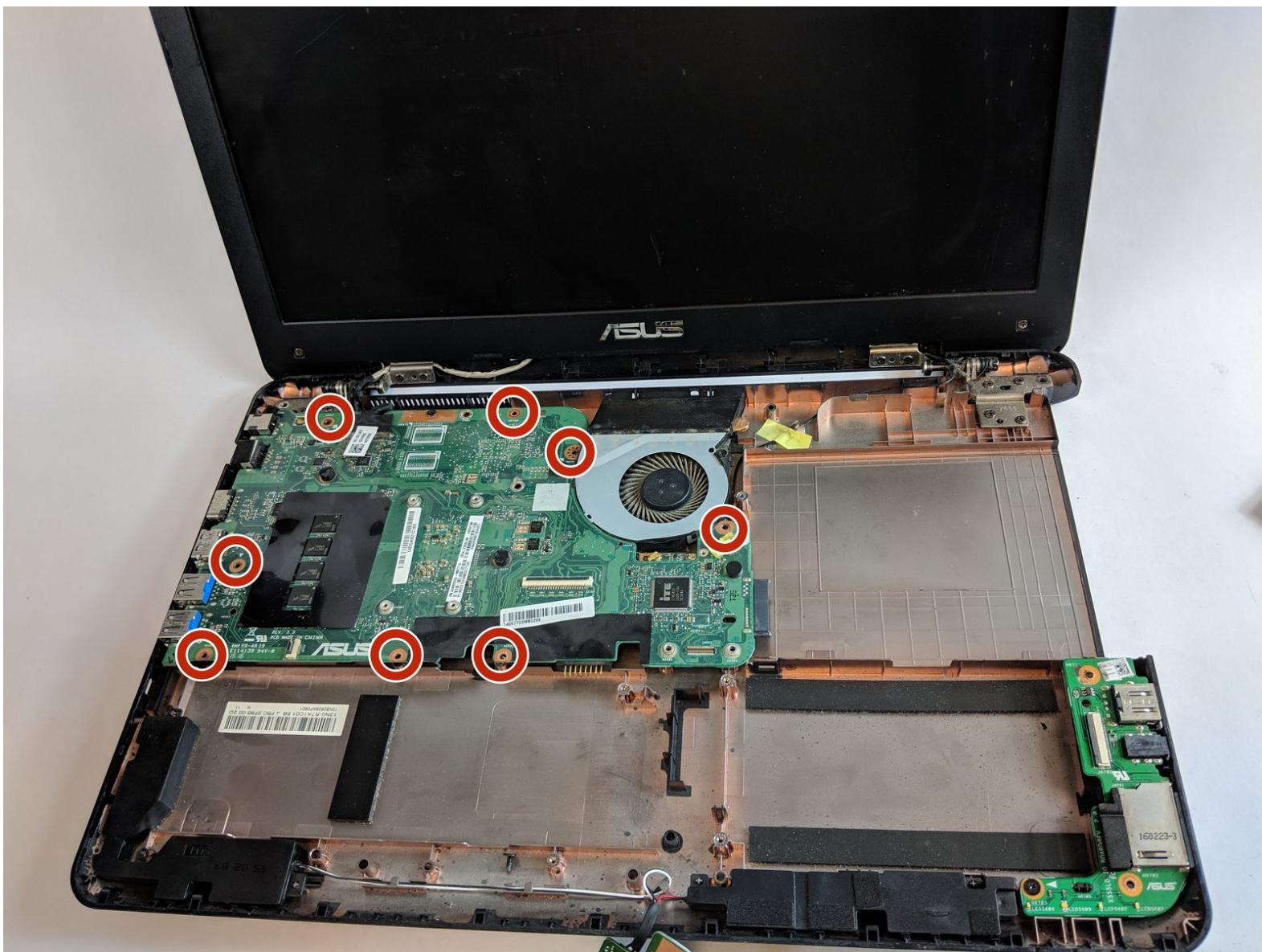




Asus F554LA-WS52 Fan Replacement

You may need to replace your Asus F554LA-WS52 notebook's fan if it is overheating.

