



Sony Vaio VGN-Z48GD SSDs Replacement

This is a guide to replace the SSD for a Sony...

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INTRODUCTION

This is a guide to replace the SSD for a Sony Vaio VGN-Z48GD. This repair might be needed if you wish to upgrade your SSD, swap SSD with a another SSD, or when the SSD does not function properly. This repair would resolve the problems of storage to low or when the SSD does not store data anymore. There is no prior knowledge needed and there is nothing unusual about this repair.



TOOLS:

- [Phillips #000 Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tool](#) (1)



PARTS:

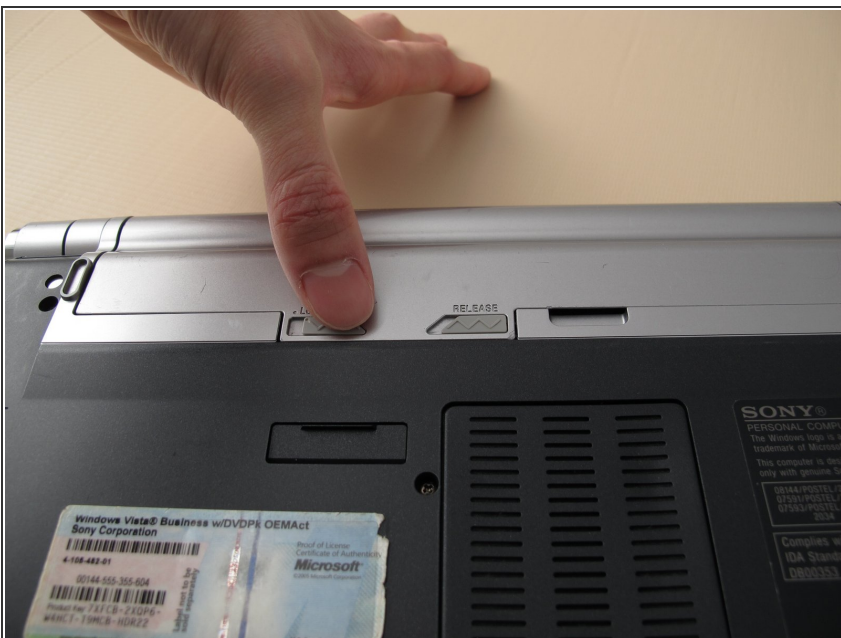
- [Crucial MX500 1 TB SSD](#) (1)
- [Crucial MX500 250 GB SSD](#) (1)
- [Crucial MX500 500 GB SSD](#) (1)
- [Crucial MX500 2 TB SSD](#) (1)

Step 1 — SSDs



- Power off your laptop before starting.
- Disconnect all external cables from the device.

Step 2



- Flip the device over so that the battery is facing away from you.
 - Unlock the battery by using your finger to push the "Lock" latch to the right.
- i** You will hear a soft click when the latch has been disengaged.

Step 3



- Place your finger on the "Release" latch.
- Slide the latch to the right and hold it.
- Use your other hand to lift the battery from the groove.
- Remove the battery.

Step 4



- Remove a 5 mm Phillips #000 screw from the RAM cover located in the centre of the device.
- Remove the RAM cover.
- ① There is no need to remove the RAMs as they won't get in the way.

Step 5



- Remove the following eleven screws:
 - Five 13 mm Phillips #000 screws
 - Six 5 mm Phillips #000 screws

Step 6



- Flip the device and open the lid so that the keyboard is facing upwards.
- Use an opening tool to lift the keyboard assembly slightly.

