



Lenovo ThinkPad T400 Motherboard Replacement

In this guide I will show you how to replace your ThinkPad T400 motherboard using only a Philips screwdriver.

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This document was generated on 2019-10-31 03:48:04 PM (MST).

INTRODUCTION

The pictures in this guide show the ATI dGPU model, but others should be almost identical.

TOOLS:

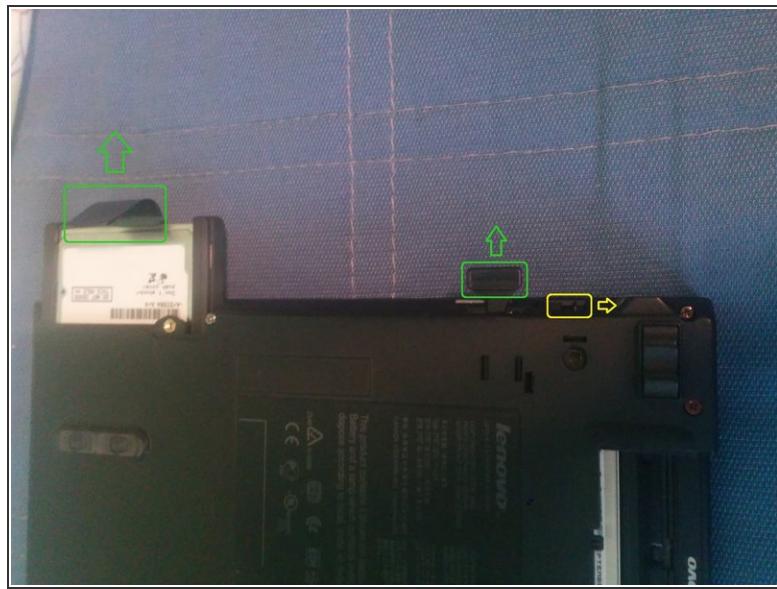
- Mako Driver Kit - 64 Precision Bits (1)

Step 1 — Removing the battery



- Start with the bottom of the laptop facing you. Pull the small tab that is marked by the padlock icons in the direction shown by the red arrow.
- At the same time, pull the battery out in the direction shown by the yellow arrows.

Step 2 — Removing the 2.5" and Ultrabay drives



- Unscrew the 2 small Phillips screws that hold the 2.5" bay cover and the Ultrabay slider in place.
- The 2.5" bay cover should now come loose, so pull it out. Under the ultrabay drive, you will find a small slider. Slide it in the direction shown in yellow and a tab should pop out.
- Pull both the 2.5" and the Ultrabay drives by their respective tabs, shown in green.



The Ultrabay tab can easily snap off if left pulled out, so push it back in after you remove the drive.

Step 3 — Removing the palmrest and keyboard



- In order to remove the palmrest and the keyboard, you need to undo 5 long Phillips screws. They are marked on the case with small embossed keyboard symbols, and are circled in red here.

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