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Eagle Eye Lights DS661-B101R

Eagle Eyes DS661-B101R Headlight Instruction Manual

MODEL: DS661-B101R

Brand: Eagle Eye Lights

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of your Eagle Eyes DS661-B101R Headlight. This product is an OE-comparable replacement headlight assembly designed to meet or exceed the highest national certification requirements, including ISO 9001:2000 and ISO/TS 16949:2009, and is SAE/DOT compliant.

What's in the Box:

- Passenger Side Headlamp Lens/Housing

Please read this manual thoroughly before proceeding with installation or use.

2. Safety Information

Always prioritize safety when working on your vehicle. Disconnect the vehicle's battery before beginning any electrical work to prevent accidental short circuits or electrical shock. Wear appropriate personal protective equipment, such as safety glasses and gloves.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

Ensure the vehicle is stable and secure before working underneath or around it. If you are unsure about any step, consult a qualified automotive technician.

3. Installation Guide

The Eagle Eyes DS661-B101R Headlight is designed as an OE-comparable replacement, meaning it is built to fit and function like the original factory assembly. No assembly is required for the headlight unit itself.



Image: Eagle Eyes DS661-B101R Headlight Assembly. This image shows the complete headlight unit, featuring clear lens, amber turn signal reflector, and multiple light chambers for high beam, low beam, and parking lights.

General Installation Steps:

- 1. Prepare the Vehicle:** Park the vehicle on a level surface and engage the parking brake. Open the hood.
- 2. Disconnect Battery:** For safety, disconnect the negative terminal of the vehicle's battery.
- 3. Access Headlight Assembly:** Depending on your vehicle model, you may need to remove grille components, bumper clips, or fender liners to access the headlight mounting bolts. Refer to your vehicle's service manual for specific instructions.
- 4. Remove Old Headlight:** Disconnect the electrical connectors from the old headlight assembly. Unbolt and carefully remove the old headlight unit.
- 5. Install New Headlight:** Connect the electrical connectors to the new Eagle Eyes DS661-B101R Headlight. Position the new headlight assembly into its mounting location and secure it with the bolts removed earlier. Ensure it is seated correctly and flush with the vehicle body.
- 6. Reconnect Battery:** Reconnect the negative terminal of the vehicle's battery.
- 7. Test Functionality:** Turn on the vehicle's lights (headlights, high beams, turn signals, parking lights) to ensure all functions are working correctly.
- 8. Reassemble:** Reinstall any removed grille components, bumper clips, or fender liners.

Note: Specific installation procedures may vary by vehicle make and model. Always consult your vehicle's owner's manual or a professional mechanic if you are unsure.

4. Operation

The Eagle Eyes DS661-B101R Headlight functions as a direct replacement for your vehicle's original headlight. It is designed to provide optimal illumination for safe driving and is SAE/DOT compliant, ensuring it meets regulatory standards for automotive lighting.

Key Functions:

- Low Beam:** Provides standard illumination for general driving conditions, designed to illuminate the road

ahead without blinding oncoming traffic.

- **High Beam:** Offers maximum illumination for driving in dark areas where no oncoming traffic is present.
- **Turn Signal:** The integrated amber reflector functions as a turn signal indicator, alerting other drivers to your intended turns or lane changes.
- **Parking Light:** Provides low-level illumination for visibility when parked.

Operate the headlight functions using your vehicle's standard light controls (e.g., steering column stalk, dashboard switches).

5. Maintenance

Proper maintenance will extend the life and performance of your headlight assembly. The Eagle Eyes DS661-B101R Headlight is designed to be waterproof, offering protection against environmental elements.

Cleaning:

- Regularly clean the exterior lens of the headlight with a soft cloth and mild soap and water.
- Avoid abrasive cleaners or harsh chemicals, as these can damage the lens surface.
- Rinse thoroughly with clean water and dry with a soft, lint-free cloth to prevent water spots.

Bulb Replacement:

While the headlight assembly itself is a sealed unit, the bulbs inside may eventually need replacement. Refer to your vehicle's owner's manual for specific instructions on how to access and replace the headlight bulbs (e.g., low beam, high beam, turn signal, parking light bulbs). Ensure you use the correct bulb type and wattage as specified by your vehicle manufacturer.

Note: Always handle new bulbs by their base to avoid transferring oils from your skin to the glass, which can shorten bulb life.

