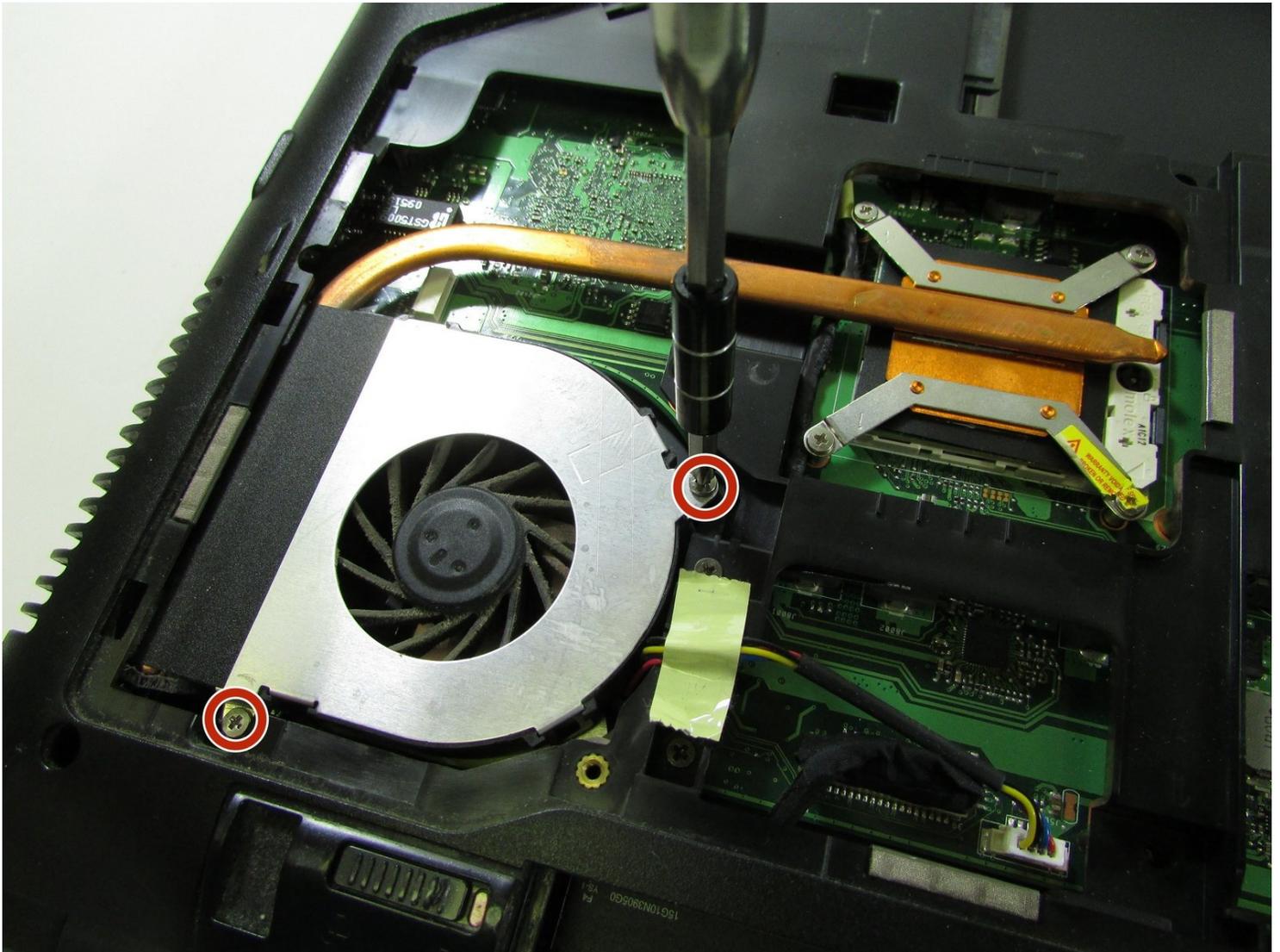




Asus U50F-RBBAG05 Fan and Heat Sink Replacement

The fan of a laptop helps prevent the device...

