



# 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.

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### 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.

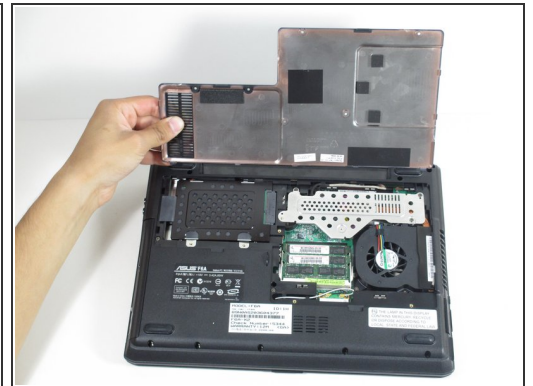
- Flip laptop face down and rotate so the battery is facing toward you.
- i** The battery is not shown in this picture.
- To remove the battery, place one finger on each of the two black slide tabs. Push each tab toward the center of the laptop to release the lock.
- Slide the battery toward you and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



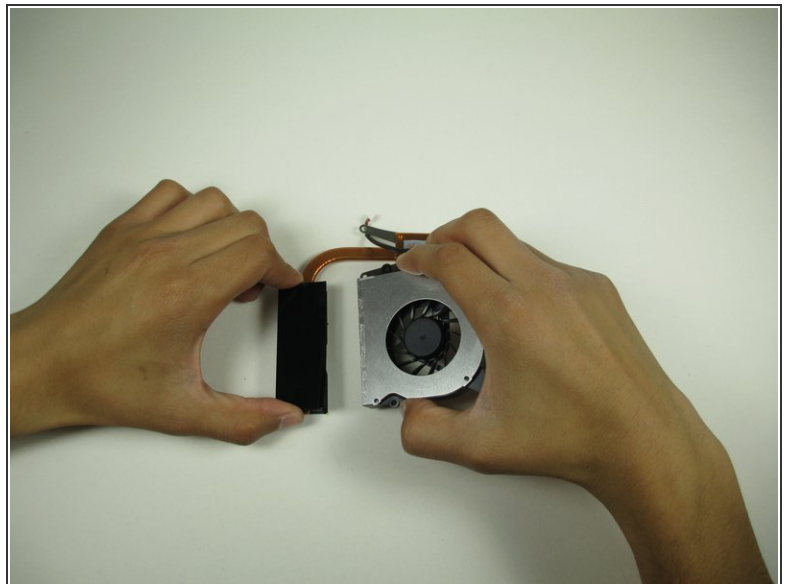
- Remove the four 1.25 mm Phillips #1 screw that secure the heat sink in place.

## 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.