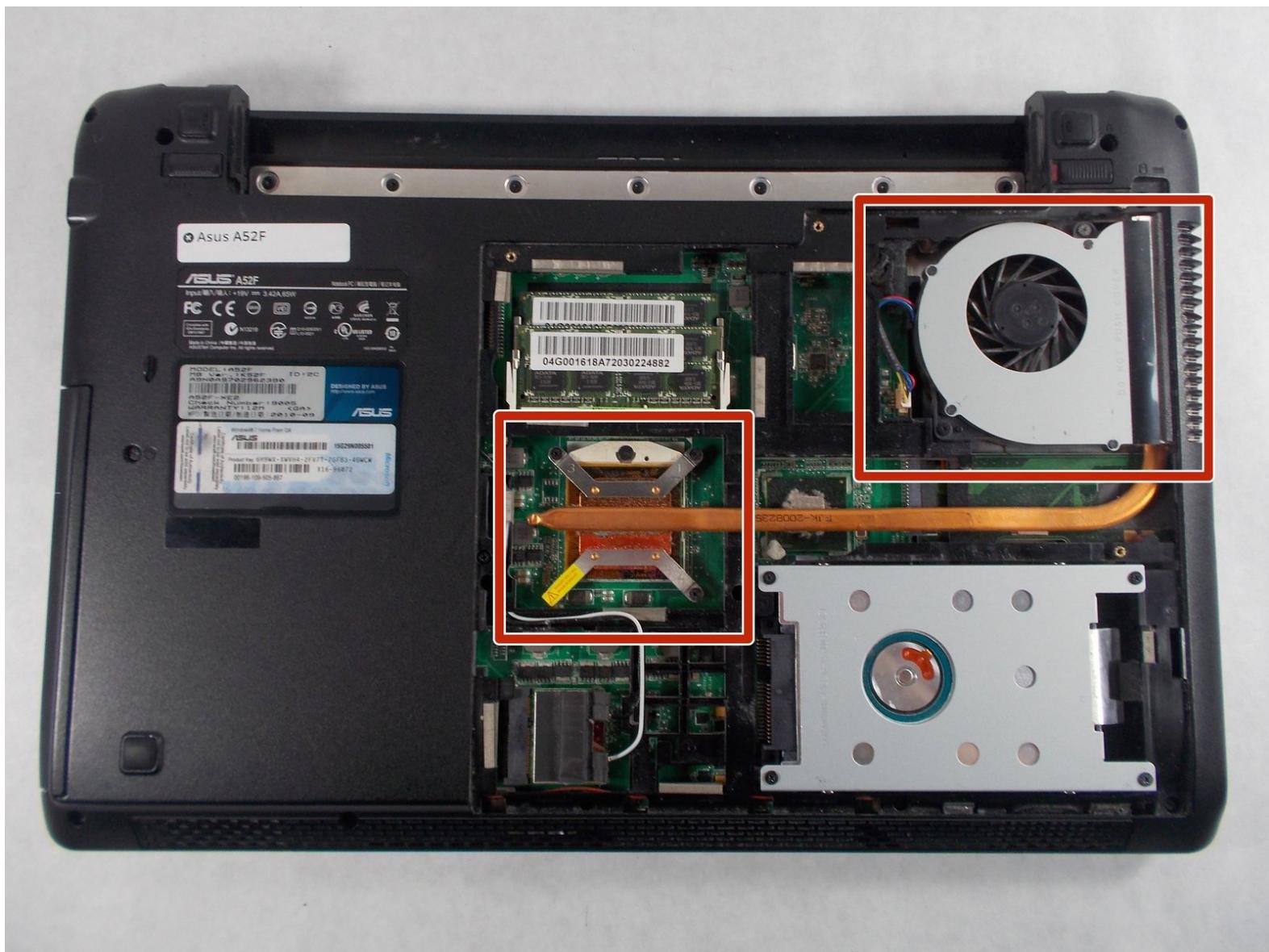




Asus A52F Cooling System Replacement

This guide shows the steps necessary to remove and replace the cooling system.

Written By: Bradley Varnum



 **TOOLS:**

- **Phillips #0 Screwdriver** (1)
- **Spudger** (1)
- **Anti-Static Wrist Strap** (1)

Step 1 — Battery



- Place the laptop face down with the battery facing away from you.
- Locate the two buttons next to the battery.
- Slide the right slider to the unlocked (red) position.

