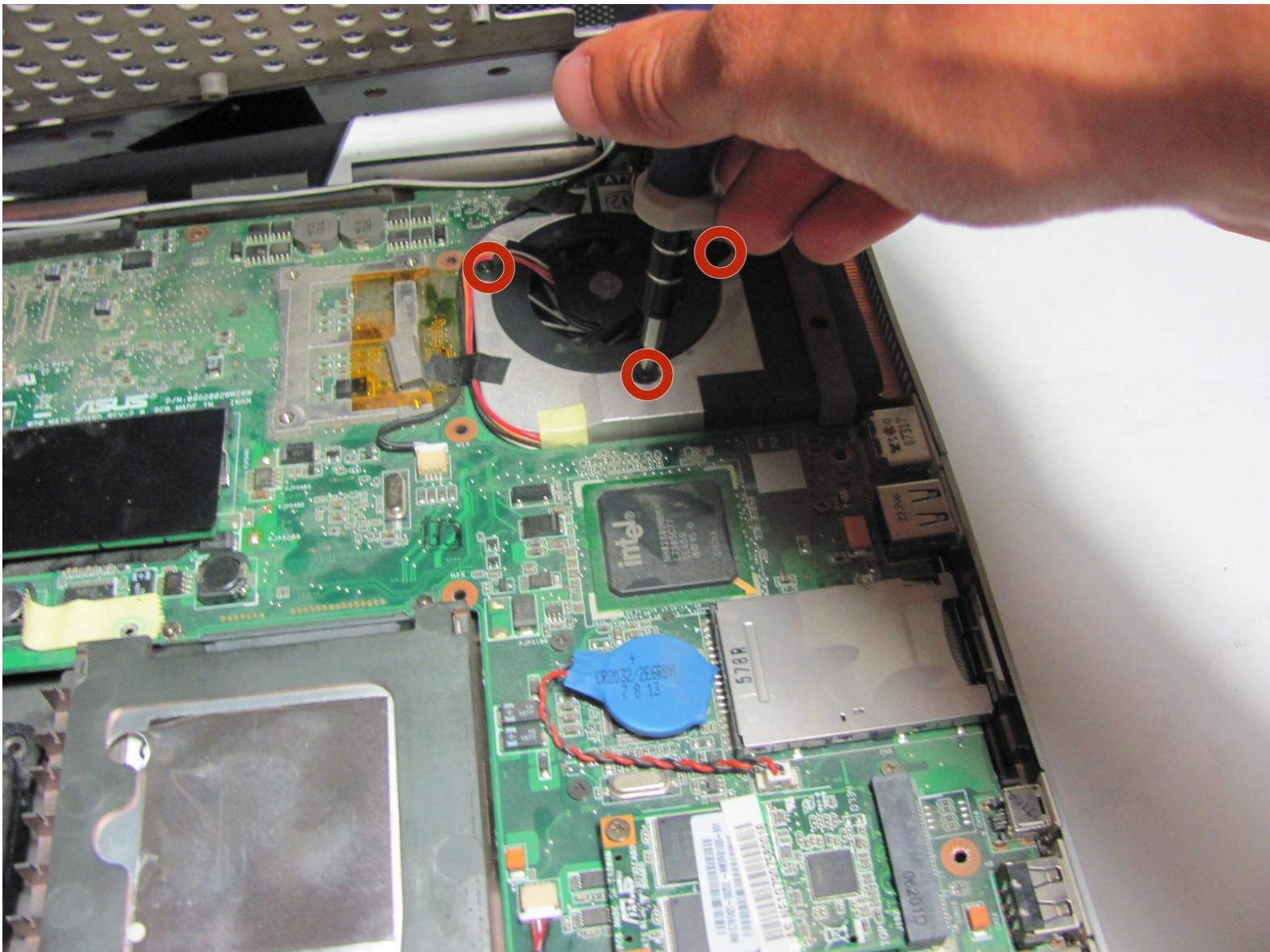# Asus W2W-A1 Fan Replacement

Remove and replace the laptop fan.

Written By: Emily Mullins

## 🔧 TOOLS:

- [Screwdriver](#) (1)
- [Phillips #0 Screwdriver](#) (1)

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## Step 1 — Keyboard



- Remove the battery, then unscrew the 7 3 mm Phillips screws behind the battery. Make sure they go in separate, organized piles.

