



Lenovo ThinkPad T420s Palm Rest Replacement

If you are experiencing problems with your...

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INTRODUCTION

If you are experiencing problems with your speakers or touchpad, you can replace these parts by replacing the entire palm rest component of your laptop.

TOOLS:

[Metal Spudger](#) (1)
[Phillips #0 Screwdriver](#) (1)

PARTS:

[Lenovo ThinkPad T420S Upper Case Assembly](#) (1)

Step 1 — Keyboard



- Flip your laptop over so the bottom is facing up.
- Remove the memory panel by removing two black 5mm screws using the Phillips #0.
- Remove the memory panel.

Step 2



- Remove the two 5mm screw using the Phillips #0 screwdriver.
- Flip the laptop back over and open it.

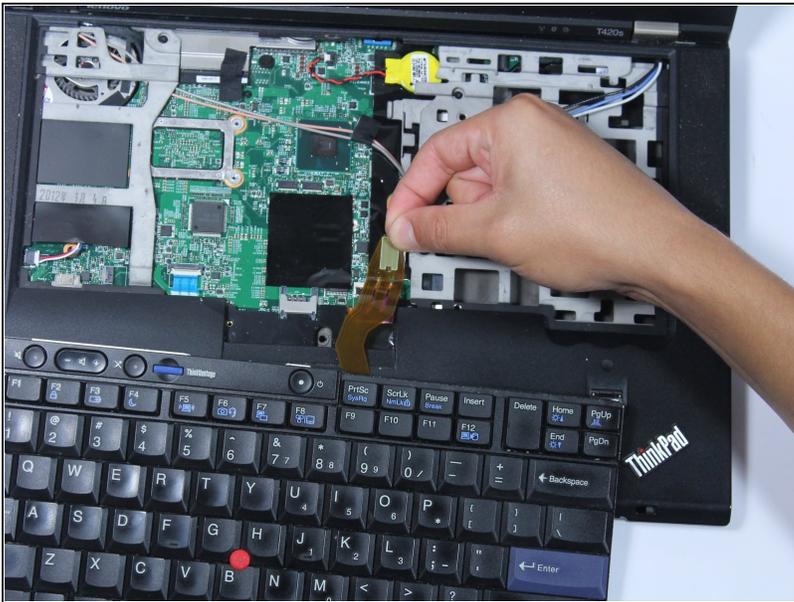
Step 3



- Gently push down on the keyboard and slide it towards the screen. This will pop the bottom of the keyboard out of the casing.
- ⓘ The best place to push is on the frame of the keyboard by the power button.
- Using the metal spudger, lift and slide out the keyboard.

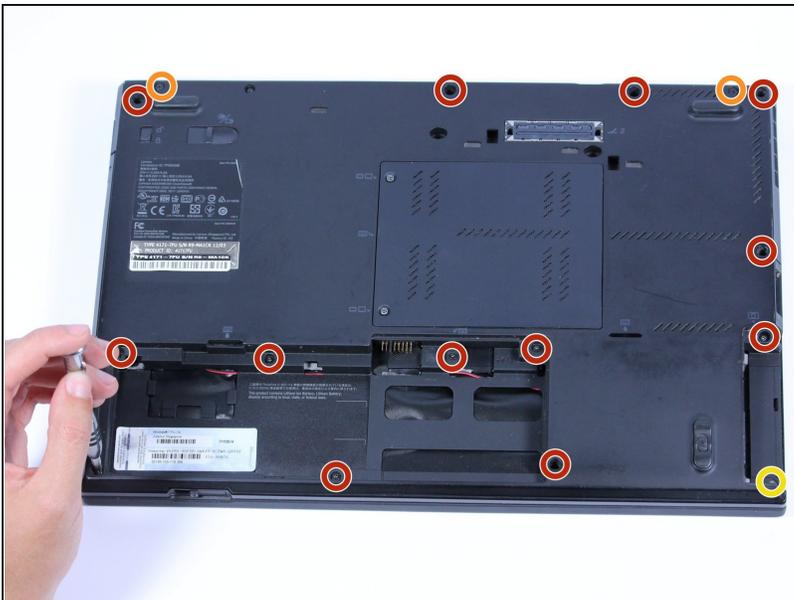
⚠ When lifting the keyboard do not remove it completely because a cable will still be connected to the laptop.

Step 4



- Remove the orange cable by lifting up on the tab on the end of the ribbon connection.

Step 5 — Palm Rest



- Remove the additional thirteen 5 mm screws with your Phillips #0 screwdriver.
- Remove the two 2.5 X 5 mm screws from the back of your laptop.
- ⓘ 2.5 X 5 mm screws are slightly larger than the 5 mm screws.
- Remove the 3 mm screw from the back of the laptop using the same screwdriver.

Step 6



- Disconnect the black and gray antenna cable connectors in the memory panel on the back of the laptop.
- Remove any plastic wraps on the blue, white, and tan wires.

Step 7



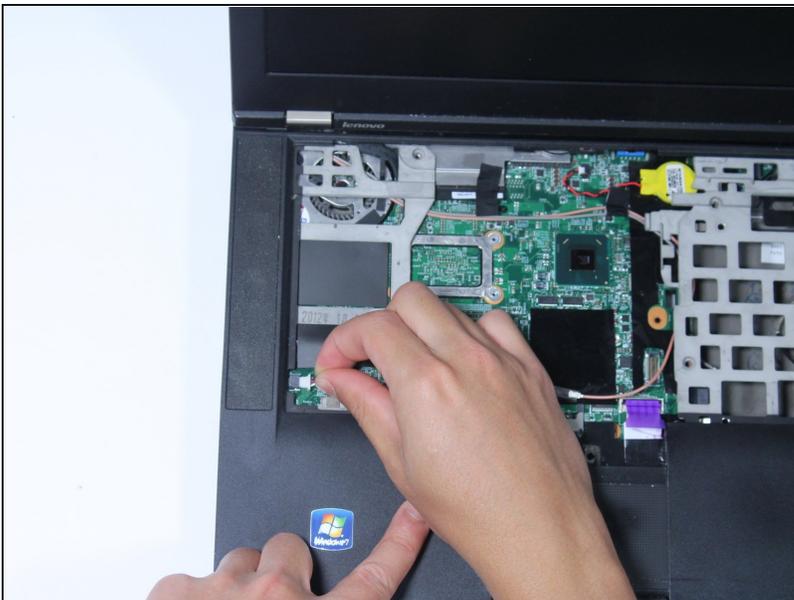
- Flip the laptop back over and pull all the wires from the previous step through to the top side.

Step 8



- Remove the three 5mm screws holding the palm rest casing in place using the Phillips #0.

Step 9



- Unplug the red, white, and blue bunch of wires.

Step 10



- Lift up the black retaining flap holding the purple ribbon cable in place, and carefully slide out the ribbon.

Step 11



- Remove the top casing by lifting up and sliding out.
- ⚠ Be careful when sliding the casing out as some of the casing is still underneath the screen; some wiggling may be required, but do not force it.

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