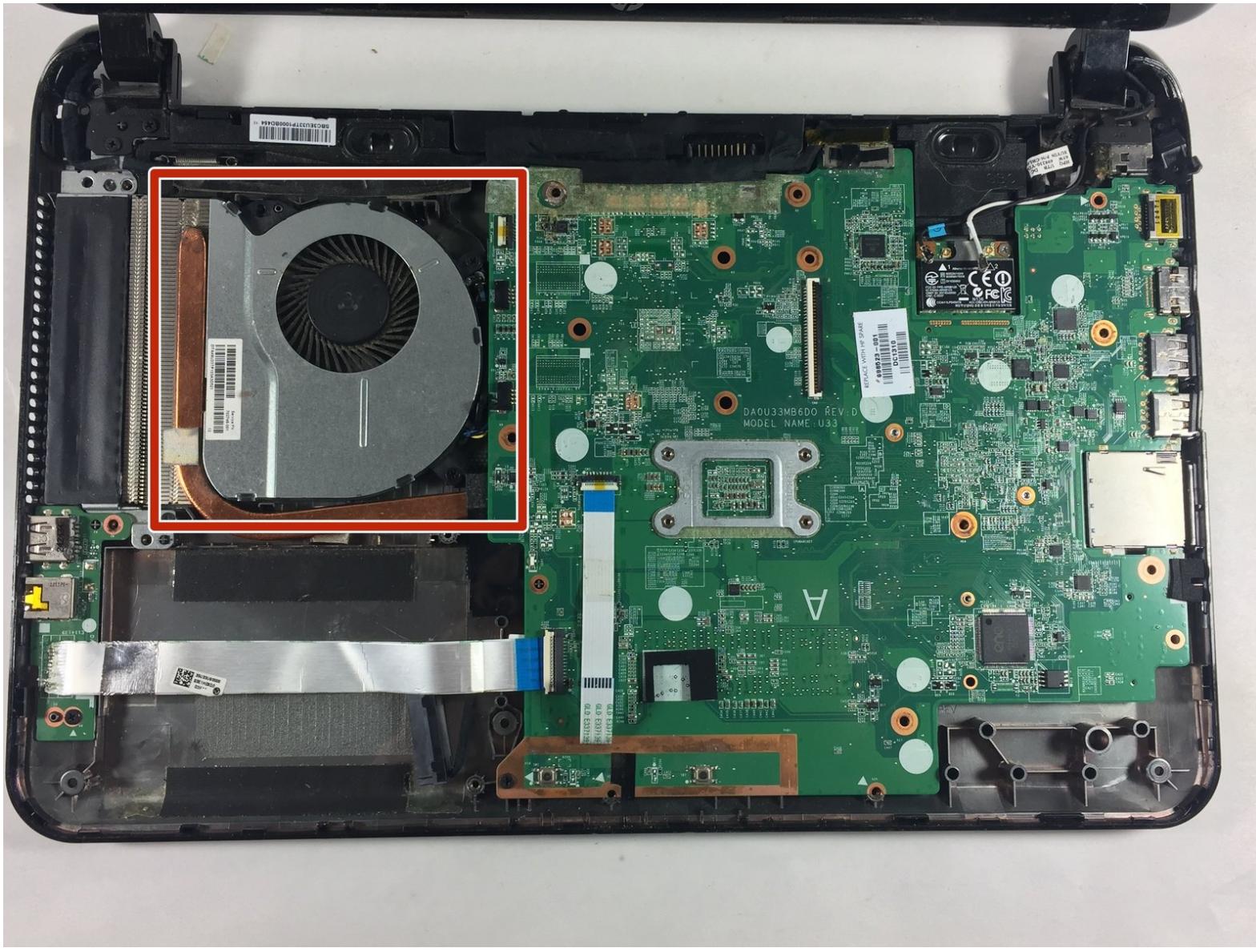




# HP Pavilion 14-b120dx CPU Cooling Fan Replacement

How to remove and replace the CPU Cooling Fan, specifically for the laptop model HP-Pavilion 14-b120dx.

