# Alienware 15 R2 Fan Replacement

Step by step instructions on replacing or cleaning the fans of your Alienware 15 R2.

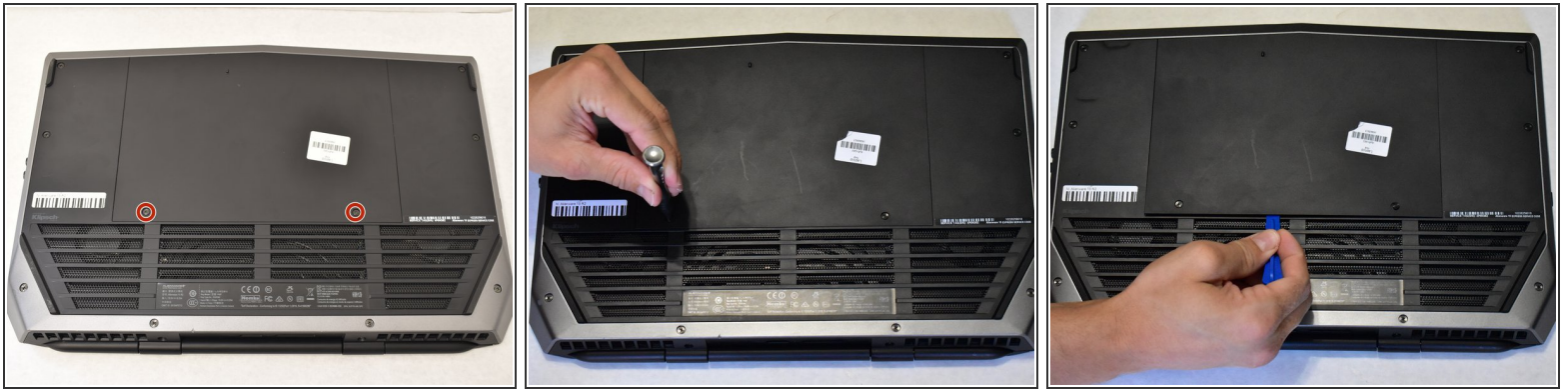Written By: Nathaniel Evans

www.iFixit.com

# INTRODUCTION

If your Alienware 15 R2 overheats often or runs loudly, replacing or cleaning the fans should be the first thing you do. When working with computers, always make sure to unplug your computer and ground yourself before reaching inner components so you don't accidentally release an electrical charge into the sensitive technology. The discharge could potentially damage your computer's internals.
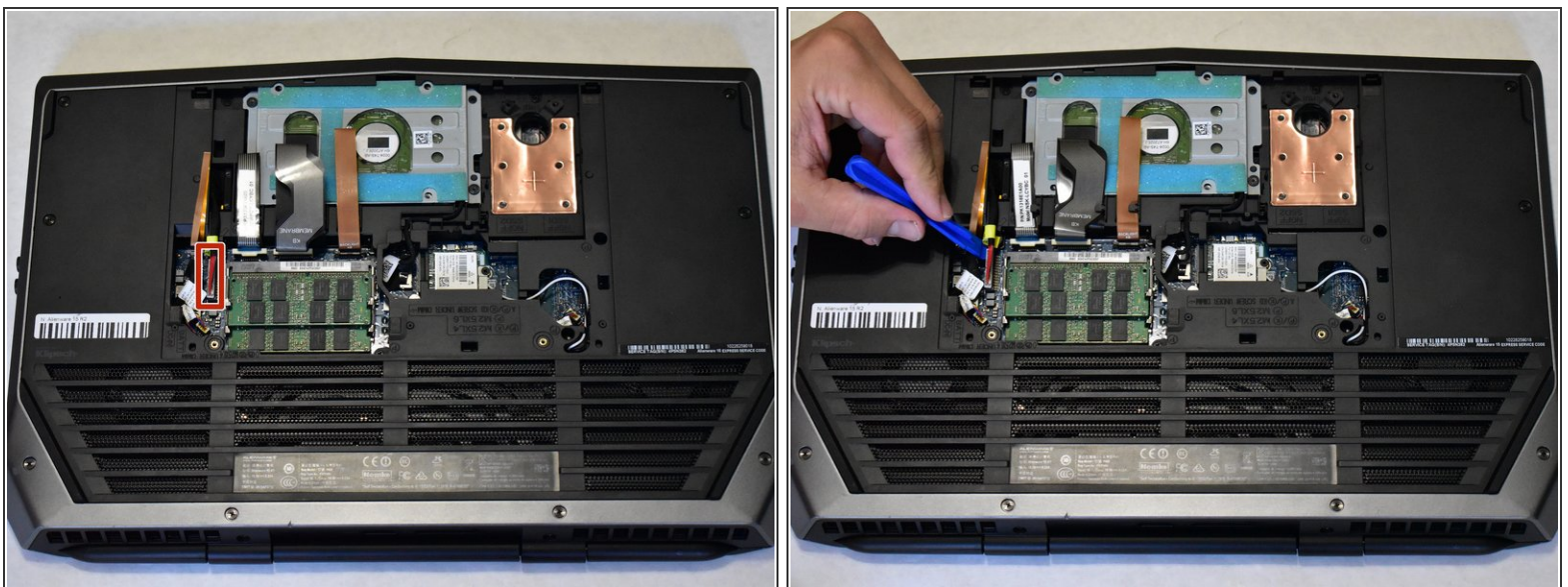
## 🔧 TOOLS:

