

## The Laptop Disassembly Guide

This guide is to provide some help for those who want to disassemble their laptop. You have to be sure that the problem you face is from the hardware, and that your laptop is not under warranty, since that laptop disassembly void warranty. Search on the net for service manuals some are free and other cost around 6\$. Not find your model? download some free service manual from different brands and read them many steps are the same in laptop disassembly. But I do recommend to find the manual that fit your laptop because you may need to know the part number of the defective part to change it. Now you have to prepare a clean working area with small box for the different parts and their screws, and maybe a pen and a paper to remember particular step. To disassemble the computer, you need the tools below: Wrist ground strap and conductive mat for preventing electrostatic discharge

Small Phillips screw driver

Flat head screw driver

Hexagonal driver

Tweezers  
NOTE: The screws for the different components vary in size. During the disassembly process, group the screws with the corresponding components to avoid mismatch when putting back the components. When you remove the stripe cover, please be careful not to scrape the cover. In most of laptop you can actually access by the base to these bays: battery

memory

hard disk  
Remove them all, to remove the optical disk just release the screw securing the optical disk module, push the ODD module using a screwdriver and remove the ODD module from the main unit. After that look on the keyboard area to find how to remove the keyboard for example with an Acer aspire 5100, you have to remove the middle cover from the edge of the middle cover and carefully detach the middle cover, then you just have to release the two screws securing the keyboard plate and carefully detach the keyboard plate from the edge of the keyboard plate finish by release the keyboard FFC lock carefully because it is fragile. Then remove the keyboard plate. After that you can either disassemble the LCD module or try to access the motherboard. For the LCD module carefully disconnect the LCD cable and any other cable that you can see, release any screws holding the LCD module on the bottom side of the main unit, release any other screws securing the LCD hinges on the main unit, then detach the LCD module from the main unit. For the motherboard every model are different then you have to explore by yourself, but not forget to read some service manuals before.

## About the Author

An international company dedicated to the design, manufacture, and distribution of lasers, optics, optical systems, and accessories.

Source: <http://www.productsherbal.com>