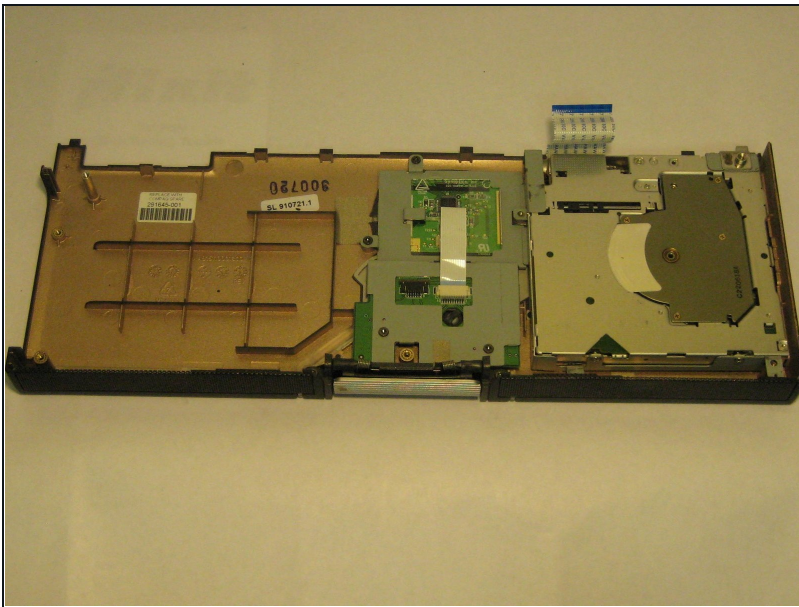
- Disconnect the ribbon connector from the socket.

## Step 20



- Disconnect the second ribbon cable.

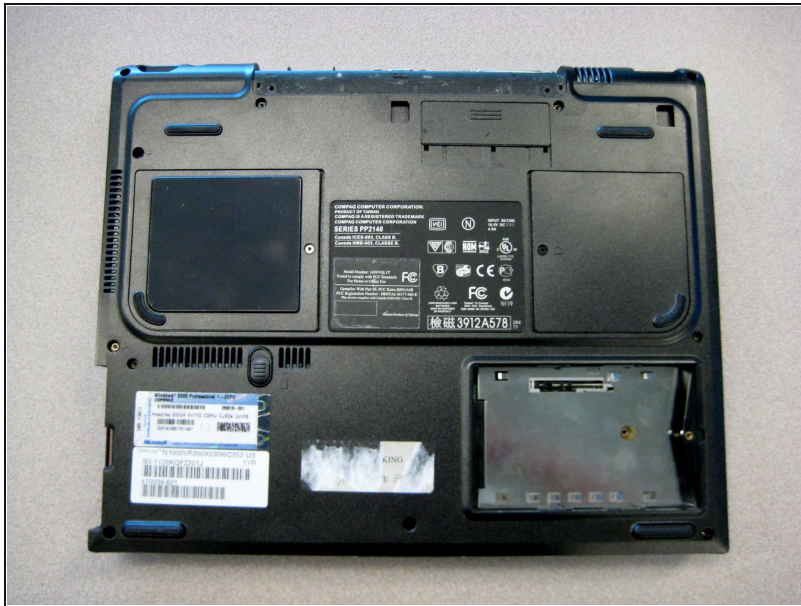
## Step 21



- Remove the palm rest.

