iFIXIT

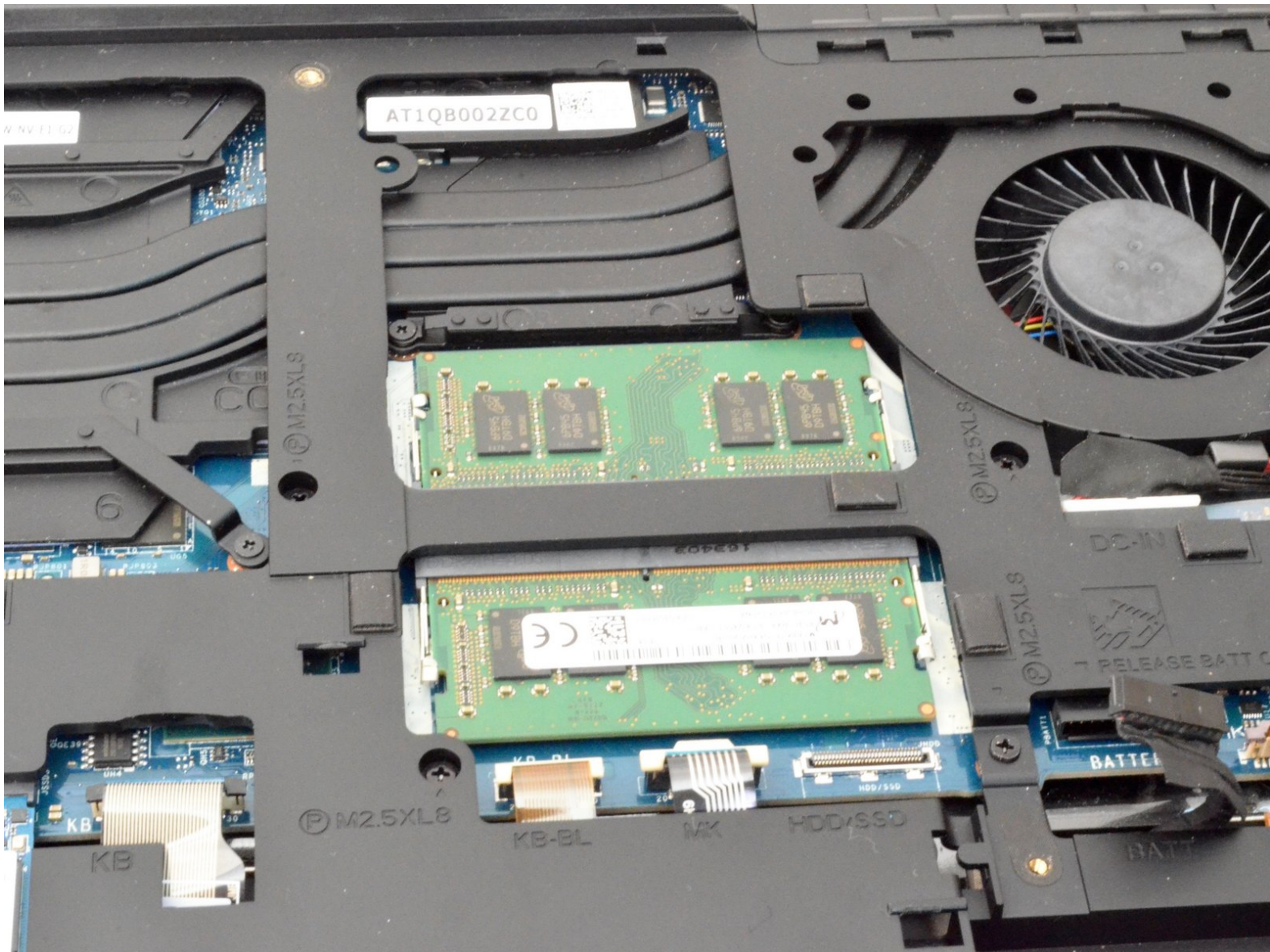# Alienware 17 R4 Ram Replacement

This guide will teach you how to replace your...

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INTRODUCTION

This guide will teach you how to replace your RAM card allowing you to upgrade or simply replace your card.

TOOLS:

- Phillips Head Screwdriver: Size PH1 (1)
- iFixit Opening Tool (1)

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Step 1 — Base Cover

- Use a **PH1 screwdriver bit** to remove the **six M2.5x13 screws (2.4 mm)** on the back of the laptop.

