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› Morimoto Sealed4 4x6 LED Headlight Instruction Manual

Morimoto LF267

Morimoto Sealed4 4x6 LED Headlight Instruction Manual

Model: LF267

INTRODUCTION

The Morimoto Sealed4 LED headlights are designed as a high-performance replacement for 4x6 inch sealed beam headlights. These units feature advanced LED technology and precision optics to deliver superior illumination for various vehicle applications. They are DOT approved and compatible with standard H4651, H4652, H4656, H4666, and H6545 headlight types.



Image: Front view of the Morimoto Sealed4 4x6 LED Headlight, showcasing its clear lens and internal LED projectors.

SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work to prevent electrical shock or damage.
- Wear appropriate personal protective equipment, including safety glasses and gloves, during installation.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Do not look directly into the LED light source when illuminated, as it can cause eye strain or damage.
- Consult a qualified automotive technician if you are unsure about any part of the installation process.

PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation:

- Pair of Morimoto Sealed4 4x6 LED Headlight Assemblies
- Universal Wiring (H4 3-pin male inputs)

SETUP AND INSTALLATION

The Morimoto Sealed4 headlights are designed for a direct replacement of existing 4x6 inch sealed beam headlights, featuring H4 3-pin male inputs for a plug-and-play installation in most compatible vehicles.

1. **Preparation:** Park the vehicle on a level surface and engage the parking brake. Disconnect the negative terminal of the vehicle's battery.
2. **Remove Old Headlights:** Carefully remove the bezel or trim surrounding the existing 4x6 inch headlights. Disconnect the wiring harness from the back of the old headlight and remove any retaining clips or screws holding it in place. Gently pull out the old headlight unit.
3. **Connect New Headlights:** Connect the H4 3-pin male input of the Morimoto Sealed4 LED headlight to the vehicle's existing H4 wiring harness. Ensure the connection is secure.
4. **Install New Headlights:** Insert the Morimoto Sealed4 LED headlight into the headlight bucket. Secure it using the original retaining clips or screws. Ensure the headlight is seated properly and firmly.
5. **Test Functionality:** Reconnect the vehicle's battery. Turn on the headlights (low beam and high beam) and check for proper operation. Verify that both headlights illuminate correctly and switch between low and high beams.
6. **Aiming (if necessary):** If the beam pattern appears incorrect, refer to your vehicle's service manual or local regulations for proper headlight aiming procedures.
7. **Final Assembly:** Reinstall any bezels or trim removed earlier.



Image: Rear view of the Morimoto Sealed4 headlight, showing the integrated heat sink and the H4 3-pin connector for easy installation.