- Unscrew the 2 4 mm Phillips head screws by the battery.

## Step 2



- Remove the panel above the keyboard with a plastic spudger.

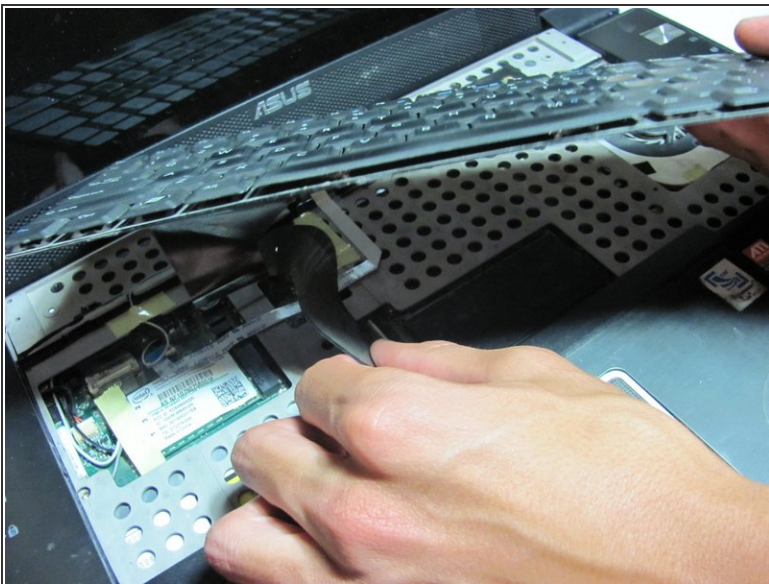This document was generated on 2019-09-18 03:33:24 PM (MST).

## Step 3



- Once the panel is removed, use the spudger to pry out the keyboard.

⚠ Do not fully remove, for the keyboard is still attached to the ribbon cable.
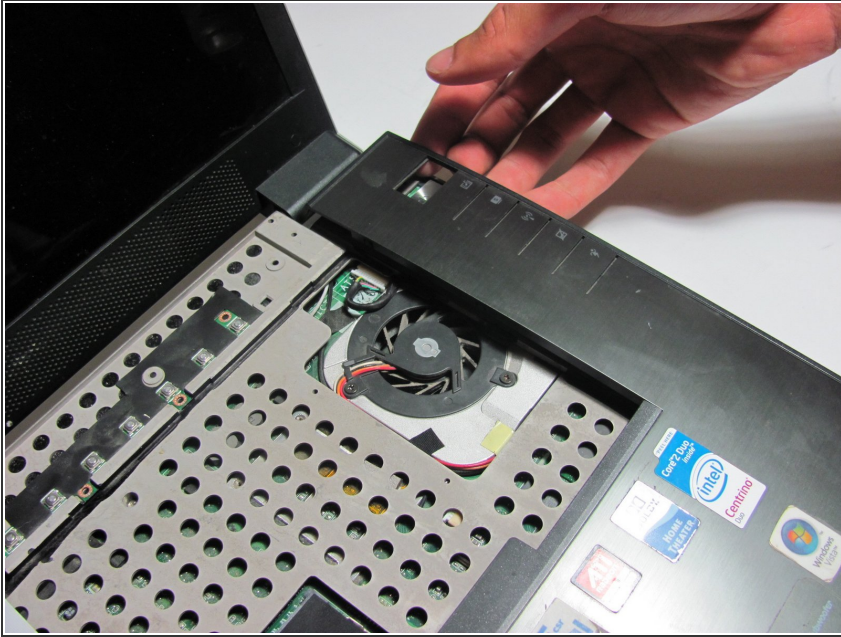
## Step 4



- Detach the ribbon cable from the keyboard by pulling the end of the ribbon cable that is attached inside of the laptop.

⚠ Be sure to detach from the root rather than from near the middle. It should slide out with ease.

