



# Gateway MA6 Laptop Cooling Assembly Replacement

Access the cooling assembly on your laptop to prevent overheating due to a a dirty or faulty fan.

Written By: Chris Naughton



---

## INTRODUCTION

The cooling assembly is made up of a cooling fan and a large piece of copper to help dissipate heat out of the bottom of your laptop. Over time, the fan can wear out and it will need to be replaced.

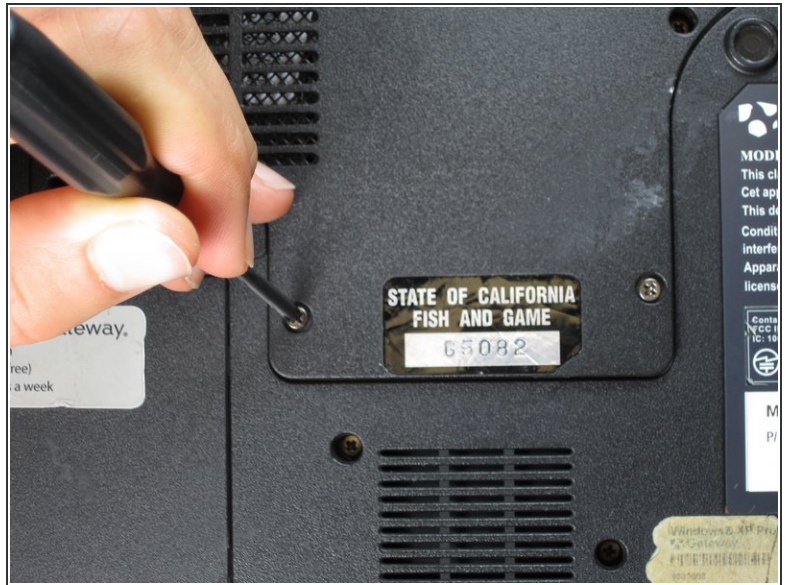
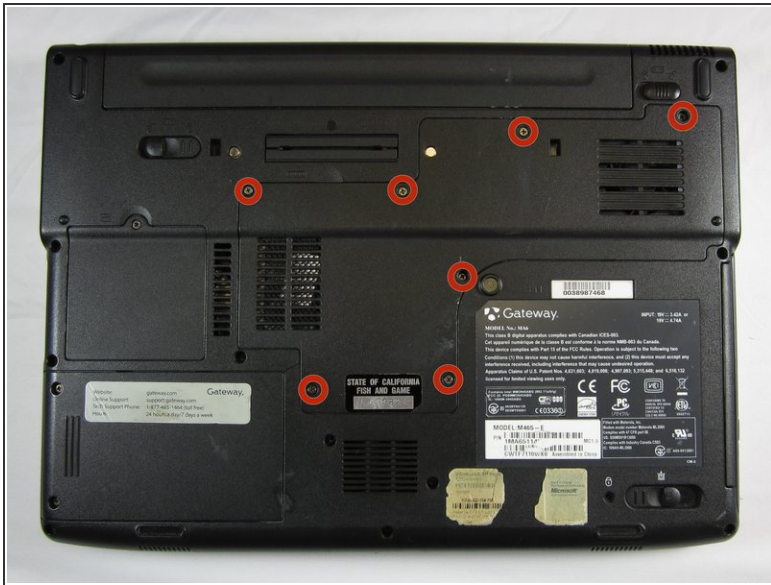
---



### TOOLS:

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

## Step 1 — Cooling Assembly



- Loosen the seven 6 mm Phillips #0 screws on the back of the case.
- ⓘ Leave all the screws in the back plate and so you don't lose them.

## Step 2



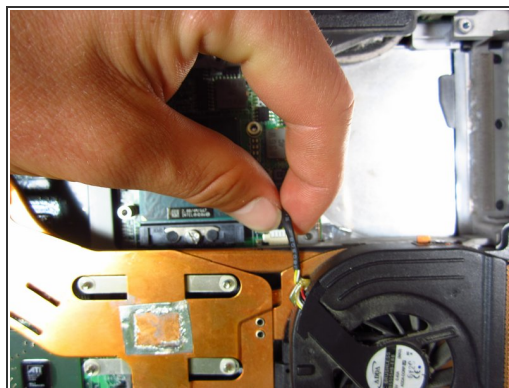
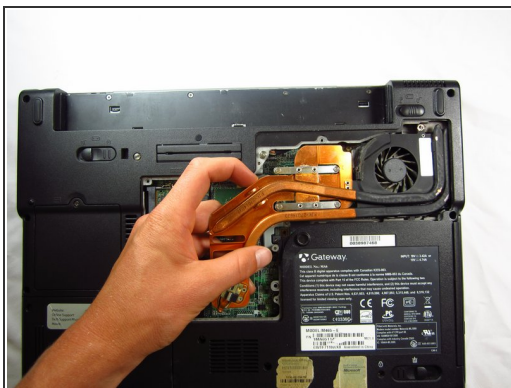
- Pull upwards on the top of the back cover to remove it.

### Step 3



- Remove the four 9 mm Phillips #0 screws from the cooling assembly.

### Step 4



⚠ Gently and carefully remove the cooling assembly to avoid ripping the wire attaching it to the computer.

- Gently flip the cooling fan assembly upside-down on the computer surface.
- Carefully grab the wire attached to the computer and pull away from the port.

ℹ The cooling fan is now safe for removal.

## Step 5



- When reinstalling heat sink and fans clean off the old thermal paste from both the heat sink and the CPU and then add new paste to CPU
- ⓘ If your unfamiliar with applying thermal paste [How to Apply Thermal Paste](#)

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