- Use a **PH1 screwdriver bit** to loosen the **one M2x3 screw (1.9 mm)**.
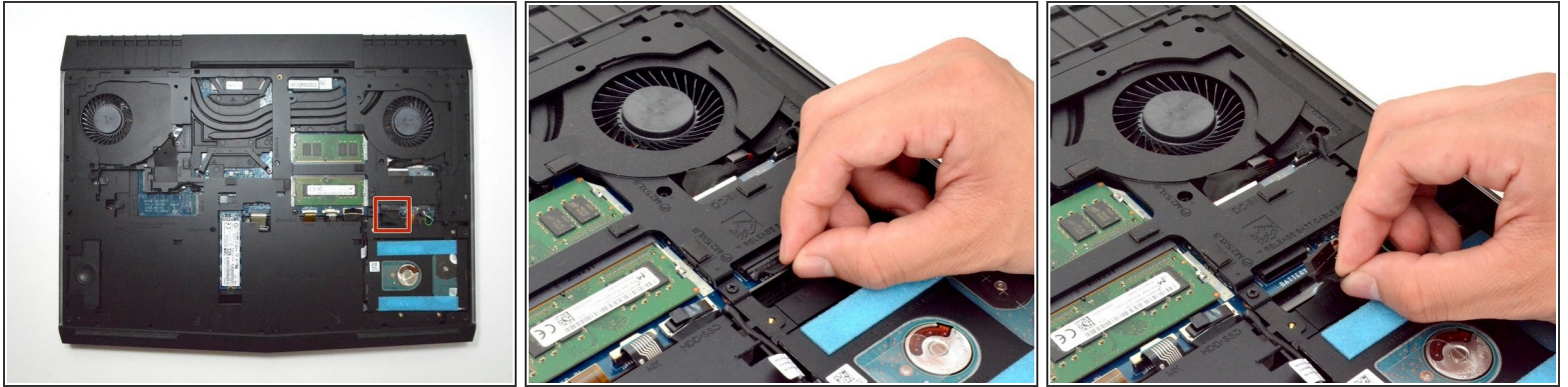 - ⓘ The **M2x3 screw (1.9 mm)** does not come out completely.

Step 2

- Pull the base cover up to remove it.

- If you are having trouble, insert a **plastic opening tool** into the divots along the laptop's edges to loosen.

- ⓘ Removing the cover may require some force.

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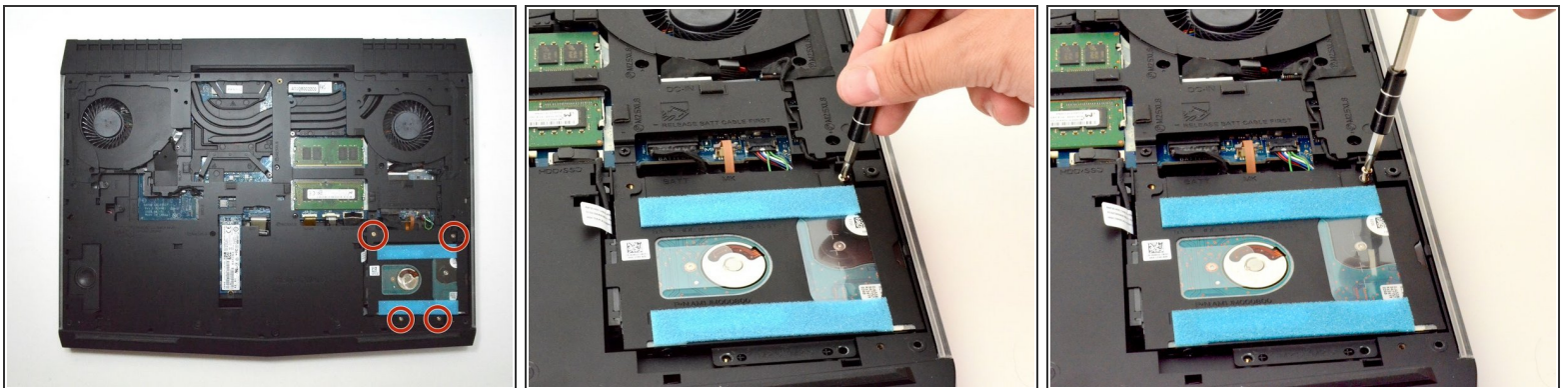
Step 3 — Hard Disk Drive (HDD)

- Disconnect the **battery connector cable**, located on the right side of the laptop, above the hard disk drive.