Written By: Erin Lavalla



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## INTRODUCTION

If you're experiencing frequent overheating, your fan may need replacing. Use this guide to replace your laptop's fan.

### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)

## Step 1 — Battery



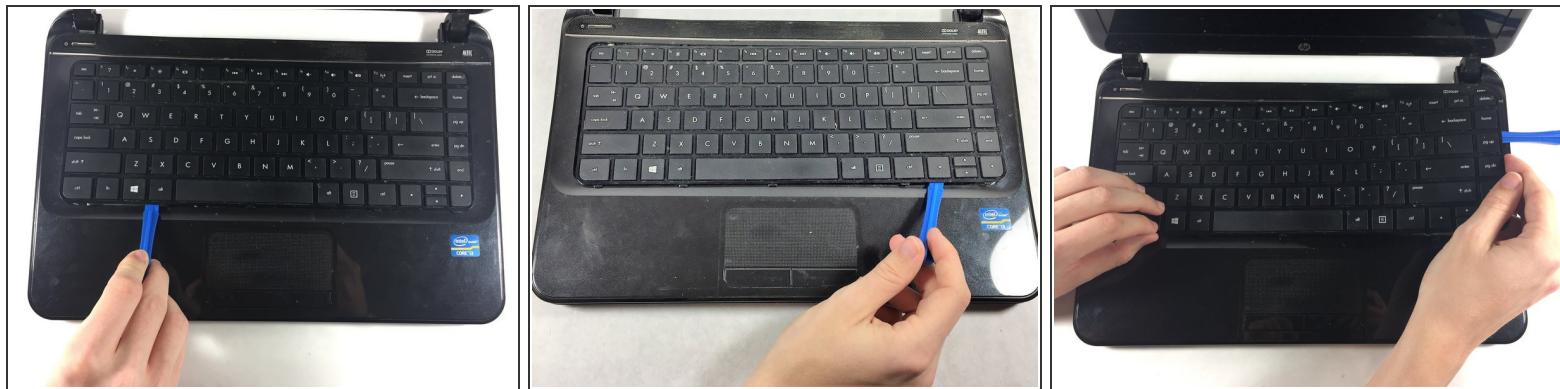
**⚠** Power down the laptop and detach the charging cord (failure to do so can result in electrical shock).

## Step 2



- Flip the laptop upside down so that the bottom is facing you.
- Push the slide on the right toward the center of the laptop, releasing the battery latch.
- Lift the battery up and away from the laptop.

