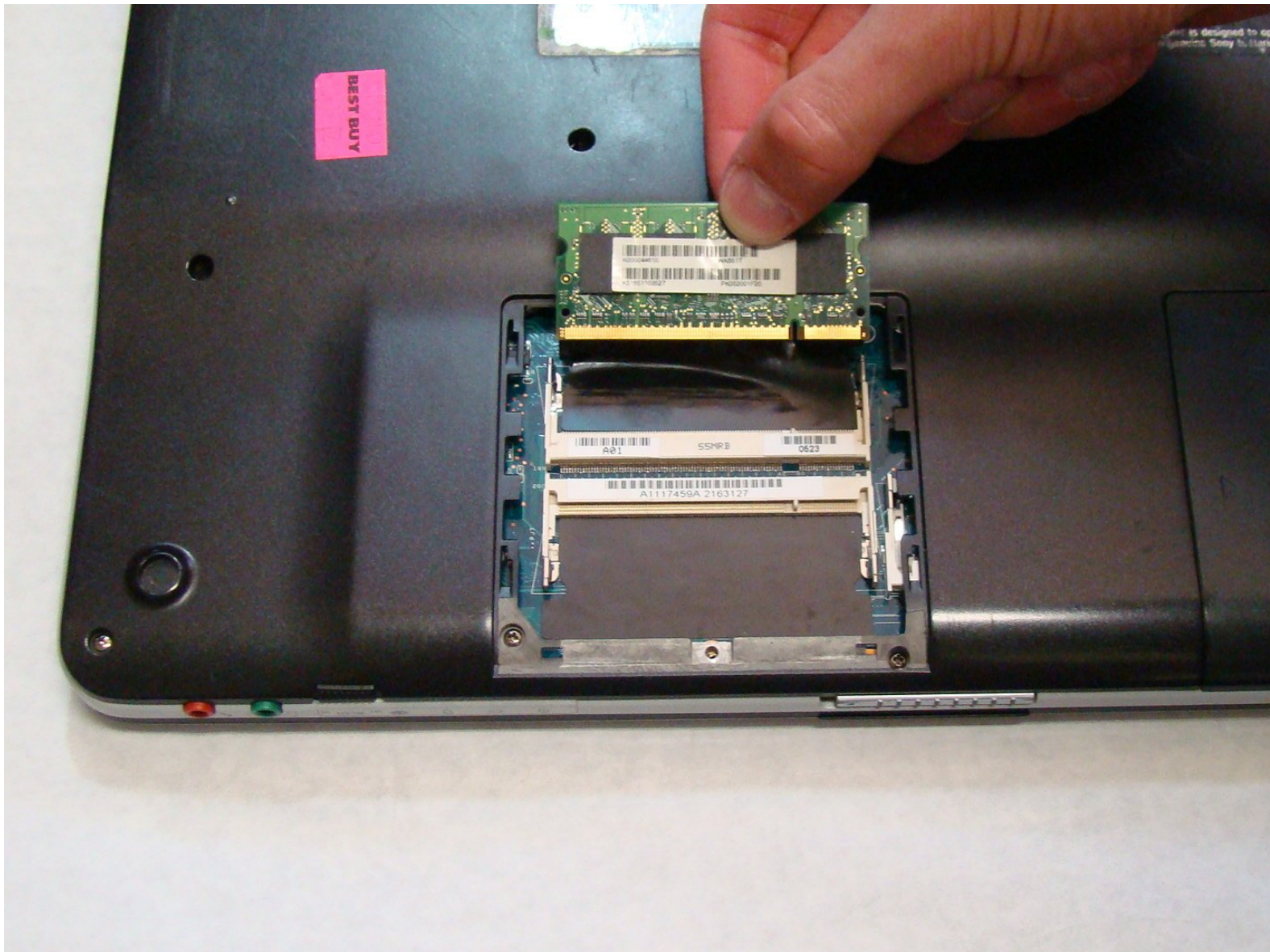




Sony Vaio VGN-FS640 RAM Replacement

How to replace the RAM in a Sony Vaio VGN-FS640 laptop.

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INTRODUCTION

This guide helps users replace the RAM in the Sony Vaio VGN-FS640 laptop.



