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Grandview 7443

Grandview 7443 Amber/White Switchback LED Turn Signal Light Bulbs Instruction Manual

Model: 7443 (2P-7443)

PRODUCT OVERVIEW

This manual provides instructions for the Grandview 7443 Amber/White Switchback LED Turn Signal Light Bulbs. These bulbs are designed to replace standard 7443 and 7444NA incandescent bulbs in various automotive lighting applications, offering enhanced brightness and dual-color functionality.

PRODUCT SPECIFICATIONS

- **Base Type:** 7443
- **LED Type:** 5730 SMD
- **LED Quantity:** 20 LEDs
- **LED Color:** Amber/White Switchback
- **Voltage:** 12V
- **Power:** 0.27A @ 12V
- **Size:** 47x18mm (1.85 x 0.71 x 0.71 inches)
- **Color Temperature (White):** 6500-8000K
- **Lumens:** 400 Lumens
- **LED Lifetime:** 50,000 Hours
- **Beam Angle:** 360 degrees
- **Standards and Certifications:** CE/RoHS Compliant
- **Replaces Stock Bulb:** 7443, 7444NA
- **Applications:** Vehicle tail lights, brake lights, reverse lights, turn signals lights, and side marker lights.

INSTALLATION GUIDE

Follow these steps to install your Grandview 7443 LED Switchback bulbs. Ensure your vehicle's ignition is off and the lights are cool before beginning installation.

Step 1: Access the Bulb Socket

Locate the existing turn signal bulb housing in your vehicle. This often requires accessing the area behind the wheel well liner or from under the hood, depending on your vehicle model.

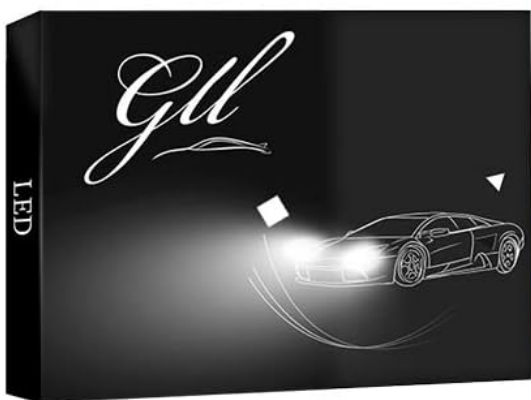


Image description: A pair of Grandview 7443 Amber/White Switchback LED Light Bulbs in their packaging, with examples of their white and amber light output.

Step 2: Remove the Old Bulb

Gently twist the bulb socket counter-clockwise to unlock it, then pull it out from the housing. Remove the old incandescent bulb by pulling it straight out from the socket.



Image description: A diagram showing the dimensions of the Grandview 7443 LED bulb, measuring 2.22 inches (57mm) in length and 0.70 inches (18mm) in width.

Step 3: Insert the New LED Bulb

Insert the new Grandview LED bulb into the socket. Ensure it is fully seated.



Image description: A close-up view of the Grandview 7443 LED bulb, highlighting the 5730 SMD chips and the standard 7443 plug.

Step 4: Test Polarity (If Necessary)

If the bulb does not light up, remove it, flip it horizontally (180 degrees), and reinsert it. LED bulbs are polarity sensitive and may only work in one orientation.



Image description: A diagram illustrating the positive and negative polarity of the 7443 bulb socket and how to ensure correct orientation for the LED bulb.

Step 5: Secure the Bulb

Once the bulb lights up correctly, reinsert the socket into the housing and twist clockwise to lock it securely in place.

Installation Video Example (LASFIT)

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Video description: This video demonstrates the installation of a LASFIT 7443 LED Switchback Bulb on a 2021 Toyota RAV4, showing the plug-and-play process and testing the white DRL and amber turn signal functions.

Installation Video Example (SYNETICUSA)

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Video description: This video from SYNETICUSA shows the installation of a Type 2 switchback LED bulb, demonstrating the simple plug-and-insert method into a vehicle's light housing.

Installation Video Example (Las_auto led)

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Video description: This video provides a step-by-step guide on how to install dual-color turn signal LED bulbs on a 2022 Toyota

4Runner, highlighting the ease of installation.

OPERATING INSTRUCTIONS

These bulbs feature a dual-color switchback function:

- When your parking lights or daytime running lights (DRL) are on, the bulbs will illuminate in a bright white (6500-8000K) color.
- When the turn signal is activated, the bulbs will switch to a vibrant amber color, flashing to indicate your turn. Once the turn signal is deactivated, they will revert to white.



Image description: A collage showing the Grandview LED bulbs emitting bright amber light (top left) and bright white light (bottom right), demonstrating their dual-color capability.

CARE AND MAINTENANCE

- Keep the bulbs clean and free from dirt or debris. Use a soft, dry cloth for cleaning.
- Avoid touching the LED chips directly with bare hands to prevent oil transfer.
- Ensure proper ventilation around the bulb housing to prevent overheating, which can shorten LED lifespan.

TROUBLESHOOTING COMMON ISSUES

Hyper Flashing (Rapid Blinking)

If your turn signals blink rapidly after installing LED bulbs (known as "hyper flashing"), this indicates that your vehicle's flasher relay detects a lower power draw from the LEDs compared to incandescent bulbs.

Solution: While these LED bulbs are designed to be compatible with most vehicles, if hyper flashing occurs, you may need to install external load resistors (not included with this specific product) or a compatible LED flasher relay. Consult a professional if you are unsure.

Bulb Not Lighting Up

Check the polarity. LED bulbs are polarity sensitive. Remove the bulb, flip it 180 degrees, and reinsert it. Ensure the bulb is fully seated in the socket and the socket is securely locked into the housing. Verify that your vehicle's electrical system is providing power to the socket.

Error Messages on Dashboard

Some vehicles may display a "bulb out" warning or error message due to the lower power consumption of LEDs. This is similar to hyper flashing and may require load resistors or a CANBUS-compatible LED flasher relay to resolve.

Troubleshooting Video Example (Jing Hong Department Store)

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Video description: This video demonstrates 3157 switchback LED turn signal lights with a resistor, showing how they function and addressing potential hyper flash issues.

WARRANTY AND SUPPORT

Warranty Information

This product comes with a 1-year warranty. For warranty claims or technical support, please contact Grandview customer service through the retailer where the product was purchased.

Customer Support

For further assistance or inquiries, please refer to the contact information provided by your retailer or visit the official Grandview store page on Amazon.