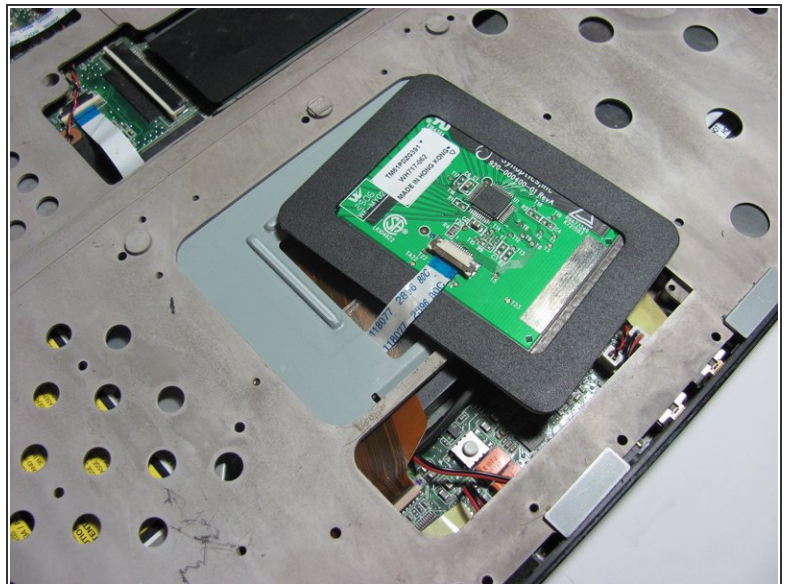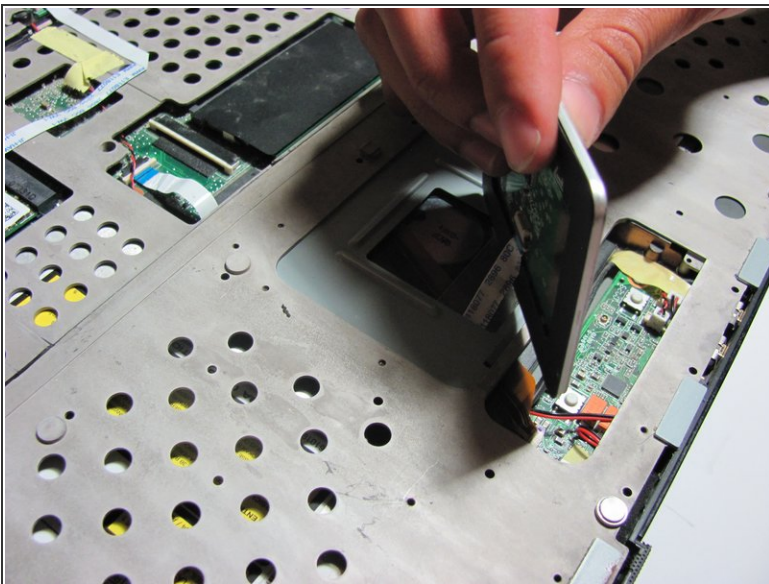- Now you can fully remove the keyboard from the laptop.

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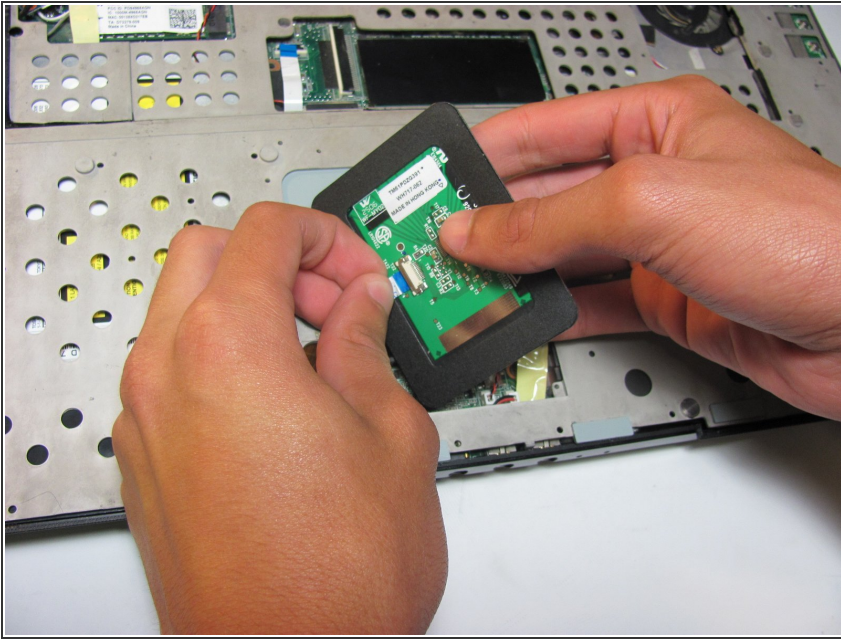
## Step 5 — Front Panel



- Place your fingers or a spudger between the front panel and the rest of the laptop.