- Phillips #0 Screwdriver (1)
- iFixit Opening Tools (1)
- Anti-Static Wrist Strap (1)

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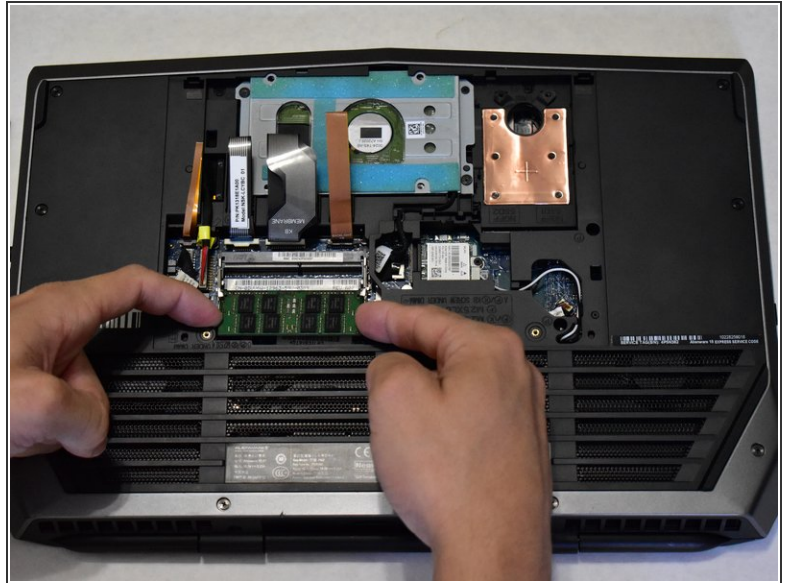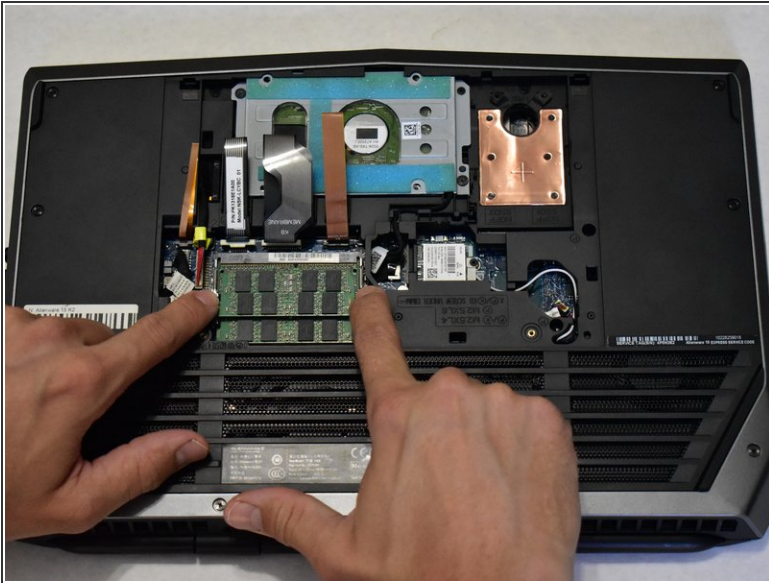
## Step 1 — RAM



- Place laptop upside down with the hinge facing you, then remove the two 9mm Phillips #0 screws located in the center of the rear panel. Remove the rear panel by using the iFixit opening tool to separate it from the back of the laptop.
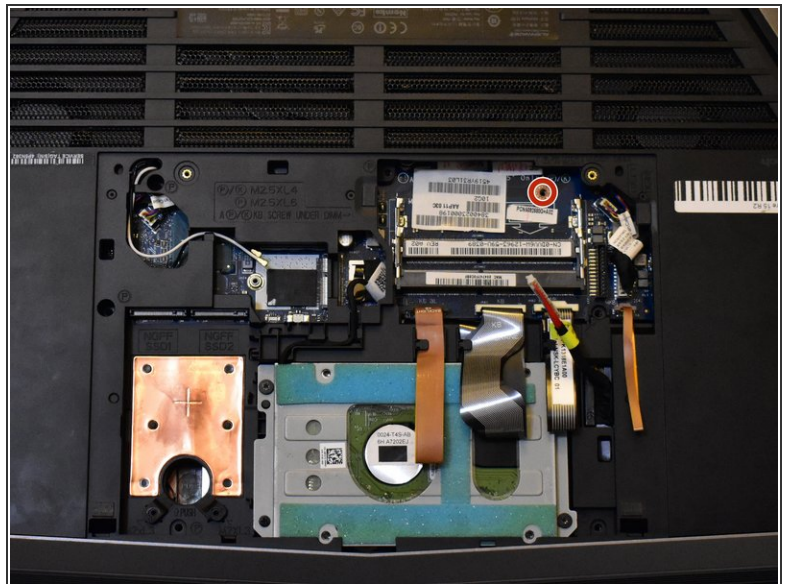
## Step 2



- Use the opening tool to disconnect the battery cable.

