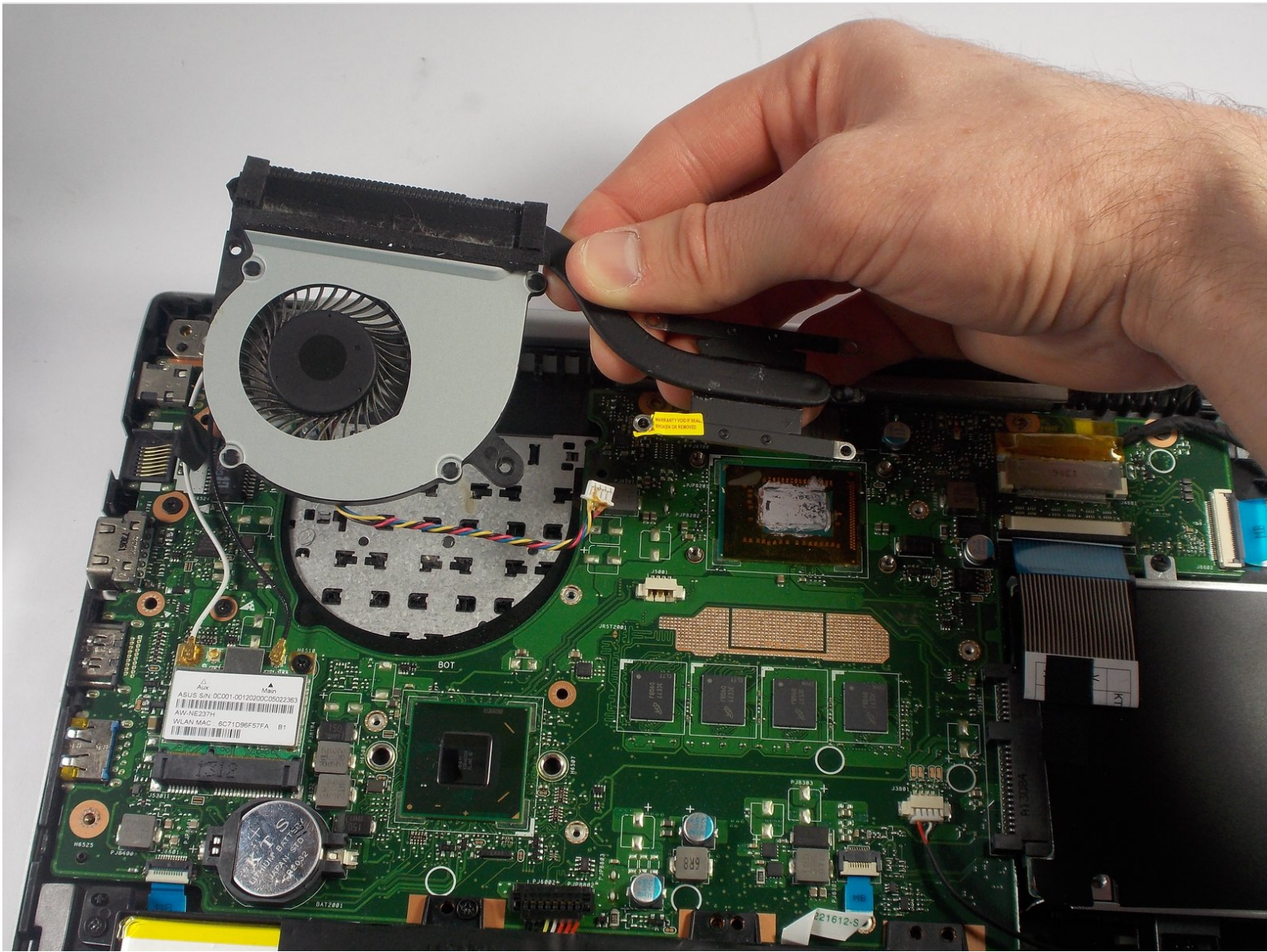




ASUS VivoBook S300CA-BBI5T01 Fan Replacement

Every computer has a cooling fan inside the case, designed primarily to prevent the CPU from overheating. Cooling fans may bring cool air into the computer to help regulate it's temperature. This guide will focus on it's removal.