- Pull upwards gently to detach the side you are grabbing.

- Repeat on the other side until the panel easily peels off the laptop.
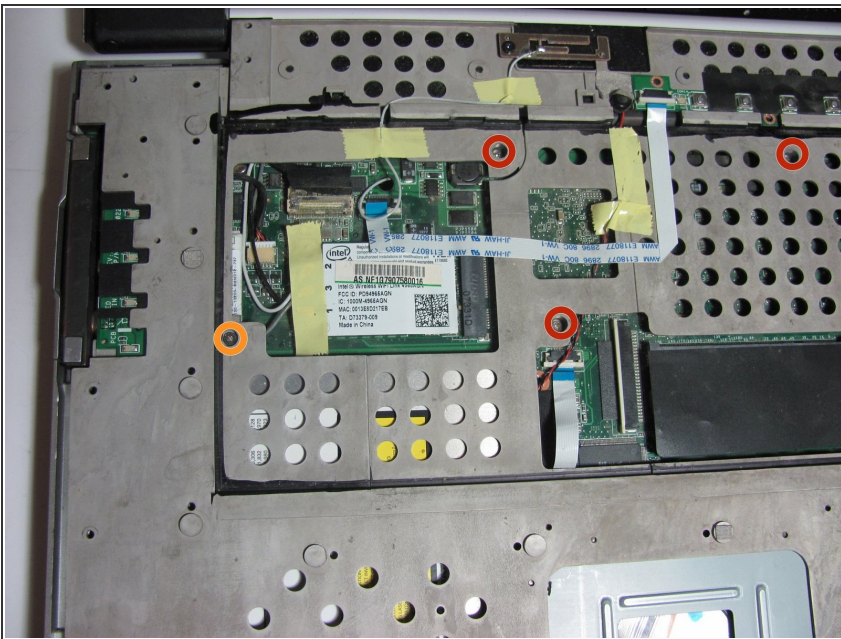
## Step 6 — Touchpad



- The touchpad should be loosely attached to the rest of the laptop by a ribbon cable.

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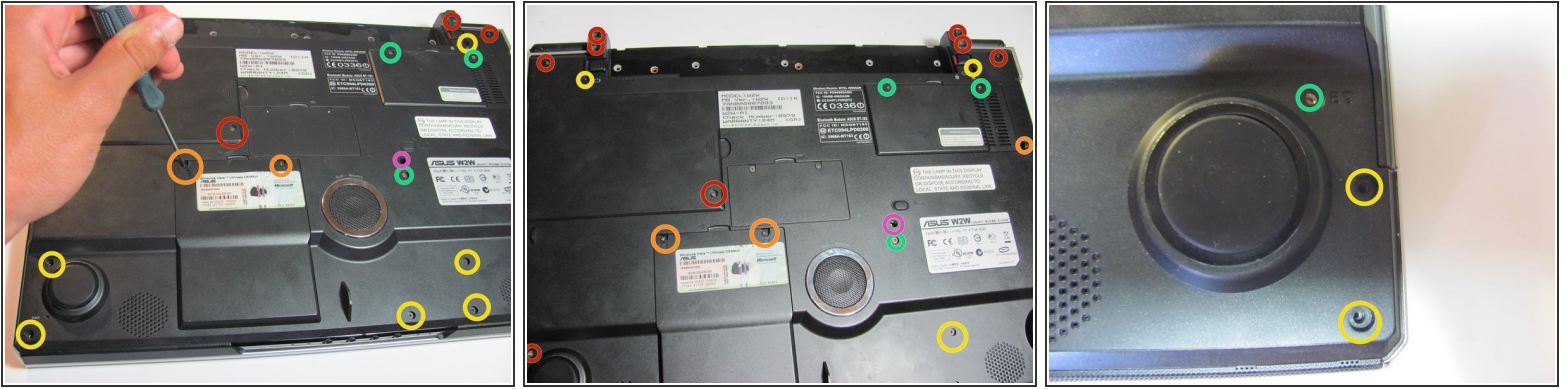
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## Step 7



- Gently pull the ribbon cable out of its socket attached to the touchpad.