TOOLS:

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



PARTS:

- [Replacement RAM for Sony Vaio PCG-7A2L](#) (1)

Step 1 — Battery



- Lay the closed laptop on its screen so the bottom is facing towards you.

Step 2



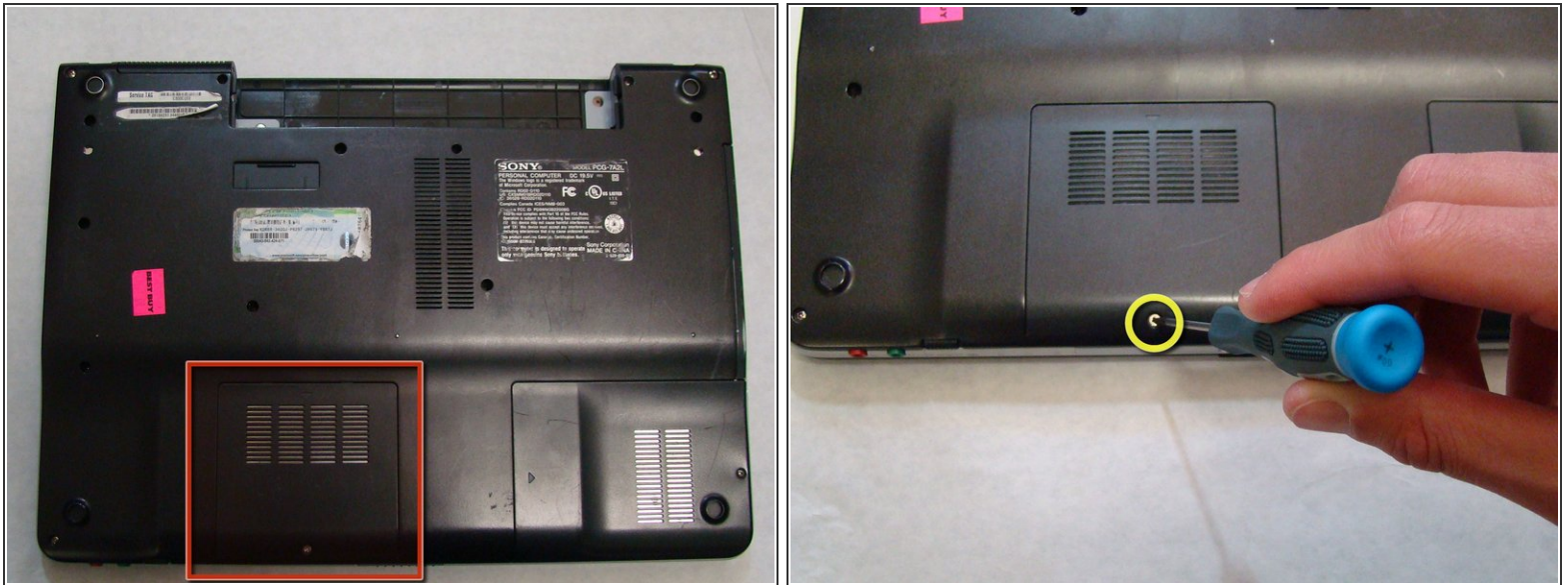
- Push both latches towards the center of the battery.