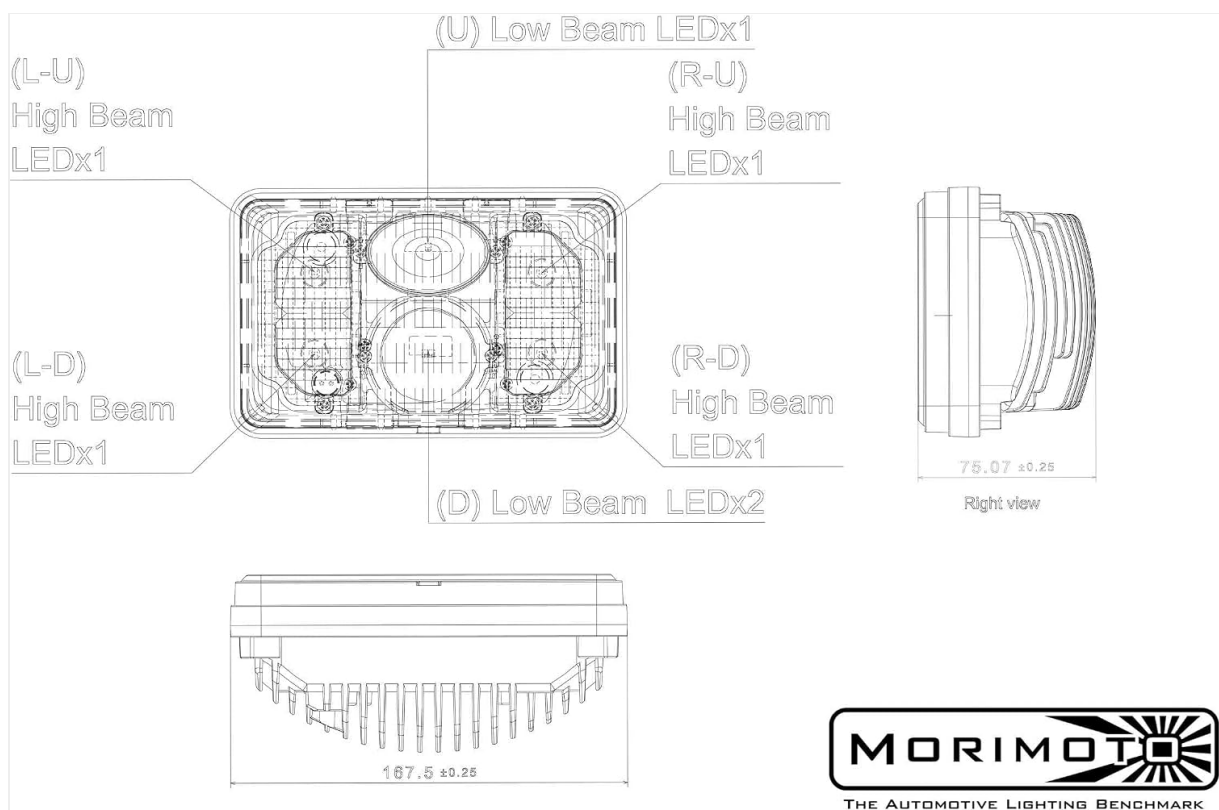


Image: Technical drawing illustrating the dimensions and LED component layout of the Morimoto Sealed4 headlight, including low beam and high beam LED positions.

OPERATING INSTRUCTIONS

The Morimoto Sealed4 LED headlights provide distinct low and high beam functionalities for optimal road illumination.

- **Low Beam:** When activated, the low beam utilizes NCSW170C Series LEDs and Morimoto's Kuria Optic projector lens array to produce a precisely controlled 2400 lumen output with a Left-Hand Drive (LHD) stepped beam pattern. This pattern is designed to illuminate the road ahead without causing glare to

oncoming traffic.

- **High Beam:** Switching to high beam mode engages additional LEDs, increasing the total light output to an impressive 4300 lumens. The high beam provides maximum illumination for improved visibility on unlit roads or when additional light is required.

