



Lenovo ThinkPad T420s Power Jack Replacement

ThinkPad not charging correctly? Replace the power jack.

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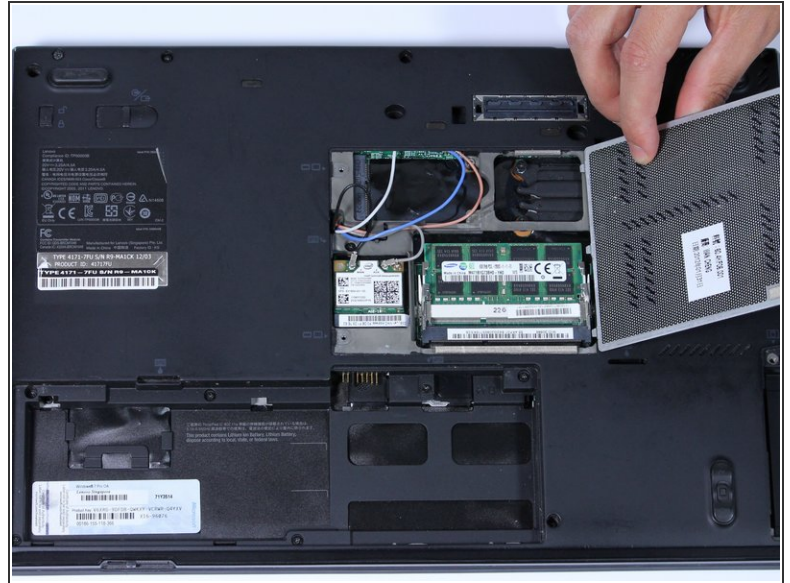
INTRODUCTION

If your laptop is not charging correctly you can replace the power jack using this guide.

TOOLS:

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



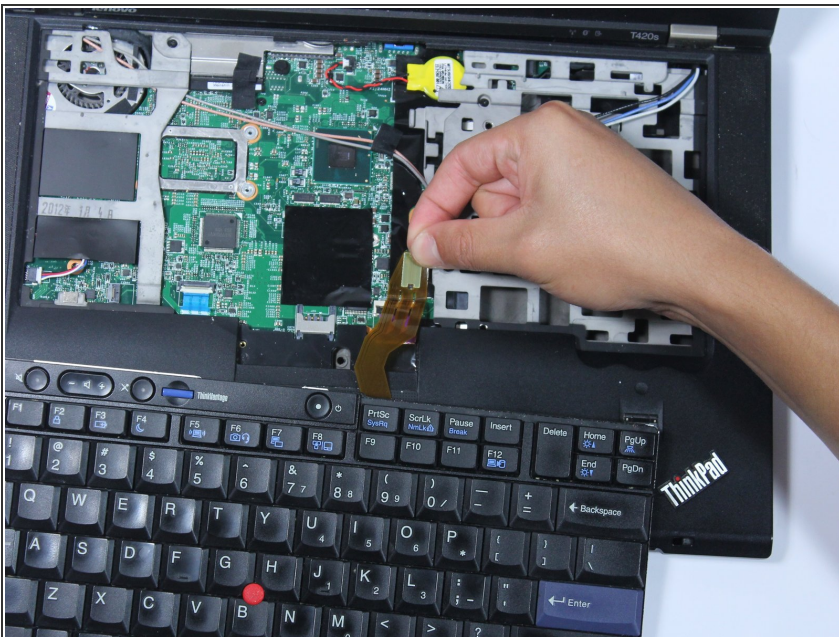
- Remove the two 5mm screw using the Phillips #0 screwdriver.
- Flip the laptop back over and open it.