Written By: Aaron Ratliff



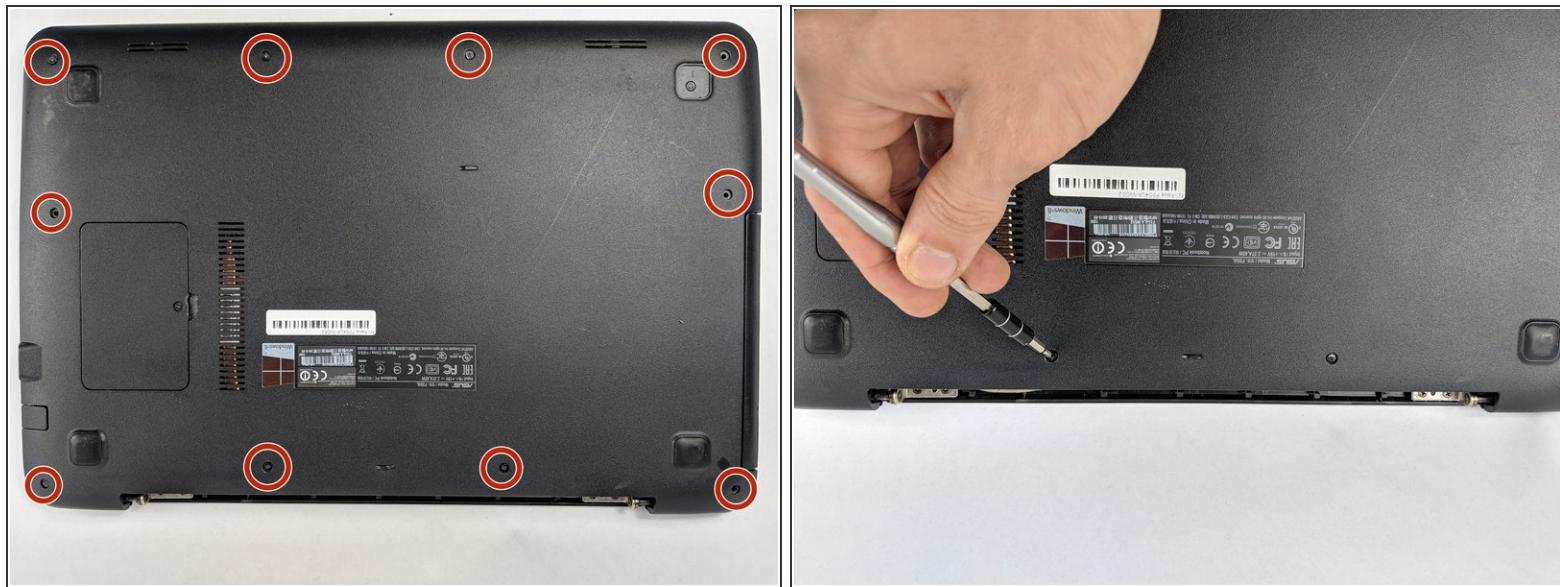
INTRODUCTION

A fan replacement will be necessary in the event that your notebook is overheating. You can find out how to replace the Asus F554LA notebook's fan with this guide. You will need a plastic opening tool and a Phillips #0 screwdriver head.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Phillips #0 Screwdriver](#) (1)

Step 1 — Disc Drive



⚠ Make sure the notebook is off and has been unplugged from any power source.

