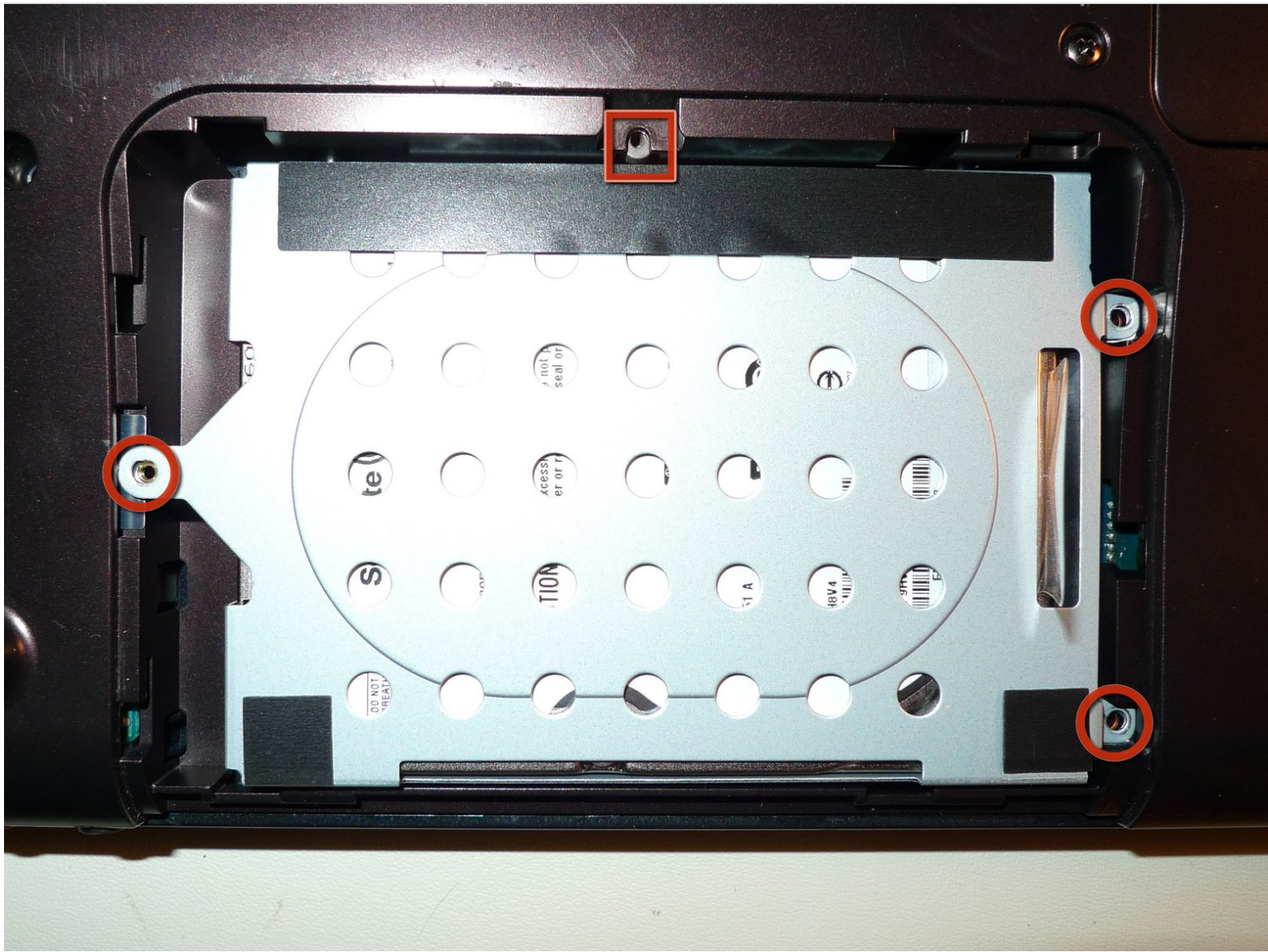




Disassembling Sony Vaio VGN-FW 590 Audio USB Board

A brief look at the steps to remove the bottom laptop cover of a Sony Vaio VGN-FW to get to the motherboard and replace a faulty Audio/USB Board (M760) or to simply blow out the dust from the fan and heatsinks.

Written By: Artem Nikulkov



INTRODUCTION

This a simple process requiring only a small Phillips screwdriver and a slim flathead.