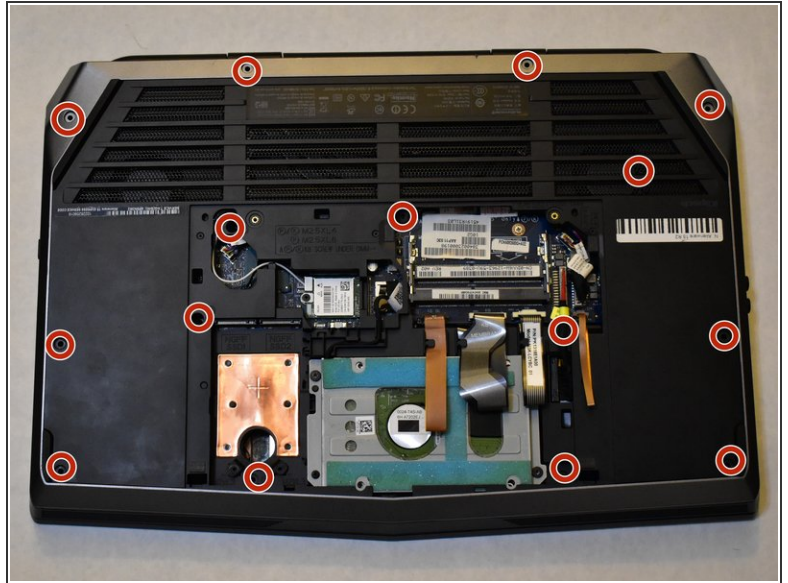This document was generated on 2020-04-06 05:01:40 AM (MST).

## Step 3



- Find the RAM located near the edge of the computer closest to you. Locate the small latches on either side of the RAM and pull them apart. Gently grasp the RAM stick on either side and pull straight out. Repeat for the second RAM stick.
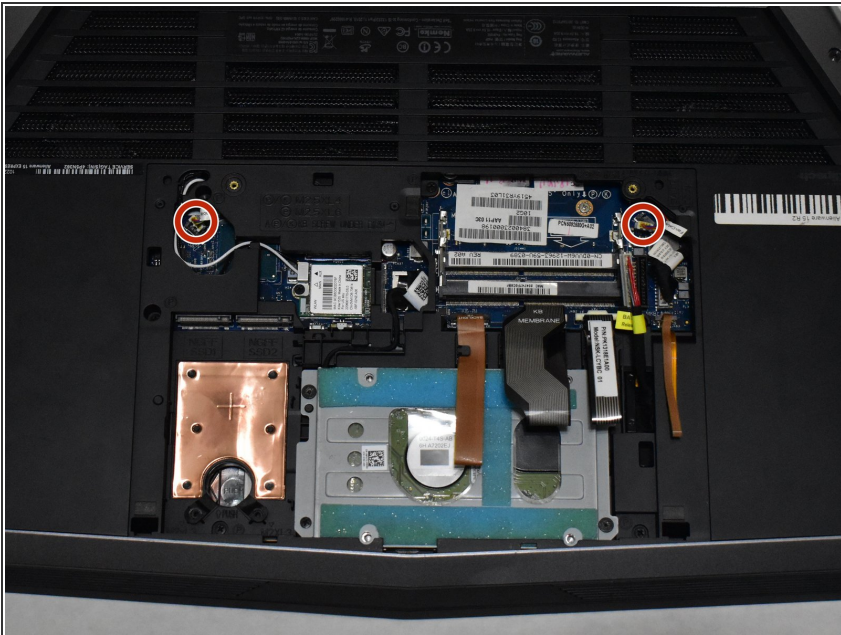
## Step 4 — Fans



- Remove the screw under the RAM using the Phillips #0 screwdriver.

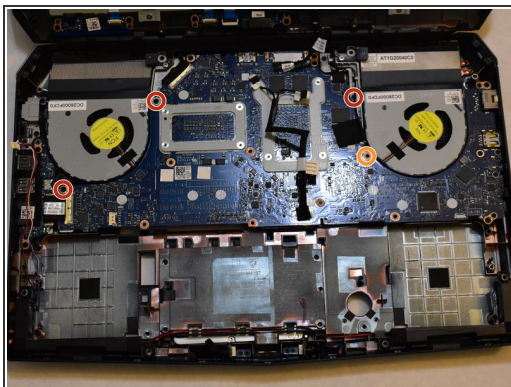This document was generated on 2020-04-06 05:01:40 AM (MST).

## Step 5



- Remove all screws from the back casing. Press your finger in the hole next to the hard drive to lift the key board up. (4X 18mm, 4X 10mm, 4X 6mm)

## Step 6



- Disconnect the fan wires.

## Step 7



- If replacing, remove the three 6.0 mm screws from the fan and pull the fans out. (Orange circle, screw will already be removed). If cleaning the fans, used compressed air to clean the blades and air duct.

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