- You are now able to remove the touchpad.

## Step 8 — Protective Cover



- Unscrew the 3 13 mm Phillips screws on the surface of the panel.
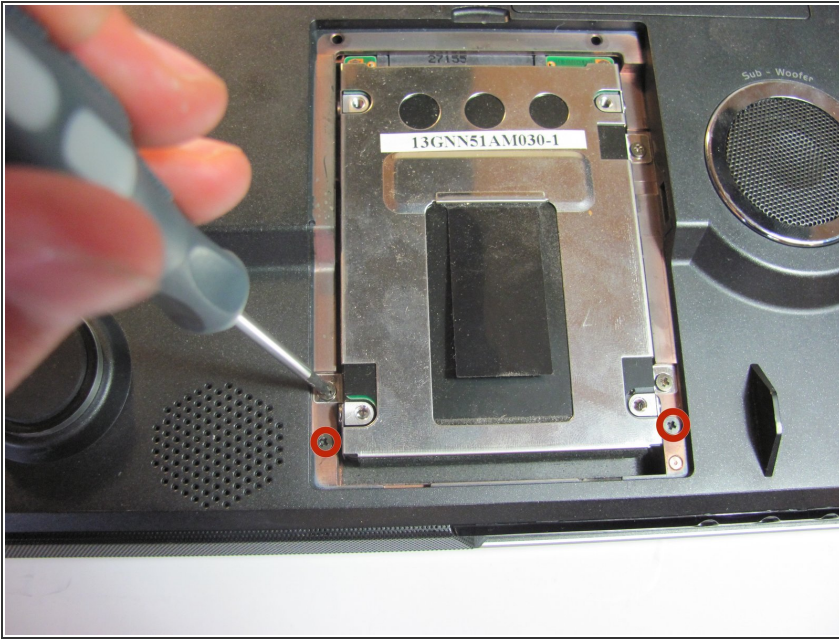
- Unscrew the 4 mm Phillips screw beneath the panel.

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## Step 9



⚠ There are many different types of screws in this step so make sure to arrange the screws by their different sizes.

● Unscrew the six 17 mm Phillips head screws on the stands on the back and the 2 "A" screws of the same size adjacent to the stands.

● Unscrew the two C Phillips head screws on the hard drive panel. There is also one more C screw in the upper right corner of the laptop as shown.

● Unscrew the eight 8mm lock phillips screws and the screws along the outside of the laptop.

● Unscrew the three 3mm E Phillips screw and the one 3mm D Phillips screw.

● Unscrew the 5mm Phillips head screw that lies just above the D screw.

## Step 10



- Unscrew the two 8 mm Phillips screws beneath the hard drive panel.

- (i) After finishing this step, flip the laptop over.
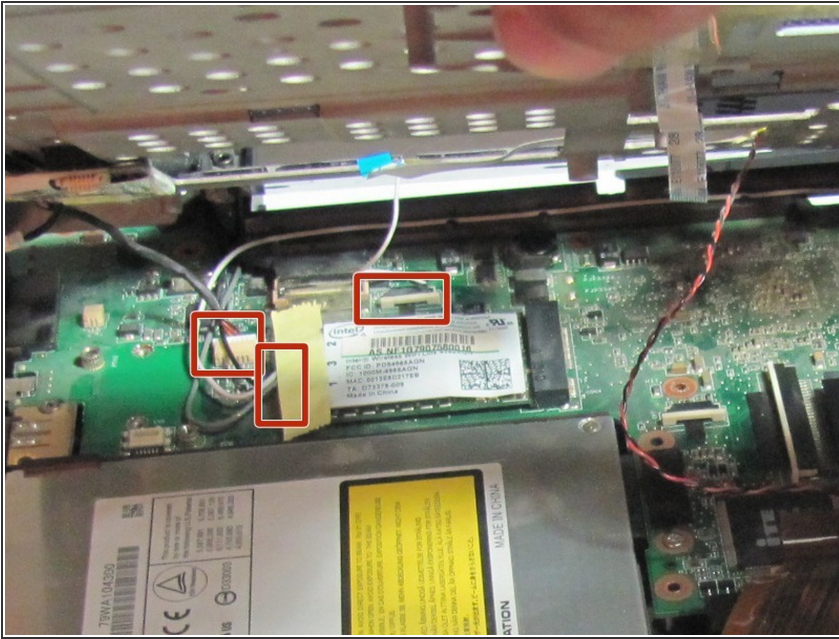
## Step 11