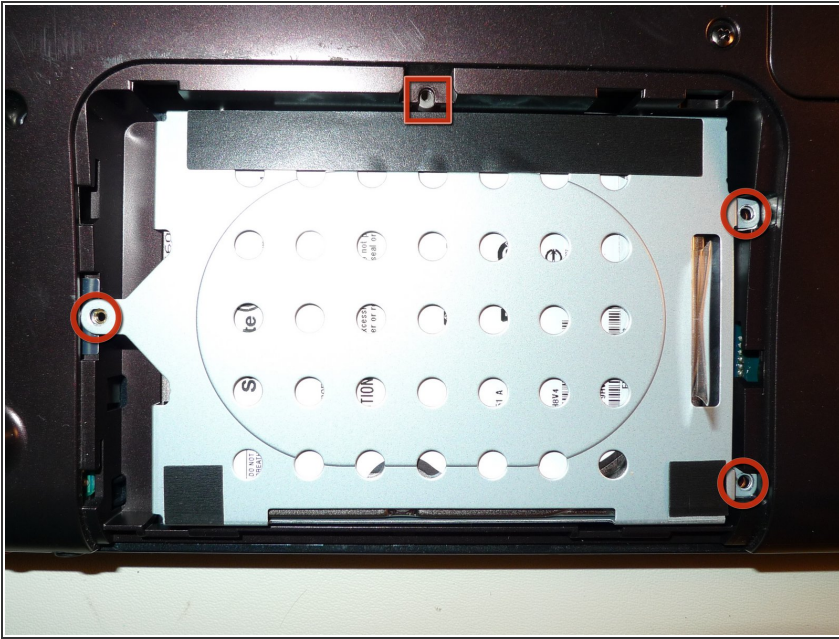
Note: A few trays for the screws, a wristband and an anti-static surface mat are ideal for safe handling of sensitive electronics.



TOOLS:

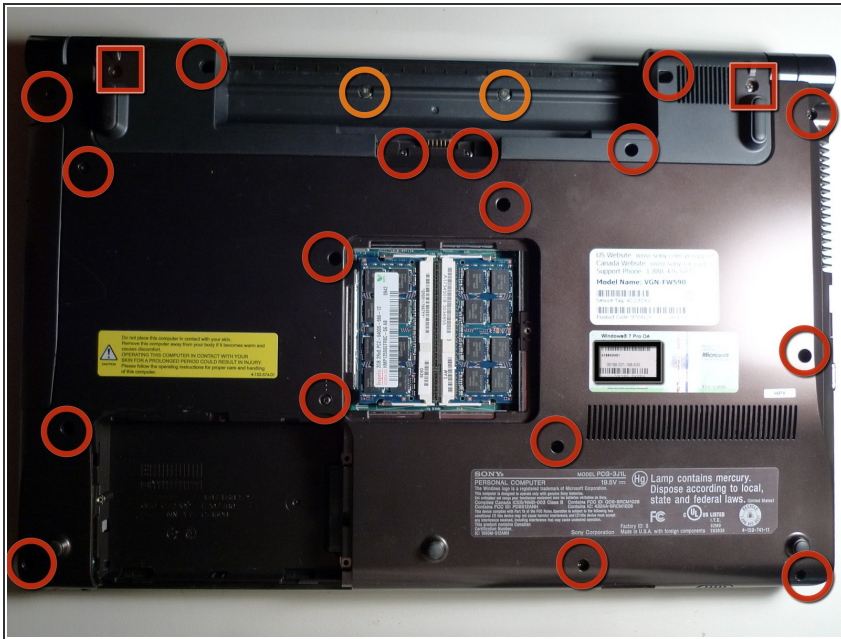
- [Anti-Static Wrist Strap](#) (1)
 - [Common Sense](#) (1)
 - [Compressed Air](#) (1)
 - [Phillips #2 Screwdriver](#) (1)
 - [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)
 - [Tray](#) (1)
-

