

WinPower DZG-LPL-103

WinPower LED License Plate Light Instruction Manual

Model: DZG-LPL-103

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your WinPower LED License Plate Lights. These lights are designed to provide bright, clear illumination for your vehicle's license plate, featuring a 6000K xenon white light and Canbus error-free technology for compatible Mercedes-Benz models. Please read this manual thoroughly before installation to ensure proper function and safety.

2. PRODUCT FEATURES

- **High Brightness:** Equipped with 3 high-luminosity lamp beads, offering significantly brighter illumination than standard bulbs.
- **Xenon White Light:** Produces a 6000K xenon white light for enhanced visibility and a modern aesthetic.
- **Canbus Error-Free:** Integrated Canbus chip prevents OBC (On-Board Computer) error codes, ensuring seamless compatibility with your vehicle's electrical system.
- **Rainproof Design:** Engineered to effectively prevent moisture ingress, maintaining performance even in adverse weather conditions.
- **Low Power Consumption:** Designed for energy efficiency while delivering superior light output.
- **Easy Installation:** Features a plug-and-play design, matching the size and shape of original parts for straightforward replacement without screws or additional wiring.



Image 2.1: Overview of WinPower LED License Plate Light key features, highlighting brightness, energy efficiency, ease of installation, and error-free operation.

3. COMPATIBILITY

These WinPower LED License Plate Lights are compatible with the following Mercedes-Benz models:

- Mercedes-Benz W211 4D/5D (2003-2009)
- Mercedes-Benz W203 5D (2001-2007)
- Mercedes-Benz C219 4D (2004-2010)
- Mercedes-Benz R171 2D (2004-2011)
- Mercedes-Benz E-Class T-Model (2003-2008)

Note: Always compare the size and shape of your original license plate bulb and socket with the product to ensure proper fitment.

4. SAFETY INFORMATION

- Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation to prevent electrical shock or damage.
- Handle the LED lights carefully to avoid damaging the components.
- Do not rinse the license plate light directly with high-pressure water when washing the car, as this may compromise the seal and damage the bulb.
- If you are unsure about any step of the installation process, consult a qualified automotive technician.

5. PACKAGE CONTENTS

Your WinPower LED License Plate Light package should contain:

- 2 x WinPower LED License Plate Lights (Model: DZG-LPL-103)



Image 5.1: Contents of the WinPower LED License Plate Light package.

6. INSTALLATION INSTRUCTIONS

Follow these steps to install your new WinPower LED License Plate Lights:

1. **Prepare for Installation:** Ensure your vehicle is parked on a level surface, the engine is off, and the parking brake is engaged. Disconnect the negative terminal of the car battery for safety.
2. **Locate Original Lights:** Identify the existing license plate light assemblies on your vehicle.
3. **Remove Original Lights:** Carefully use a plastic trim removal tool or a small flat-head screwdriver (if necessary) to pry out the original license plate light bulb assembly. Be gentle to avoid scratching the paint or damaging the surrounding trim.
4. **Disconnect Wiring:** Once the old assembly is removed, disconnect the electrical connector from the original bulb housing.
5. **Install New LED Lights:** Connect the wiring harness of the WinPower LED License Plate Light to the vehicle's electrical connector. Ensure a secure connection.
6. **Secure New Lights:** Carefully insert the new WinPower LED License Plate Light assembly into the opening. It should click into place or fit snugly.
7. **Test Functionality:** Reconnect the vehicle battery. Turn on your vehicle's lights to verify that the new LED license plate lights are functioning correctly and that no error messages appear on your dashboard.
8. **Final Check:** Ensure both lights are securely installed and illuminate properly.



Remove the original car license plate light bulb assembly.



Install WinPower bulbs, connect the plug. Upgrade done!

Image 6.1: Visual guide for removing the original license plate light and installing the WinPower LED replacement.

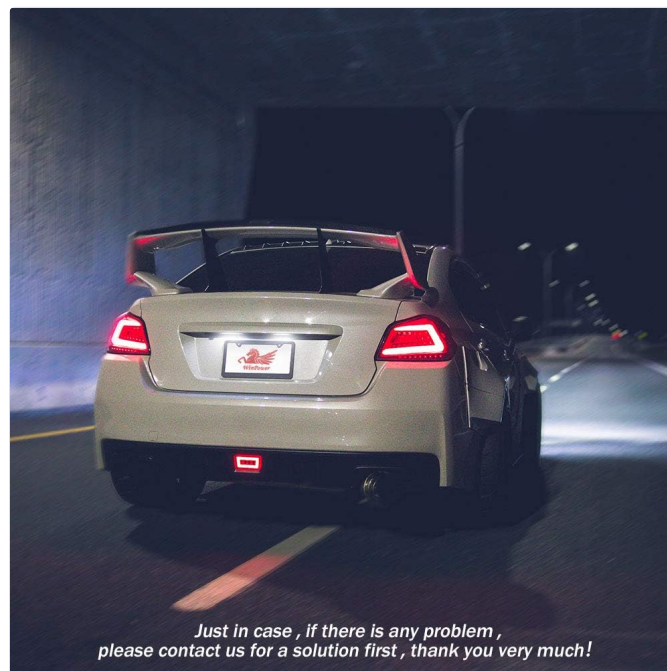


Image 6.2: Example of WinPower LED License Plate Lights installed and illuminated on a vehicle at night.

