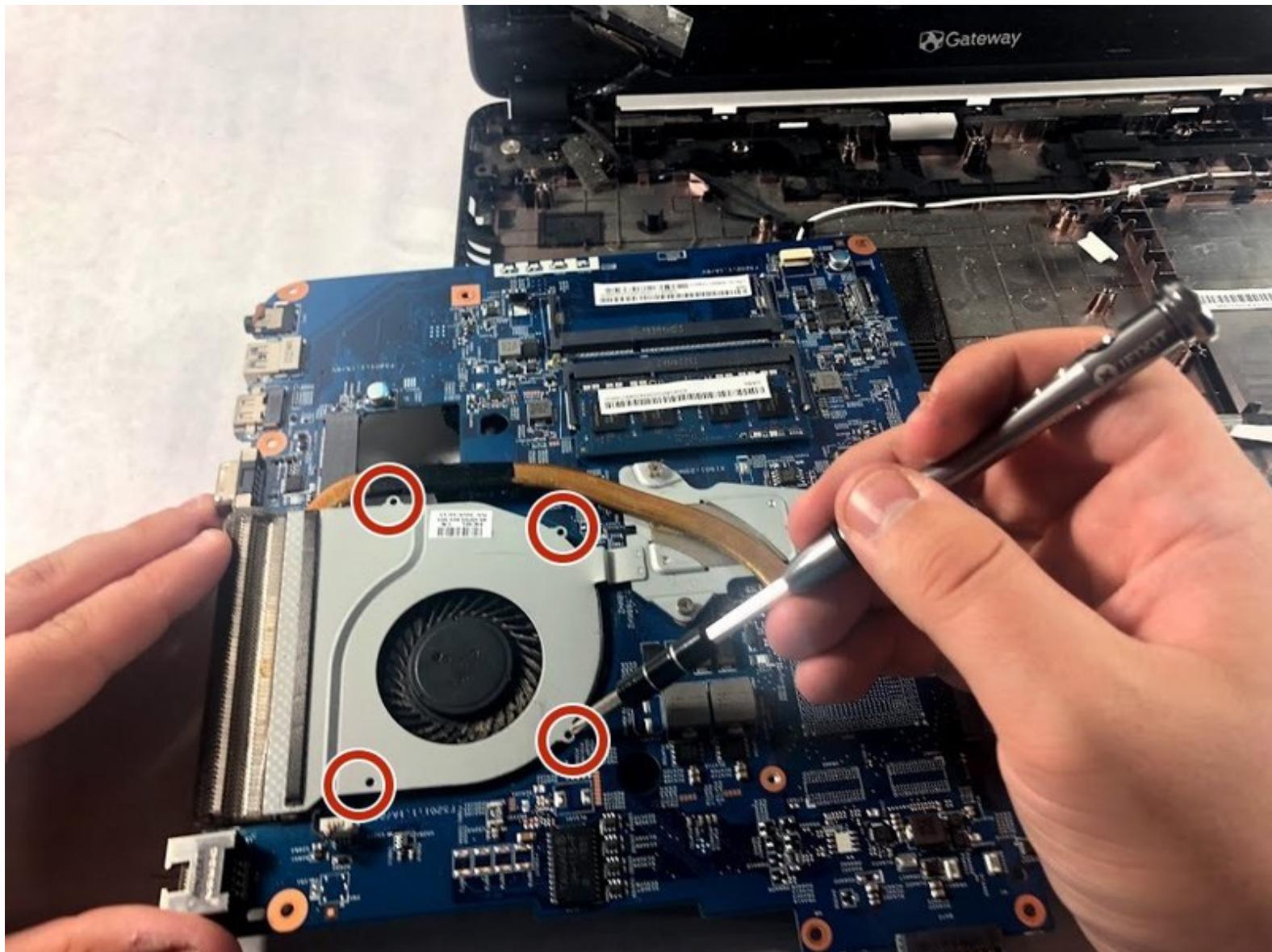




# Gateway NE52214U Fan Replacement

This guide will demonstrate how to replace the fan in your Gateway NE52214U.

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## INTRODUCTION

Is your computer making loud noises and taking longer than normal to boot? Consider using this guide to replace the cooling fan in your device.