- Everything should now be loose enough for you to start removing the panel.
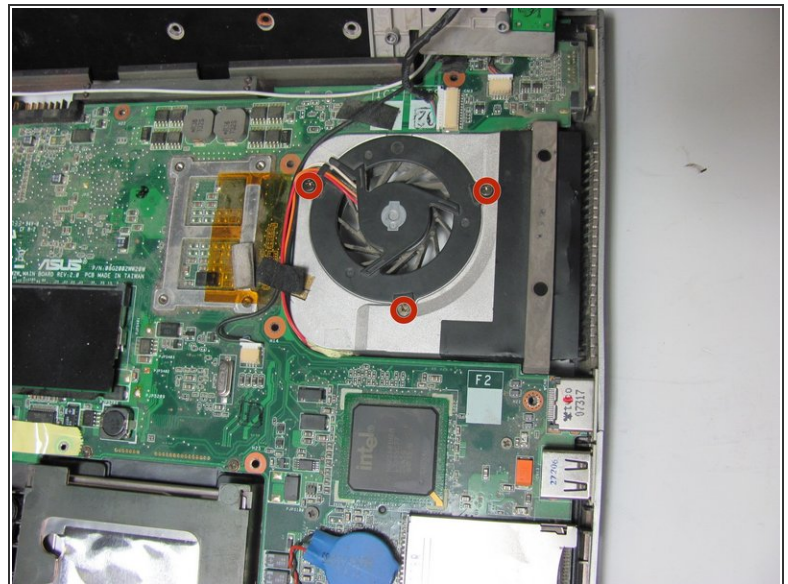
- ⚠ Do not fully remove the panel, for there are still ribbons attached on the inside.

## Step 12



- Carefully remove the ribbons from the base.

- Then you can lift the panel to access the components beneath.
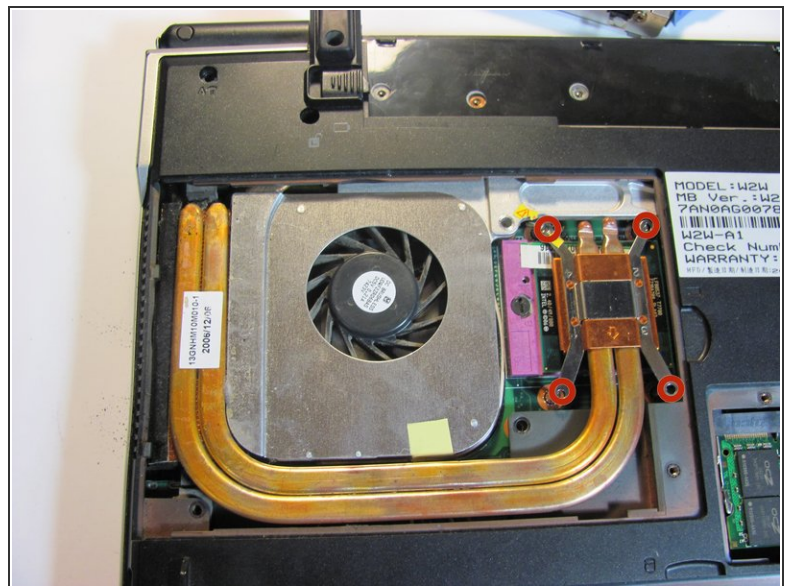
## Step 13 — Fan



