



Lenovo Laptop T400 Motherboard Replacement

Allow you to replace parts like keyboard, RAM or fan for uprocessor, GPU.

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INTRODUCTION

Detailed steps to dissassemble to the logic board, then usefull pictures for rest of guide. (remember to add new thermal compound if you need to remove/replace fan assembly on processor and GPU)

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Spudger](#) (1)
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Step 1 — Motherboard



- recommend to print out picture of the backside of the laptop and then use it as a template to place the screws on. They are many and different sizes.
- Remove all bottom screws and place on template printout.

Step 2



- Remove DVD drive. Toggle the "play triangle" switch so that the tab extends. Pull the tab to remove the DVD drive.
- Remove hard drive

Step 3



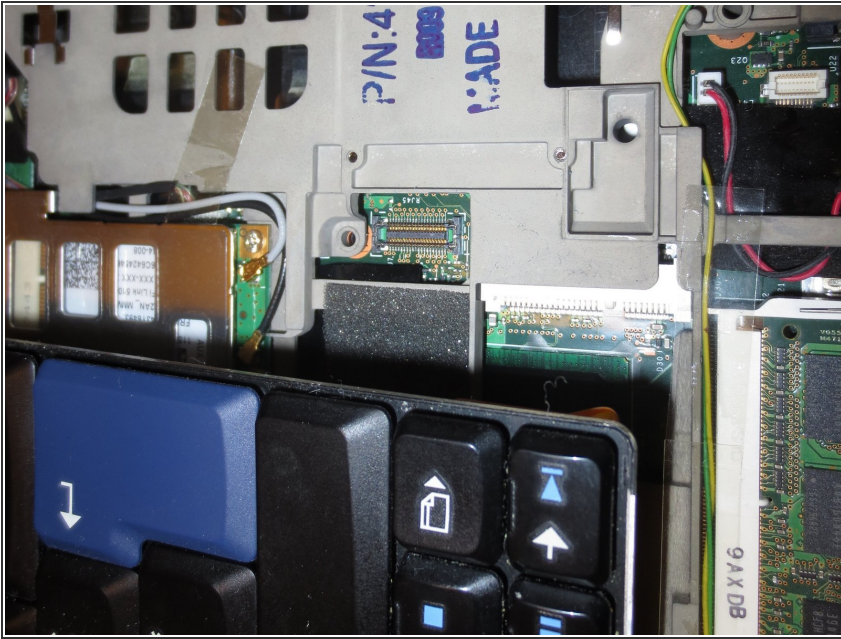
- unsnap touchpad left and right.
- lift up touchpad carefully, and disconnect touchpad.

Step 4



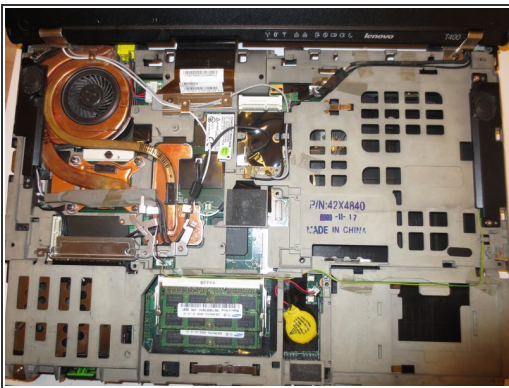
- Pull keyboard gently toward yourself. and then lift up until flex is visible.
- use spudger to disconnect connector for keyboard.

Step 5



- The rest of the guide is mostly helpful pictures...
- Remove WLAN module by
 - unplug carefully with spudger the two RF connectors to WLAN module.
 - remove the two screws holding wlan module.
 - lift up module 45 degrees and pull outwards.

Step 6



- useful images showing most of main assembly.
- Removing RAM modules is useful if the whole logic board needs to be taken out.
- From here on, unscrew everything - carefully note where screws belong. I used iFixit magnetic mat and some note making.

Step 7



- one more image to help you

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