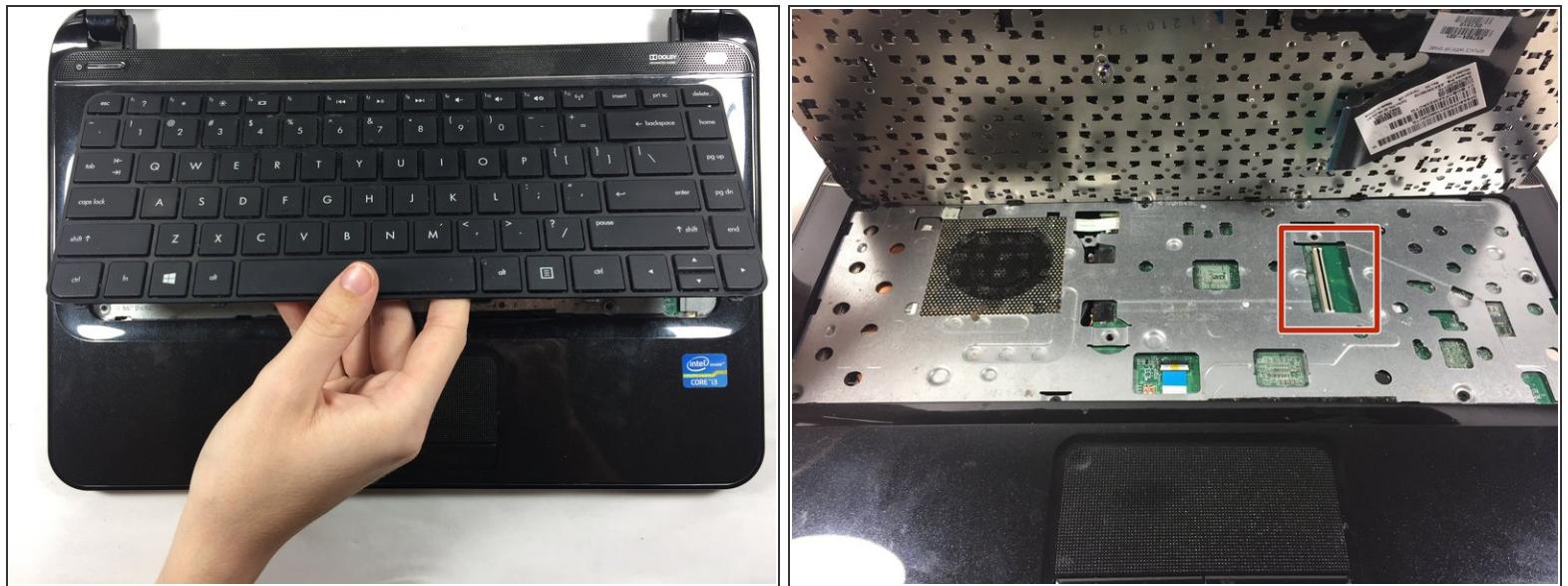
## Step 3 — Keyboard



- Insert the plastic opening tool between the keyboard and the palm rest.
- Pry upwards until the keyboard section detaches from the laptop.
- Repeat this around the edge of the entire keyboard.

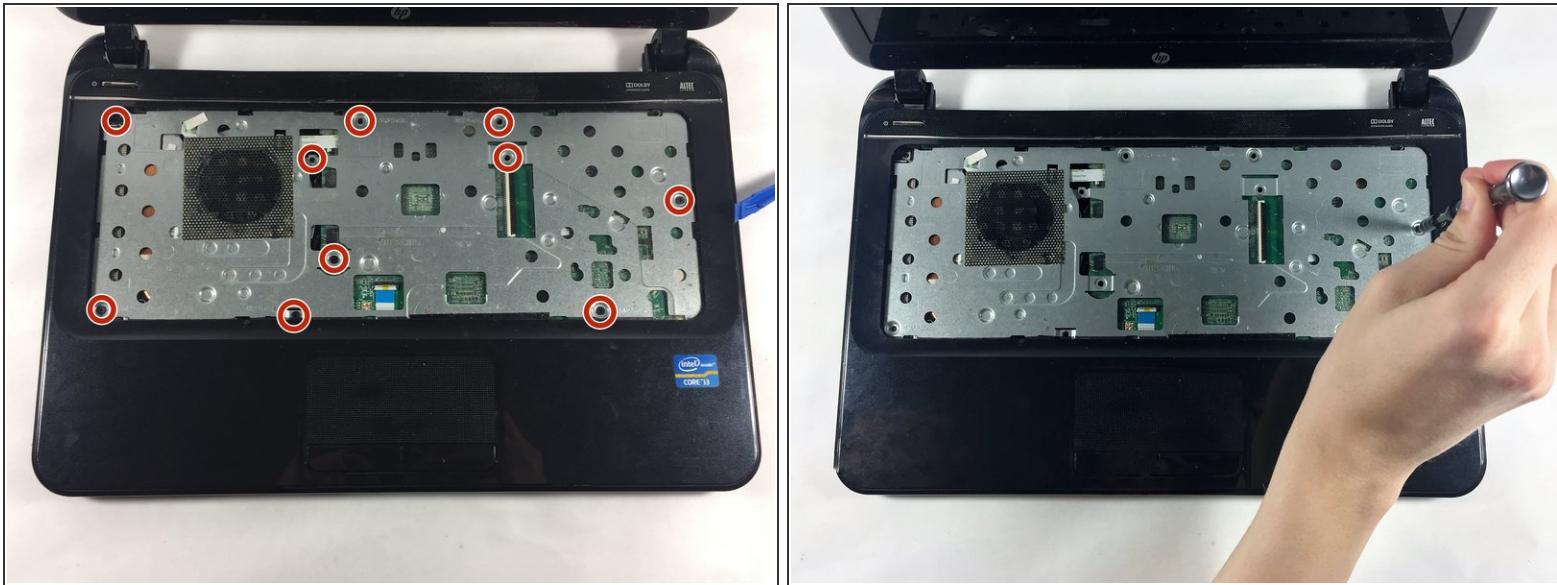
**i** Sections will make loud snapping noises as they detach from the palm rest - this is normal.