- Remove the 3 4 mm Phillips head screws holding down the fan on inside of the laptop.
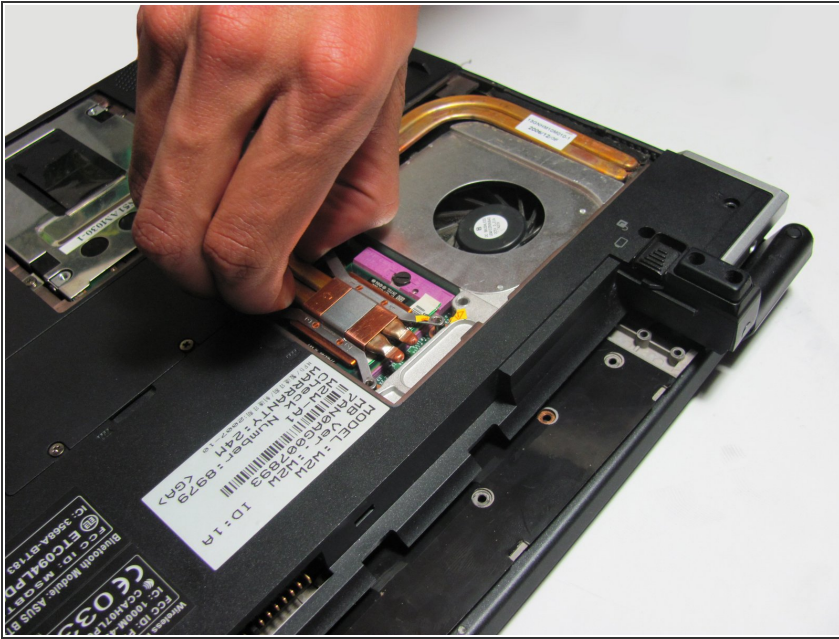
## Step 14



- Remove the 4 mm Phillips head screw holding the left panel on the back of the laptop.

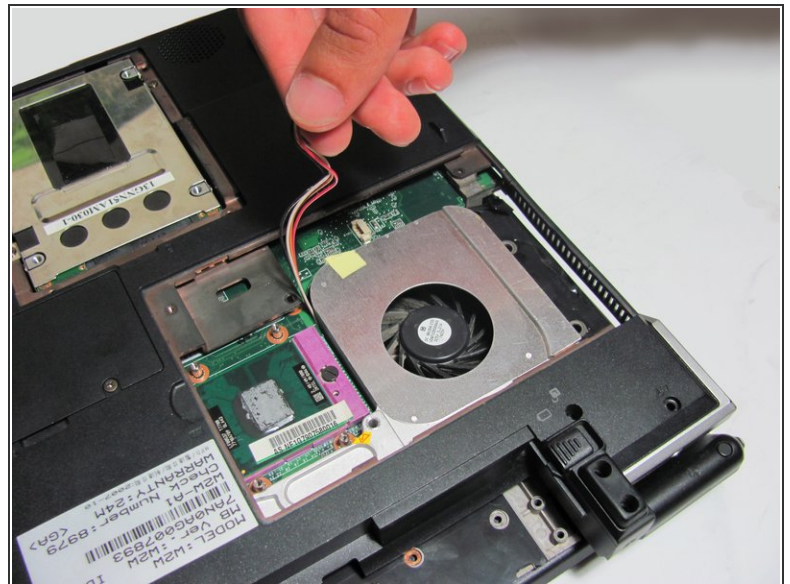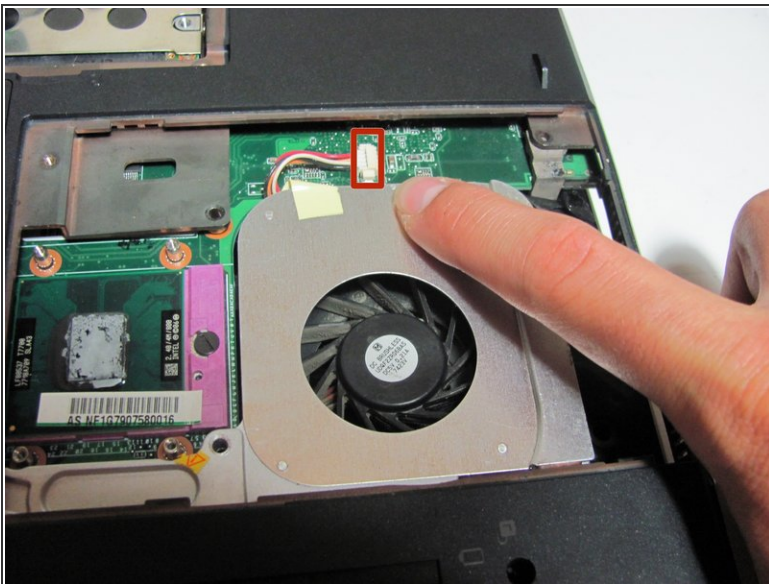- Slide off the left panel by pulling to the left.

