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› OSRAM 7507 PY21W 12V Automotive Light Bulb Instruction Manual

OSRAM 7507

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1. INTRODUCTION

This document provides essential instructions for the safe and effective use of the OSRAM 7507 PY21W 12V automotive light bulb. Designed for various automotive lighting applications, this bulb offers reliable performance and OEM quality. Please read this manual thoroughly before installation and operation to ensure correct usage and to prevent damage to the product or vehicle.

2. SAFETY INFORMATION

- Always disconnect the vehicle's battery or turn off the ignition before attempting any electrical work, including bulb replacement.
- Allow bulbs to cool down completely before handling, as they can become very hot during operation.
- Avoid touching the glass part of the bulb directly with bare hands. Oils from your skin can create hot spots, leading to premature failure. Use clean gloves or a cloth.
- Ensure the replacement bulb matches the specifications of the original bulb to prevent electrical issues or improper light output.
- Dispose of old bulbs responsibly according to local regulations.
- If unsure about any step, consult a qualified automotive technician or your vehicle's service manual.

3. SETUP AND INSTALLATION

The OSRAM 7507 bulb is designed for straightforward replacement in compatible automotive lighting systems. Always refer to your vehicle's owner's manual for specific instructions regarding bulb access and replacement procedures, as these can vary significantly between vehicle models.

General Installation Steps:

1. **Identify Bulb Location:** Locate the specific light housing (e.g., turn signal, brake light) that requires bulb replacement. This may involve accessing the housing from the engine bay, trunk, or by removing a tail light assembly.

2. **Disconnect Power:** Turn off the vehicle's ignition and, if necessary, disconnect the negative terminal of the battery to prevent accidental electrical shorts.
3. **Access Bulb Socket:** Carefully remove any covers, screws, or clips securing the light housing or bulb socket. Twist or pull the bulb socket from the housing.
4. **Remove Old Bulb:** Gently press and twist the old bulb counter-clockwise (for bayonet-style bases like the 7507/PY21W) to release it from the socket. Pull it straight out.
5. **Insert New OSRAM 7507 Bulb:** Holding the new OSRAM 7507 bulb by its metal base (avoiding the glass), align the pins on the bulb base with the slots in the socket. Insert the bulb, press gently, and twist clockwise until it locks into place. Ensure a secure fit.
6. **Test Functionality:** Before reassembling the light housing, reconnect the battery (if disconnected) and test the light function to ensure the new bulb illuminates correctly.
7. **Reassemble:** Once confirmed working, reassemble the bulb socket into the light housing and secure any covers, screws, or clips that were removed.





Image 3.1: Close-up of the OSRAM 7507 PY21W 12V Light Bulb. This image displays the amber glass bulb and its metal bayonet base, highlighting the design for automotive signal applications.





Image 3.2: OSRAM 7507 PY21W 12V Light Bulb Packaging. The packaging illustrates the bulb's type (PY21W, 12V, 21W) and its intended use as an automotive signal lamp, often for turn indicators.

4. OPERATING INSTRUCTIONS

The OSRAM 7507 PY21W 12V light bulb operates automatically as part of your vehicle's electrical system. Once correctly installed, it will illuminate when the corresponding function is activated (e.g., turn signal, hazard lights, or brake lights, depending on its application in your specific vehicle). No manual operation of the bulb itself is required.

5. MAINTENANCE

The OSRAM 7507 light bulb is a sealed unit and requires no routine maintenance other than periodic inspection and replacement when it ceases to function.

- **Regular Inspection:** Periodically check all exterior lights on your vehicle to ensure they are functioning

correctly. This includes turn signals, brake lights, and hazard lights.

- **Replacement:** If a bulb burns out, replace it promptly to maintain vehicle safety and compliance with traffic laws. Always replace with a bulb of the same type and specifications (OSRAM 7507 or equivalent PY21W 12V).
- **Cleaning:** Keep the exterior of the light housing clean to ensure maximum light output and visibility.

6. TROUBLESHOOTING

If your OSRAM 7507 light bulb is not functioning as expected, consider the following troubleshooting steps:

- **Bulb Not Illuminating:**
 - **Check Installation:** Ensure the bulb is correctly seated and twisted into its socket.
 - **Verify Power Connection:** Confirm that the bulb socket is securely connected to the vehicle's wiring harness.
 - **Inspect Fuse:** Check the vehicle's fuse box for a blown fuse related to the affected lighting circuit. Replace if necessary with a fuse of the correct amperage.
 - **Test with New Bulb:** If possible, test with another known-good OSRAM 7507 bulb to rule out a faulty bulb.
- **Bulb Flickering or Dim:**
 - **Check Connections:** Loose connections in the socket or wiring can cause flickering.
 - **Corrosion:** Inspect the bulb socket and wiring terminals for corrosion. Clean if present.
 - **Vehicle Electrical System:** A flickering or dim bulb can sometimes indicate an issue with the vehicle's electrical system (e.g., alternator, battery, voltage regulator). Consult a professional if other lights are also affected.
- **Rapid Flashing (Hyper-flashing) for Turn Signals:**
 - This usually indicates a burnt-out bulb in the same circuit. Check all other turn signal bulbs (front, rear, side markers) on the affected side.

If these steps do not resolve the issue, it is recommended to seek assistance from a qualified automotive technician.

7. SPECIFICATIONS

Brand	OSRAM
Model Number	7507
Mirror Lighting Type	PY21W
Voltage	12V
Item Weight	0.352 ounces
Product Dimensions	2.13 x 5.51 x 2.28 inches
Fit Type	Universal Fit (verify vehicle compatibility)
Quality Features	OEM Quality, Reliable Quality

8. WARRANTY AND SUPPORT

For information regarding warranty coverage for your OSRAM 7507 light bulb, please refer to the documentation provided at the time of purchase or visit the official OSRAM website. If you require technical assistance or have questions not covered in this manual, please contact OSRAM customer support through their official channels. You can visit the OSRAM Store for more product information:[OSRAM Store on Amazon](#)

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