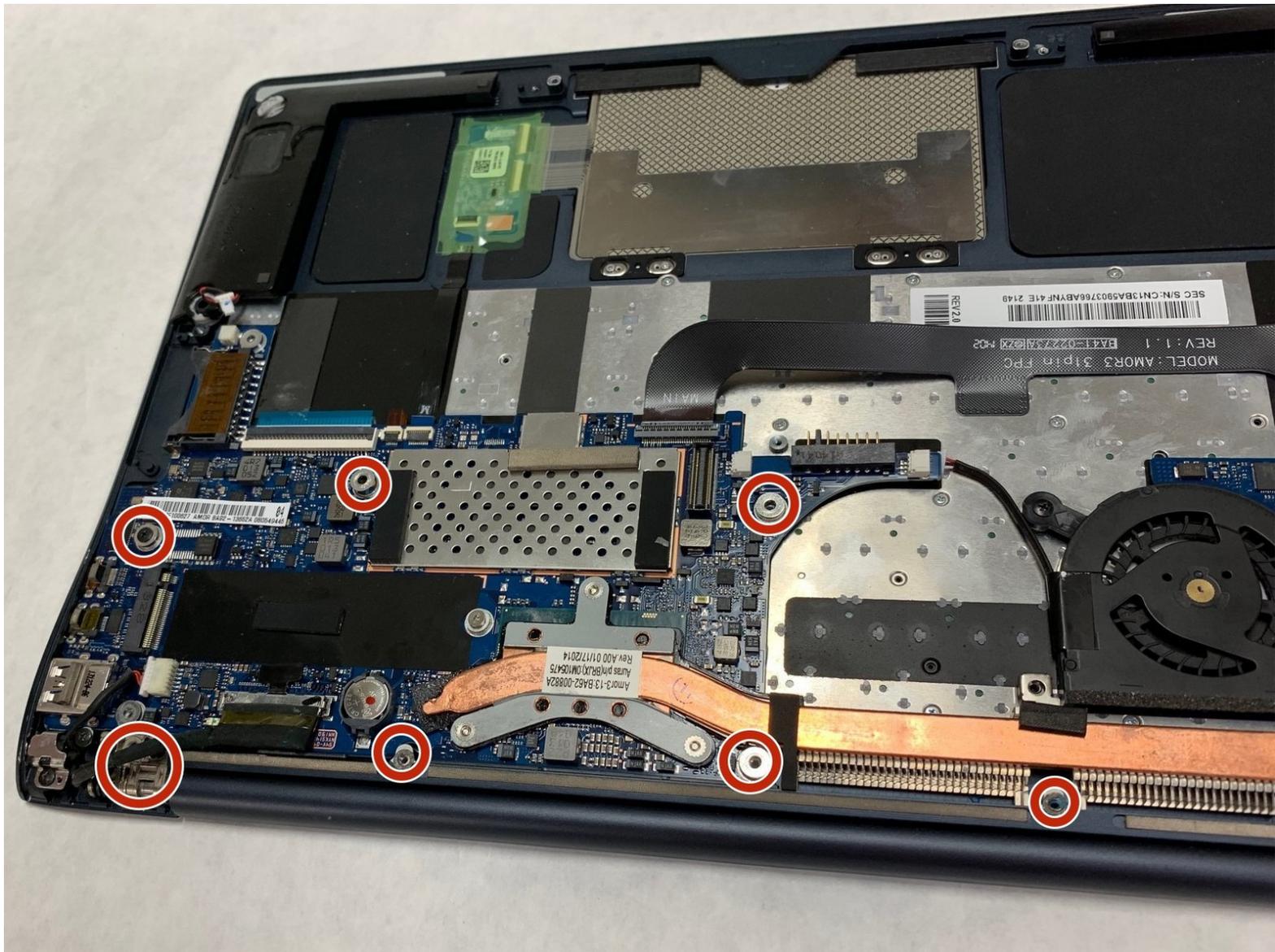




Samsung ATIV Book 9 Plus Heatsink Assembly Replacement

How to replace the heatsink assembly in a Samsung ATIV Book 9 Plus.

Written By: Ryan Smith



INTRODUCTION

Before beginning be sure you have the iFixIt tool kit and magnet mat as the screws can be very small. The heatsink assembly is the copper casing that acts to hold and cool down the CPU, which is one of the main components of the laptop.