## Step 4



- Lift the keyboard slowly up until the connecting cable is exposed.
- Carefully lift the flap on the ZIF connector using a fingernail or plastic opening tool. This will release the cable.
- Detach the cable.

## Step 5 — Palm Rest



- Unscrew the 10 6.0 mm screws under the keyboard housing with a Philips #0 head screwdriver.

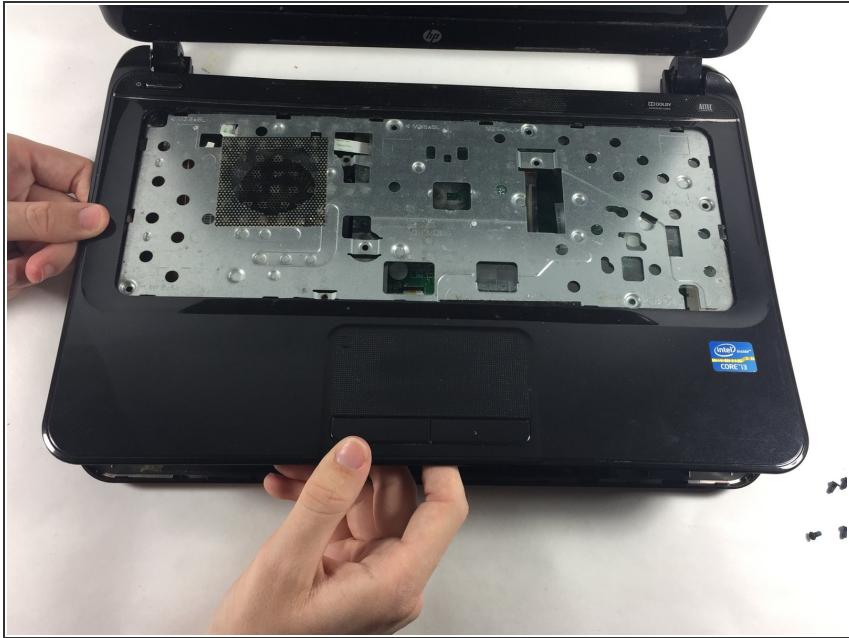
## Step 6



- Insert the plastic opening tool into the seam between the palm rest and the laptop.
- Pry upwards until the palm rest separates from the laptop.
- Repeat this process around the entire computer.