- (i) Once you have removed the cable, wait **5-10 minutes** to allow the laptop to power down.
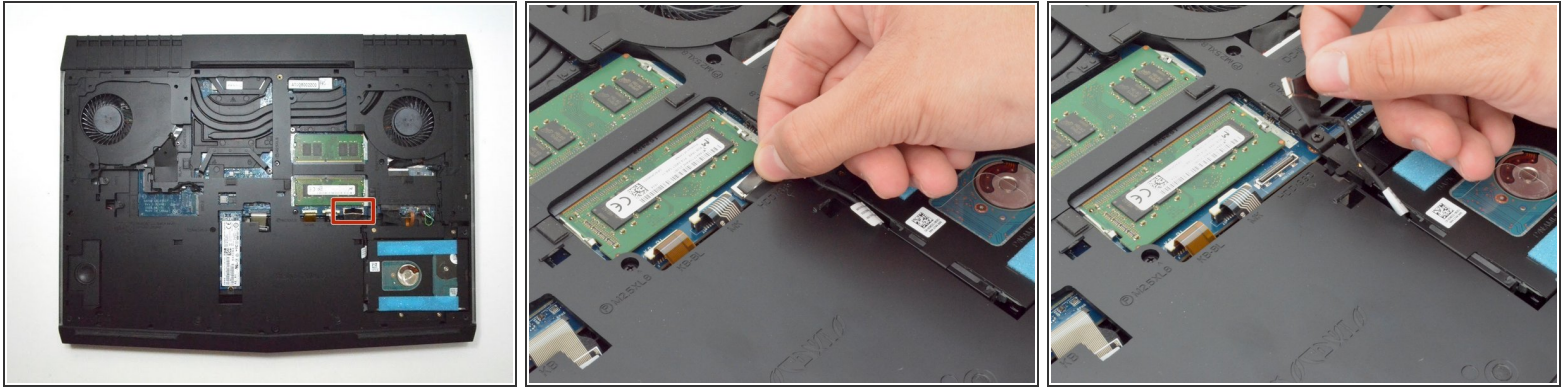
- ⚠ Failure to remove the battery connector cable properly may damage other parts of the laptop.
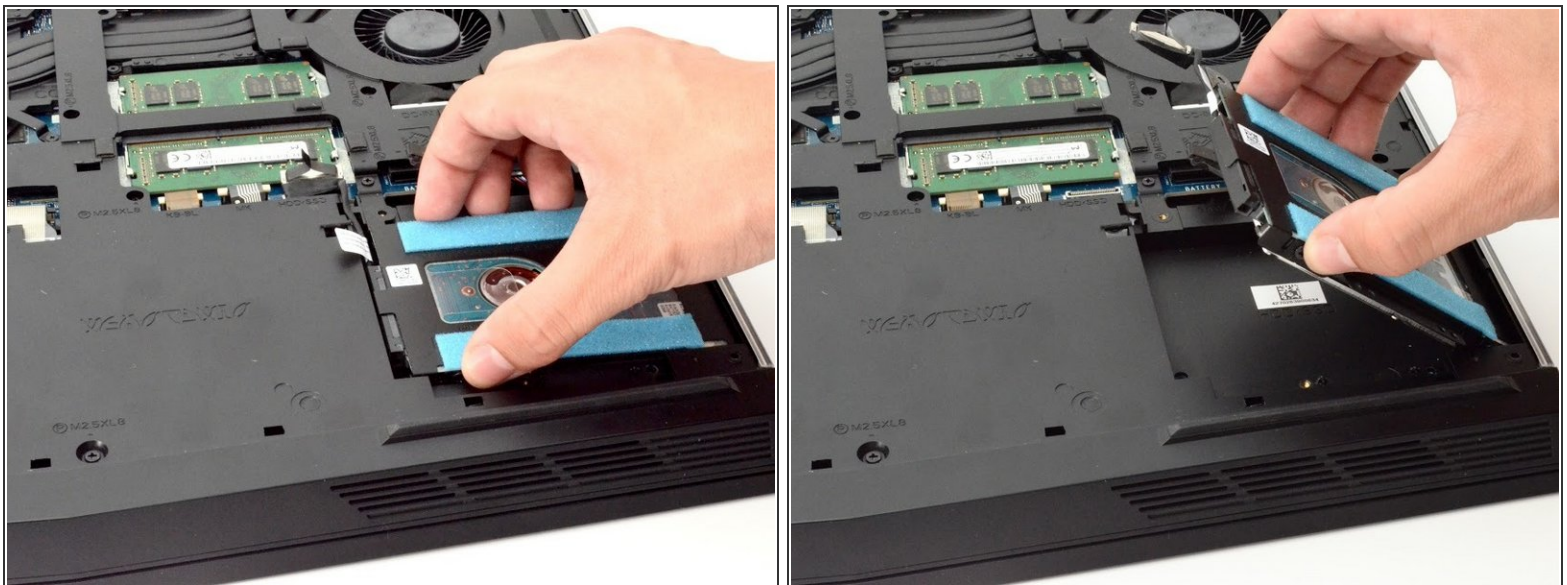
Step 4