TOOLS:

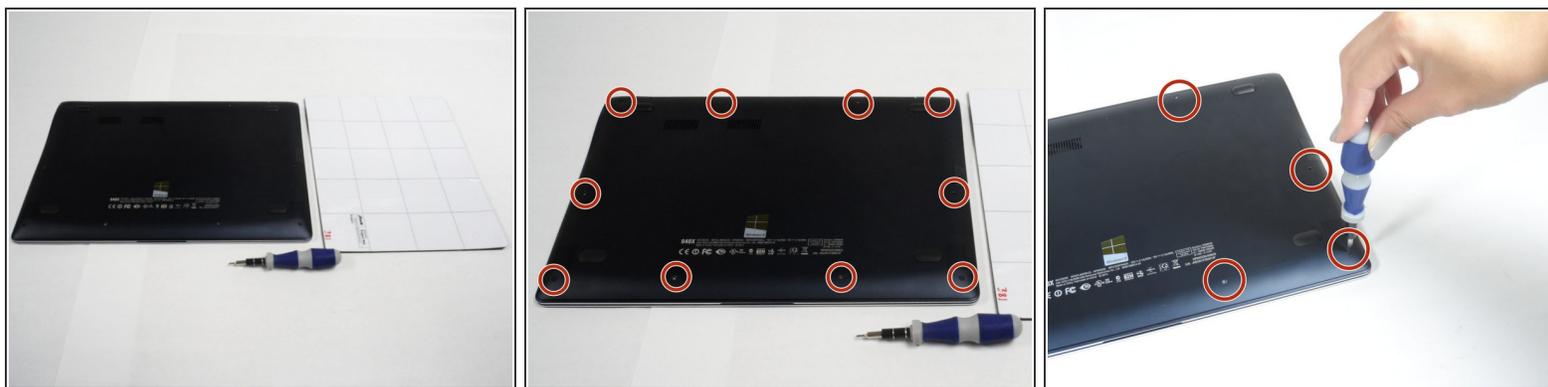
- [Phillips #000 Screwdriver](#) (1)



PARTS:

- [Samsung Replacement Battery AA-PLVN4AR](#) (1)
- [Samsung FAN-CPU KDB0505HC-BJ98](#) (1)

Step 1 — Back Cover



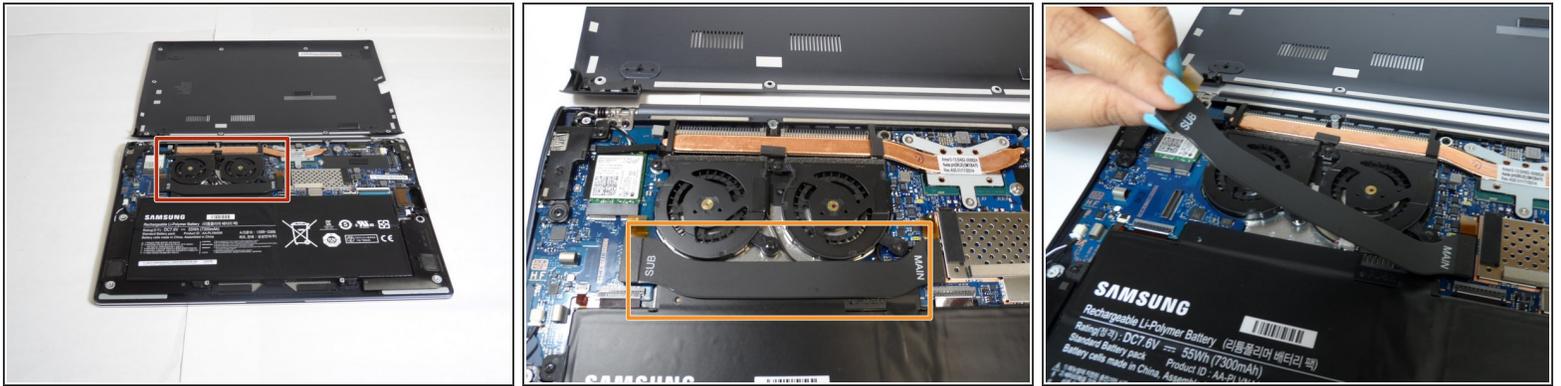
- Turn the laptop upside down so that the underside of the laptop is facing you.
- Use a Phillips #000 screwdriver to unscrew the 4.3 mm screws located on the edges and corners of the laptop.

