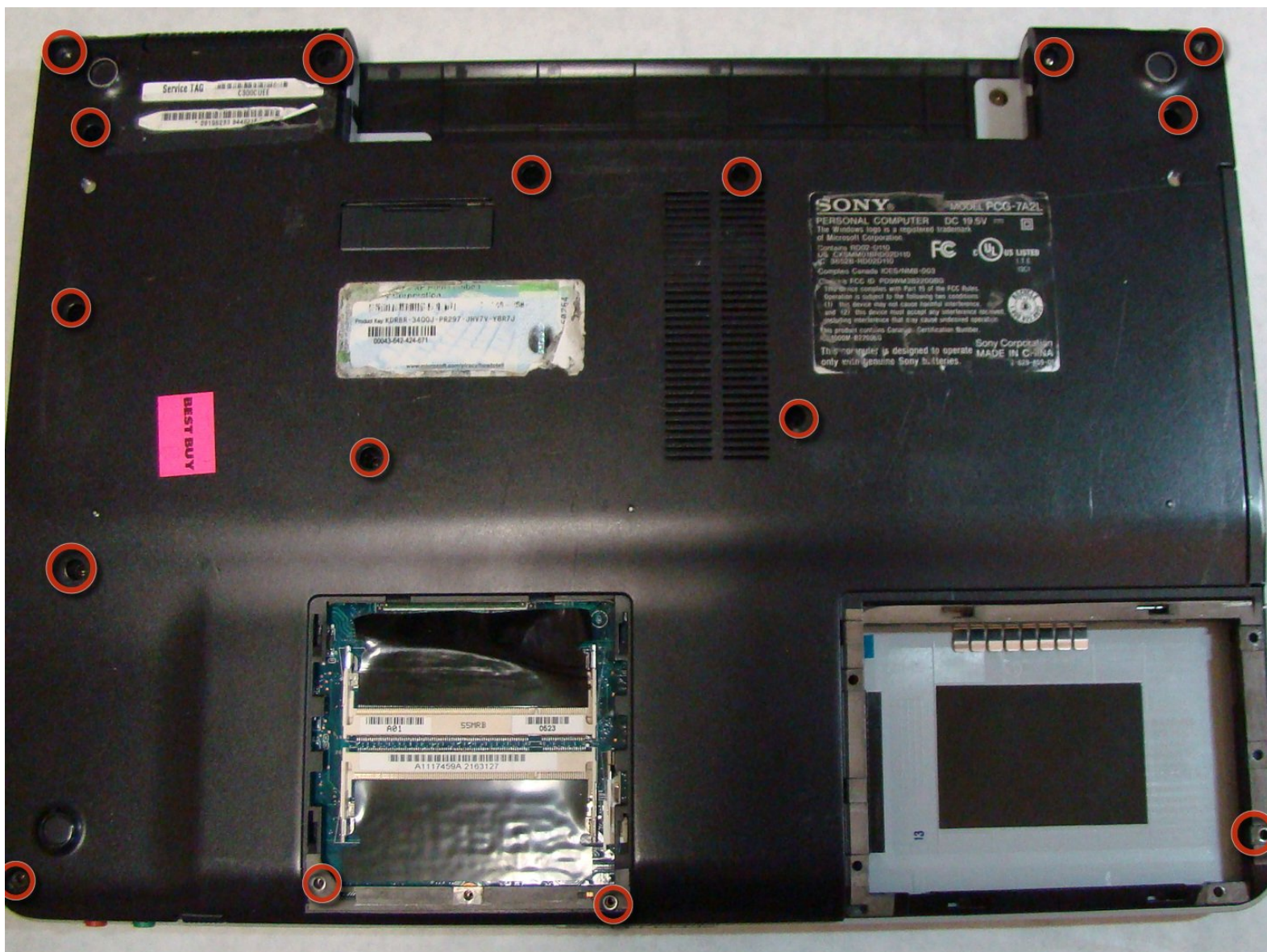# Sony Vaio VGN-FS640 Back Cover Replacement

This guide will show you how to replace the back cover on a Sony Vaio VGN-FS640 laptop.

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INTRODUCTION

This guide show you how to remove the Sony Vaio VGN-FS640 back cover to access the CD-ROM drive, the cooling fan, and other parts in order to remove the keyboard and screen.

TOOLS:

- Phillips #00 Screwdriver (1)

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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.

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Step 3

- Revome the battery by pushing it away from the laptop.

- Set the battery away from the laptop.