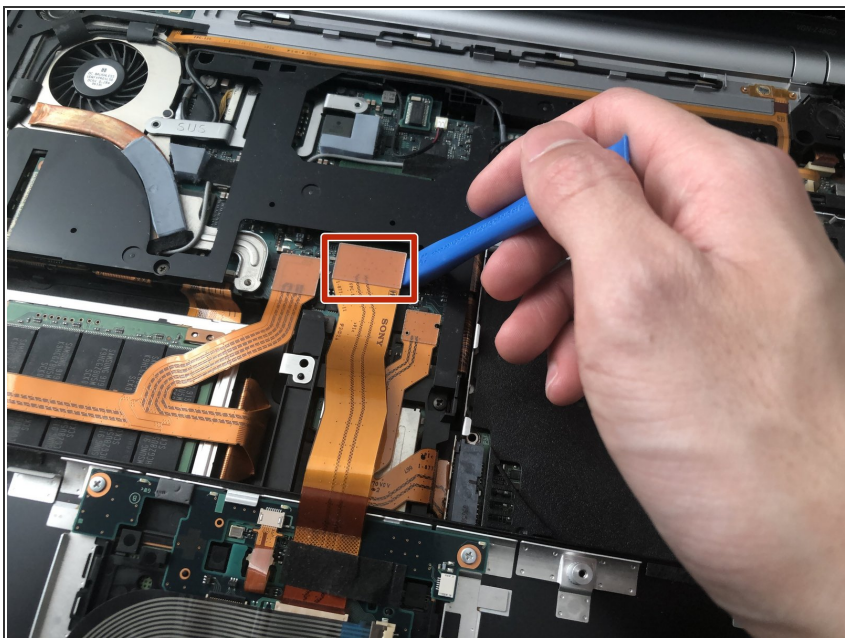
⚠ Make sure you don't lift the keyboard assembly too much as there is a ribbon cable in between.

Step 7



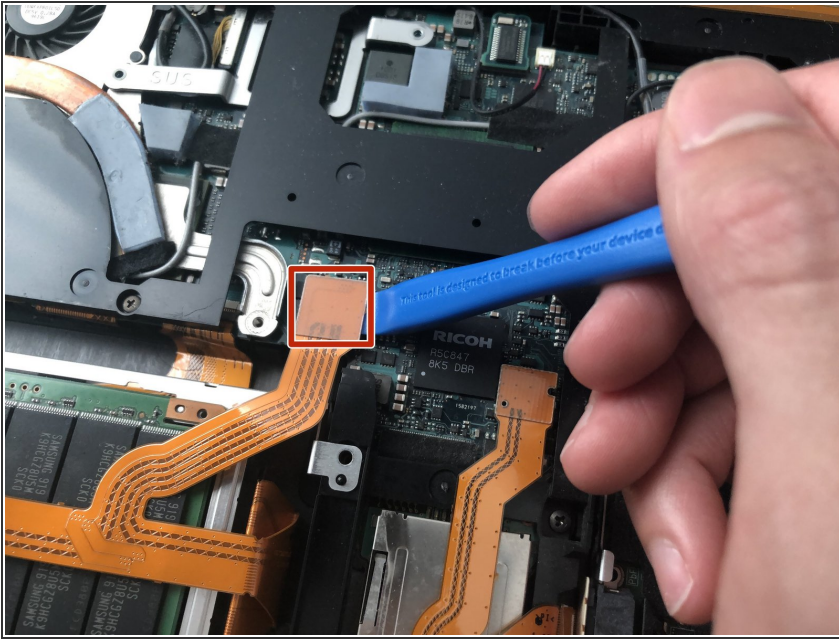
- Flip the keyboard assembly towards you.

