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VLAND YAB-IS-0277

VLAND LED Tail Lights User Manual

For Lexus IS250 IS350 IS220d (2006-2013) and ISF (2008-2015)

Model: YAB-IS-0277

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your VLAND LED Tail Lights, designed for specific Lexus IS series models. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image 1.1: VLAND LED Tail Lights, Smoke/Tinted variant.

2. Product Features

The VLAND LED Tail Lights offer advanced lighting technology and design:

- **Full LED Display:** Utilizes advanced LED technology, eliminating the need for traditional bulbs.
- **Fiber Optic Style:** Features a modern fiber optic design with illuminated light bars for a distinct appearance.
- **Direct Fitment:** Engineered as a direct replacement for your vehicle's factory tail lamps, requiring no modifications.
- **Enhanced Durability:** Constructed to be Waterproof (IP67 rated), Dust-proof, and Shock-proof for reliable performance in various conditions.



Image 2.1: Overview of integrated lighting functions.

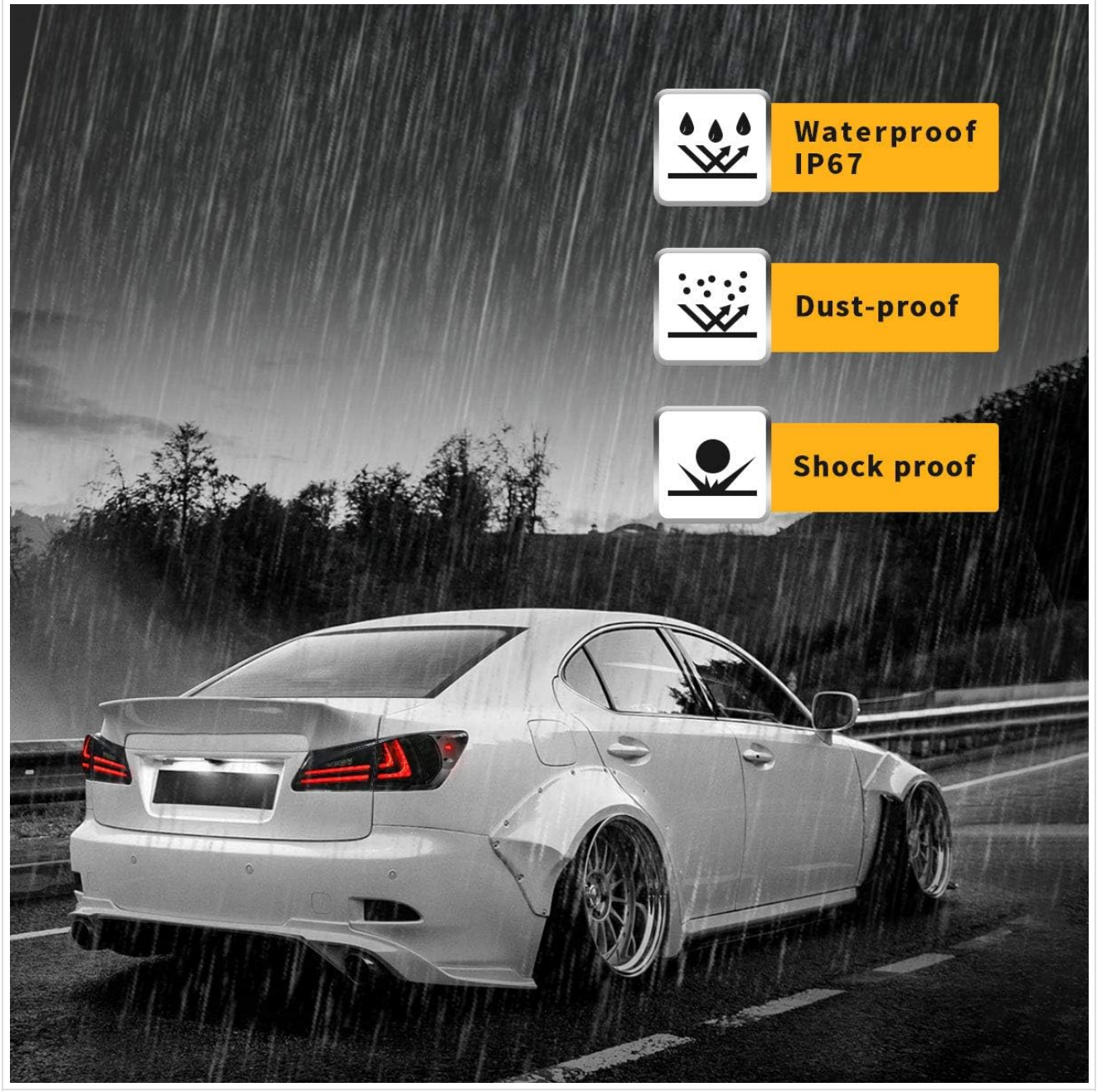


Image 2.2: Durability features of the tail lights.

3. Compatibility

These VLAND LED Tail Lights are specifically designed for the following Lexus models:

- Lexus IS250, IS350, IS220d (Base Sedan): Model Years 2006-2013
- Lexus IS F (4-Door): Model Years 2008-2015

Note: These tail lights are NOT compatible with convertible models such as the IS250C or IS350C.