Step 4 — RAM Cover
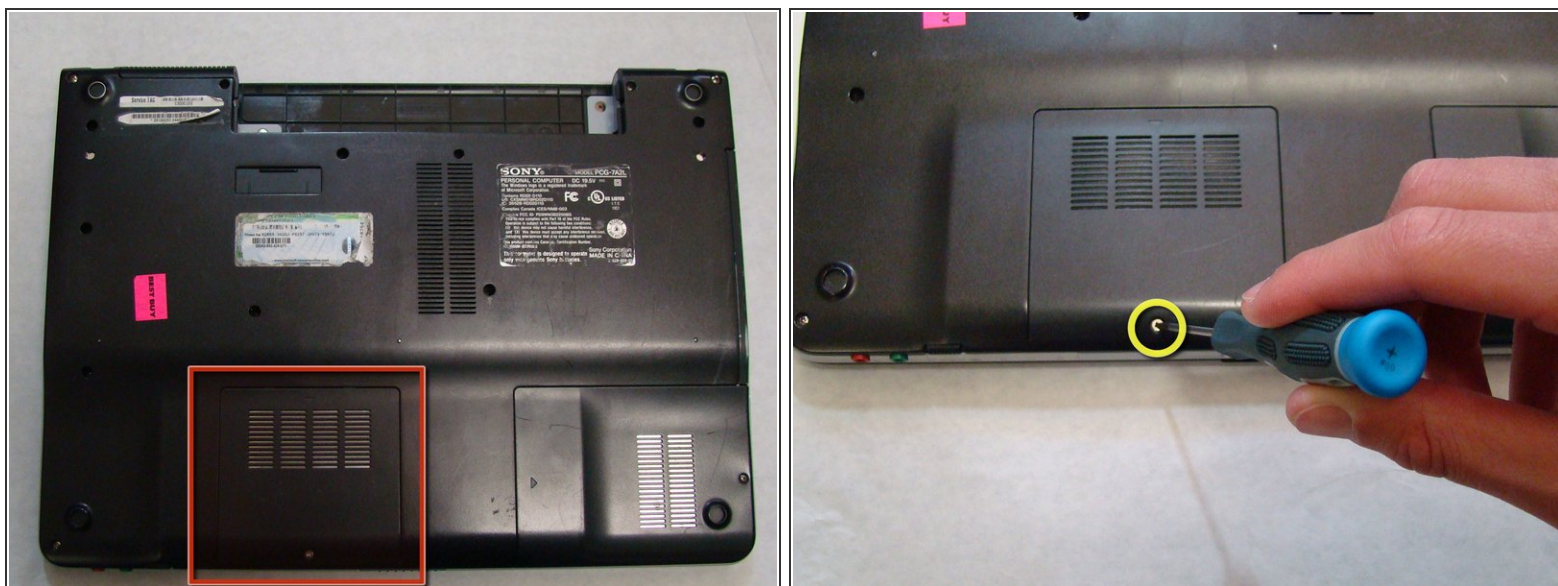
- With the bottom of the laptop facing up, locate the RAM cover.

- 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.

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Step 6 — Hard Drive

- Locate and remove the screw (Length: 7.7mm) for the hard drive cover.

- Slide the cover until it is free from the laptop case.

- Lift the cover to remove.

Step 7
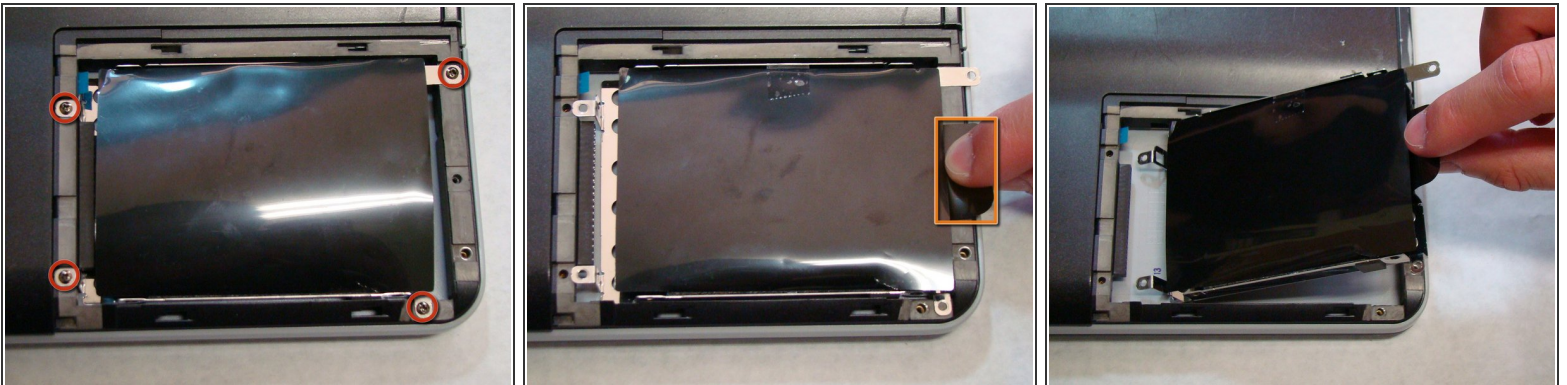
- Locate and remove the four screws (Length: 7.7mm) holding the Hard Drive tray in place.

