# Alienware M17-R1 CPU Cooler Replacement

This repair guide contains step-by-step instructions on how to properly replace the CPU Cooler in an Alienware M17-R1.

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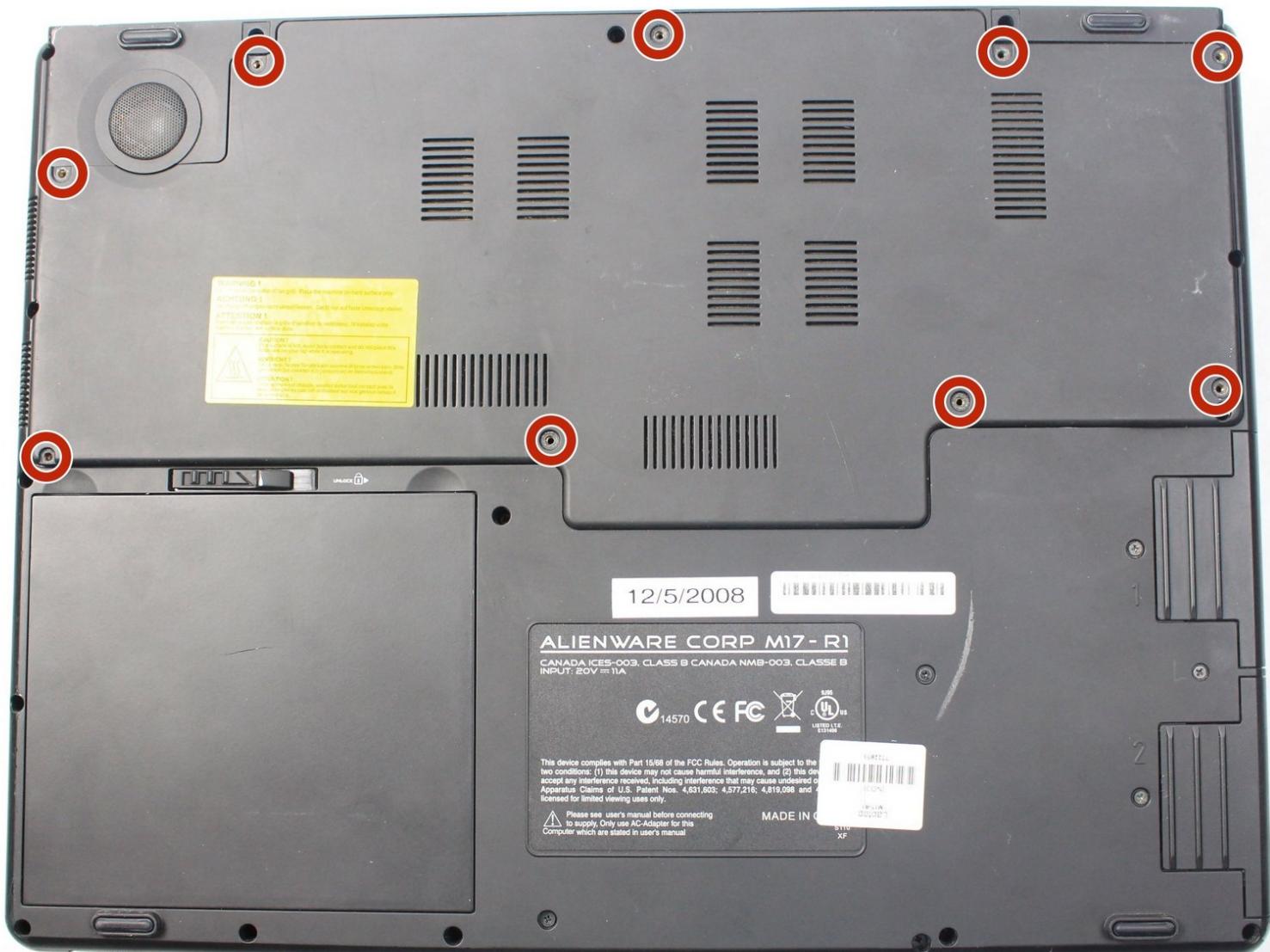
INTRODUCTION

The CPU Cooler is one part of the many different components that combine to make this laptop into a fine tuned machine. Double check your part and make sure it is the CPU cooler and not the GPU cooler.

🔧 TOOLS:

- Phillips #1 Screwdriver (1)
- iFixit Opening Tools (1)

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www.iFixit.com

Step 1 — Battery

- Push the slider until the battery is released from its socket.

Step 2

- Lift the battery using your fingers.
  - ⓘ It may be necessary to use a plastic opening tool.

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Step 3 — CPU Cooler

- First begin by placing the laptop on a hard flat surface.

- Remove the nine 3 mm screws that secure the back panel using a Phillips #1 screwdriver.