Written By: Keith Rachels



INTRODUCTION

A fan is included within a computer to help ensure it will not overheat. If the fan within your ASUS Vivobook S300CA-BB15T01 isn't working, please follow the steps below to replace it.



TOOLS:

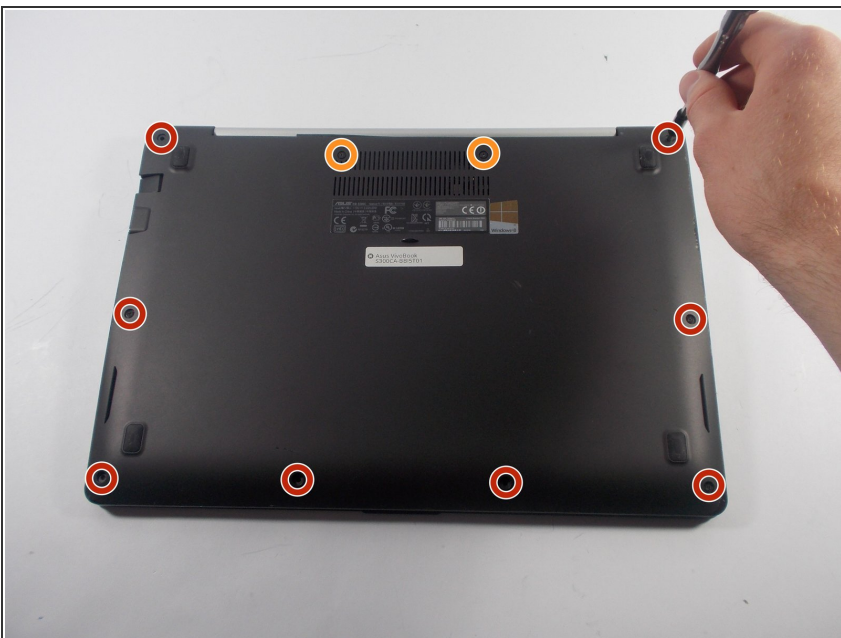
- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
-

Step 1 — Fan



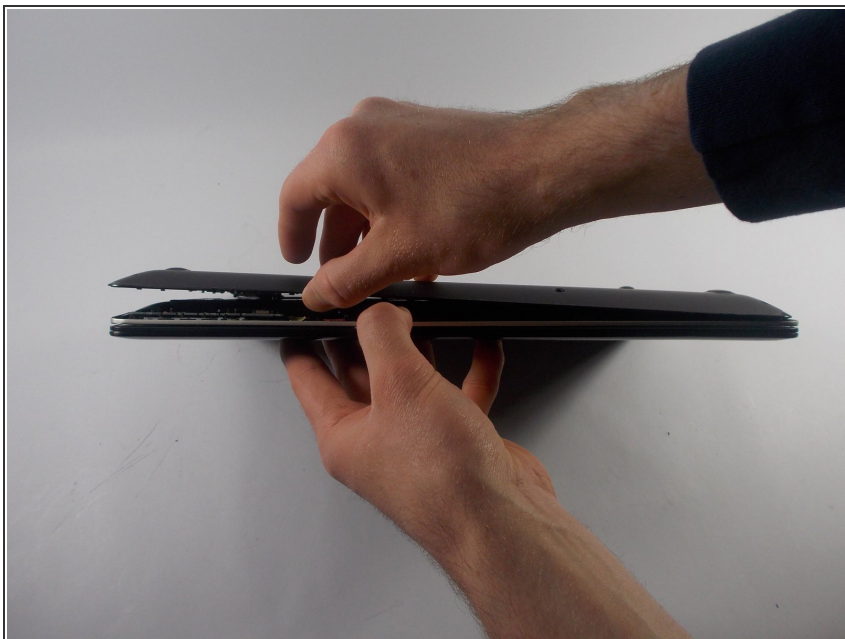
- Place the laptop upside down so that the bottom panel is facing upwards.

