Lenovo IdeaPad G50-45 Keyboard Replacement

This guide outlines how to replace a broken keyboard on a Lenovo IdeaPad G50-45 laptop.

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INTRODUCTION

This guide provides instructions to diagnose and replace a faulty keyboard on a Lenovo IdeaPad G50-45 series laptop.

The keyboard is used as the primary text entry interface between the user and electronic device. The keyboard functions to take mechanical input from the user and produce digital text on screen.

To determine if your keyboard is broken and needs replacing, check for the following conditions:

- Sticking keys
- Keys are difficult to press
- Some or all keys fail to respond by not producing text on screen
- Keys detach and will not stay in place

If you have determined that any one or combination of the above are present, your laptop will require a replacement keyboard. This may seem daunting, however, due to the simple design of Lenovo's Essential line of laptops, repairs are relatively straight forward and easy to complete with step-by-step instructions.

Before beginning the step-by-step keyboard replacement process, be sure to disconnect the laptop from any power source and remove the battery to avoid damage to the electronics.
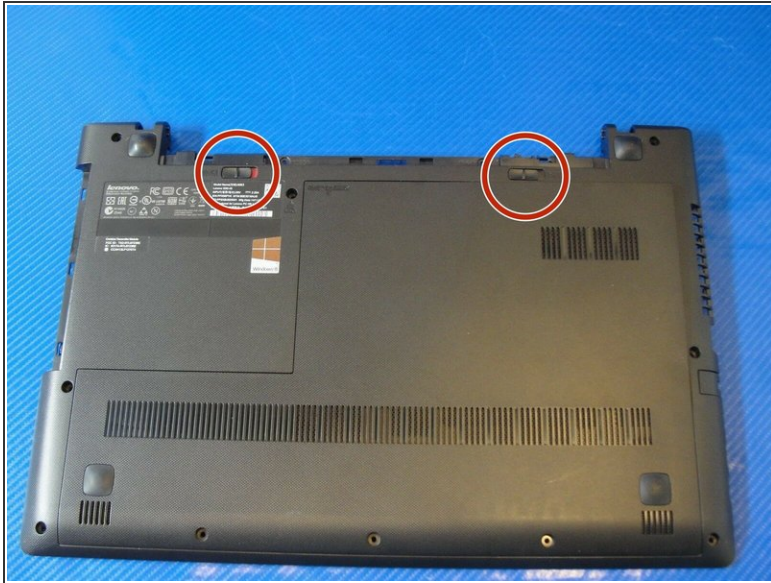
TOOLS:
- Phillips #2 Screwdriver (1)
- Metal Spudger (1)

PARTS:
- Lenovo G50-45 Keyboard (1)

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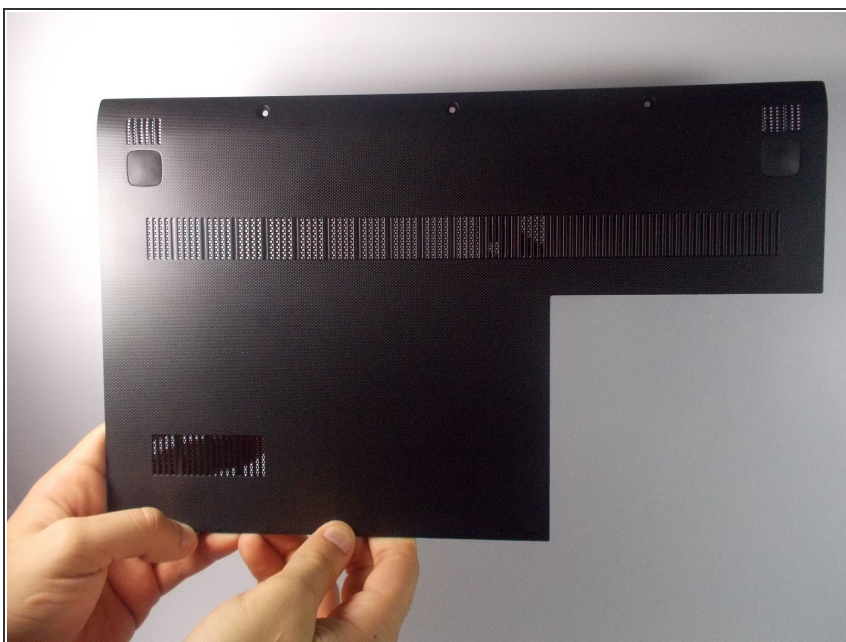
Step 1 — Keyboard

- Slide the two locking tabs away from each other to unlock the battery.