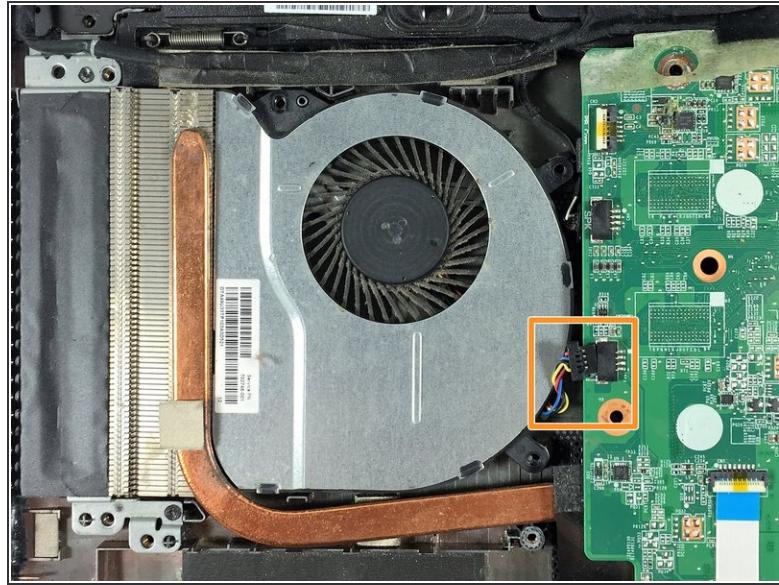
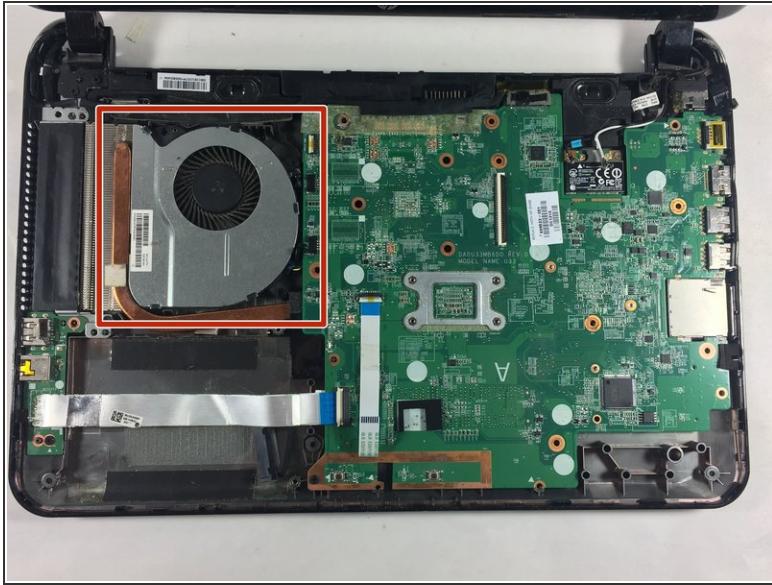
*(i)* These steps will be similar to the ones you took to remove the keyboard. Again, you will hear snapping noises.

## Step 7



- Lift upwards to remove the palm rest.

