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› KBRPARTS Replacement Backlit US Layout Keyboard for Dell Inspiron 15 and Latitude 3510 Series Laptops User Manual

## **KBRPARTS Inspiron 15 3501, 3502, 3505, 5501, 5502, 5508, 5584, 5590, 5593, 5594, 5598, 7500, 7501, 7590, 7591; Latitude 3510**

# **KBRPARTS Replacement Backlit US Layout Keyboard User Manual**

For Dell Inspiron 15 and Latitude 3510 Series Laptops

Brand: KBRPARTS | Model: Inspiron 15 3501, 3502, 3505, 5501, 5502, 5508, 5584, 5590, 5593, 5594, 5598, 7500, 7501, 7590, 7591; Latitude 3510

## **INTRODUCTION**

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This manual provides essential information for the installation, operation, and maintenance of your KBRPARTS replacement backlit US layout keyboard. Please read these instructions carefully before proceeding with installation or use to ensure proper function and longevity of the product.

## **COMPATIBILITY INFORMATION**

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This replacement keyboard is compatible with the following Dell laptop series:

- Dell Inspiron 15 3000 Series: 3501, 3502, 3505
- Dell Inspiron 15 5000 Series: 5501, 5502, 5508, 5584, 5590, 5591, 5593, 5594, 5598
- Dell Inspiron 15 7000 Series: 7500, 7501, 7590, 7591
- Dell Latitude 3510 Series

Please verify your laptop model number to ensure compatibility before installation.

## **PACKAGE CONTENTS**

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The package contains the following item:

- 1x KBRPARTS Replacement Keyboard (Black, US Layout with Backlit)

## SETUP AND INSTALLATION

**Important:** Laptop keyboard replacement can be a complex procedure. It is highly recommended that installation be performed by a qualified technician. Incorrect installation may damage your laptop or the new keyboard. Proceed with caution and at your own risk if attempting self-installation.

### General Installation Guidelines:

1. **Preparation:** Power off your laptop completely and disconnect it from all power sources, including the AC adapter and any external peripherals. If your laptop has a removable battery, remove it.
2. **Disassembly:** Depending on your specific Dell model, keyboard replacement may require significant disassembly of the laptop chassis, including removal of the bottom cover, battery (internal), and palm rest assembly. Consult your laptop's official service manual for detailed disassembly instructions specific to your model.
3. **Old Keyboard Removal:** Carefully locate and disconnect the ribbon cable(s) connecting the old keyboard to the motherboard. Remove any screws, clips, or plastic rivets securing the old keyboard.
4. **New Keyboard Installation:** Position the new KBRPARTS keyboard into the designated slot. Ensure it sits flush and aligns correctly.
5. **Cable Connection:** Carefully connect the new keyboard's ribbon cable(s) to the corresponding connectors on the motherboard. Ensure the connections are secure and properly seated.
6. **Reassembly:** Reassemble your laptop by reversing the disassembly steps. Ensure all screws and components are correctly reinstalled.
7. **Testing:** After reassembly, connect the AC adapter and power on the laptop. Test all keys, including function keys and the backlight, to ensure proper operation.



Figure 1: Front view of the KBRPARTS replacement keyboard, showing the full US layout with numeric keypad.



Figure 2: Back view of the KBRPARTS replacement keyboard, highlighting the ribbon cable connector for motherboard attachment.

## OPERATING INSTRUCTIONS

### Keyboard Backlight Function:

This keyboard features a backlight. To control the backlight, use the designated function key combination on your laptop. Typically, this is achieved by pressing the **Fn** key simultaneously with a specific function key (e.g., **Fn + F10** or **Fn + F7**, depending on your Dell model). This combination usually cycles through different backlight brightness levels or turns the backlight on/off.

## MAINTENANCE

To ensure the longevity and optimal performance of your keyboard, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps. Avoid excessive moisture. For dust and debris between keys, use compressed air.
- **Avoid Spills:** Keep liquids away from the keyboard to prevent damage to internal components.
- **Gentle Use:** Avoid applying excessive force to the keys.
- **Storage:** If the keyboard is not installed immediately, store it in its original packaging in a dry, cool environment.

## TROUBLESHOOTING

If you encounter issues with your new keyboard, consider the following:

- **Keyboard Not Responding:**
  - Ensure the ribbon cable(s) are securely connected to the motherboard.
  - Restart your laptop.
  - Check Device Manager in Windows for any keyboard-related errors or outdated drivers.
- **Certain Keys Not Working:**
  - This often indicates an issue with the ribbon cable connection or potential damage during installation. Re-check the cable connection.

- Ensure no debris is lodged under the non-functional keys.

- **Backlight Not Working:**

- Ensure the backlight function is enabled via the Fn key combination (e.g., Fn + F10).
- Verify that the backlight ribbon cable (if separate) is properly connected.
- Check your laptop's BIOS/UEFI settings for keyboard backlight options.

- **Incorrect Key Output:**

- Verify that the correct keyboard layout (US Layout) is selected in your operating system settings.

If problems persist after attempting these steps, professional assistance may be required.

## SPECIFICATIONS

|                           |                                 |
|---------------------------|---------------------------------|
| <b>Layout</b>             | US Layout                       |
| <b>Color</b>              | Black                           |
| <b>Backlight</b>          | Yes (Single Color)              |
| <b>Material</b>           | Acrylonitrile Butadiene Styrene |
| <b>Item Weight</b>        | 8.4 ounces                      |
| <b>Package Dimensions</b> | 15.43 x 6.18 x 1.46 inches      |
| <b>Manufacturer</b>       | KBRPARTS                        |

## WARRANTY AND SUPPORT

For warranty information or technical support regarding your KBRPARTS replacement keyboard, please contact the manufacturer directly through their official channels or the retailer from whom the product was purchased. Keep your purchase receipt as proof of purchase.