7. OPERATING INSTRUCTIONS

Once properly installed, the WinPower LED License Plate Lights operate automatically with your vehicle's lighting system. They will illuminate when your vehicle's parking lights or headlights are activated, providing consistent and bright illumination for your license plate.



Image 7.1: The 6000K Xenon White light output of the WinPower LED License Plate Light.

8. MAINTENANCE

The WinPower LED License Plate Lights require minimal maintenance. To ensure longevity and optimal performance:

- **Cleaning:** Periodically wipe the surface of the lights with a soft, damp cloth to remove dirt and grime. Avoid abrasive cleaners.
- **Inspection:** Occasionally check the lights for any signs of damage or loose connections.
- **Water Exposure:** While rainproof, avoid directing high-pressure water jets directly onto the lights during car washes to prevent potential water ingress over time.



Image 8.1: The rainproof design helps protect the lights from moisture.

9. TROUBLESHOOTING

If you encounter any issues with your WinPower LED License Plate Lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	Loose connection, incorrect installation, vehicle fuse issue.	Check all electrical connections. Ensure the lights are installed correctly. Inspect the relevant vehicle fuse.
Dashboard error message (OBC error).	Rare, but could indicate a specific vehicle sensitivity or a faulty unit.	Ensure the lights are fully seated. If the problem persists, contact WinPower customer support. The lights are designed with a Canbus chip to prevent these errors.
Lights flicker or are dim.	Unstable electrical connection, low voltage, or a faulty LED unit.	Verify connections are secure. Check vehicle's electrical system. If issue persists, contact support.

If you are unable to resolve an issue using the troubleshooting guide, please contact WinPower customer support for assistance.

10. SPECIFICATIONS

Attribute	Detail
Brand	WinPower
Model Number	DZG-LPL-103
Light Color	6000K Xenon White
Voltage	12V DC
Power	3 Watts per light
Special Features	Canbus Error-Free, Anti-glare, Rainproof
Lens Material	Polycarbonate
Item Weight	62g (total for pair)
Package Dimensions	12 x 9.5 x 4.8 cm



Image 10.1: Product dimensions for the WinPower LED License Plate Light.




11. WARRANTY AND SUPPORT

WinPower provides a **one-year warranty** for this product. This warranty covers manufacturing defects and ensures the product meets its specified performance. If you experience any issues or have questions regarding your WinPower LED License Plate Lights, please contact our customer support team. For warranty claims or technical assistance, please refer to the contact information provided with your purchase or visit the official WinPower website.

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Related Documents - DZG-LPL-103

	<p>WinPower LED D1/D2/D3/D5/D8 Headlight Installation Manual</p> <p>Detailed installation guide for WinPower D1, D2, D3, D5, and D8 series LED headlights. This manual provides step-by-step instructions for converting your vehicle's HID system to brighter, more efficient LED lighting. Includes product specifications and important safety notes.</p>
	<p>Heated Socks Instruction Manual: Features, Usage, and Care</p> <p>Comprehensive instruction manual for DRCODC Heated Socks, detailing 5000mAh and 8500mAh battery operation, app control via DRCODC, package contents, cleaning, troubleshooting, safety, and regulatory compliance.</p>
	<p>J&J Electronics PureWhite LED Pool & Spa Light Installation and Warranty Guide</p> <p>Comprehensive guide for installing and operating J&J Electronics PureWhite LED Pool and Spa lights. Includes 3-year limited warranty details, safety instructions, technical specifications, and installation procedures for new and existing pools/spas.</p>

<p>PureWhite™ LED Pool and Spa Light Fixture Installation and Operation Guide</p>  <p>Technical Diagram Please refer to the Electrical Diagram and the other J&J Electronics lighting products. please visit www.jandjelectronics.com</p>	<p>PureWhite LED Pool and Spa Light Fixture Installation and Operation Guide - J&J Electronics</p> <p>Comprehensive installation, operation, safety, and warranty guide for J&J Electronics PureWhite LED Pool and Spa Light Fixtures. Covers compatibility, electrical code compliance, and fixture lifespan.</p>
	<p>J&J Electronics ColorSplash & PureWhite VÜ 1.5\" Nicheless Pool & Spa Light Fixture Installation and Operation Guide</p> <p>This guide provides comprehensive installation, operation, safety, and troubleshooting instructions for J&J Electronics ColorSplash VÜ and PureWhite VÜ 1.5\" Nicheless Pool & Spa Light Fixtures. It details wiring, light show selection, maintenance, and warranty information.</p>
	<p>Hunter X2 Irrigation Controller Quick Start Programming Guide</p> <p>A quick start guide for programming the Hunter X2 irrigation controller, covering setup, scheduling, advanced features, and troubleshooting. Includes instructions for setting date, time, start times, run times, water days, and manual operations.</p>