Step 2



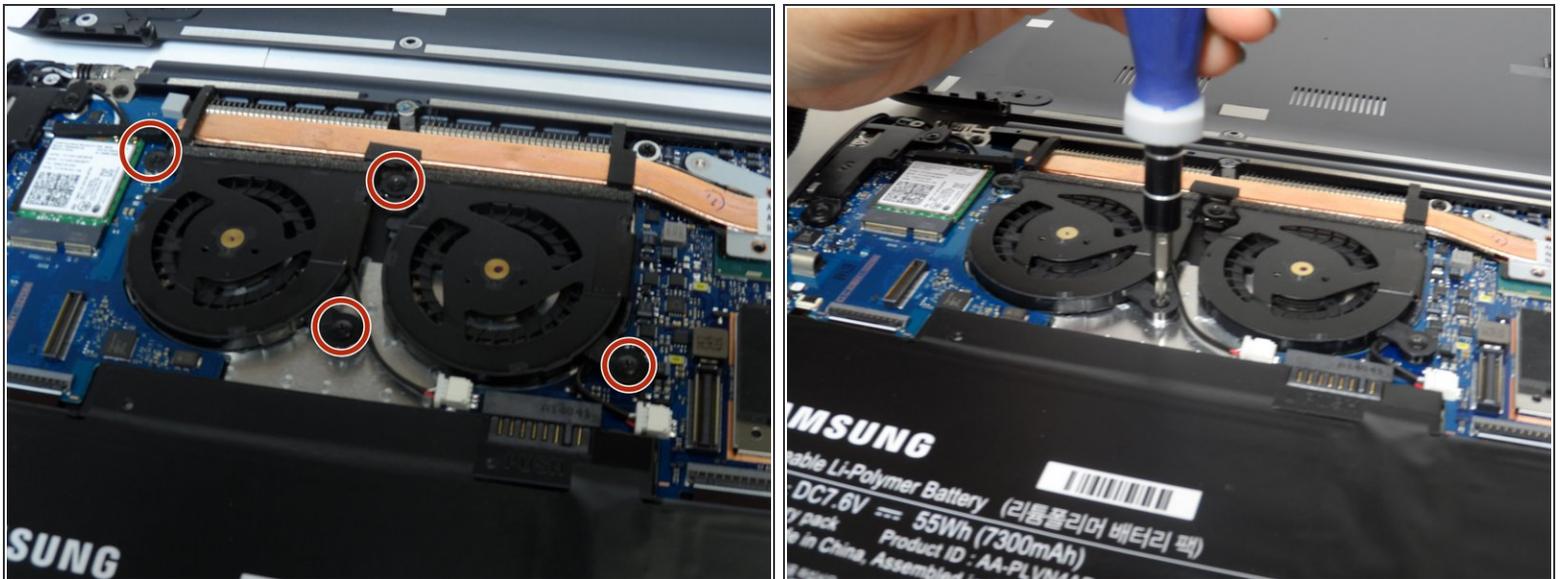
- Lift the cover to reveal the interior of the laptop.

Step 3 — Internal Fans



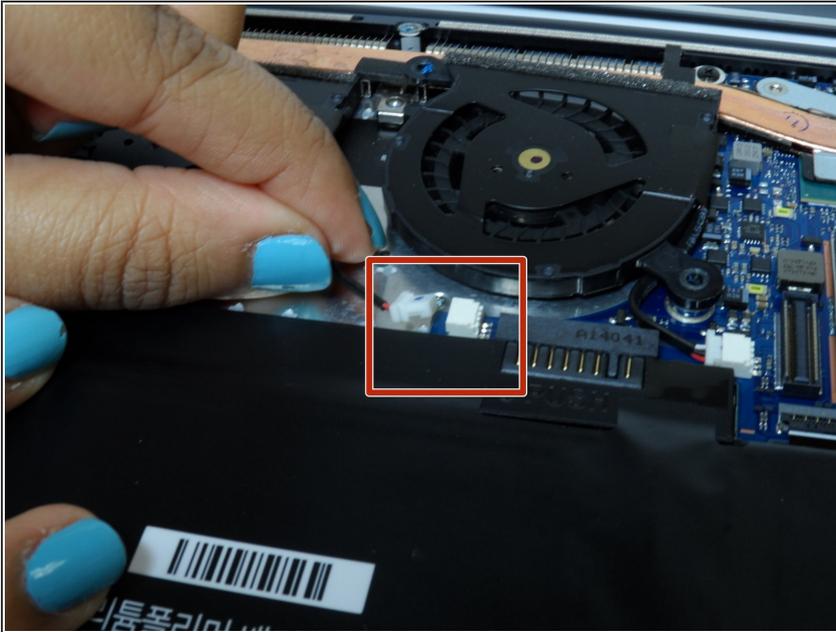
- The fans should be in the upper left corner of the laptop if the laptop is oriented with the battery in the bottom half.
- Gently lift the fans' black connector strip out of the way.