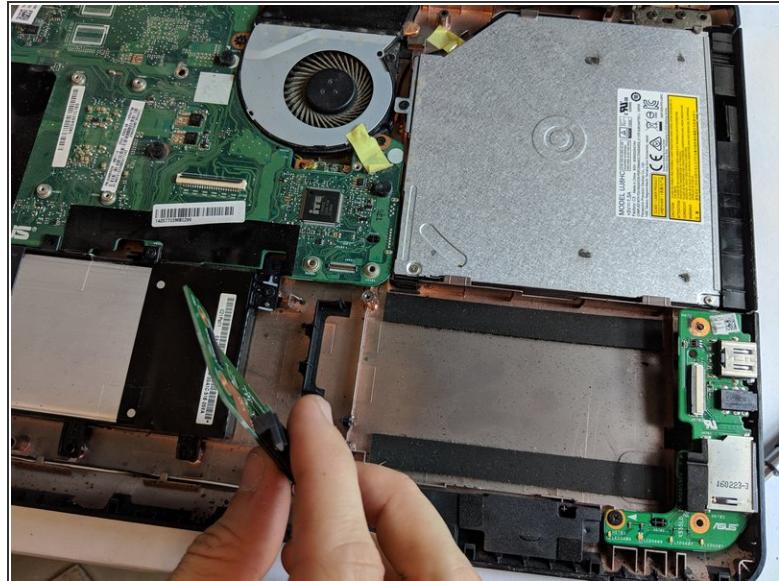
- Flip the notebook over and remove the 10 screws from the back plate with a #0 Phillips head screwdriver.
- *(i)* Six (6) will be 9.6mm and four (4) will be 12.7mm.

Step 2



- With a plastic opening tool, gently lift and remove the back cover to expose the internal components.
- *(i)* (Not pictured) Remove the three cables attached to the keyboard and one touch-pad.

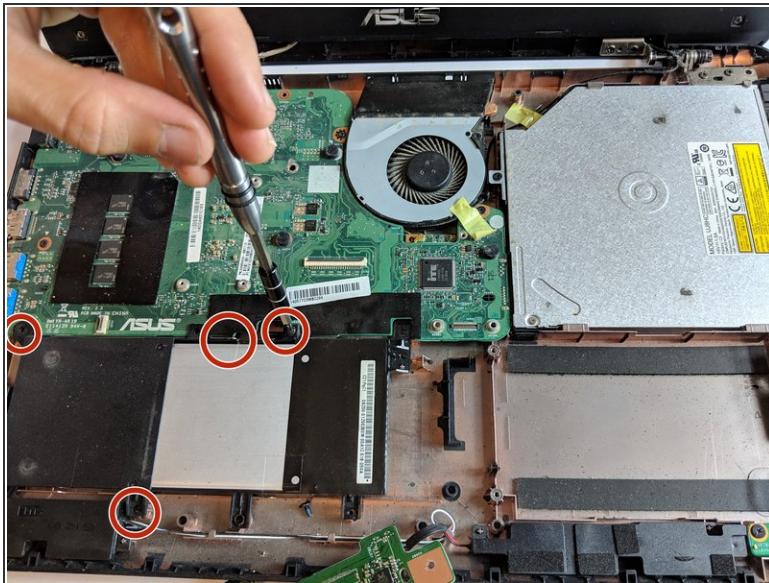
Step 3



- Unscrew the three 5.7 mm hard drive-motherboard connection screws with a #0 Phillips head screwdriver.
- Remove the small rectangular hard drive-motherboard connection board.

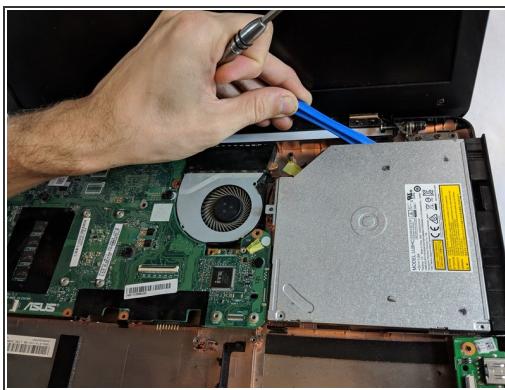
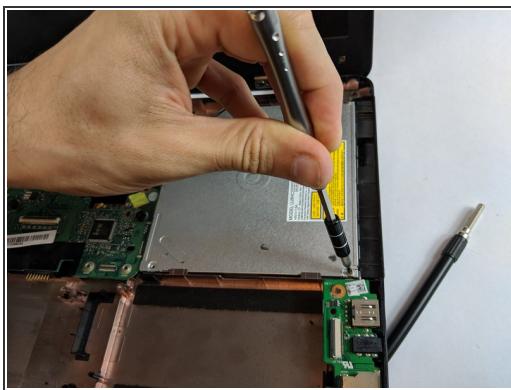
i (Not pictured) Remove the hard drive.