Step 8



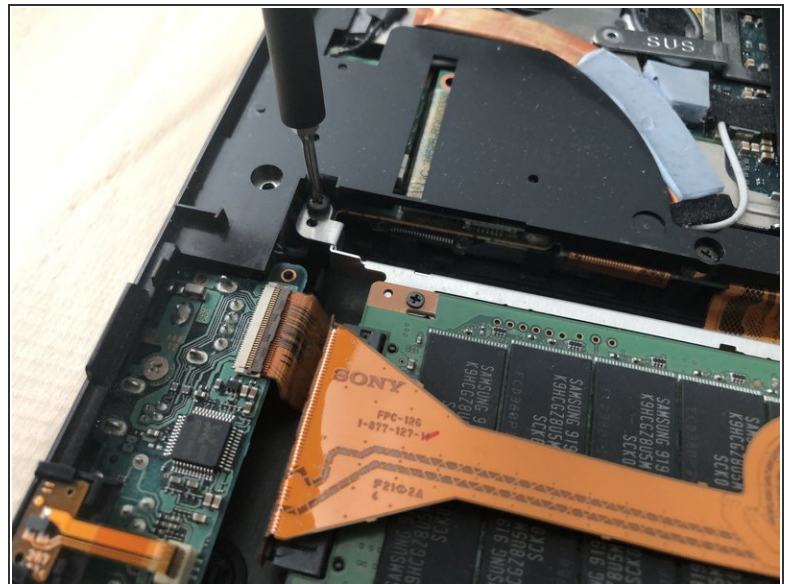
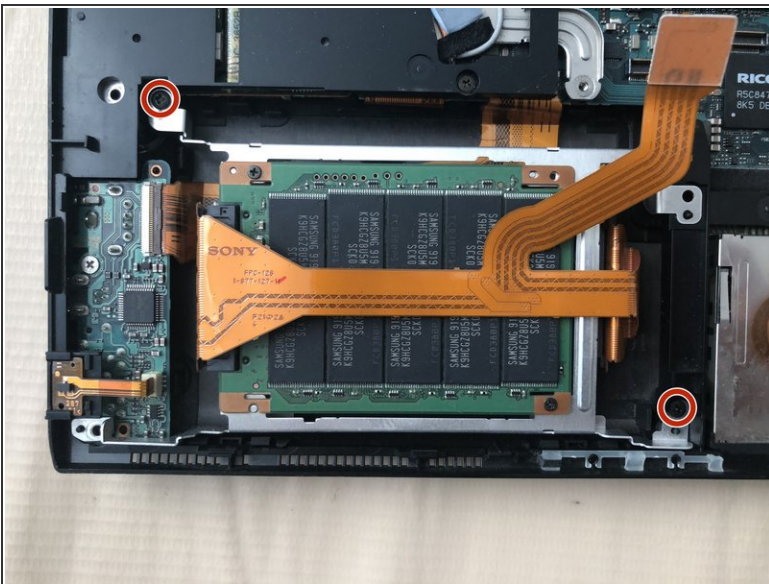
- Use an opening tool to pry the keyboard assembly connector up from its socket on the motherboard.
- Remove the keyboard assembly.

Step 9



- Use an opening tool to pry the uSATA ribbon cable connector up from its socket on the motherboard.

Step 10



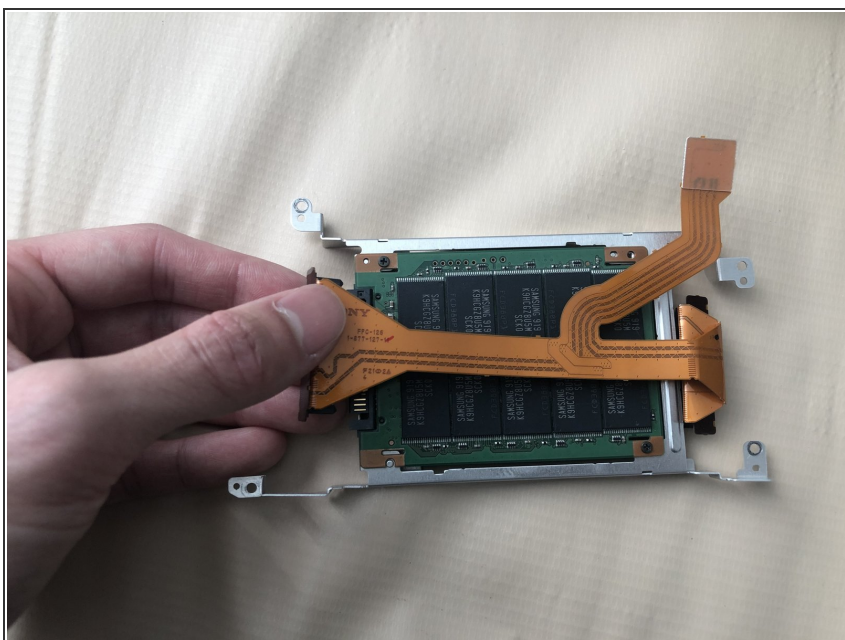
- Remove two 13 mm screws from the SSD bracket using a Phillips #000 screwdriver.
- Remove the SSD bracket.