6. Troubleshooting

If you experience issues with your new headlight, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Headlight not working	Blown fuse, faulty bulb, loose electrical connection, wiring issue.	Check vehicle's fuse box for a blown headlight fuse and replace if necessary. Inspect bulb filaments and replace any burnt-out bulbs. Ensure all electrical connectors are securely attached. Inspect wiring for damage.
Headlight is dim	Aging bulb, poor electrical connection, dirty lens.	Replace the bulb. Check and clean electrical connections. Clean the headlight lens thoroughly.
Moisture inside headlight	Condensation (normal in some conditions), seal compromise.	Small amounts of condensation that dissipate quickly are normal. If persistent or excessive, check for proper sealing around the assembly and ensure all caps/covers are securely in place. If the unit is damaged, replacement may be necessary.

If these steps do not resolve the issue, it is recommended to consult a professional automotive technician.

7. Specifications

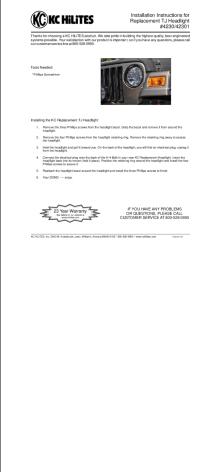
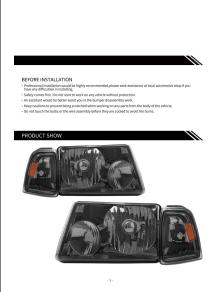
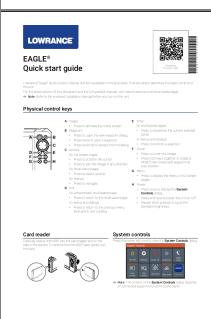
Feature	Detail
Brand	Eagle Eye Lights
Model	DS661-B101R
Item Weight	10.12 pounds
Package Dimensions	22.78 x 12.64 x 10.74 inches
Color	Clear
Specific Uses For Product	Head Lights
Vehicle Service Type	Car
Special Feature	Waterproof
Wattage	6E+1
Auto Part Position	Right
Lens Color	Clear
UPC	889521003871
Assembly Required	No
Manufacturer	Eagle Eyes
OEM Part Number	25.70025ZB900
Global Trade Identification Number	00889521003871
Manufacturer Part Number	DS661-B101R
ABPA Partslink Number	NI2519104
Exterior	Polished
Date First Available	March 31, 2012

8. Warranty and Support

For information regarding warranty coverage, please refer to the terms and conditions provided by the original retailer or contact the manufacturer directly. This product is manufactured by Eagle Eyes.

If you require technical assistance or have questions not covered in this manual, please contact the seller from whom you purchased the product (e.g., WooParts247) or the manufacturer, Eagle Eyes, through their official support channels.

Related Documents - DS661-B101R

	<p>Ducati LED Headlight Upgrade Instructions Eagle Lights</p> <p>Step-by-step installation guide for the Eagle Lights Ducati LED Headlight Upgrade Kit. Includes product overview, safety warnings, and installation procedures for Ducati motorcycles.</p>
	<p>Dualvision H7 LED Headlight Bulb Installation Guide</p> <p>Step-by-step instructions for installing Dualvision H7 LED premium headlight bulbs, covering removal of old bulbs, adapter installation, and connection.</p>
	<p>KC HiLiTES Replacement TJ Headlight Installation Guide (#4230/42301)</p> <p>Step-by-step installation instructions for the KC HiLiTES Replacement TJ Headlight (models #4230 and #42301). Learn how to easily upgrade your Jeep Wrangler TJ's headlights with this guide.</p>
	<p>Lowrance Eagle Series Operator Manual: Your Guide to Advanced Marine Navigation</p> <p>Explore the Lowrance Eagle Series fishfinders and chartplotters with this comprehensive operator manual. Learn about basic operation, charts, sonar, navigation, and system settings for your Eagle 5, Eagle 7, and Eagle 9 units.</p>
	<p>Automotive Headlight Installation and Adjustment Guide</p> <p>Comprehensive guide for installing and adjusting automotive headlights. Includes step-by-step instructions, safety precautions, bulb size specifications, and vertical aim adjustment procedures for optimal road illumination.</p>
	<p>Lowrance Eagle Quick Start Guide</p> <p>A quick start guide for the Lowrance Eagle multi-function display (MFD), covering physical controls, system controls, chart navigation, waypoint management, route creation, and sonar functionalities like Sonar, SideScan, and DownScan.</p>

