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WEELMOTO NSRG0806

WEELMOTO Headlight Assembly Instruction Manual

Model: NSRG0806

1. INTRODUCTION

Thank you for choosing WEELMOTO Headlight Assemblies. This manual provides detailed instructions for the proper installation, operation, and maintenance of your new headlights. Designed as an OE replacement, these headlights are compatible with 2008-2013 Nissan Rogue and 2014-2015 Nissan Select models, excluding those with factory HID headlights. Our products undergo rigorous testing to ensure durability and optimal performance, meeting DOT and SAE standards.

For any questions or assistance, please refer to the 'Warranty & Support' section.



Image 1.1: WEELMOTO Headlight Assemblies (Left and Right)

2. SAFETY INFORMATION

Always prioritize safety during installation and operation. If you are unsure about any step, it is recommended to seek professional assistance.

- **Electrical Safety:** Ensure the vehicle's battery is disconnected before beginning any electrical work to prevent short circuits or electrical shock.
- **Bulb Compatibility:** These headlight assemblies do not include bulbs. Please use your vehicle's stock bulbs (HB3 & H11) for installation. Do not attempt to directly replace with LED bulbs unless specifically designed for these assemblies, as this can affect light pattern and compliance.
- **Handling:** Avoid touching the glass surface of the bulbs with bare hands, as oils can reduce bulb lifespan.
- **Secure Installation:** Ensure all components are securely fastened to prevent vibration and ensure proper light alignment.



Image 2.1: Important Safety Reminder Regarding LED Bulbs

3. PACKAGE CONTENTS

Your WEELMOTO Headlight Assembly package includes the following:

- 1 x Driver Side Headlight Assembly
- 1 x Passenger Side Headlight Assembly

Please inspect all contents upon receipt to ensure everything is present and undamaged.

4. COMPATIBILITY

These headlight assemblies are designed for direct replacement in the following vehicle models:

- **Nissan Rogue:** 2008, 2009, 2010, 2011, 2012, 2013
- **Nissan Select:** 2014, 2015

Note: Not compatible with factory HID headlight models.



PERFECT FIT

06 DOT NSRGO

DOT/SAE Compliant | Meet or Exceed OEM Specifications | 100% Performance Testing

Applicable models:
2008-2013 Nissan Rogue



Image 4.1: Vehicle Compatibility Overview

5. INSTALLATION

WEELMOTO headlights feature a plug-and-play design for straightforward installation. While professional installation is recommended, experienced users can follow these steps. Bulbs are not included; please use your vehicle's stock bulbs (HB3 for high beam, H11 for low beam).

5.1. Installation Steps

1. **Preparation:** Park your vehicle on a level surface and engage the parking brake. Disconnect the negative terminal of the car battery.
2. **Access Headlight:** Carefully remove the grille, screws, clips, or retainer springs that hold the existing headlight in place. Refer to your vehicle's service manual for specific fastener locations.
3. **Remove Old Headlight:** Disconnect the wiring harness from the stock headlight and detach the old headlight

assembly.

4. **Install New Headlight:** Position the new WEELMOTO headlight assembly into the opening. Ensure it fits securely.
5. **Connect Wiring:** Reconnect the wiring that was unplugged from the old assembly. Make sure to seal the screws, clips, or retainer springs.
6. **Reassemble:** Put back the grille and secure all previously removed components.
7. **Final Check:** Reconnect the battery and test all headlight functions (low beam, high beam, turn signal, parking light).