### TOOLS:

- [Phillips #1 Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)

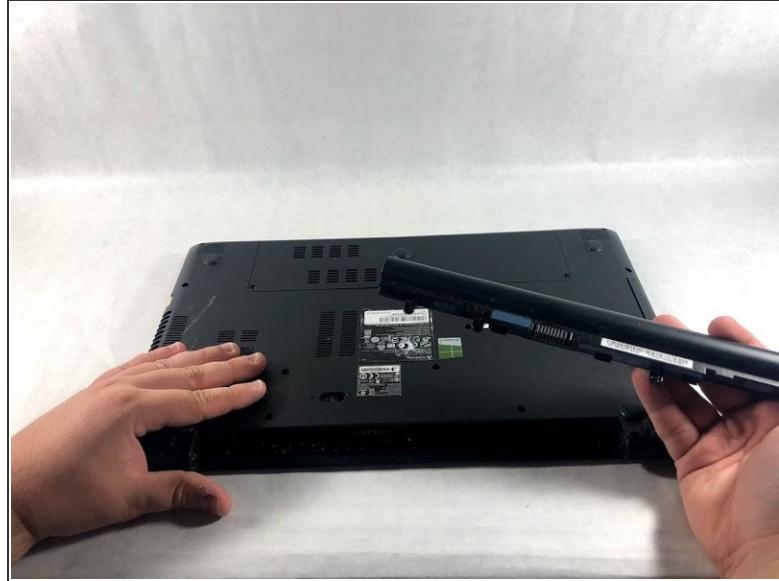
## Step 1 — Battery



 Make sure to power down and turn off the laptop before proceeding with this guide.

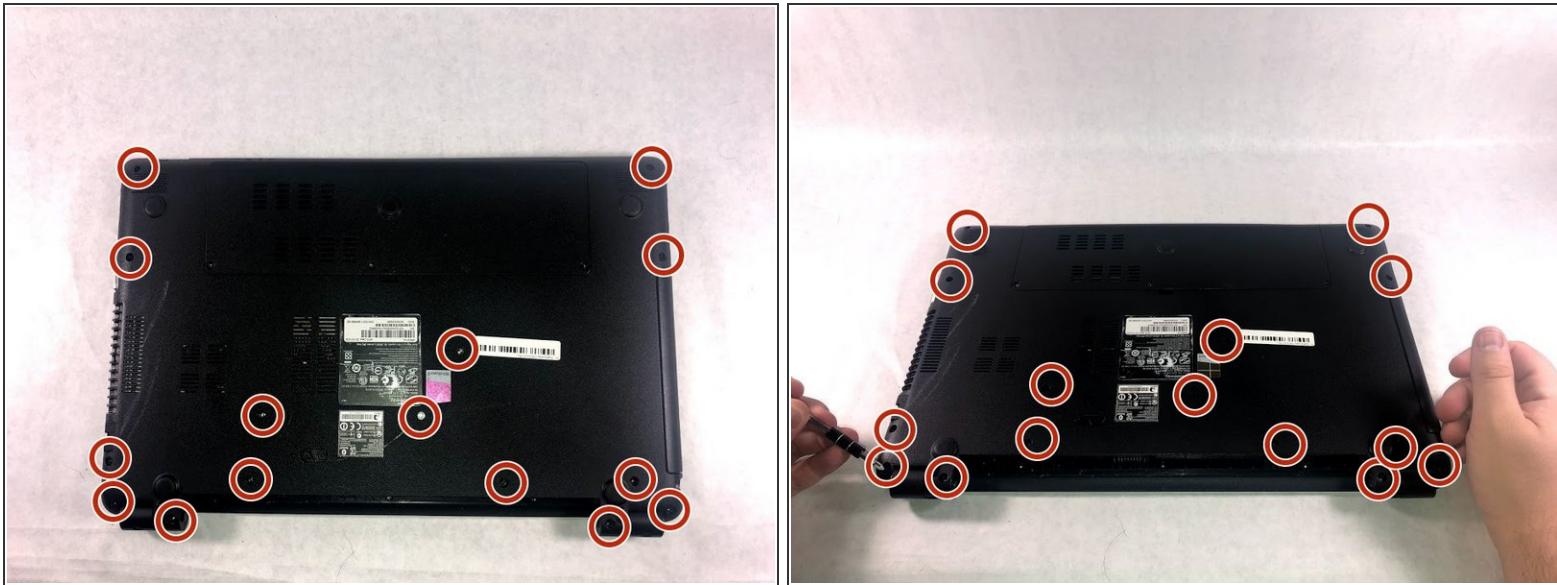
- Flip over the laptop.

