



Asus F6A-X2 Fan Replacement

A step-by-step guide for replacing the laptop's fan.

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INTRODUCTION

The fan blows hot air out of the laptop and takes in cool air. Be sure to have a compatible fan for this laptop when you replace it.

TOOLS:

- [Spudger](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
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Step 1 — Battery



⚠ Remove any power cords and turn the laptop off. Attempting to replace part of the laptop while power is running through it may cause electrocution or damage to the device.

- Flip laptop face down and rotate so the battery is facing toward you.
- i** The battery is not shown in this picture.
- To remove the battery, place one finger on each of the two black slide tabs. Push each tab toward the center of the laptop to release the lock.
- Slide the battery toward you and lift it out of the laptop.

Step 2 — Back Access Panel



- With the laptop facing down, rotate it so the battery pack is facing away from you.
- Remove the six 1.5 mm Phillips #1 screws on the back panel of the laptop.

Step 3



- Insert a finger into one of the slots on the bottom panel.
- Gently lift the upwards, and the back panel of the laptop will come off easily.

Step 4 — Fan



- Remove the three 2.0mm Phillips #1 screws that secure the metal guard.
- With the screws removed, simply lift the metal guard out of the laptop to remove it.

Step 5



- Disconnect the fan from the motherboard by pulling the black cord straight up.

Step 6



- Remove the 1.5mm Phillips #1 screws attaching the fan to the motherboard.

Step 7



- Using the flat end of a spudger, gently pry upwards on the adhesive attaching the fan to the side of the laptop.
- ⓘ When removing the adhesive, be sure not to remove it completely. You will need to keep the end of it on so you can attach it to your replacement fan.

Step 8



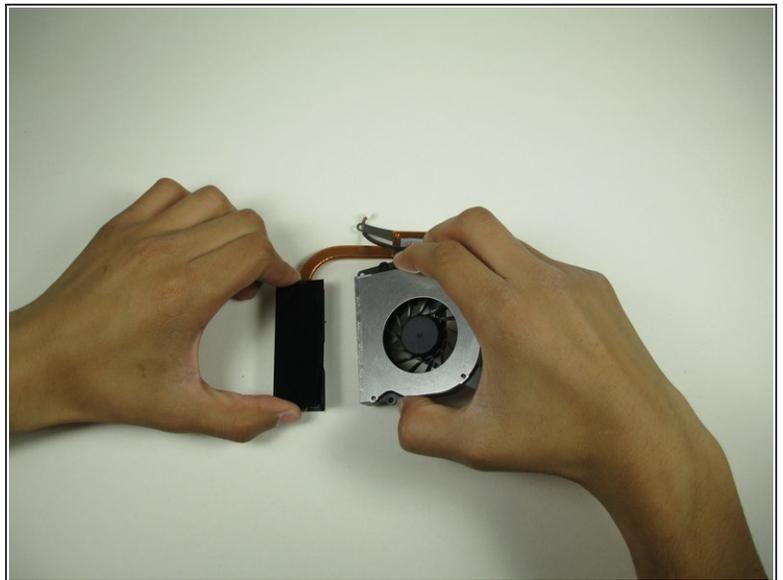
- Remove the four 1.25 mm Phillips #1 screw that secure the heat sink in place.

Step 9



- With one hand holding the heat sink, and the other hand holding the fan, pull upwards with moderate force to remove the components from the laptop.
- ⓘ The heat sink can offer a lot of resistance to movement. If it proves too difficult to pull off with your fingers, use the flat end of a spudger to pry it off the CPU.

Step 10



- Flip the fan and heat sink over so the metal end of the fan is facing upwards, and lay it flat.
- Using the flat end of a spudger, gently pry off the adhesive attaching the fan to the plastic.
- With the adhesive off, simply pull the fan away from the plastic to remove it.

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