Step 3



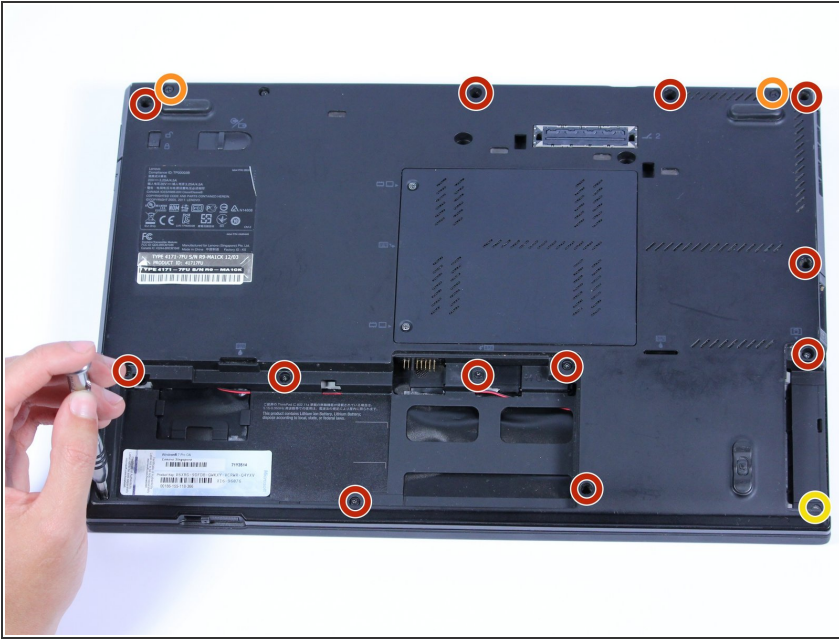
- Gently push down on the keyboard and slide it towards the screen. This will pop the bottom of the keyboard out of the casing.
- ⓘ The best place to push is on the frame of the keyboard by the power button.
- Using the metal spudger, lift and slide out the keyboard.
- ⚠ When lifting the keyboard do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



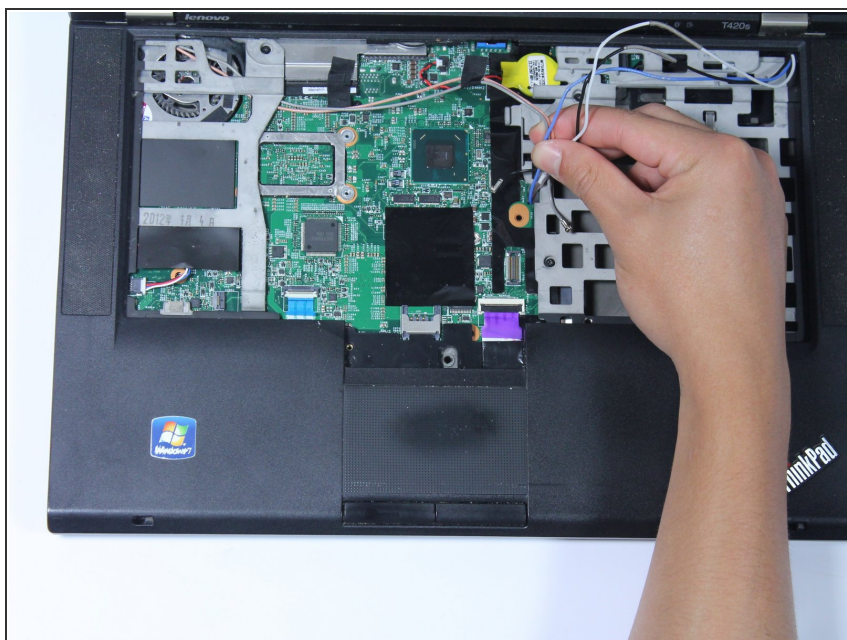
- Remove the additional thirteen 5 mm screws with your Phillips #0 screwdriver.
- Remove the two 2.5 X 5 mm screws from the back of your laptop.
- ❗ 2.5 X 5 mm screws are slightly larger than the 5 mm screws.
- Remove the 3 mm screw from the back of the laptop using the same screwdriver.

