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> YIJINSHENG 9 LED High Power LED Daytime Running Lights DRL Kit Instruction Manual

YIJINSHENG LED.XYC.9D.W

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Model: LED.XYC.9D.W

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your YIJINSHENG 9 LED High Power LED Daytime Running Lights DRL Kit. These lights are designed to enhance vehicle visibility during daytime driving, contributing to improved safety. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

PRODUCT FEATURES

- Powered by 9 xenon white LED lights for bright illumination.
- Designed to be shockproof, waterproof, and corrosion-resistant for durability.
- Enhances vehicle visibility during both day and night, improving road safety.
- Universal fit for various vehicle types.
- Low power consumption compared to standard bulbs.
- Attractive slim design with an adjustable bracket for versatile mounting.
- Long LED lifespan of up to 50,000 hours, minimizing maintenance.

PACKAGE CONTENTS

Verify that all components are present in the package:

- 2 x YIJINSHENG 9 LED Daytime Running Lights
- Installation accessories (mounting brackets, screws, wiring)



Image: Contents of the YIJINSHENG DRL kit, showing two LED light bars, mounting brackets, and electrical wiring.

SPECIFICATIONS

Light Color:	White (Xenon White)
Material:	Aluminum housing, Polycarbonate lens
Number of LEDs (each):	9 LEDs
Vehicle Application:	Universal
Dimensions (L x W x H):	255mm x 30mm x 22mm (10 x 1.18 x 0.86 inches)
LED Lifespan:	Up to 50,000 hours
Color Temperature:	6,000K - 6,700K

Rated Working Voltage:	DC 12V
Wattage:	3 watts
Item Weight:	14.1 ounces (per pair)

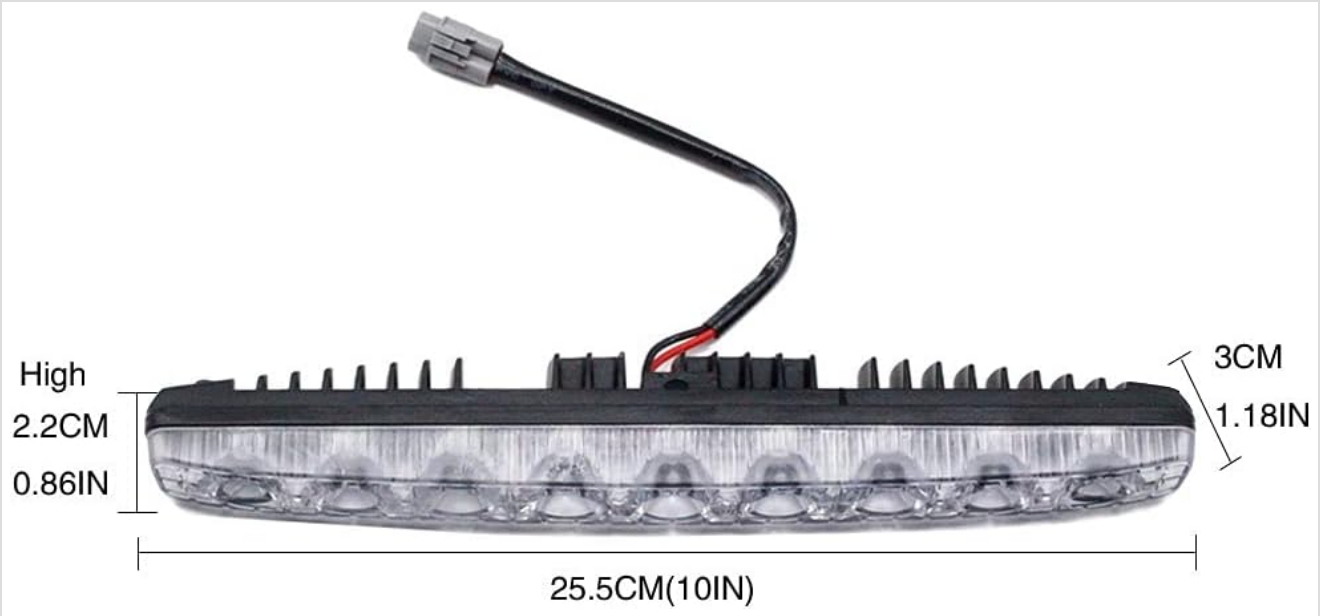


Image: Detailed dimensions of a single YIJINSHENG DRL light unit.