- Using the tab on the tray, slide the Hard Drive away from the main body of the laptop.

- The Hard Drive should now be disconnected.

- Lift the drive out with the tab on the tray.

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Step 8 — Back Cover
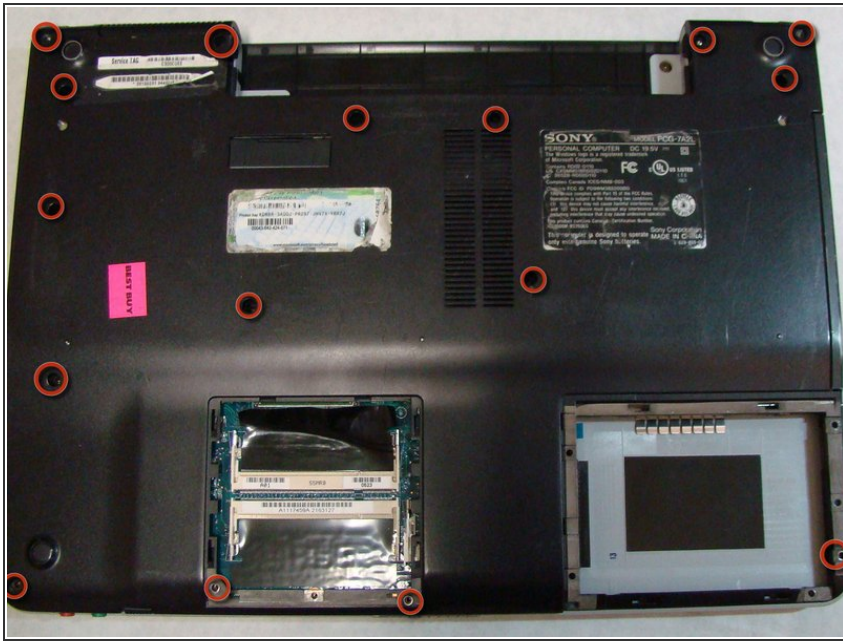
- Locate the screws highlighted here. There are 16 total.

- Using a Phillips #0 screwdriver, remove the screws (Length: 6.8mm) and place them on a tray for later use.

Step 9
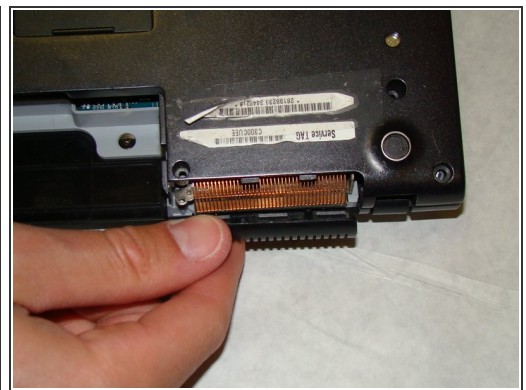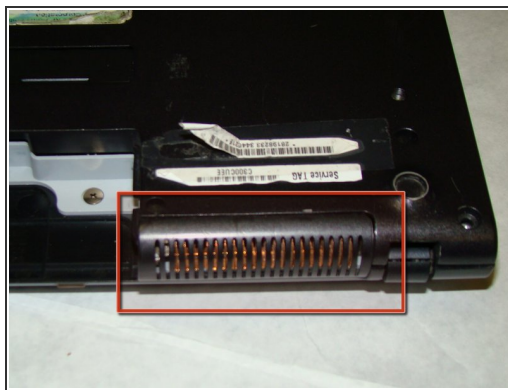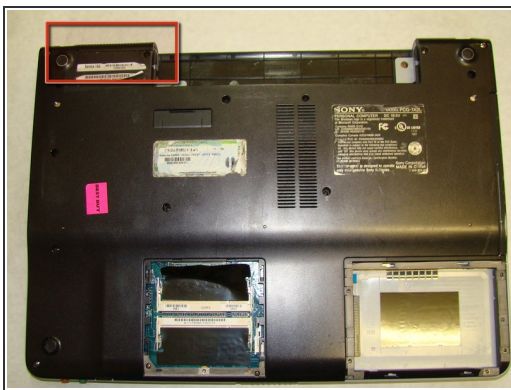
⚠ Before you proceed, make sure you pay special attention to the way the small plastic part that covers the radiator fins is held in place. You will need to know how it attaches when you reassemble the laptop.
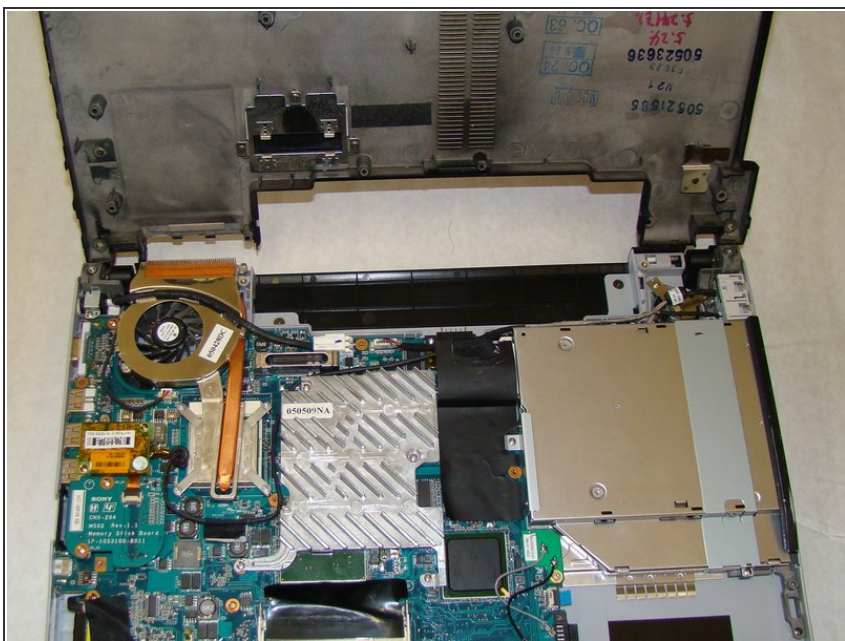
- You do not need to actually remove the part at this time. It is held in place by the rest of the back cover and will fall off when back cover is removed in the next step.

