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› VLAND Headlight Pair for Lexus IS250 IS350 IS200D IS300 2006-2012 LED DRL Headlights with Dynamic Turn Signal, Plug and Play

VLAND IS200D, IS300, IS250, IS350 (2006-2012)

VLAND Headlight Pair User Manual

Model: IS200D, IS300, IS250, IS350 (2006-2012)

Brand: VLAND

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your new VLAND LED DRL Headlight Pair. These headlights are designed to enhance the lighting performance and aesthetic appeal of your vehicle with advanced LED technology and dynamic turn signals.

Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image: The VLAND LED DRL Headlight Pair, showcasing both the left and right headlight assemblies with their sleek black housing and integrated LED elements. The product packaging is visible in the background.

SETUP AND INSTALLATION

Compatibility

These headlights are specifically designed for Lexus IS250, IS350, IS220D, and ISF models manufactured between 2006 and 2012. They are intended for Left Hand Drive (LHD) vehicles. If you are uncertain about compatibility with your specific vehicle, it is recommended to consult with a professional or provide a photo of your car to the seller for verification.

Package Contents

- One (1) Left (Driver Side) Headlight Assembly
- One (1) Right (Passenger Side) Headlight Assembly

- *Note: Bulbs are not included as these are full LED assemblies.*

Installation Steps (Professional Installation Recommended)

1. **Safety First:** Ensure the vehicle is turned off and the battery is disconnected before beginning installation to prevent electrical hazards.
2. **Access Headlight Area:** Depending on your vehicle model, you may need to remove the front bumper or other components to access the existing headlight assemblies. Refer to your vehicle's service manual for specific instructions.
3. **Remove Old Headlights:** Disconnect all wiring harnesses and mounting bolts securing the original headlights. Carefully remove the old assemblies.
4. **Prepare New Headlights:** Inspect the new VLAND headlights for any damage. Ensure all connectors are clean and ready for connection.
5. **Connect Wiring:** These headlights are designed for "Plug and Play" installation. Connect the wiring harnesses from the new headlights to the vehicle's corresponding connectors. Ensure a secure and proper fit.
6. **Mount New Headlights:** Carefully position the new headlight assemblies into the vehicle's headlight housing. Secure them with the original mounting bolts or provided hardware.
7. **Test Functionality:** Before reassembling the bumper or other components, reconnect the vehicle's battery. Turn on the vehicle and test all headlight functions: low beam, high beam, DRL, and turn signals. Ensure all lights illuminate correctly and the dynamic turn signal operates as expected.
8. **Final Assembly:** Once all functions are verified, reassemble any removed vehicle components (e.g., bumper).



Image: Rear view of the VLAND headlight assembly, showing the various wiring connectors and mounting points, illustrating the "Plug and Play" design.

OPERATING INSTRUCTIONS

Your VLAND LED DRL Headlights are designed for optimal performance and safety. Here's how the various lighting functions operate:

- **Daytime Running Lights (DRL):** The automatic LED DRLs illuminate immediately upon driving, enhancing your vehicle's visibility during daylight hours.
- **Low Beam:** The low beam function utilizes 4 LED lamps, providing a powerful and focused light output that is over three times brighter than original headlights. The new projector design ensures a precise and effective light pattern for standard driving conditions.
- **High Beam:** For maximum illumination, the high beam function activates 2 additional LED lamps. This provides enhanced visibility and safety, particularly in low-light conditions or adverse weather such as rain, fog, and snow.
- **Dynamic Turn Signal:** The integrated turn signals feature a dynamic, sequential indicator. When activated, the

LEDs illuminate in a flowing pattern, providing a modern and highly visible indication of your turning intentions.



Image: A detailed diagram illustrating the various light functions of the VLAND headlight, including the position of the low beam, high beam, daytime running light (DRL), and sequential turn signal.

Turn light with sequential indicator



Image: A series of three images demonstrating the sequential illumination of the turn signal, showing the progressive lighting effect from the inner to the outer edge of the headlight.



Image: A four-panel image displaying the headlight in different operational modes: all lights active, DRL with high beam, DRL with low beam, and DRL only, illustrating the various illumination patterns.

MAINTENANCE

The VLAND LED DRL Headlights are designed for durability and minimal maintenance. Follow these guidelines to ensure their longevity and optimal performance:

- **Cleaning:** Regularly clean the clear PMMA lens with a soft cloth and mild automotive cleaning solution. Avoid abrasive cleaners or harsh chemicals that could scratch or damage the lens.
- **Inspection:** Periodically inspect the headlight assemblies for any signs of damage, loose connections, or condensation. While the units are IP67 waterproof, extreme conditions or improper installation can sometimes lead to issues.
- **No Bulb Replacement:** As these are full LED assemblies, there are no traditional bulbs to replace. The LED chips are designed for a long lifespan.
- **Waterproof Rating:** The IP67 waterproof rating ensures protection against dust ingress and immersion in water up

to 1 meter for 30 minutes. This contributes to their maintenance-free nature under normal operating conditions.

TROUBLESHOOTING

If you encounter any issues with your VLAND headlights, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Headlights not illuminating	Loose wiring connection, blown fuse, incorrect installation.	Check all wiring harnesses for secure connections. Inspect vehicle's fuse box for any blown fuses related to lighting and replace if necessary. Verify installation steps were followed correctly.
Flickering lights	Unstable power supply, loose connection, CAN bus error (if applicable).	Ensure connections are tight. If your vehicle has a CAN bus system, a resistor or decoder may be required (though typically not for "Plug and Play" units, consult seller if issue persists).
Condensation inside lens	Temperature changes, minor seal issue, high humidity.	Small amounts of condensation are normal and should dissipate. Ensure the vent caps (if present) are clear. If excessive or persistent, check for proper sealing around the housing or contact support.
Dynamic turn signal not working	Incorrect wiring, faulty unit.	Verify turn signal wiring is correctly connected. If other functions work but turn signal does not, contact customer support.

If the problem persists after attempting these solutions, please contact VLAND customer support or a qualified automotive technician.

PRODUCT SPECIFICATIONS

Brand	VLAND
Color	Black
Specific Uses for Product	Headlights
Light Source Type	LED
Vehicle Service Type	Car
Special Feature	Sequential indicator, 3 LED lens (no bulb needed), Plug and play, Waterproof
Voltage	12 Volts
Power	55 Watts
Part Position	Front
Item Dimensions (L x W x H)	65 x 32 x 64 centimeters

WARRANTY INFORMATION

This VLAND Headlight Pair comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use. It does not cover damage caused by improper installation, accidents, misuse, or unauthorized modifications.

Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, warranty claims, or any questions regarding your VLAND Headlight Pair, please contact the seller or VLAND customer support through the platform where the product was purchased. Provide your order number and a detailed description of the issue for faster service.

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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