Step 1 — Audio USB Board



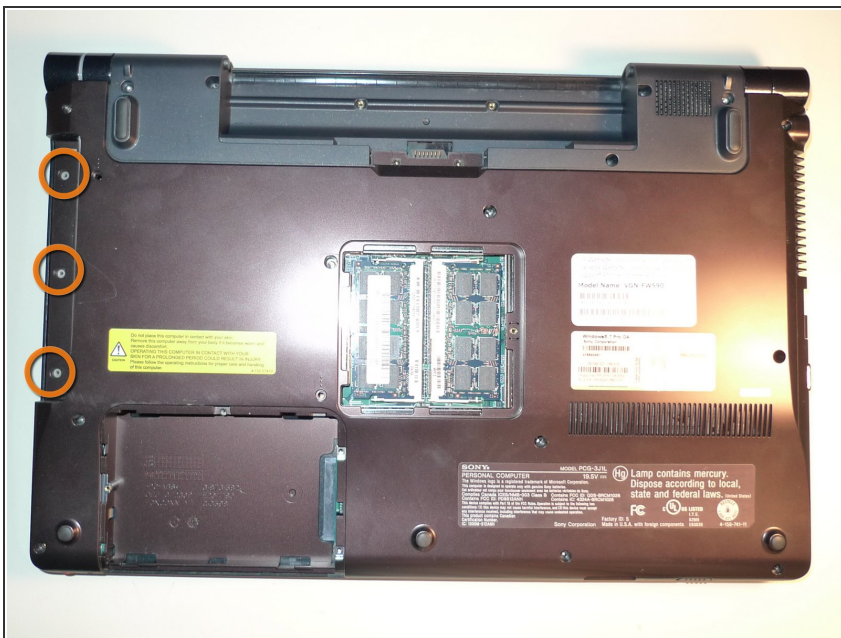
- - Remove battery.
- - Remove memory tray door (1 Screw).
- - Remove hard drive door (1 Screw).
- - Remove hard drive (3 Screws).

Step 2



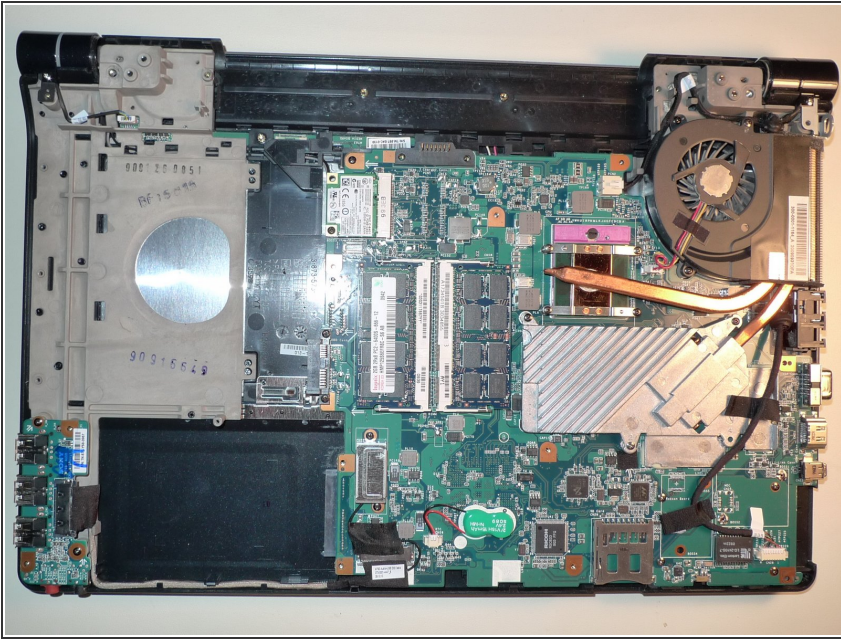
- - Remove all screws from the bottom cover. There are three types of screws. Marked here with Red Circles, Red Squares and Orange Circles.

Step 3



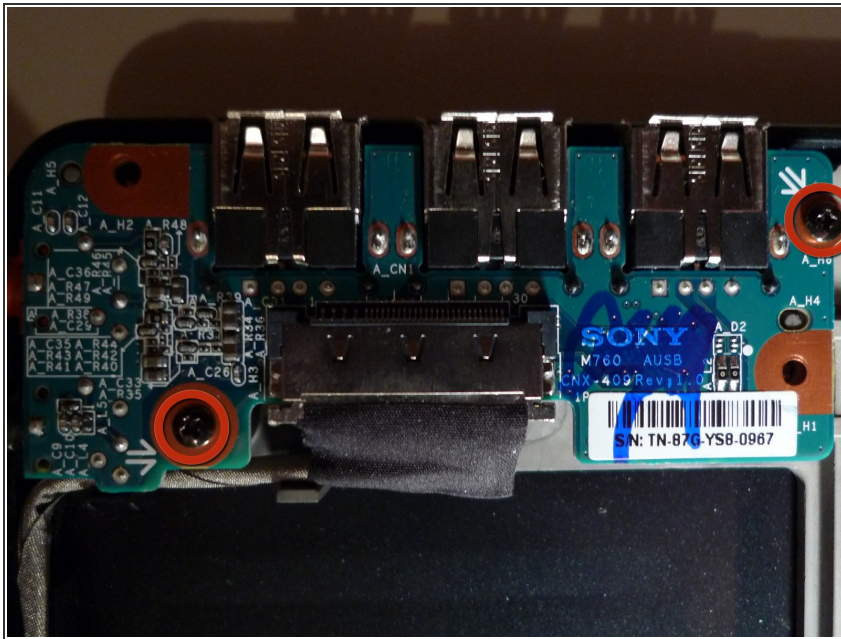
- - Remove CD/DVD Drive by sliding it out.
- - Remove three more screws, which were hiding under the DVD drive.