- Use a **PH1 screwdriver bit** to remove the **four M2.5x5 screws (2.4 mm)** on the hard disk drive.
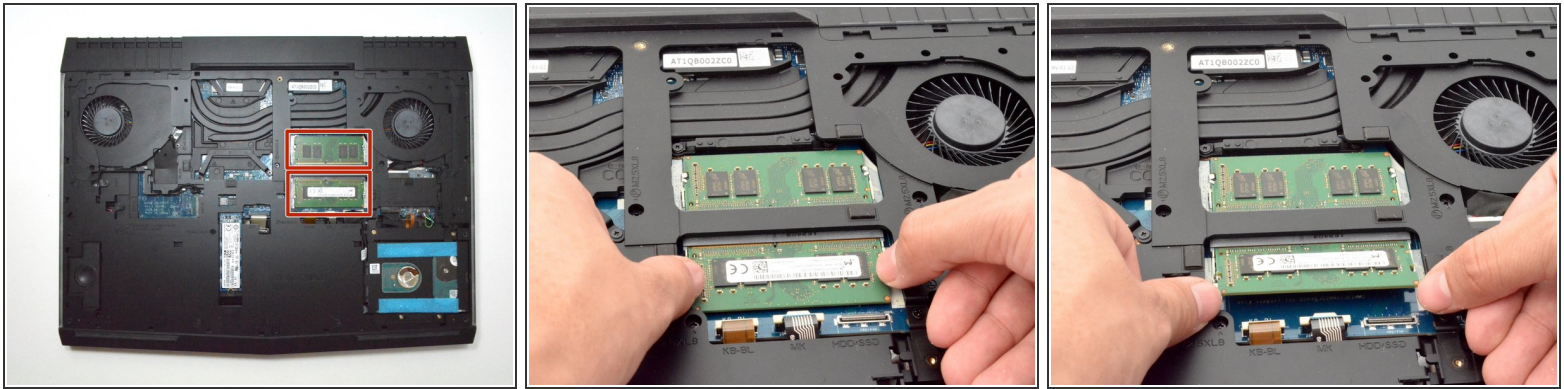
Step 5

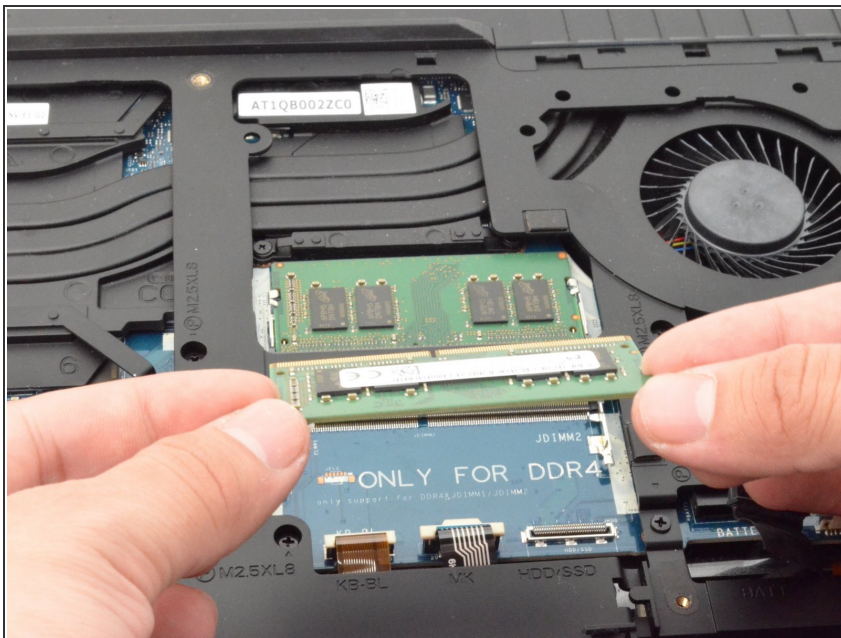- **Gently** lift the HDD cable to disconnect it from the laptop.

Step 6

- Pull the hard drive up to remove.

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Step 7 — RAM

- Move the metal sidings outward to release the RAM card.

Step 8

- Slide the RAM card out towards yourself to remove it.

- Repeat the same step for the RAM card above.

⚠ Slide the RAM card out carefully to avoid damaging it.

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

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