## Step 2



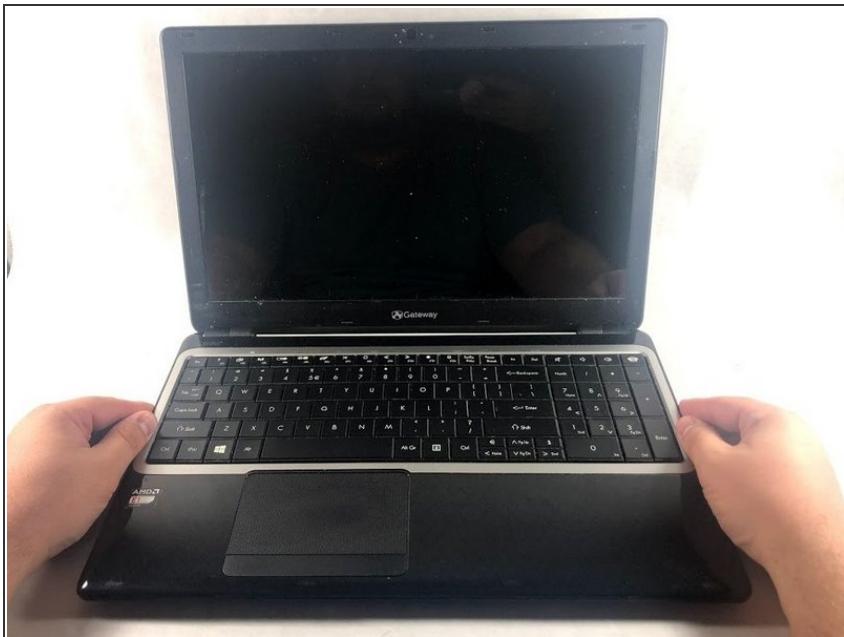
- Slide the tab to the left and hold the tab there.
- While holding down the sliding tab, remove the battery from the device.

## Step 3 — Upper Case



- After removing the battery, remove 15 7mm screws using the Phillip #1 Screwdriver.

## Step 4



- Flip over the laptop and open it so the screen is facing you.

## Step 5



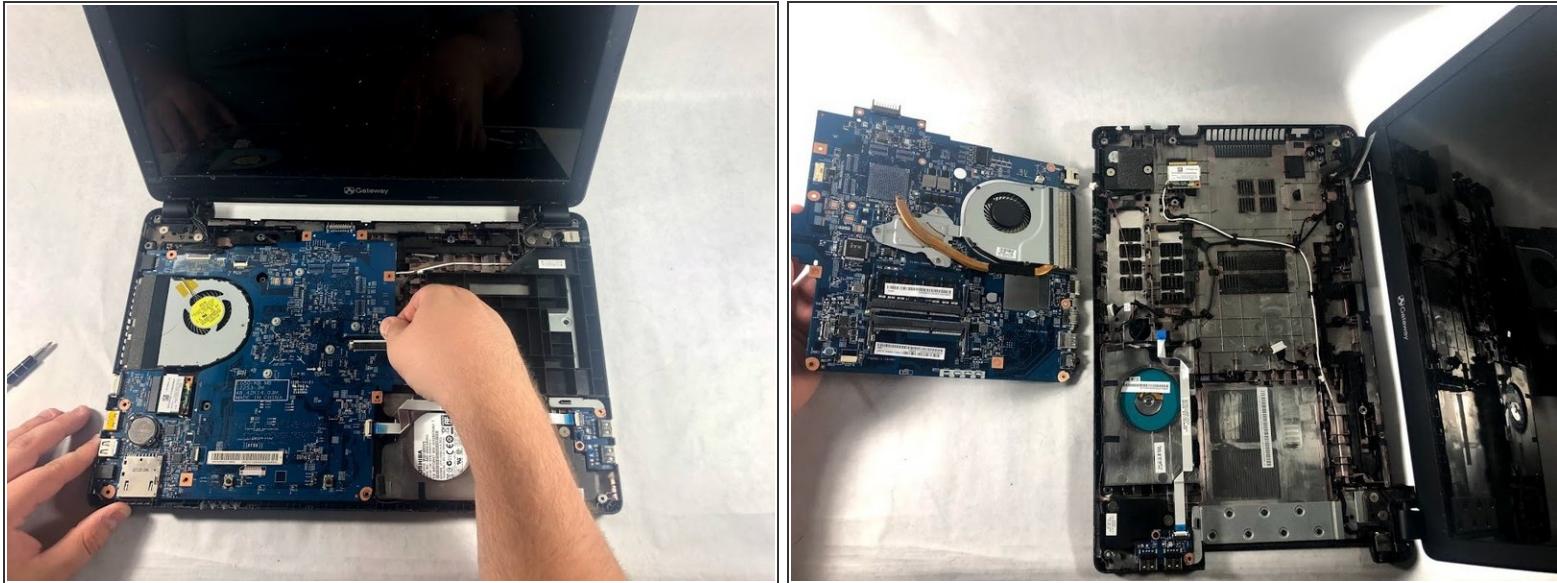
- Lift the upper case cover off of the device. Use a prying tool along the edges if necessary.