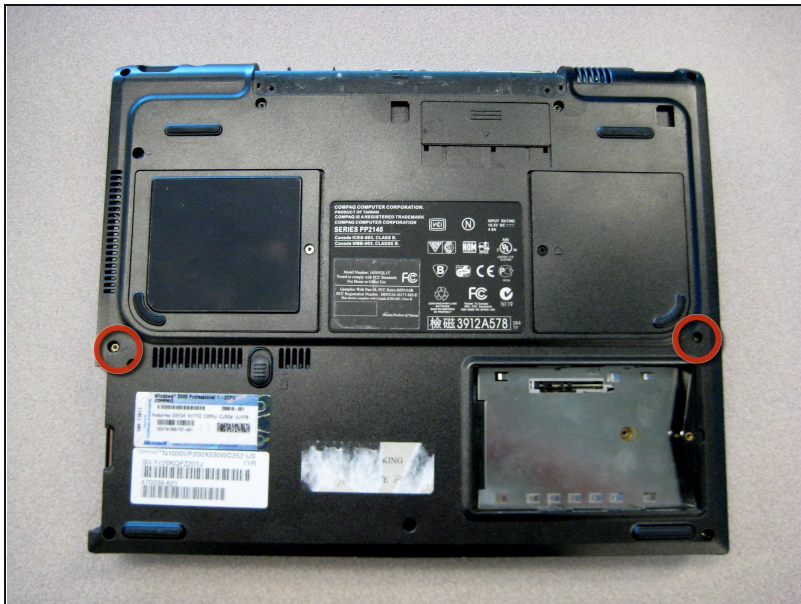


## Step 22 — Top Cover



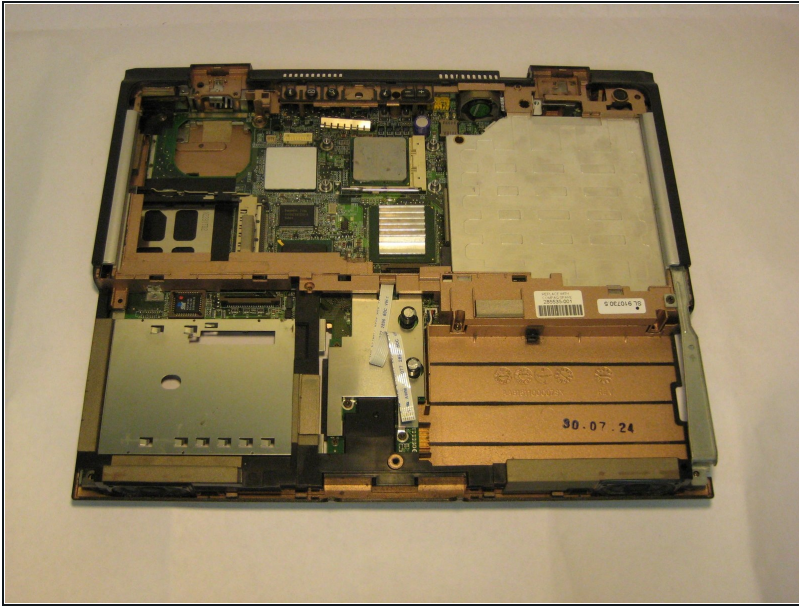
- Turn the laptop bottom side up.

## Step 23



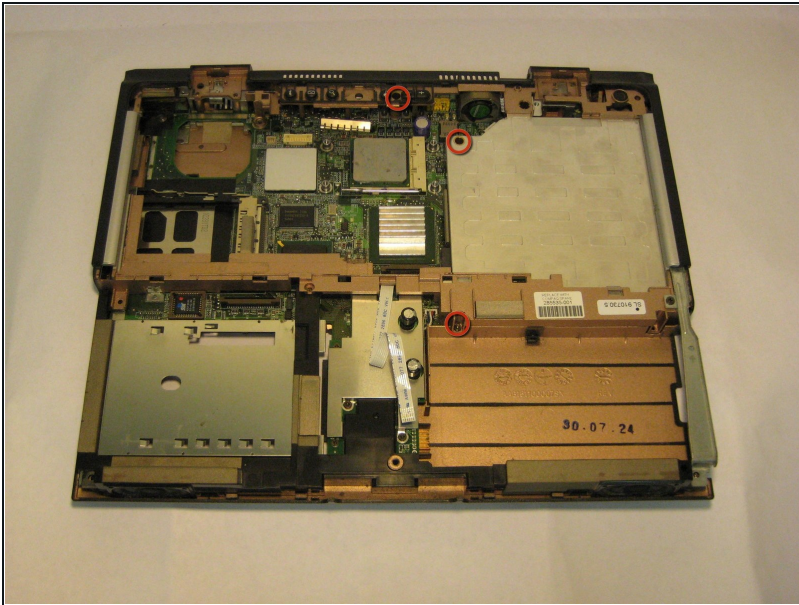
- Remove the two TM 2.5mm x 8.0mm screws that secure the top cover to the base.

## Step 24



- Turn the base top side up with the front facing forward.

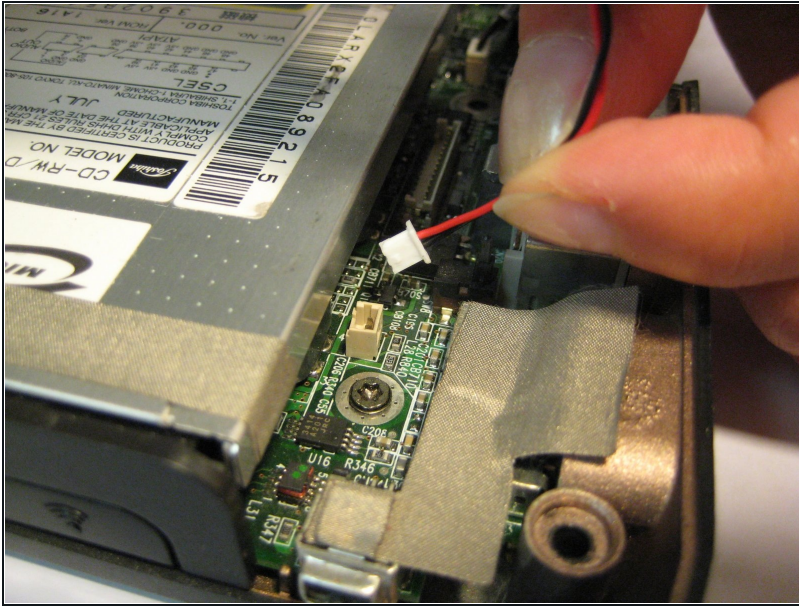
## Step 25



- Remove the three TM 2.5 mm x 5.0 mm screws that secure the top cover to the base.