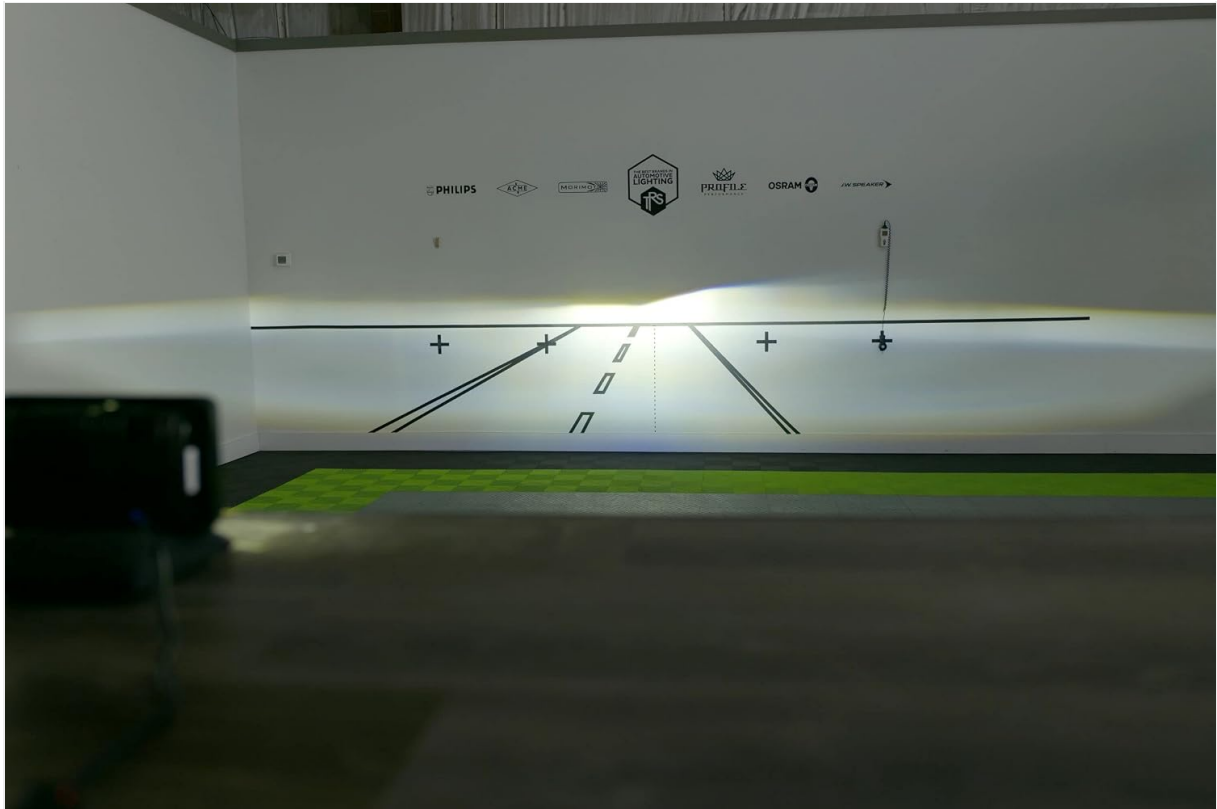


Image: Illustration of the Morimoto Sealed4 low beam pattern projected onto a wall, demonstrating the sharp cutoff and wide spread.