## Step 6 — Motherboard



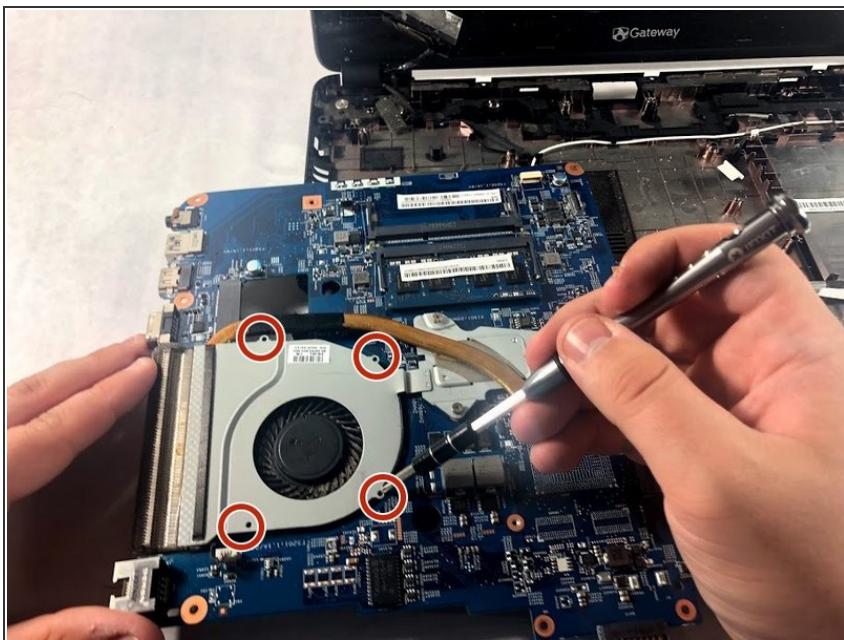
- Remove the twelve 3mm screws using the Phillips #00 screwdriver.

## Step 7



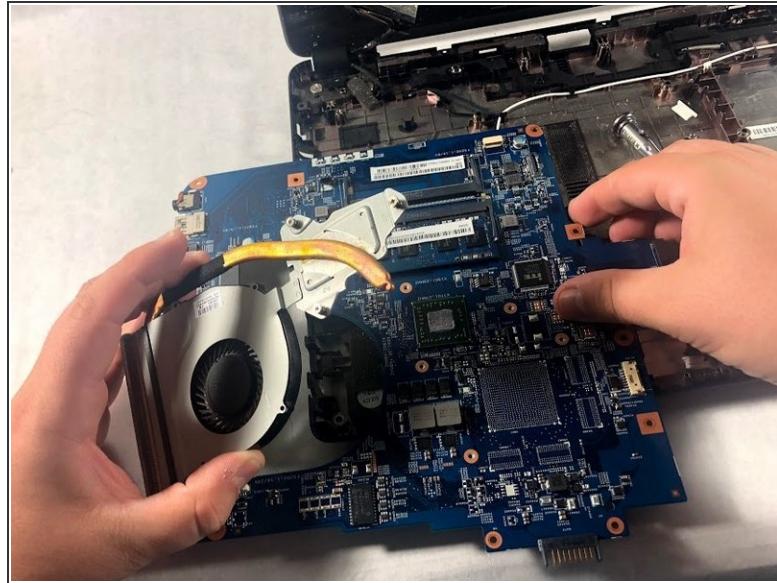
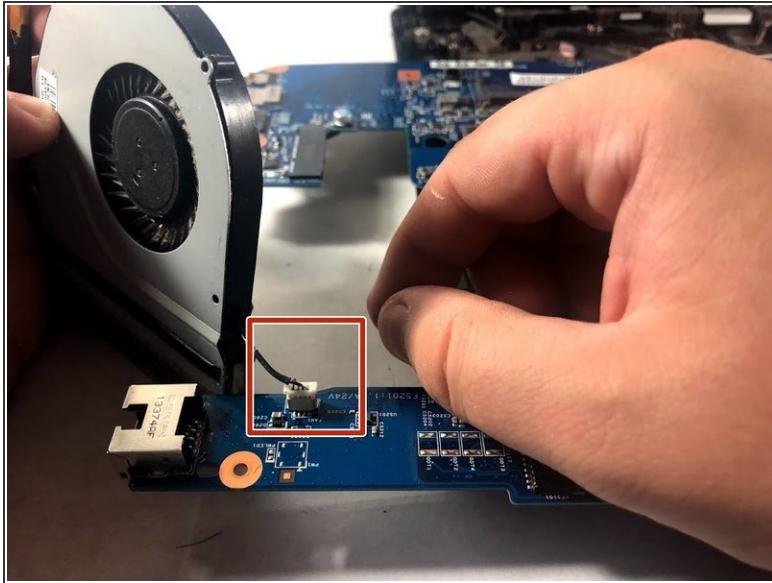
- Gently lift and remove the motherboard off of device.
- This will also remove the fan from the device but it will remain attached to the motherboard.

## Step 8 — Fan



- Remove the four 3mm screws attaching the fan to motherboard using the Phillips #00 screwdriver.

## Step 9



- Gently lift the fan and disconnect the fan from the motherboard.
- Remove the fan from the device.

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