- Remove the battery from the laptop once it is unlocked to prevent any electrical damage.

Step 2

- Locate the three M2x6 screws on the bottom of the laptop base.

- Use the #2 Phillips screwdriver to loosen and remove each screw.
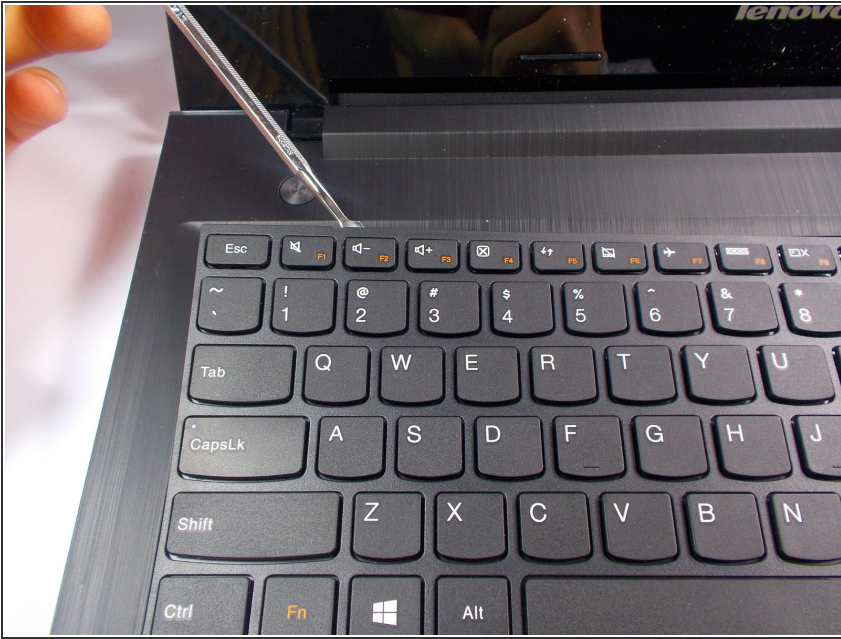
Step 3

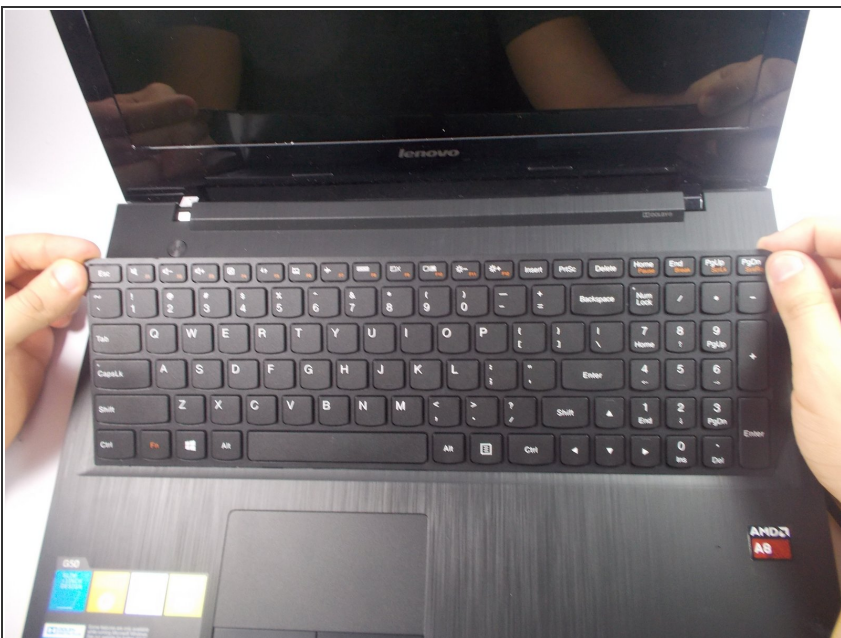- Slide the cover off and remove from the base.

Step 4

- Locate the three M2x6 screws that secure the keyboard in place.

- The screws are labeled with a keyboard emblem.

- Loosen and unscrew the three M2x6 screws with the #2 Phillips screwdriver.