Step 2



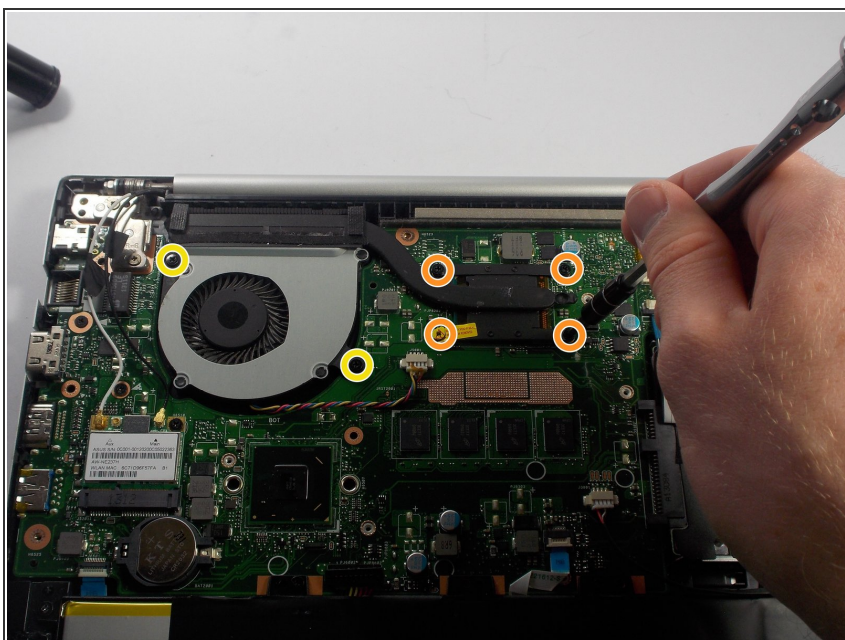
- Unscrew the following 10 screws
 - Eight 5 mm Phillips head screws
 - Two 10 mm Phillips head screws

Step 3



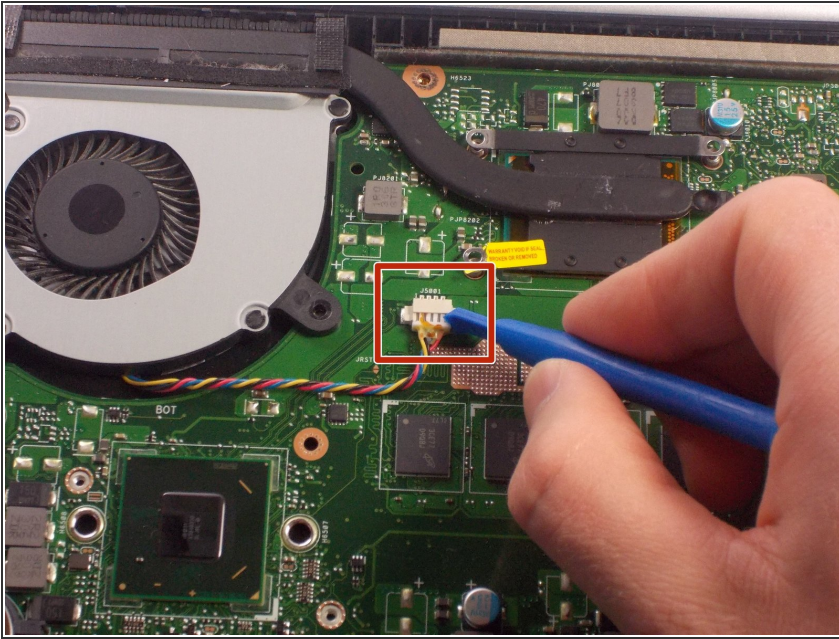
- Carefully peel the panel off of the bottom of the laptop.