Safety Information

- **Disconnect Power:** Always disconnect the vehicle's battery power before beginning any installation to prevent electrical shock or damage.
- **Professional Installation:** If you are unsure about any part of the installation process, consult a qualified automotive technician.
- **Wiring:** Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- **Mounting:** Mount the lights securely to prevent them from becoming loose during vehicle operation.
- **Heat:** While LEDs produce less heat than traditional bulbs, ensure adequate airflow around the lights.
- **Waterproof:** The lights are waterproof, but ensure connections are protected from moisture.

Installation Guide

This section outlines the general steps for installing the YIJINSHENG DRL Kit. Specific vehicle requirements may vary.

1. **Plan Mounting Location:** Identify a suitable, flat surface on your vehicle's front bumper or grille area for mounting the DRLs. Ensure the location allows for optimal light projection and does not obstruct other vehicle components or airflow. Consider the dimensions of the lights (10 x 1.18 x 0.86 inches) when selecting a spot.
2. **Prepare for Installation:**
 - Turn off the vehicle's engine and remove the key from the ignition.
 - Disconnect the negative terminal of the vehicle's battery to prevent electrical hazards.
 - Clean the chosen mounting surface thoroughly.
3. **Attach Mounting Brackets:** Secure the provided mounting brackets to the back of each DRL unit using the

included screws.



Image: Detail of the adjustable mounting bracket for the DRL unit.

4. **Mount DRL Units:** Position the DRL units with their attached brackets onto the chosen location. Mark the drilling points for the mounting screws. Drill pilot holes if necessary, then securely fasten the DRLs to the vehicle using the provided screws. Ensure they are firmly attached and aligned.
5. **Wiring Connections:**
 - Connect the red wire from each DRL unit to a positive (+) 12V power source that is activated when the vehicle is running (e.g., an accessory fuse, ignition wire, or a dedicated DRL module if using one).
 - Connect the black wire from each DRL unit to a reliable ground (-) point on the vehicle chassis.
 - Ensure all connections are tight and insulated with electrical tape or heat shrink tubing to protect against moisture and corrosion.
6. **Test Functionality:** Reconnect the vehicle's battery. Turn on the ignition and verify that the DRLs illuminate correctly. Check for any flickering or improper operation.
7. **Final Adjustments:** Adjust the angle of the lights if necessary to ensure optimal visibility without blinding oncoming traffic.



Image: Example of YIJINSHENG DRL lights installed on a vehicle's front bumper.

OPERATION

Once properly installed and wired, the YIJINSHENG DRLs are designed for automatic operation:

- The lights will typically turn on automatically when the vehicle's ignition is switched to the "ON" position or when the engine is running, depending on how they are wired to the 12V power source.
- They are intended to provide additional visibility during daylight hours.
- The DRLs are not designed to replace headlights or fog lights for nighttime driving or adverse weather conditions.



Image: Visual representation of the DRLs in an illuminated state.

MAINTENANCE

The YIJINSHENG DRLs require minimal maintenance due to their durable construction and long-lasting LEDs.

- **Cleaning:** Periodically clean the lens of the DRLs with a soft cloth and mild soap and water to remove dirt and debris. Avoid abrasive cleaners that could scratch the lens.
- **Inspection:** Regularly inspect the mounting brackets and wiring connections to ensure they remain secure and free from corrosion or damage.
- **Damage:** If any damage to the housing or lens occurs, consider replacing the unit to maintain optimal performance and safety.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Lights do not turn on.	No power supply, loose wiring, blown fuse, incorrect wiring.	Check all wiring connections for tightness. Verify 12V power at the red wire and a good ground at the black wire. Check the vehicle's fuse box for any blown fuses related to the power source. Ensure the battery is connected.
Lights flicker or are dim.	Poor electrical connection, insufficient power, damaged unit.	Inspect wiring for loose connections or corrosion. Ensure the power source provides stable 12V. If one unit flickers, it may be damaged and require replacement.
Moisture inside the lens.	Seal compromise, extreme temperature changes.	Small amounts of condensation may dissipate. If persistent or significant, inspect the unit for cracks or seal damage. Ensure wiring entry points are sealed.
Lights become loose.	Improper mounting, vibrations.	Re-tighten mounting screws. Consider adding thread-locking compound or additional securing methods if vibrations are severe.

WARRANTY AND SUPPORT

YIJINSHENG products are manufactured to high-quality standards. For any issues, please refer to the retailer's return and warranty policy. If you encounter problems or have questions regarding your DRL kit, please contact the seller or manufacturer directly for assistance.

Contact information for YIJINSHENG can often be found on the product packaging or through the retailer's website. Please have your purchase details and model number (LED.XYC.9D.W) ready when contacting support.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question