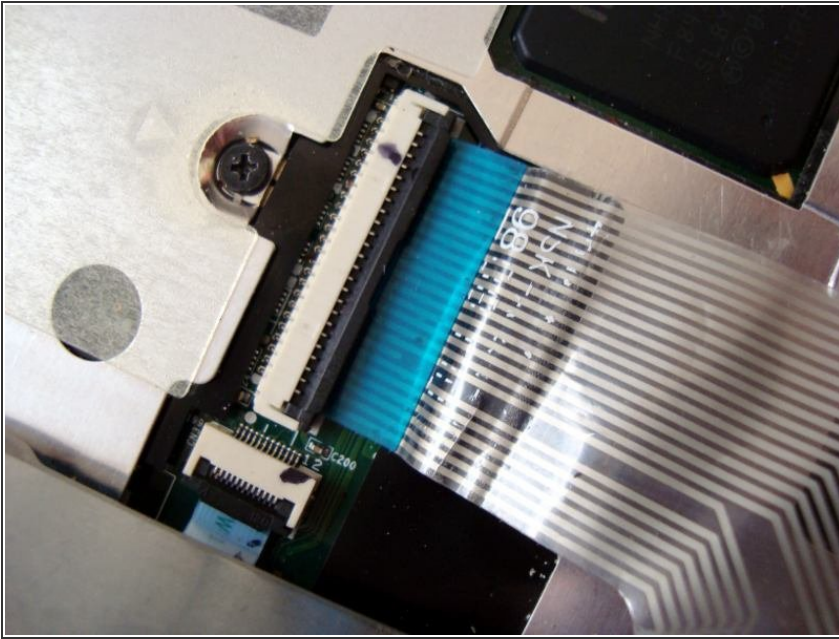This document was generated on 2020-02-13 06:13:31 AM (MST).

Step 5

- Turn the laptop right side up once the screws that secure the keyboard to the base have been removed.

- Pry around the keyboard to loosen it apart from the laptop with the spudger, beginning at the top left corner.

- You will hear audible "clicks" as the keyboard is separated from the base.

Step 6

- Lift the top of the keyboard up and forward once the top of the keyboard has been released.

- Be VERY careful to remove the keyboard only a few inches to not damage the connecting ribbon cable.
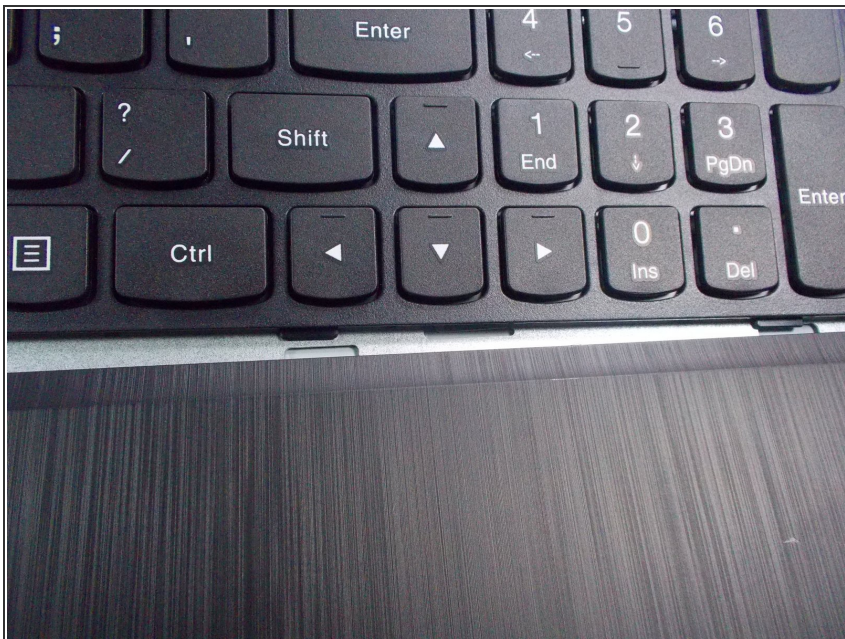
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Step 7

- Lift the black locking tab with the spudger to release the connecting ribbon cable.

- Disconnect the ribbon cable by pulling it straight out.

- Be careful to not damage the ribbon cable with the spudger.

Step 8

- Remove the keyboard after the ribbon cable is disconnected.

Step 9

- When installing the replacement keyboard, first insert the bottom of the keyboard into the three slots of the base.

- Complete the keyboard installation by pressing down on the top of the keyboard until you hear the clips snap back into place.

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

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