Step 4
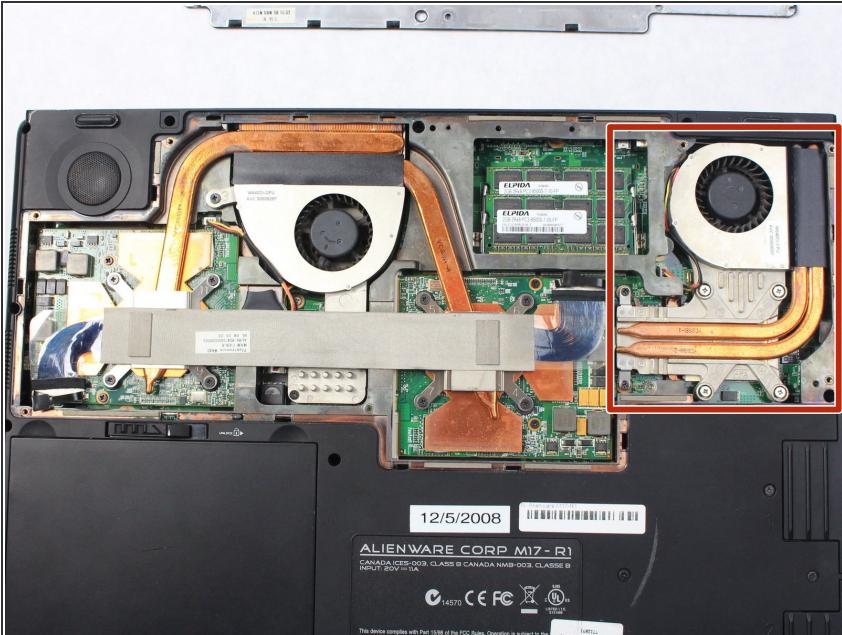
- Once the cover has been removed, locate the CPU Cooler to begin the replacement.

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Step 5
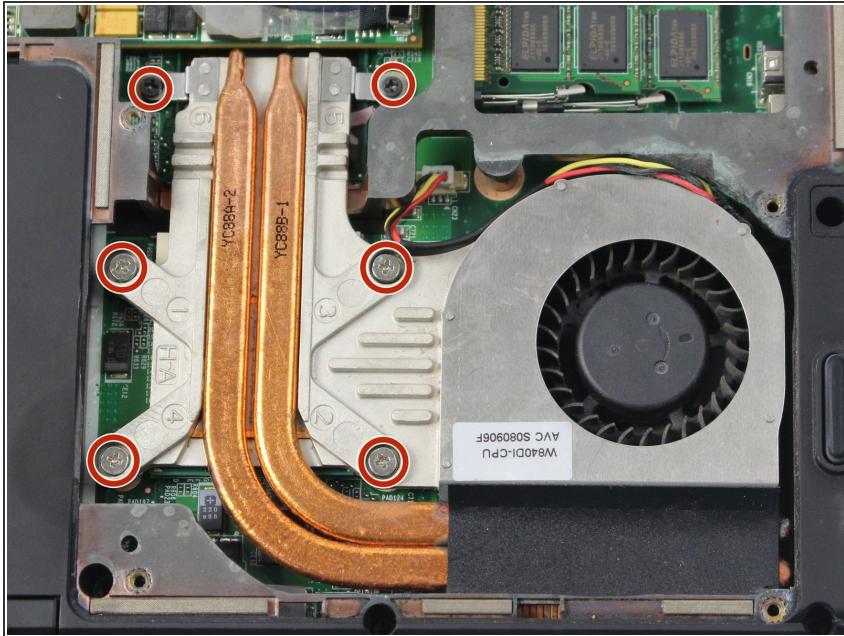
- Remove the six 7 mm screws using a Phillips #1 and then use the pry tool to unplug the fan before removing the CPU Cooler.

- (i) Screws 1 through 4 are integrated into the cooler and will come all the way out.

Step 6
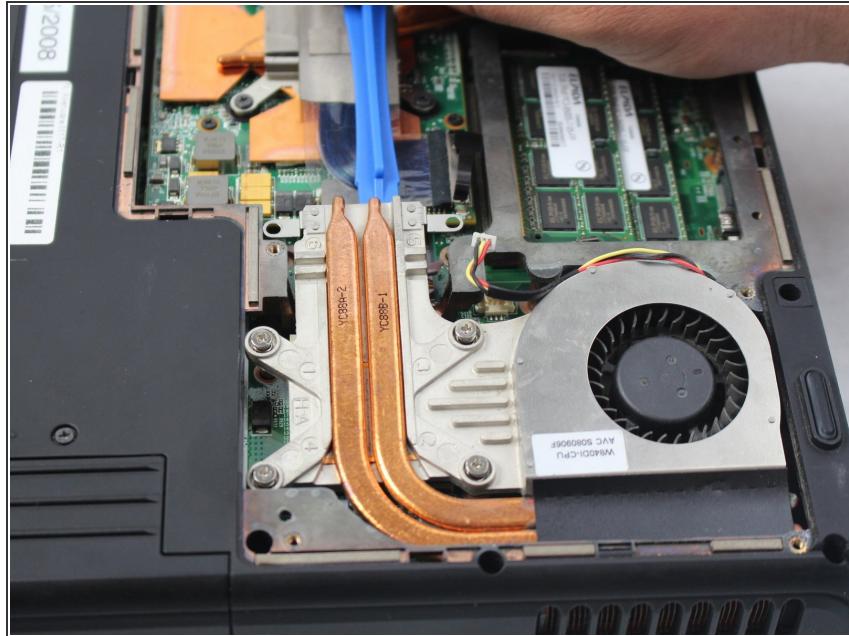
- Once all screws have been removed and the cooler has been unplugged, gently lift the cooler out of its compartment to install the new cooling fan.

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

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