Step 4



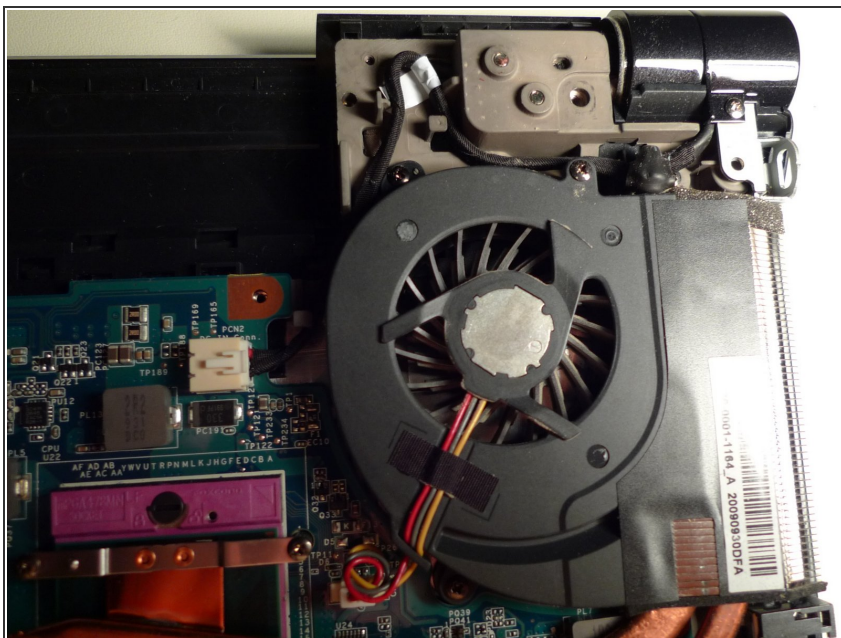
- - Carefully remove the cover, by unpopping it with a slim flathead, slide it out away from the RJ-45, HDMI and VGA ports.

Step 5



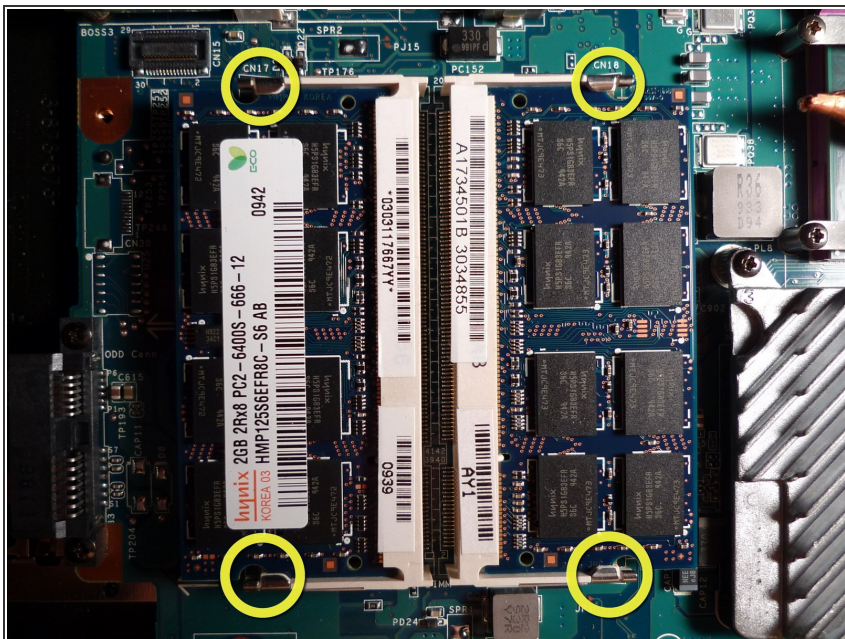
- - The audio/usb interface card is now within reach. Just remove the two screws and carefully slide out the flat connector to remove the card.

Step 6



- - Fire up the air compressor and blow out dust from the fan and heatsinks.

Step 7



- - If you are replacing your RAM, simply unpop the four latches and slide out the memory sticks.

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