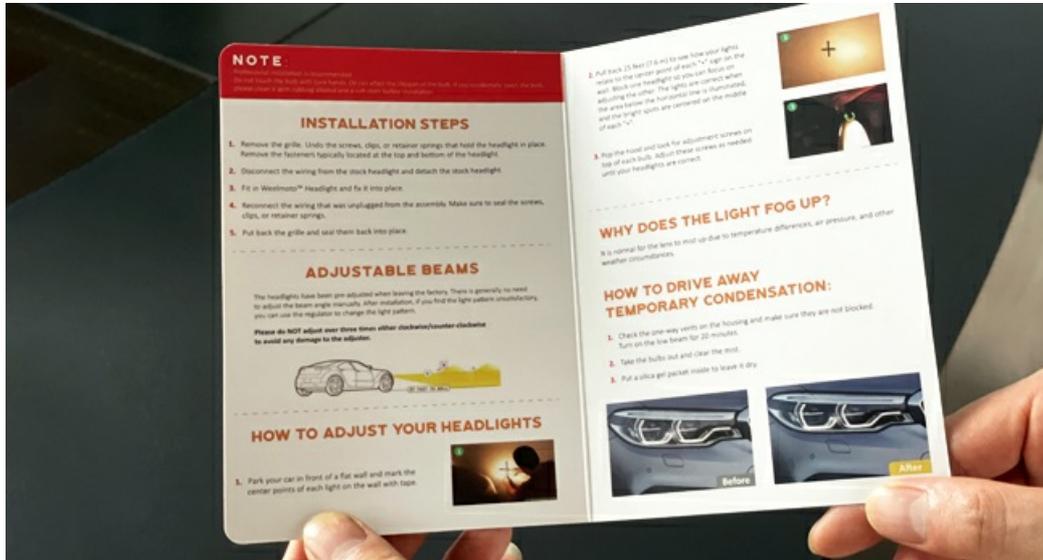


Image 5.1: Installation and Adjustment Guide

5.2. Adjustable Beams (Vertical Adjustment)

The headlights have been pre-adjusted when leaving the factory. There is generally no need to adjust the beam angle manually. If you find the light pattern unsatisfactory, use the adjusters to change the light pattern.

Do NOT adjust over three times either clockwise/counter-clockwise to avoid any damage to the adjuster.

PLUG-N-PLAY

EASY INSTALL



Image 5.2: Rear View with Adjustment Points

6. OPERATION

Your WEELMOTO headlight assemblies provide essential lighting functions for safe driving:

- **Low Beam:** Provides illumination for general driving conditions, designed to avoid dazzling oncoming traffic.
- **High Beam:** Offers maximum illumination for driving in dark conditions where no oncoming traffic is present.
- **Parking Light:** Used for visibility when parked or as daytime running lights.
- **Turn Signal:** Indicates your intended direction of travel.

FRONT DETAILS

PARKING LIGHT TURN SIGNAL

LOW BEAM

HIGH BEAM



- Bulbs are not included
- Please use stock bulbs (HB3&H11)