Step 2



- Hold the left button to the left.
- Slide the battery with your other hand away from you and it should disconnect.

Step 3 — Lower Case



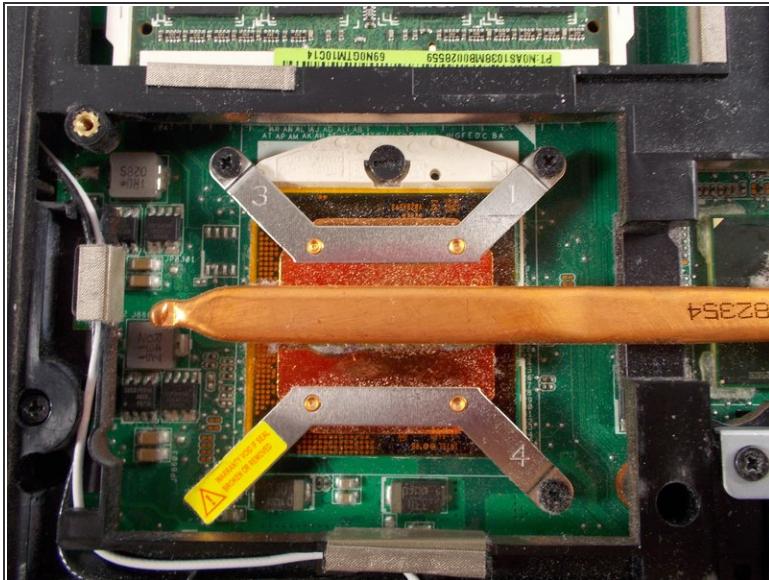
- Remove the five Phillips # 0 screws from the back panel.
- Using your finger or a plastic spudger start to carefully pry up the back panel.

Step 4



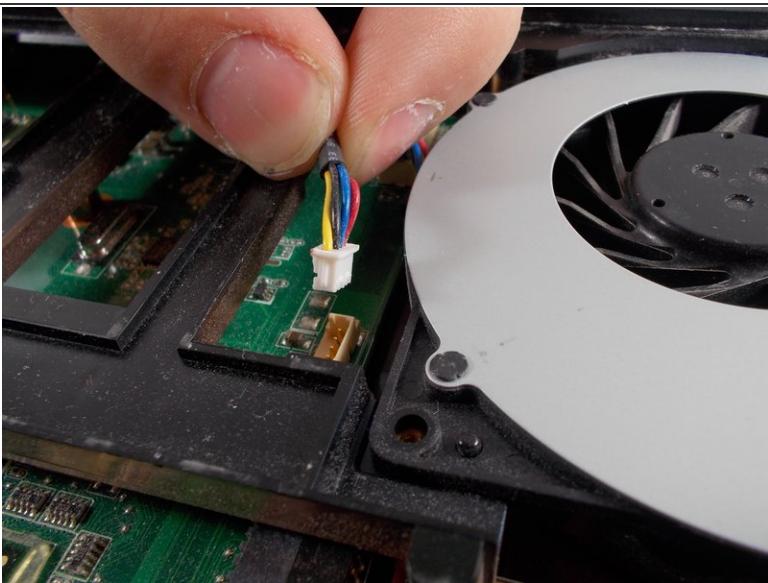
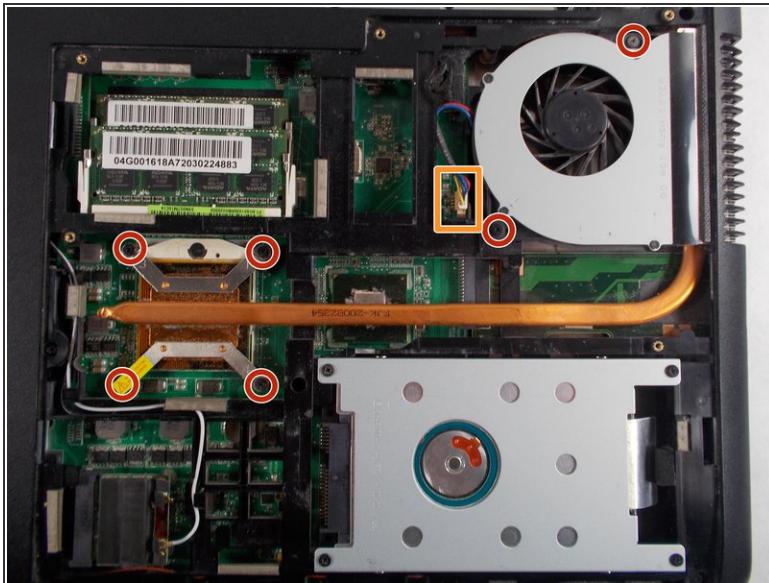
- Slide the back panel away and remove the panel.