Step 6



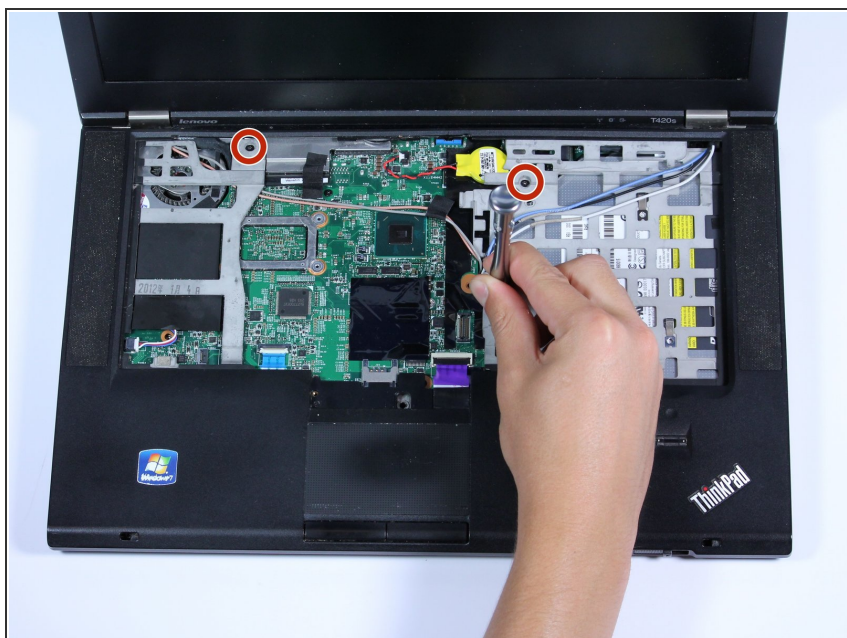
- Disconnect the black and gray antenna cable connectors in the memory panel on the back of the laptop.
- Remove any plastic wraps on the blue, white, and tan wires.

Step 7



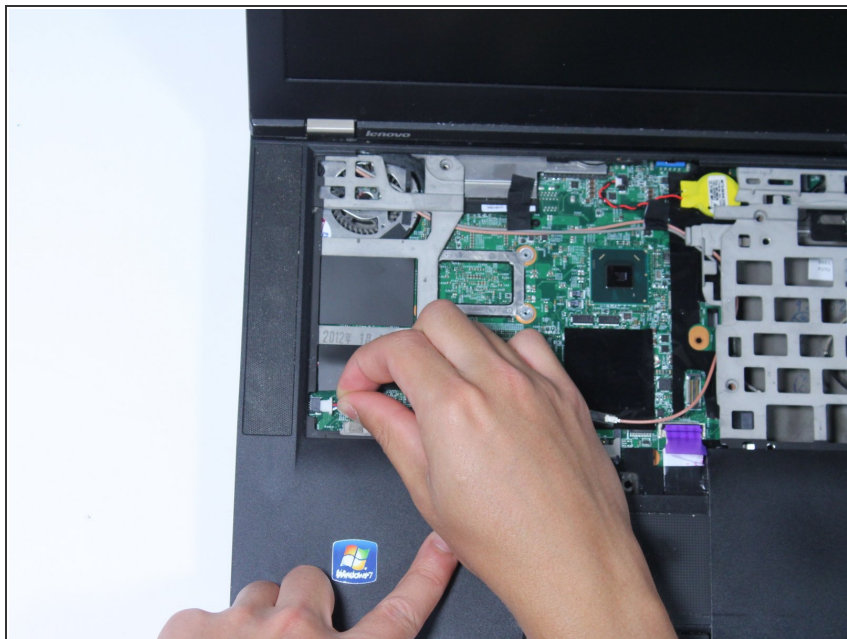
- Flip the laptop back over and pull all the wires from the previous step through to the top side.