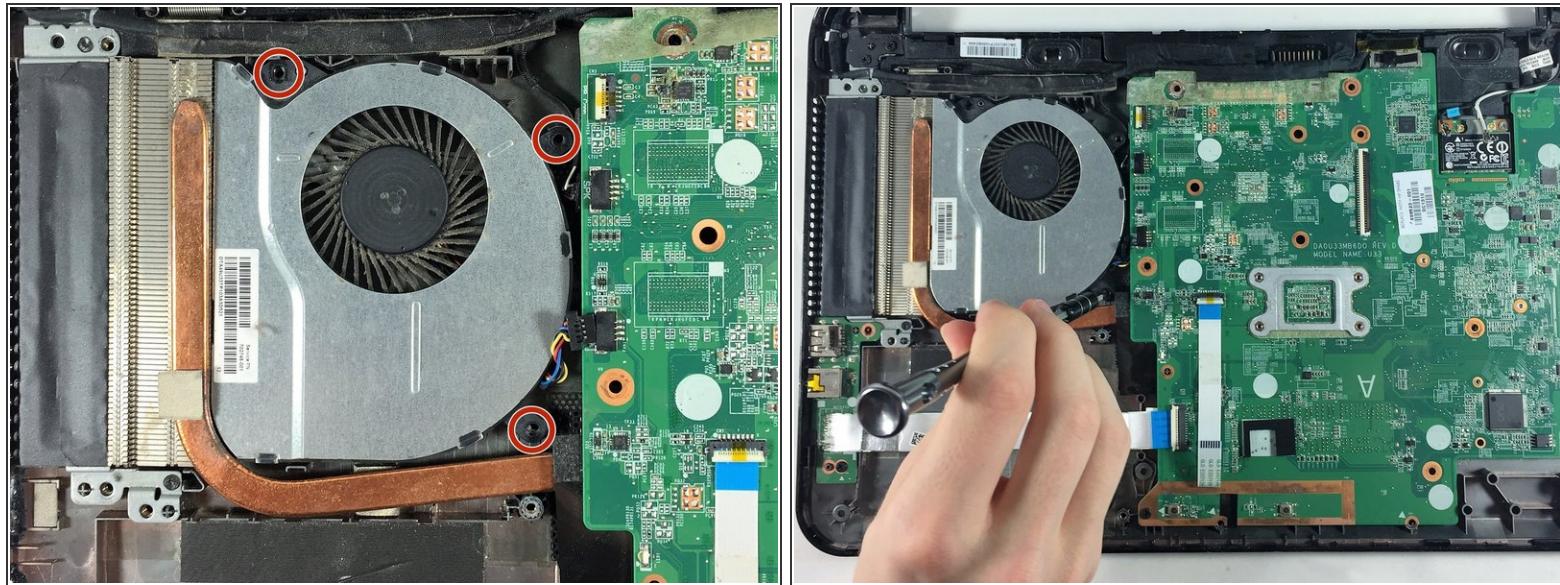
## Step 8 — CPU Cooling Fan



- Locate the fan in the upper left hand corner of the laptop.
- Remove the cable connecting the fan to the motherboard.

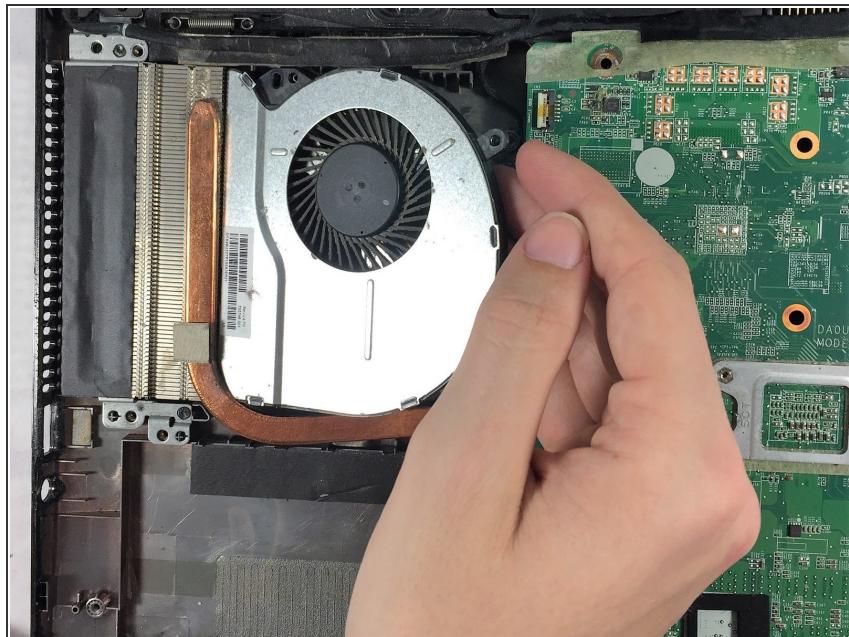
**⚠** Be sure not to damage the motherboard or the connecting cable. Carefully apply force to remove the cable.

## Step 9



- Unscrew the 3 6.0 mm screws holding the fan with a Phillips #0 head screwdriver.

## Step 10



- Remove the fan by pulling upward and to the right.

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