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INTRODUCTION

The fan of a laptop helps prevent the device from overheating and shut down. The heat could be due to an overproduction of dust accumulated from the fan. Instead of throwing it out, this guide will show you in 8 steps how to remove the fan and heat sink of your Asus laptop, and then by following the instructions in reverse, you can replace the fan and heat sink.

TOOLS:

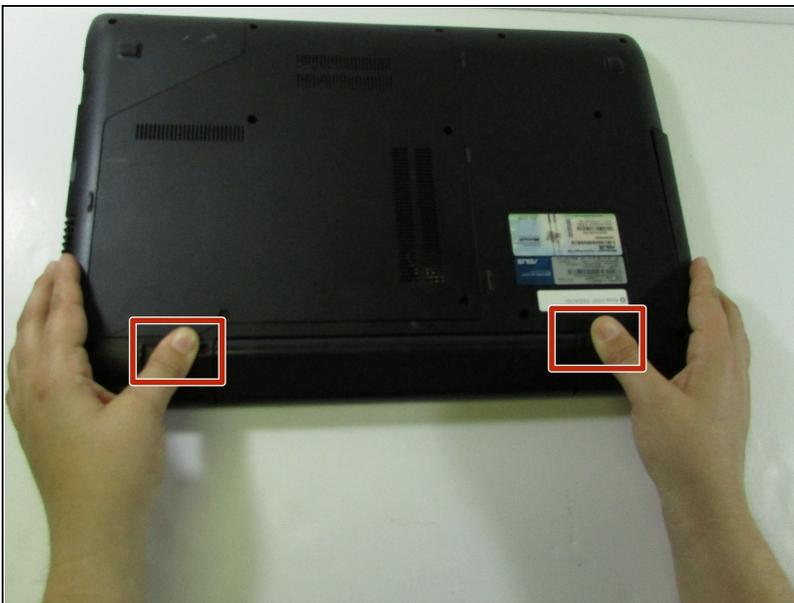
Spudger (1)

dry erase marker (1)

Magnetic Project Mat (1)

Phillips #1 Screwdriver (1)

Step 1 — Battery



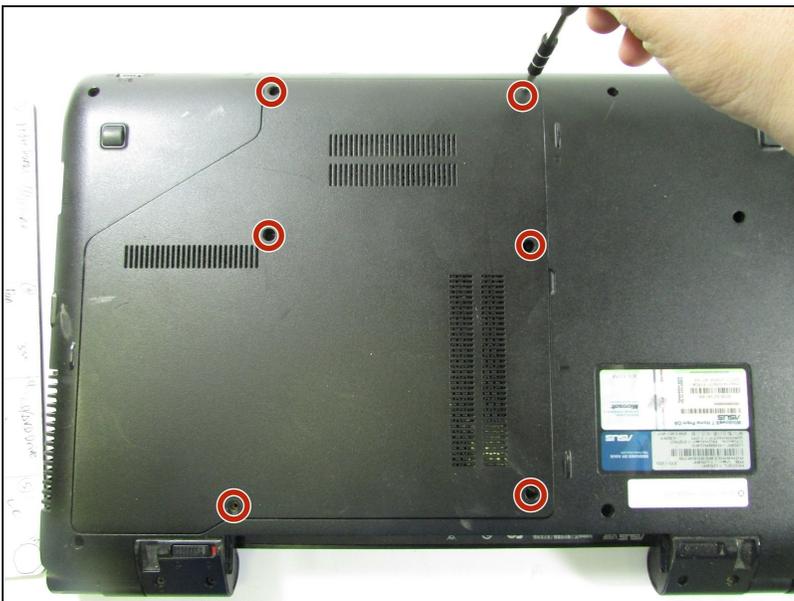
- Turn the laptop over so the bottom is facing up.
 - Slide the two tabs on the bottom of the laptop toward the edges of laptop.
 - Slide the left tab to the left to lock it into the unlocked position. The red showing next to the tab signifies that it's unlocked.
-  You will have to hold the right tab to the right to keep the slot unlocked while removing the battery.