Step 4



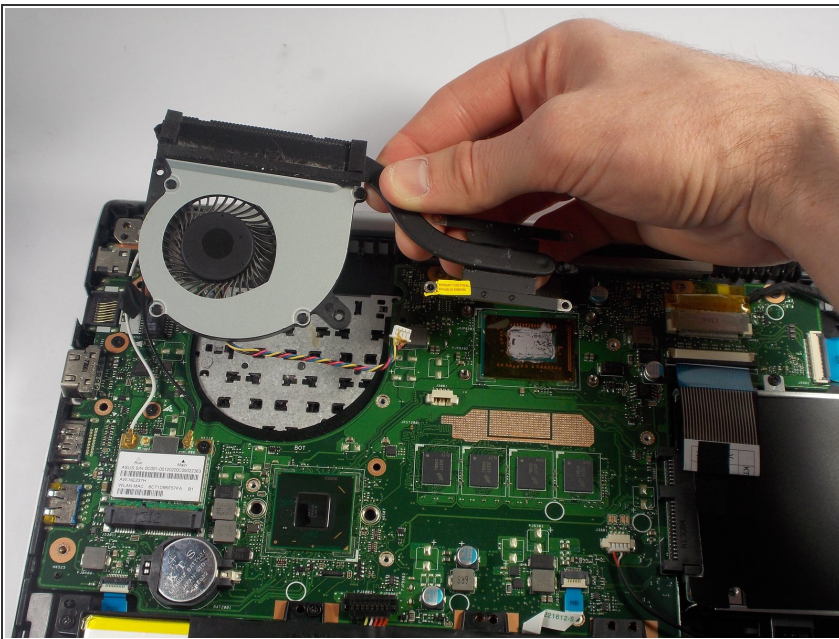
- Remove the following 6 screws:
 - Two 5 mm screws holding the fan down.
 - Four 3 mm screws holding the heat sink down
- ⚠ Removing one of these screws voids the device's warranty.

Step 5



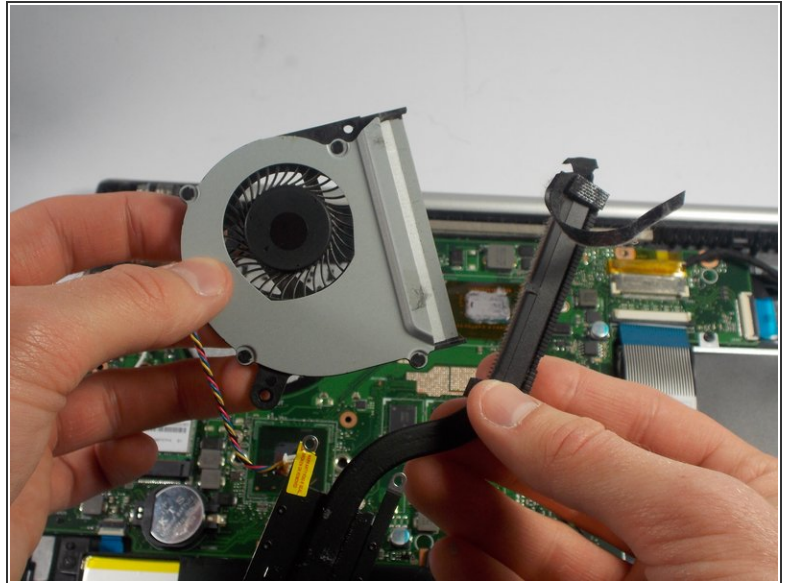
- Carefully disconnect the only sliding connector by using a plastic opening tool to pry the connector out.

Step 6



- Remove the fan and heat sink by lifting it upwards.

Step 7



- Remove the tape holding the fan and heat sink together.

⚠ Before reassembly it is essential to clean off the old thermal paste from the processor and the heatsink and to apply new. [How to apply thermal paste](#) explains how.

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