Step 3



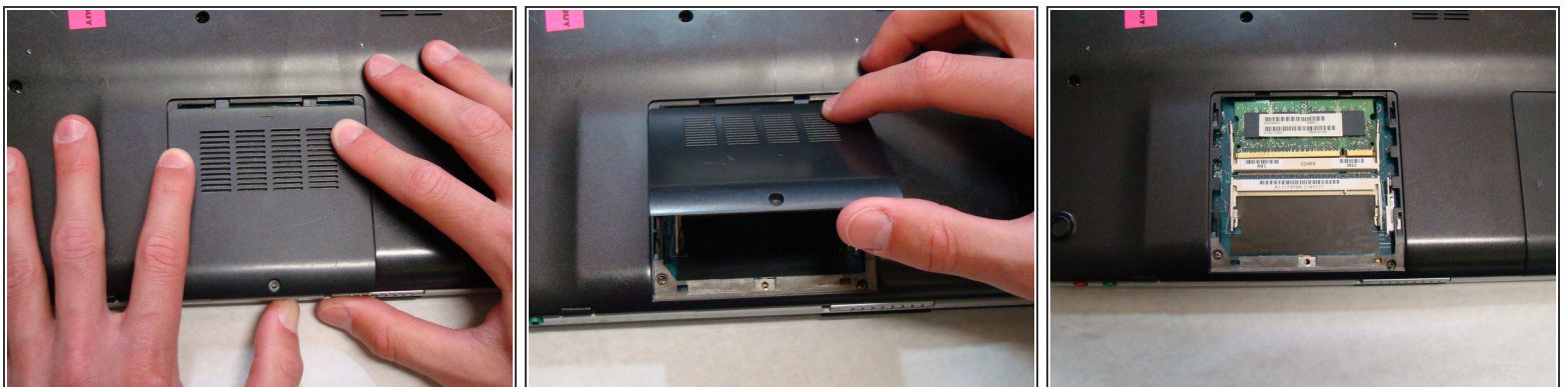
- Remove the battery by pushing it away from the laptop.
- Set the battery away from the laptop.

Step 4 — RAM Cover



- With the bottom of the laptop facing up, locate the RAM cover.
- The RAM is covered by the panel with four columns of vents.
- Locate the screw (Length: 4.8 mm) holding down the panel, which is near the edge of the laptop. Unscrew it with your phillips #0 screwdriver.

Step 5



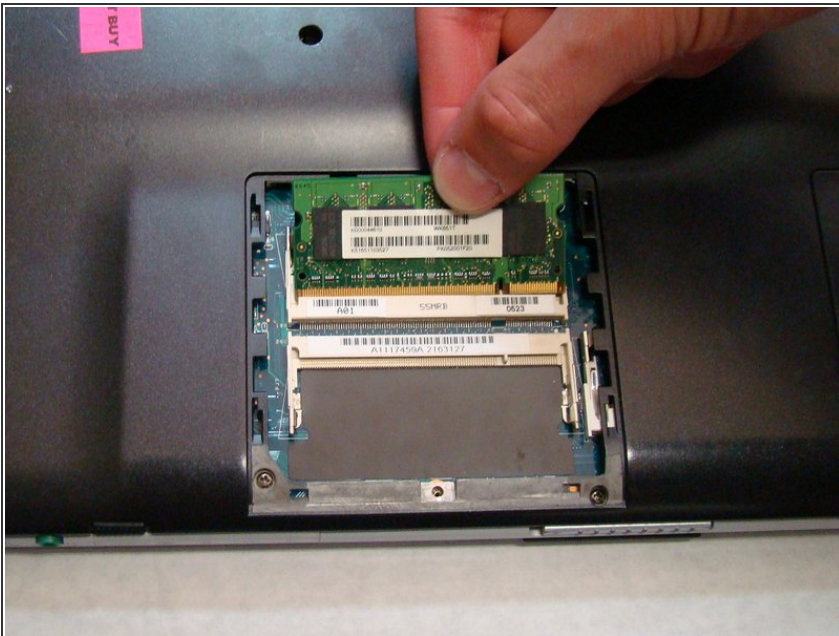
- Use your fingers to slide the cover away from the laptop. (It will only slide a few millimeters)
- Once the panel is out of its locked position, it can be lifted out without any resistance.

Step 6 — RAM



- To remove the RAM, use sharp end of a spudger to push the two silver tabs (see picture) away from the green RAM chip.
- When both silver tabs are moved to the side, one edge of the RAM chip will pop up from its original position.
- Use your fingers to grab the raised edge of the RAM and pull the chip away from its connection to the laptop.

Step 7



- To install the new RAM, grip the new chip exactly the same way as you gripped the old chip when you removed it.
- Insert the gold leads of the RAM into the connection at the same angle the original chip was raised at after the tabs were released.

- i** There is a raised tab on the connection that mates with a slit in the RAM to ensure you do not put the chip in upside down.

Step 8



- To finish the RAM installation, use your finger to push down on the center of the RAM until it clips into the silver tabs and locks into place.
- Work backwards through the [Disassembling Ram Cover Guide](#) and then the [Disassembling Battery Guide](#) to reassemble your laptop.