Step 2



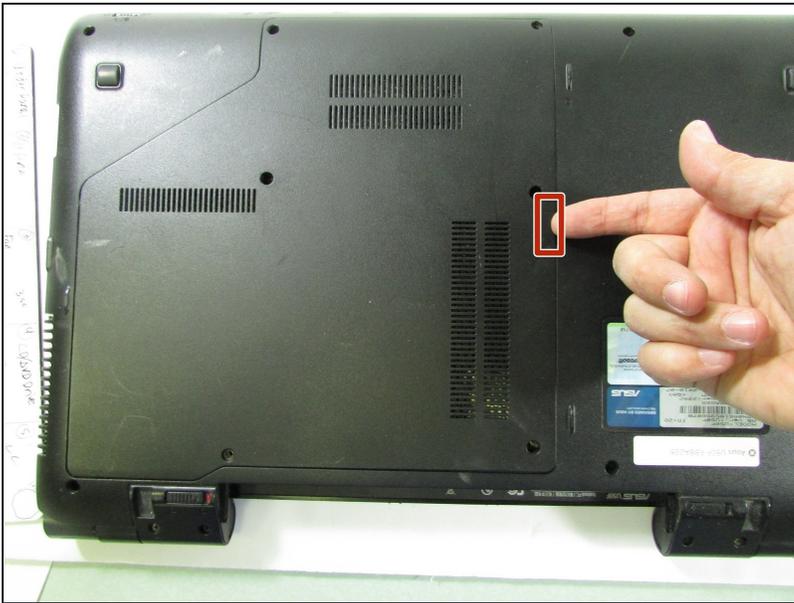
- Hold down the tab on the right side, then begin sliding the battery out.
- Remove the old battery.
- ☑ Next, insert the new battery into the empty slot. Release the right tab to begin locking the new battery into place. Slide the left tab to the right to completely lock the battery into the slot. The red that was showing near the left tab should be gone. This signifies that the battery is locked into place.

Step 3 — Underpanel



- Remove the six screws using a Phillips #1 screwdriver.

Step 4



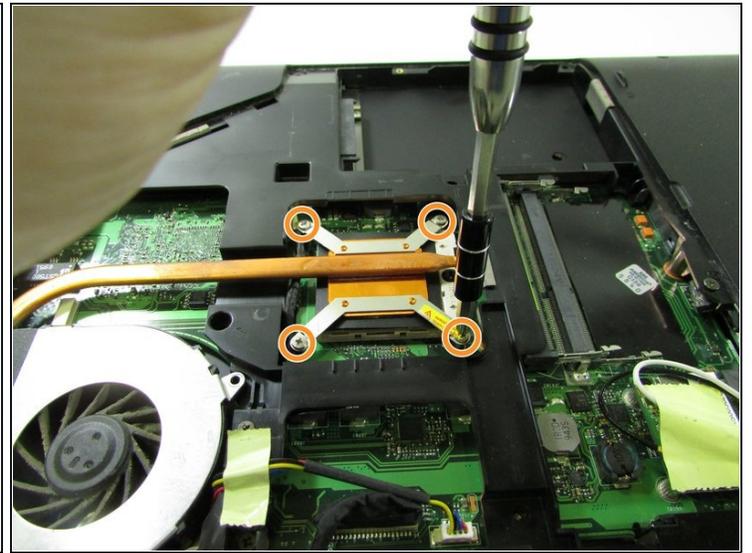
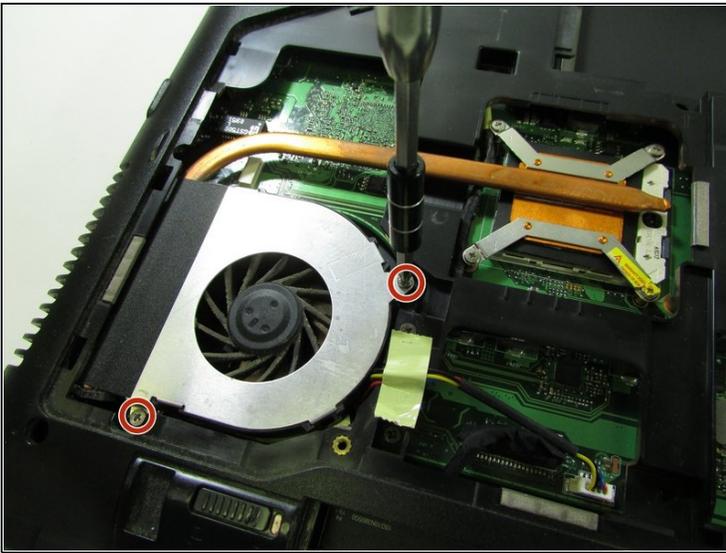
- Pry the lower panel up with your fingernail or a spudger.

