



Asus Q501LA-BBI6T03 Heat Sink Disassembly

Removal of the heat sink/assembly may be required in order to reapply thermal compound or replace a faulty fan unit. T

Written By: Kyle Nagao



INTRODUCTION

If your laptop is running hot, you may decide to either replace or clean out your fan unit, and replace the thermal compound with better quality.

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Spudger](#) (1)

Step 1 — Back Panel



⚠ Ensure the laptop is powered down before continuing.

- Use a Phillips #0 screwdriver to remove the ten 3mm Phillips head screws on the base of the laptop.

Step 2

- Use the spudger to pry open the rear cover at either hinge.

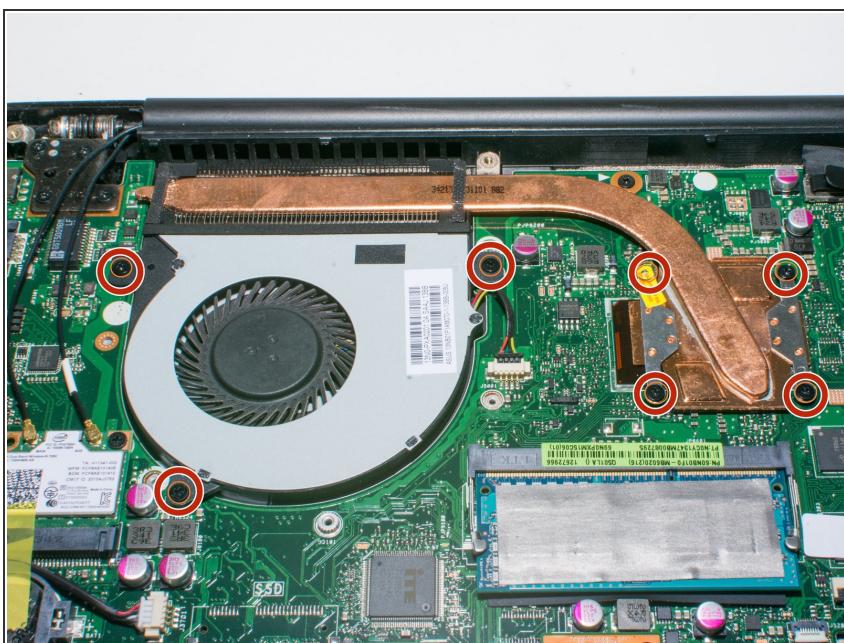


Step 3



- Grab the cover with your fingers and gently lift it away from the board.
- *i* Be careful not to break any tabs on the cover when lifting it off.

Step 4 — Heat Sink/Fan Assembly



- Remove the seven 4mm Phillips #0 screws holding the heat sink/fan assembly onto the motherboard.

Step 5



- Using the spudger, unplug the fan from the motherboard connection by carefully pushing on both sides of the connector.

Step 6



- Lift up on the fan, copper heat pipe and heat sink assembly, and remove from motherboard.

 Be careful when removing the heat sink unit from the CPU, as there will be thermal paste residue that will have to be cleaned and new thermal paste applied.

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