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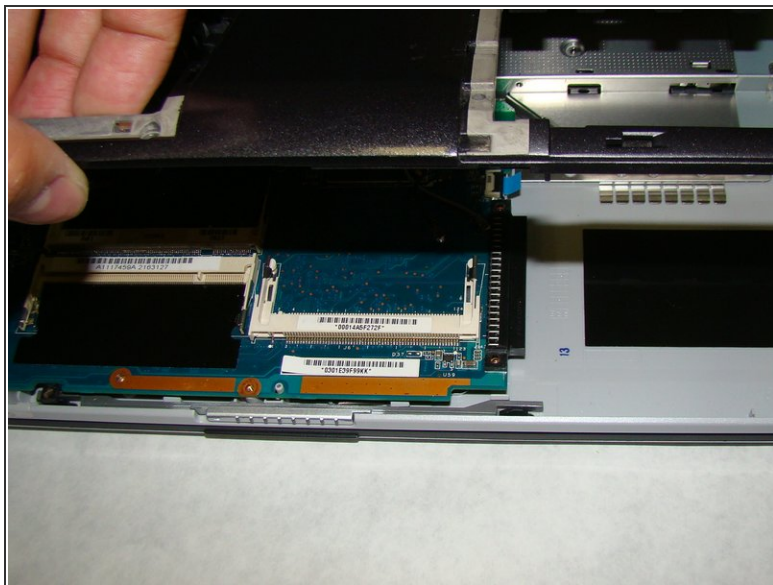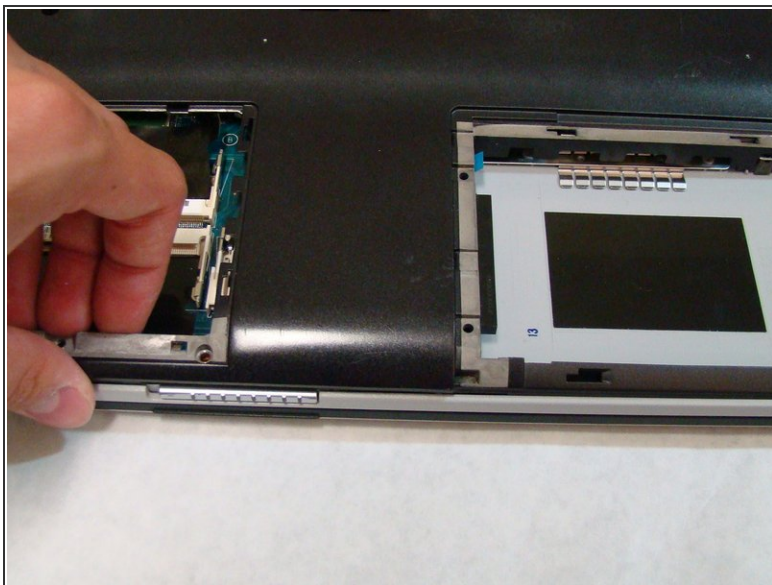
Step 10

- After removing the screws, use your fingers to lift the back cover off the laptop.

Step 11

- Remove the back cover and place it somewhere safe so you can locate it later.

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

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