Step 5



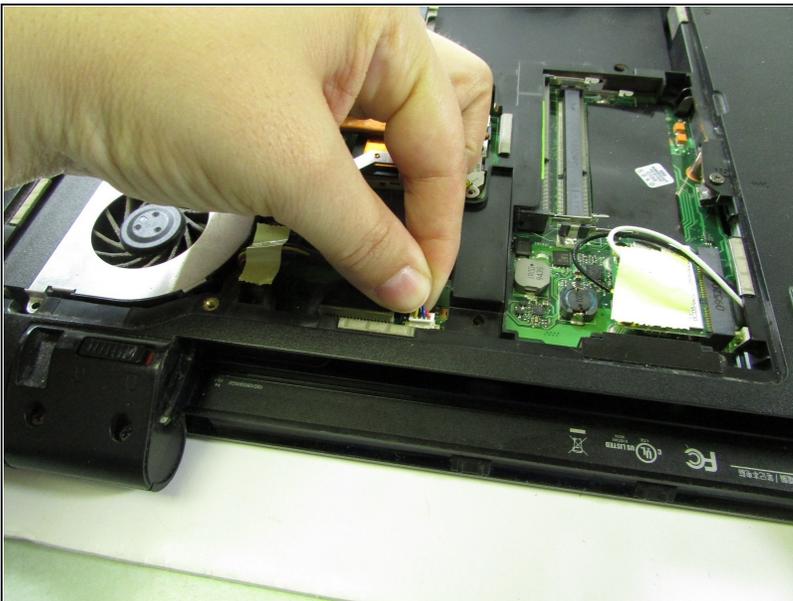
- Lift up on the panel and remove it.

Step 6 — Fan and Heat Sink



- Use the Phillips #1 to remove two screws from the fan that attach it to the motherboard.
- Remove the four screws on the heat sink.

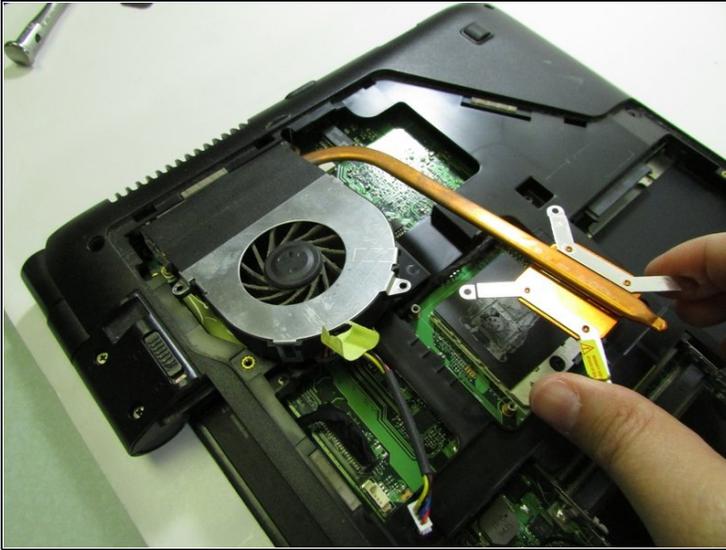
Step 7



- Pull the bundled cable away from the connector in the same direction the individual wires are running.

⚠ Potential for device damage: Pull evenly on the connector so that no individual wires are overly strained.

Step 8



- Pull up the heat sink a bit and then pull back.
- ⓘ There's an overhanging piece of the lower panel near the fan that you have to scoot out of.
- Lift and remove both the fan and heat sink.

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