Step 5 — Cooling System



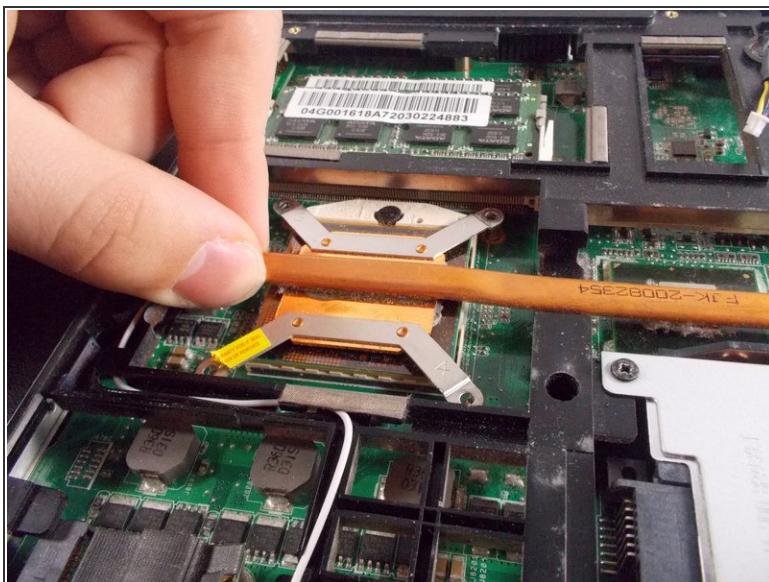
! Removal of cooling system will void your warranty. Proceed with caution.

Step 6



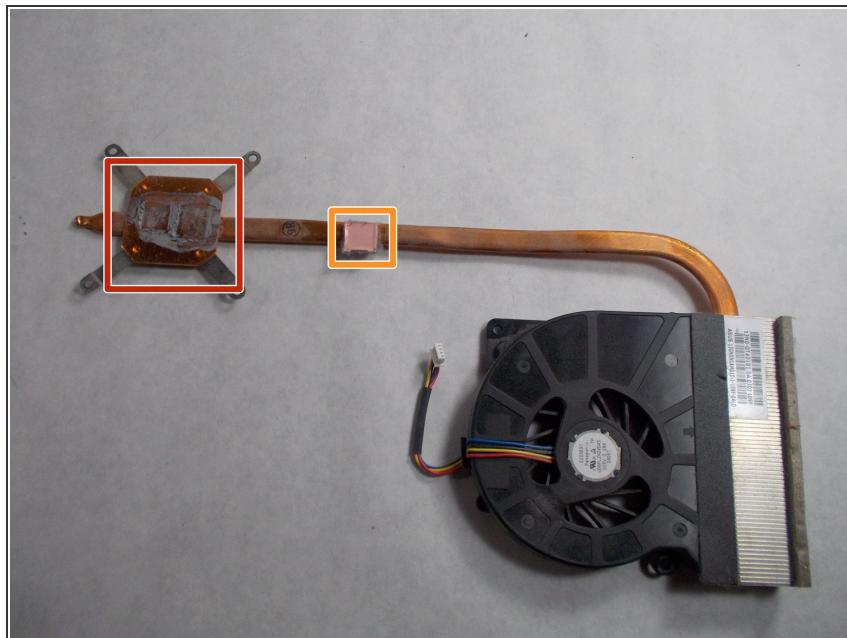
- Using a Phillips #0 screwdriver, remove all six screws from the cooling system.
- Unplug the fan power connector.

Step 7



- Carefully grab the copper pipe and start to lift upward.
- Lift to the angle shown and then start to slide it out.

Step 8



- Clean the designated area with isopropyl alcohol on a microfiber cloth
- Replace with new thermal paste if needed

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