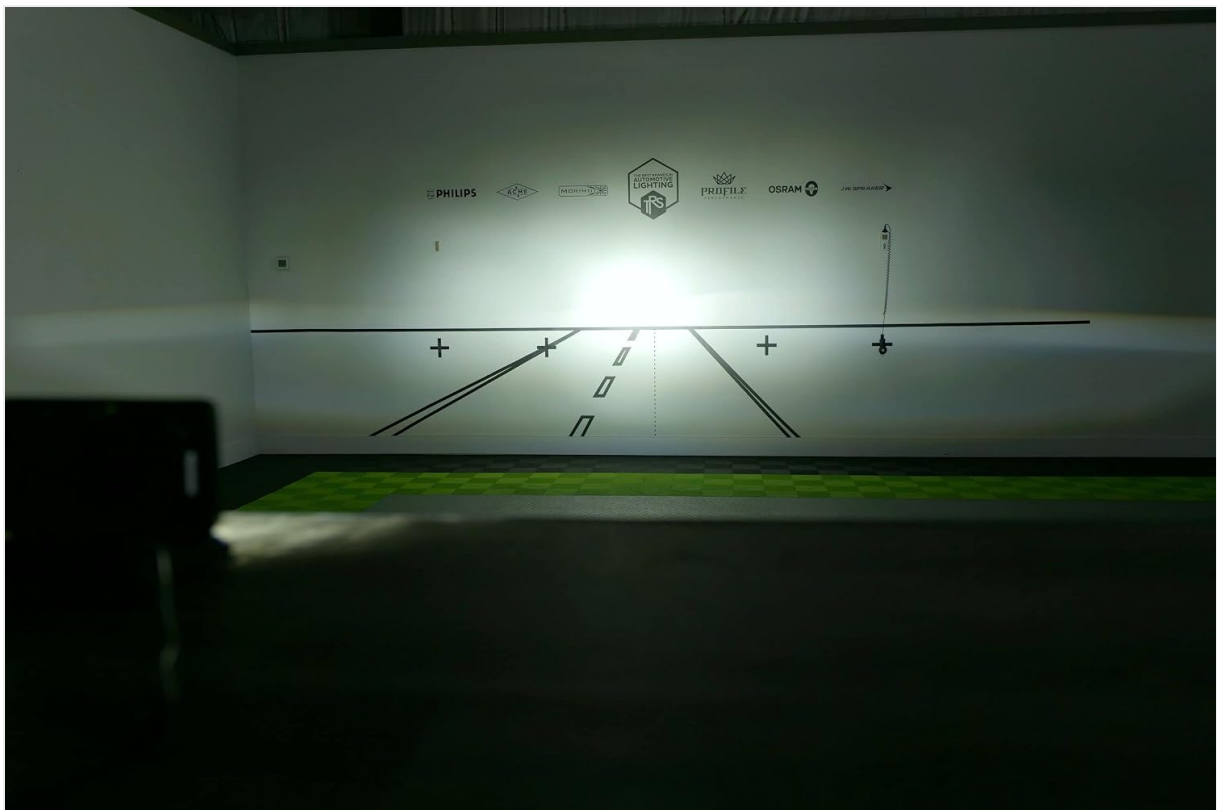


Image: Illustration of the Morimoto Sealed4 high beam pattern projected onto a wall, showing the increased light output and extended throw.

MAINTENANCE

The Morimoto Sealed4 LED headlights are designed for durability and minimal maintenance.

- **Cleaning:** Clean the UV-coated polycarbonate lenses with a soft cloth and mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the lens coating.
- **Inspection:** Periodically inspect the headlights for any signs of damage, loose connections, or debris accumulation.
- **Heat Management:** The heavy-duty die-cast housings are designed to act as efficient heat sinks, ensuring optimal LED performance and longevity. No user maintenance is required for heat management.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Headlight does not illuminate	Loose wiring connection, blown fuse, faulty unit	Check all wiring connections. Inspect vehicle's fuse box for a blown headlight fuse and replace if necessary. If problem persists, contact support.
Headlight flickers or dims	Unstable power supply, loose connection, vehicle electrical issue	Ensure connections are tight. Verify vehicle's charging system is functioning correctly. A special PWM LED driver is integrated to ensure consistent performance, but external electrical issues can still affect it.
Improper beam pattern	Incorrect installation angle, damaged optics	Verify the headlight is seated correctly in the housing. Adjust headlight aim according to local regulations. If optics appear damaged, contact support.

SPECIFICATIONS

Feature	Detail
Model Number	LF267
Compatibility	4x6 inch rectangular headlights (H4651, H4652, H4656, H4666, H6545)
Low Beam Output	2400 Lumens
High Beam Output	4300 Lumens
Light Source Type	LED (NCSW170C Series)
Optics	Kuria Optic projector lens array
Lens Material	UV-coated Polycarbonate
Housing Material	Die-cast (acts as heat sink)
Input Connector	H4 3-pin male
Voltage	12 Volts (DC)
Wattage	35 watts
Special Features	Corrosion Resistant, Dustproof, Impact Resistant, Waterproof

Feature	Detail
GTIN (UPC)	840203303726

WARRANTY INFORMATION

The Morimoto Sealed4 LED Headlights are backed by a **5 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the official Morimoto warranty documentation or contact customer support.

SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact Morimoto customer support. You can find contact information on the official Morimoto website or through your authorized dealer.

Online Resources: [Visit the Morimoto Store on Amazon](#)

PRODUCT VIDEOS

Morimoto Lighting Headlights Overview

Your browser does not support the video tag.

Video: An official overview video from The Retrofit Source (Morimoto's vendor) showcasing Morimoto Lighting Headlights, including features and performance. This video provides a general look at the product line and its benefits.