Step 4



- Unscrew the four 5.7 mm battery screws with a #0 Phillips head screwdriver.
- Remove the battery.

Step 5



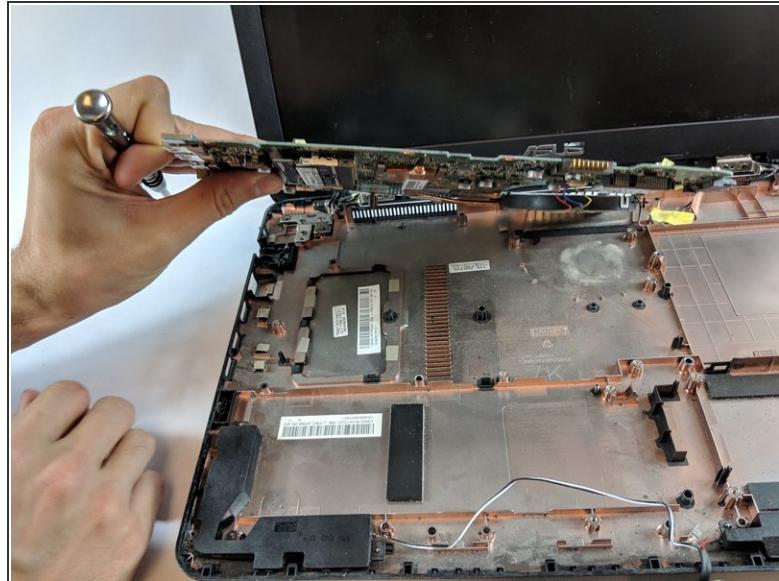
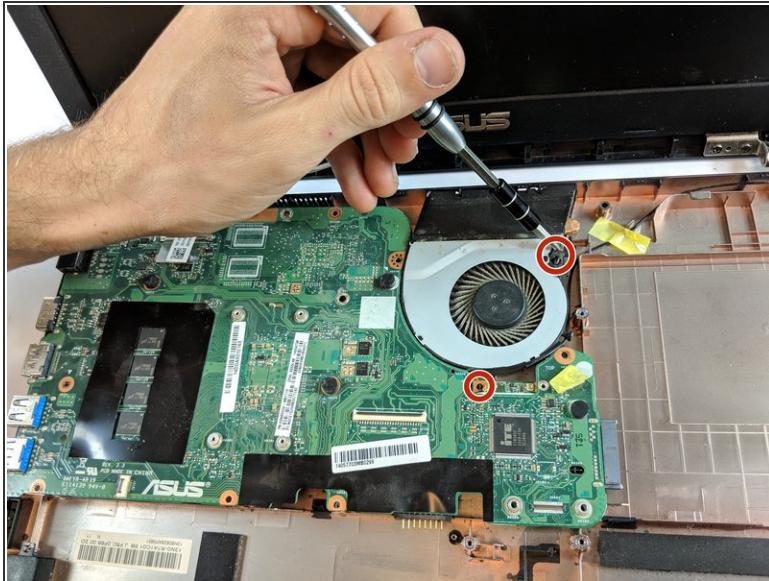
- Unscrew the two 2.7 mm and one 5.7 mm CD drive screws with the Phillips #00 screwdriver.
- With the plastic opening tool, gently pry the drive out from the metal brackets that hold it in place.