OEM Equivalent Part Numbers:

- Right Side: 8156353170, 8155153260 (for 2010 and 2013 models), 8158153061 (for IS 250, IS 350, IS F 2006-2014 models)
- Left Side: 8156153171 (for 250 350 2006 and 2009 models), 8156153220 (for 250 350 2008 and 2011 models), 8159153061 (for 2006-2008 models)



Image 3.1: Compatible Lexus IS models.

4. Setup and Installation

The VLAND LED Tail Lights are designed for direct fitment, requiring no vehicle modifications. However, professional installation is recommended to ensure proper function and to avoid damage.

Important Installation Note:

There is a waterproof pad on the back of the tail lights. Please ensure this waterproof pad is properly sealed and there are no gaps during installation to prevent moisture intrusion.

General Installation Steps:

1. **Preparation:** Ensure the vehicle is turned off and the battery is disconnected for safety.
2. **Access:** Remove any necessary trim panels or covers to access the existing tail light assembly.
3. **Removal:** Disconnect the wiring harness and unbolt the old tail light assembly. Carefully remove it from the vehicle.
4. **Waterproof Seal:** Before installing the new VLAND LED Tail Light, verify the waterproof pad is correctly positioned and sealed to prevent water entry.
5. **Installation:** Position the new VLAND LED Tail Light into the opening. Secure it with the original bolts.
6. **Wiring:** Connect the new tail light's wiring harness to the vehicle's electrical system. These lights are designed for "plug and play" installation.
7. **Testing:** Reconnect the battery and test all light functions (DRL, brake, turn signal, reverse, fog light) before reassembling any removed trim.
8. **Final Assembly:** Reinstall any removed trim panels or covers.

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Video 4.1: Installation guide for VLAND Sequential Tail Lights for Lexus.



Image 4.2: Example of a plug-and-play connector for easy installation.

5. Operating Instructions

The VLAND LED Tail Lights integrate several essential lighting functions for vehicle safety and visibility:

- **DRL (Daytime Running Light):** Provides continuous illumination for enhanced visibility during daylight hours.
- **Brake Light:** Illuminates brightly when the brake pedal is pressed, signaling deceleration.
- **Turn Signal:** Amber LED lights indicate turns or lane changes.
- **Reverse Light:** White LED light illuminates when the vehicle is in reverse, aiding visibility when backing up.
- **Fog Light:** Provides additional illumination in foggy conditions. (Note: Fog lighting is typically on the left light only, depending on vehicle model.)

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Video 5.1: Demonstration of VLAND LED Tail Light functions for Lexus.



Image 5.2: Daytime Running Light (DRL) illumination.



Image 5.3: Brake light activation.



Image 5.4: Amber LED turn signal.



Image 5.5: White LED reverse light.

6. Maintenance

To ensure the longevity and optimal performance of your VLAND LED Tail Lights, follow these general maintenance guidelines:

- **Regular Cleaning:** Clean the lens surfaces regularly with a soft cloth and mild automotive cleaning solution. Avoid abrasive cleaners that can scratch the lens.
- **Inspect Seals:** Periodically check the waterproof seals around the tail light assembly for any signs of wear or damage. Ensure they remain intact to prevent moisture intrusion.
- **Wiring Inspection:** Occasionally inspect the wiring and connectors for any signs of corrosion, fraying, or loose connections.
- **Functionality Check:** Regularly test all lighting functions (DRL, brake, turn signal, reverse, fog light) to ensure they are operating correctly.
- **Avoid High-Pressure Washing:** When washing your vehicle, avoid directing high-pressure water streams directly at the tail light seals.

7. Troubleshooting

If you encounter any issues with your VLAND LED Tail Lights, consider the following troubleshooting steps:

- **Lights Not Functioning:**
  - Check all wiring connections to ensure they are secure and properly seated.
  - Verify that the vehicle's fuses related to the tail lights are intact and not blown.
  - Ensure the "plug and play" connectors are fully engaged.
- **Moisture Inside Lens:**

- This often indicates an issue with the waterproof seal. Re-inspect the waterproof pad and ensure it is properly sealed without gaps.
- If moisture persists, contact customer support.

- **Dim or Intermittent Lighting:**
  - Check for loose wiring connections or corrosion at the terminals.
  - Ensure the vehicle's electrical system is providing adequate voltage.

When contacting support for product issues, please provide:

- The product label.
- Video and picture evidence clearly showing the defect.

8. Specifications

Feature	Detail
Brand	VLAND
Model Number	YAB-IS-0277
Color	Smoke
Light Source Type	LED
Specific Uses	Rear Lights
Vehicle Service Type	Car
Voltage	12 volts
Wattage	35 watts
Auto Part Position	Rear
Special Feature	Waterproof (IP67)
Lens Material	Plastic
Number of Items	2 (Left+Right)

9. Warranty and Support

VLAND products are covered by a **One Year Manufacturer Warranty** from the original purchase date against defects.

Customer Support:

For any questions, issues, or warranty claims, please contact VLAND US customer service. When reporting an issue, ensure you provide:

- The product label.
- Video and picture evidence clearly showing the defect.

It is recommended to keep all original packaging, labels, and user manuals after receiving your package.

For more information, visit the VLAND Store on Amazon.

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