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



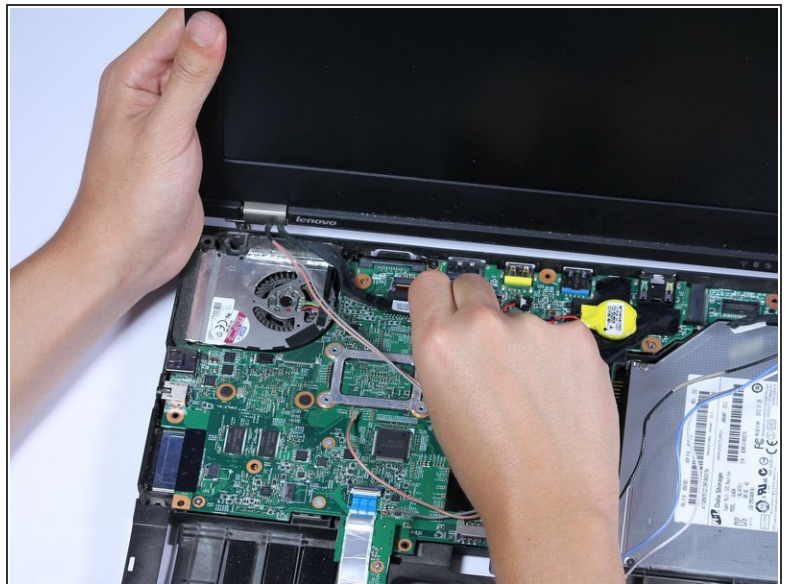
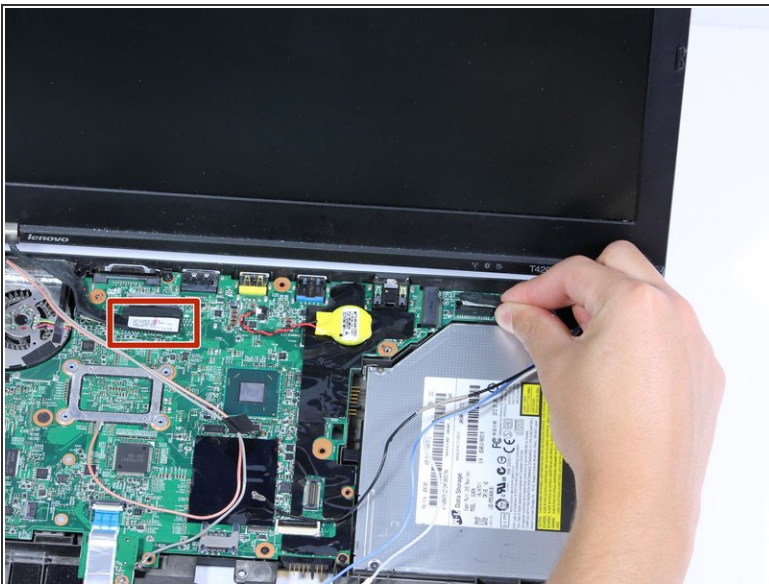
- Lift up the black retaining flap holding the purple ribbon cable in place, and carefully slide out the ribbon.

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.

Step 12 — LCD



- Unplug the two black cables that connect the screen to the motherboard.

Step 13



- Flip your laptop so the back-side is facing towards you.
- Remove any black stickers covering the screws using the nylon or metal spudger.
- Remove the two 7mm screws using the Phillips #0 screwdriver.

Step 14



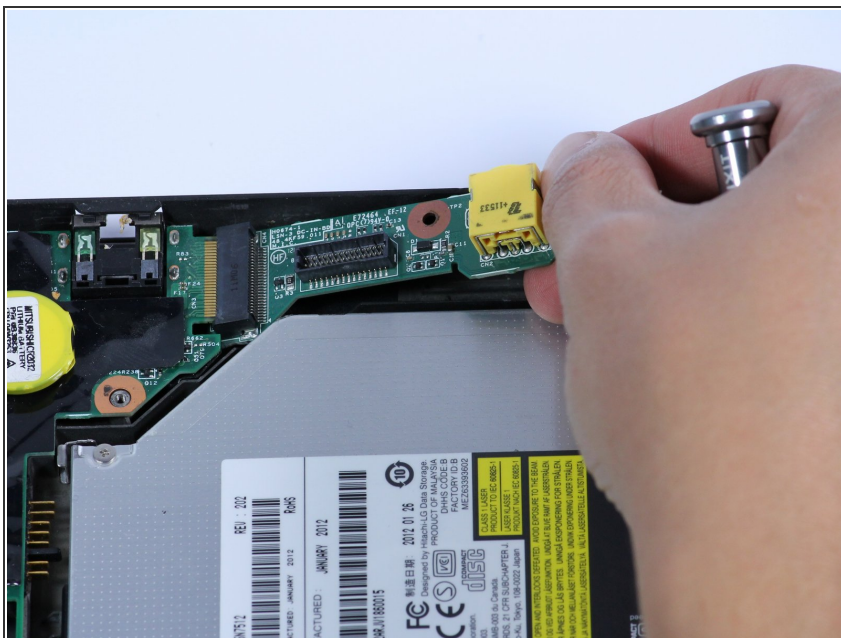
- Remove the LCD screen unit by holding the sides and lifting it upwards.

Step 15 — Power Jack



- Remove the 3mm screw next to the power jack using the Phillips #0.
- ❗ Once the screw is removed, the power jack should pop up.

Step 16



- Lift the power jack and slide to the right to remove.

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