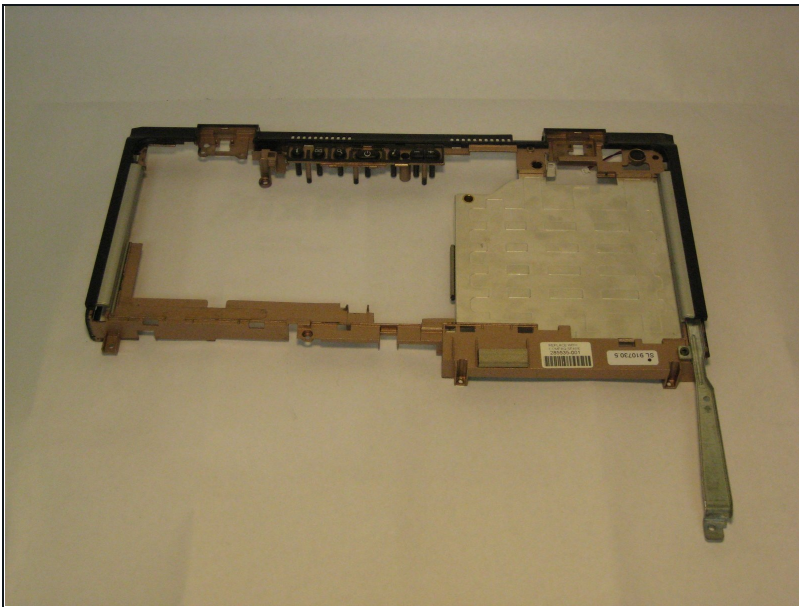


## Step 26



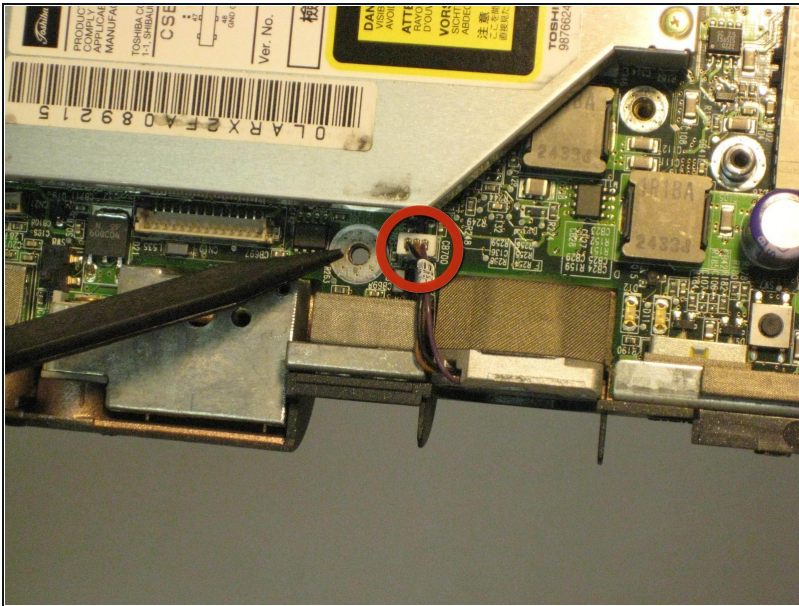
- Lift the top cover straight up about one inch, then slide forward until the microphone cable is exposed.
- Disconnect the microphone cable from the system board.

## Step 27



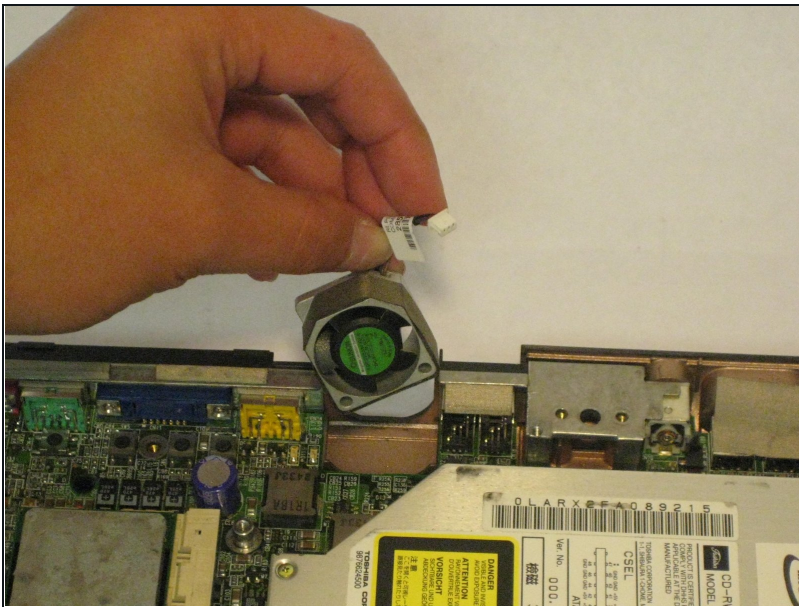
- Remove the top cover from the base.

## Step 28 — Fan



- Disconnect the fan cable from the system board.

## Step 29



- Remove the fan from the base.

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