Step 6 — Fan



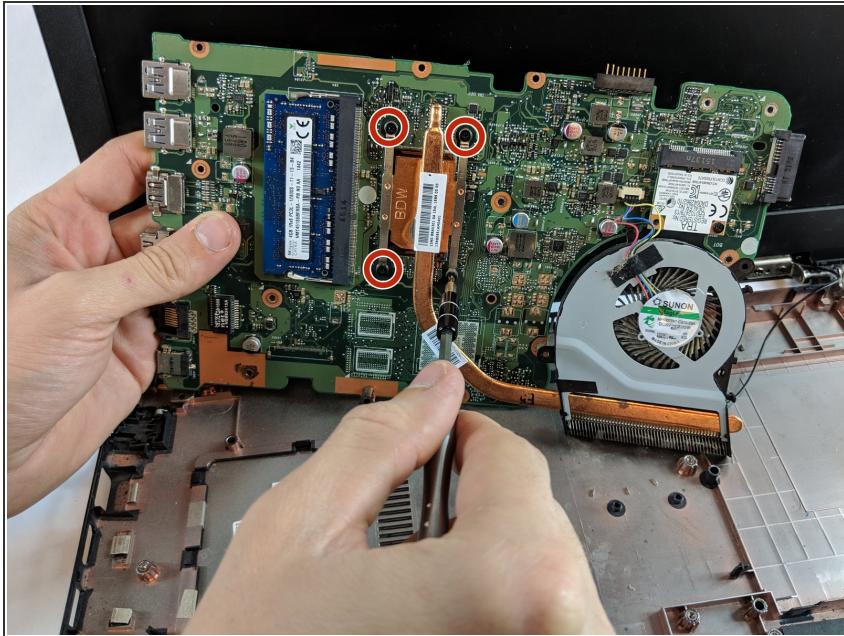
- Remove the eight 5.7mm screws using the Phillips #0 Screwdriver.

Step 7



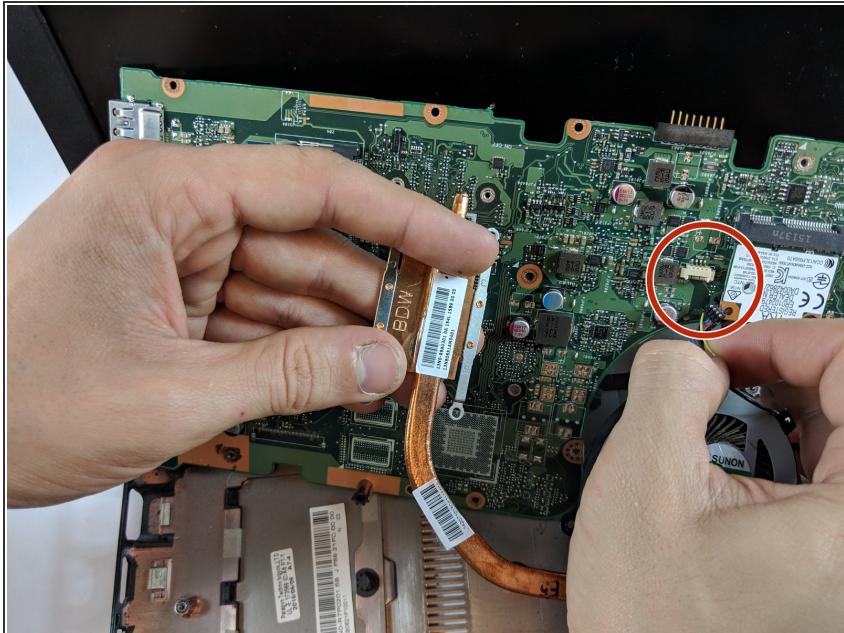
- Unscrew and remove the two 5.7mm screws from the fan with the Phillips #0 Screwdriver.
- Gently lift the motherboard and fan to access the components underneath.

Step 8



- Unscrew and remove the four 0.01mm screws using the Phillips #0 Screwdriver from the heatsink.

Step 9



- Gently unplug power strip with fingers or tweezers to remove fan.
- Gently pull fan from heatsink.
- Replace fan.

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