



ASUS D550MA-DS01 Keyboard Module Replacement

This guide will help you remove the keyboard from your Asus laptop.

Written By: redacted



INTRODUCTION

If your keyboard has stopped working or if you need to get inside of your laptop for other repairs, use this guide to remove the keyboard. Removing the keyboard is the first step to disassembling your laptop and the primary prerequisite for all tasks.



TOOLS:

- [Phillips #1 Screwdriver](#) (1)
 - [Spudger](#) (1)
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Step 1 — Keyboard Module



i Before you begin, be sure to turn off your laptop and unplug it from the outlet.

- Use a Philips #1 screwdriver to remove the nine screws from the back cover.

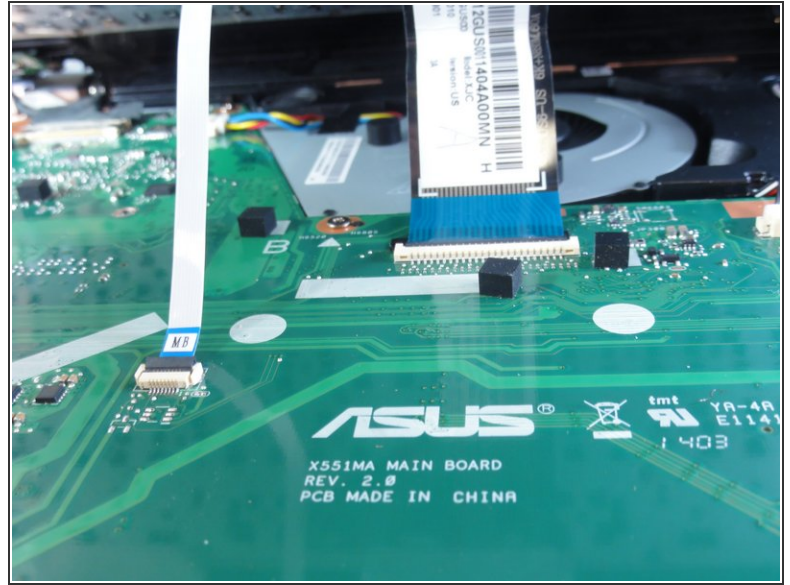
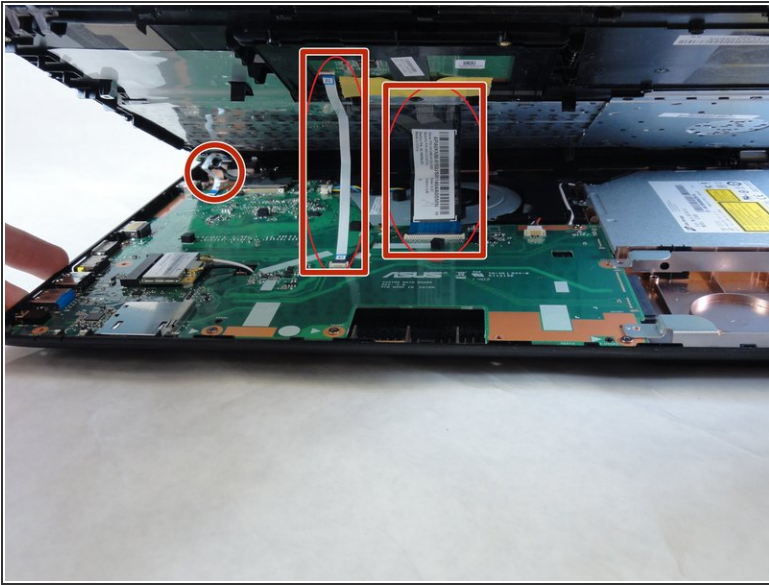
Step 2



- Turn the laptop over and open the display.
- Insert the flat edge of the spudger into the crease of the keyboard cover.
- While the spudger is in the crease, carefully pry open the casing by sliding the spudger along the edge.

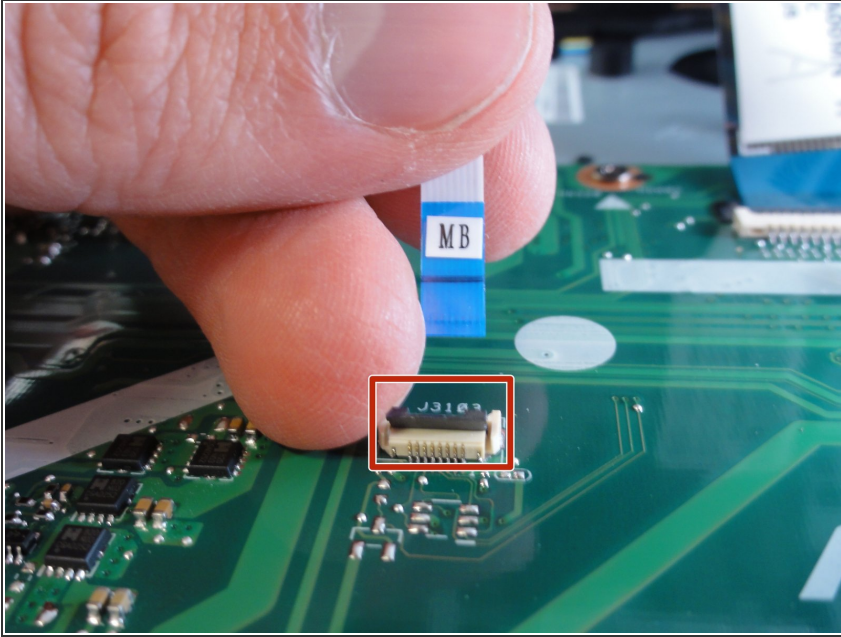
! Do not use excessive force to pry open the lid. You should hear each plastic clip snap open as you run the spudger along the edge.

Step 3



- ❗ Make sure that the entire cover has been released from the plastic clips.
- Slowly lift the cover open from the front of the laptop, but do not completely remove it.
- Note the locations of the three white and blue data cables connecting to the keyboard to the computer's main board.

Step 4



- ⓘ If you are only replacing the battery, you can skip this step and the next. Shift the keyboard module away from the display and set it such that the fragile flex cables are not strained.
- Disconnect the three data cables from the motherboard.
- ⓘ To unlock a [ZIF connector](#), use the tip of a spudger or your fingernail to flip up the small, hinged locking flap. Carefully slide the unlocked cable out of the socket.

Step 5



- Remove the fully disconnected keyboard module from the laptop.

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