Step 4



- Using a Phillips head screwdriver, unscrew four 4.55 mm Phillips #000 screws that bind the fans.

Step 5



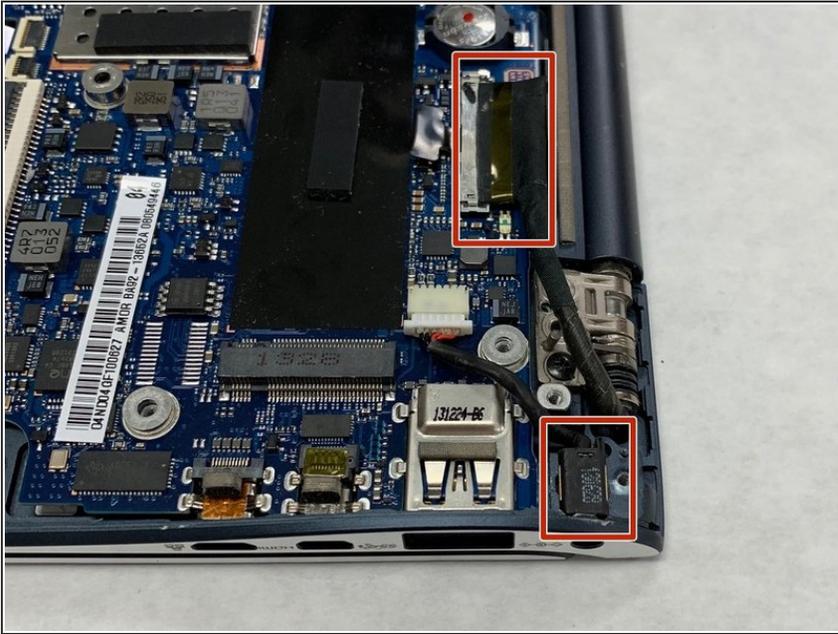
- Disconnect the white connectors by gently tugging on them.
- Lift the fans from their positions.

Step 6 — Heatsink Assembly



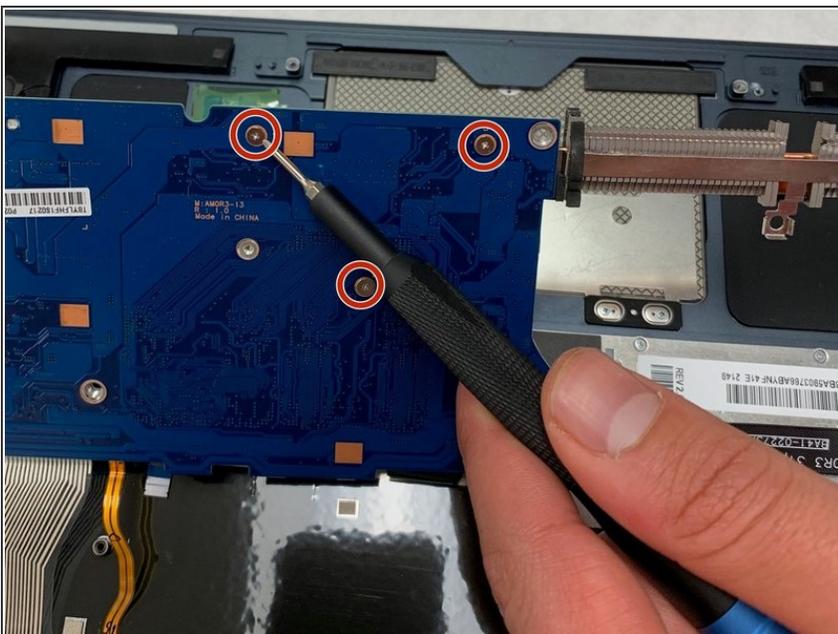
- Using a Phillips head screwdriver #000 unscrew the motherboard from the rest of the components.

Step 7



- Disconnect the two cables shown in the picture by gently pulling them off.

Step 8



- Using a Phillips #000 screwdriver, unscrew the three labeled screws to detach the heatsink assembly.

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