Image 6.1: Headlight Front Details

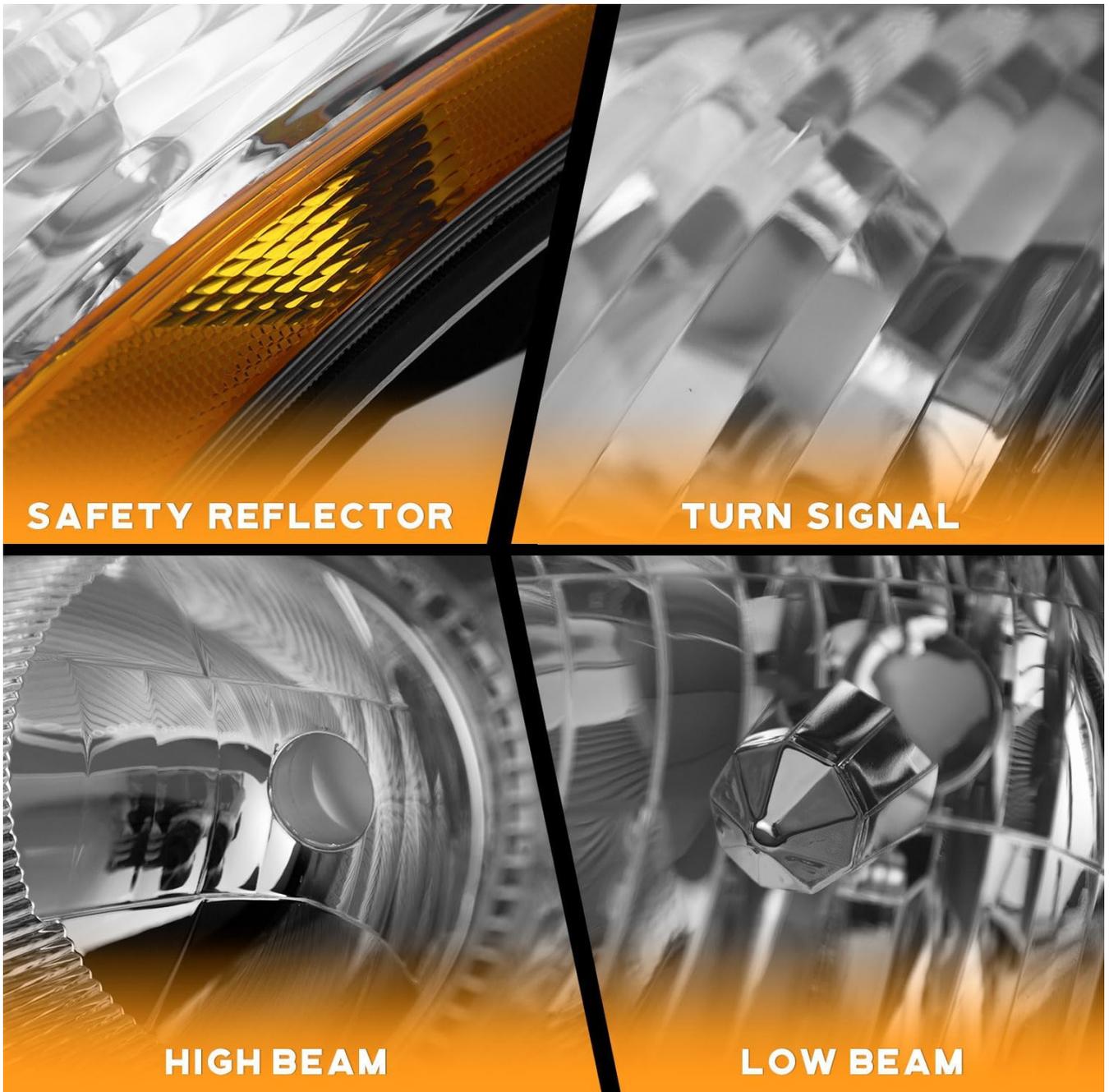


Image 6.2: Headlight Component Details

6.1. Performance Testing

WEELMOTO headlights are subjected to various tests to ensure high-level performance and durability, including water resistance, anti-aging, high/low temperature, and dust tests. This ensures optimal light output and longevity.

Video 6.1: WEELMOTO Headlights Assembly Tested: Water, Optics & More. This video demonstrates the rigorous testing processes, including water resistance, anti-aging, and dust tests, that WEELMOTO headlights undergo to ensure their durability and performance.



Image 6.3: High-Level Performance (Before & After)

7. MAINTENANCE

Proper maintenance will extend the life and maintain the clarity of your WEELMOTO headlights:

- **Cleaning:** Regularly clean the lens with a soft cloth and mild soap solution. Avoid abrasive cleaners or harsh chemicals that can damage the UV coating.
- **UV Coating:** The headlights feature a UV coating to protect against yellowing and hazing from sun exposure.
- **Condensation:** These headlights are designed with a one-way vent to prevent condensation. If temporary condensation occurs, refer to the troubleshooting section.

HIGH DURABILITY

- ANTI-HEAT
- ANTI-UV-AGING
- ANTI-FREEZING



-22°F TO 140°F EXCEEDING ALL REGULATIONS

Image 7.1: High Durability Features



Image 7.2: IP65 Certified Waterproofing

8. TROUBLESHOOTING

8.1. Temporary Condensation

It is normal for the lens to mist up due to temperature differences, air pressure, and other weather conditions. This is temporary and does not indicate a defect.

How to Drive Away Temporary Condensation:

1. Check the one-way vents in the housing and make sure they are not blocked.
2. Turn on the low beam for 20 minutes.
3. Take the bulbs out and clear the mist.
4. Put a silica gel packet inside to help absorb moisture.

8.2. Bulbs Not Included

As noted in the installation section, bulbs are not included with these headlight assemblies. Please ensure you use your vehicle's original stock bulbs (HB3 for high beam, H11 for low beam) for proper function and fitment.

9. SPECIFICATIONS

Feature	Detail
Brand	WEELMOTO
Model Number	NSRG0806
Color	3-Clear Lens Black Housing Amber Reflector
Specific Uses For Product	Head Lights
Vehicle Service Type	Compatible with 2008-2013 Nissan Rogue and 2014-2015 Nissan Select (Not compatible with factory HID headlight models)
Year	2008 (Applicable to 2008-2013 Rogue, 2014-2015 Select)
Special Feature	High Beam, Low Beam, Pair of headlights (driver and passenger sides), Waterproof
Wattage	60 watts
Auto Part Position	Front Outside
Lens Color	Crystal Clear
Lens Material	Polycarbonate
Item Weight	15.72 pounds
Package Dimensions	23.8 x 22.2 x 14 inches

10. WARRANTY & SUPPORT

WEELMOTO stands behind the quality of its products with a **4-year peace-of-mind assurance period**. We also offer a **1-to-1 service** for any concerns you may have.

If you encounter any issues with your product after receiving it, please contact WEELMOTO directly through the platform where you made your purchase. Look for the 'Ask a question' option to ensure you receive prompt assistance and avoid additional charges.