## Step 15



- Remove the 4 4 mm Phillips screws on the orange cooling system.

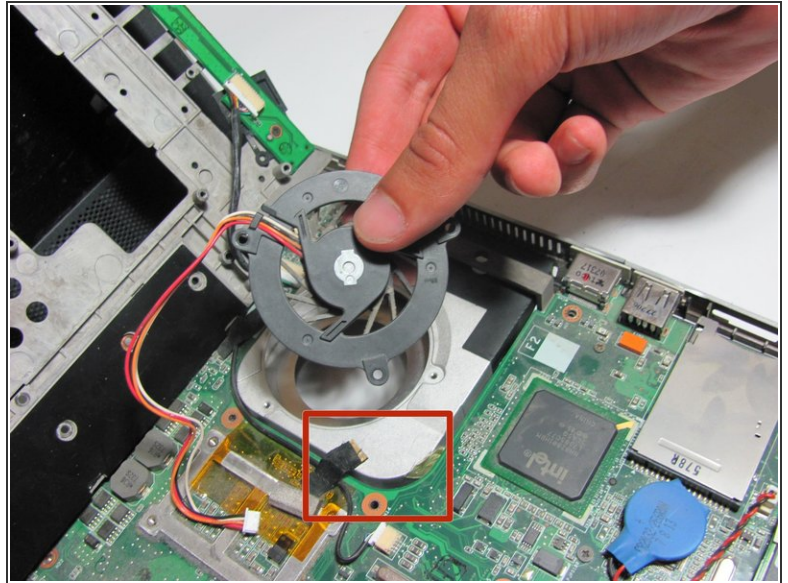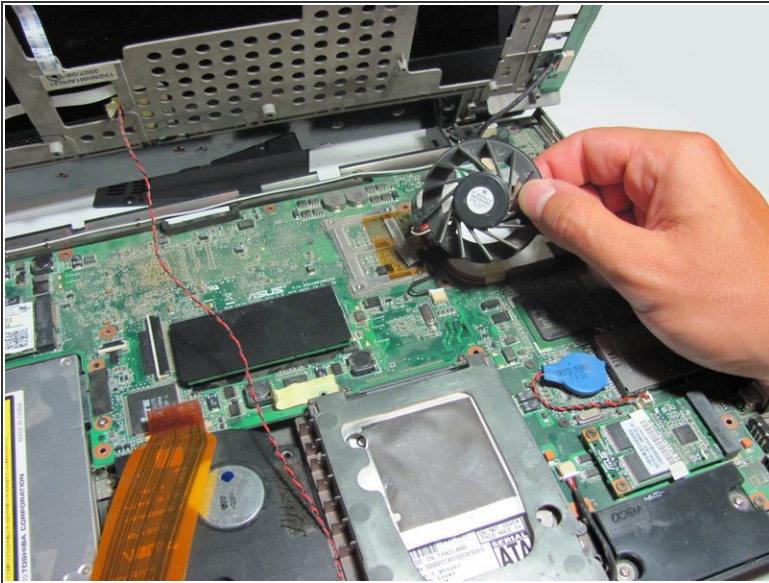This document was generated on 2019-09-18 03:33:24 PM (MST).

## Step 16



- Gently lift the orange cooling system upward to remove it from the laptop.

## Step 17



- Disconnect the cable from its socket by pulling up on it gently. It will be revealed beneath the previously removed cooling system.

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## Step 18



- From the front of the laptop, remove the tape holding down the fan's cable.

- Gently push down on the protective area around the fan as shown to pull the cable through the gap created.

- Lift the fan out of the laptop.

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