Step 11



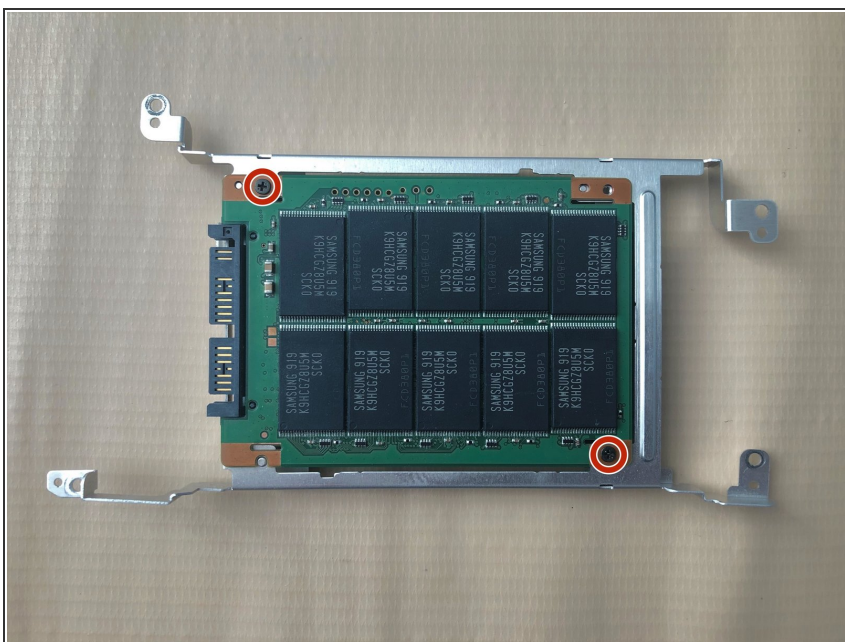
- Flip the SSD bracket.
- Use your hand to disconnect the uSATA connector on the right.

Step 12



- Flip the SSD bracket.
- Use your hand to disconnect the uSATA connector on the left.
- Remove the uSATA ribbon cable.

Step 13



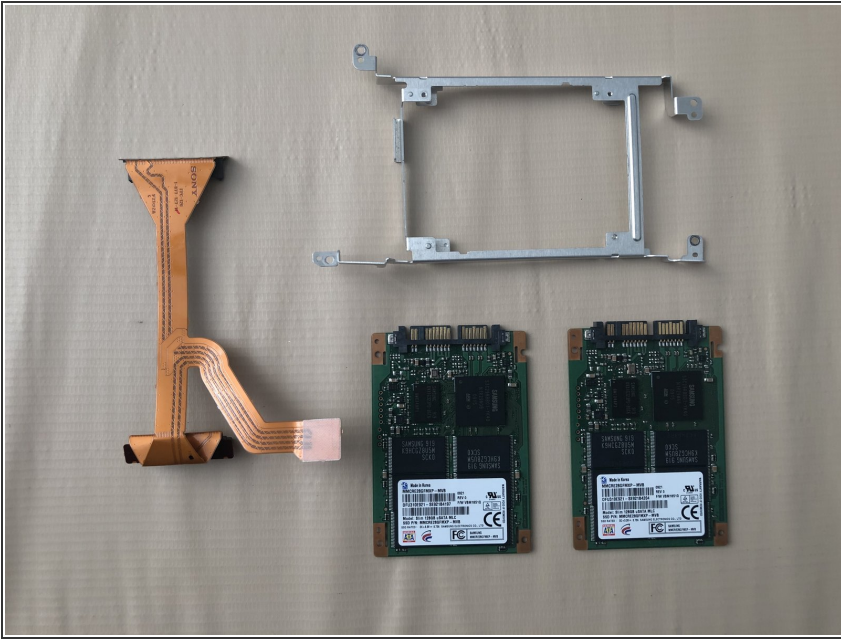
- Remove two 2 mm Phillips #00 screws.

Step 14



- Flip the SSD bracket.
- Remove two 2 mm Phillips #00 screws.

Step 15



- Take out the SSDs from the bracket.

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