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› Indian Motorcycle Headlight Assembly, LED, Position, Genuine OEM Part 2415339, Qty 1

Indian Motorcycle 2415339

Indian Motorcycle Headlight Assembly User Manual

Model: 2415339

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Indian Motorcycle Headlight Assembly, LED, Position, Part 2415339. This 7-inch LED, reflector-style headlight includes a built-in position light. It is engineered and rigorously tested by Indian Motorcycle to ensure durability, high quality, and optimal performance.

This accessory is designed to fit various Indian Motorcycle models, including:

- 2023-2024 Indian Springfield Dark Horse
- 2022 Chieftain Dark Horse Icon
- 2021-2022 Roadmaster Limited
- 2020-2023 Chieftain Limited
- 2020-2022 Roadmaster Dark Horse
- 2020-2022 Chieftain Dark Horse
- 2020-2021 Chieftain Elite



Figure 1: Indian Motorcycle Headlight Assembly, Model 2415339. This image shows the complete headlight unit with its wiring harness, ready for installation.

2. SAFETY INFORMATION

WARNING:

- Always disconnect the motorcycle's battery before performing any electrical work to prevent electrical shock or damage to the system.
- Ensure the motorcycle is stable and secured on a level surface before beginning installation.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, during installation.
- If you are unsure about any part of the installation process, consult a qualified Indian Motorcycle service technician.
- Improper installation can lead to malfunction, damage to the motorcycle, or personal injury.

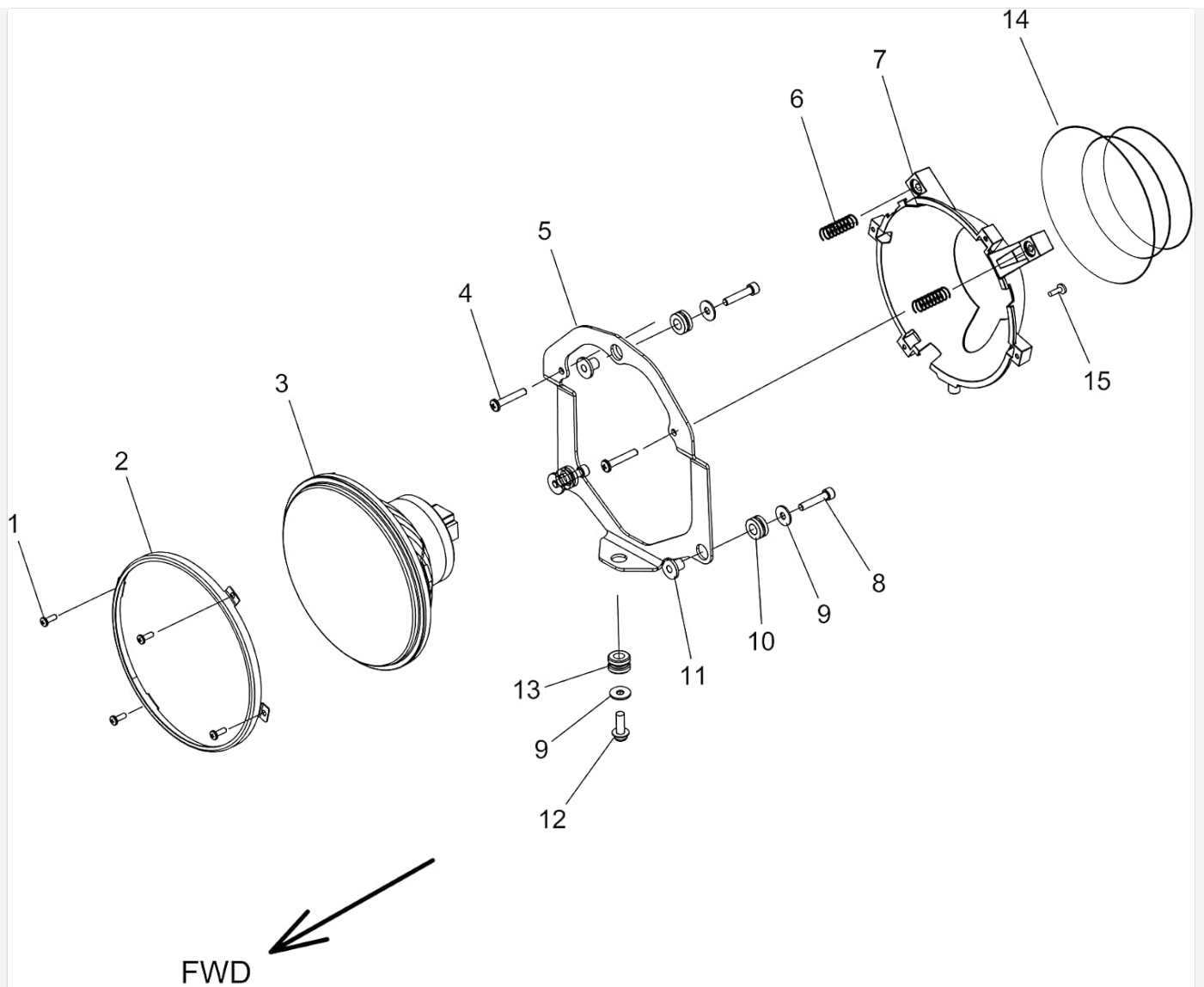
3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1x Headlight Assembly, LED, Position (Part 2415339)
- Installation Hardware (as required for specific motorcycle models, typically included with the assembly)

4. SETUP AND INSTALLATION

This section outlines the general steps for installing the headlight assembly. Specific procedures may vary slightly depending on your motorcycle model. Refer to your motorcycle's service manual for detailed instructions on removing existing components.



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Figure 2: Exploded view of the Headlight Assembly. This diagram illustrates the individual components and their relative positions for assembly, including the headlight unit (3), retaining ring (2), screws (1), mounting bracket (5), and various fasteners (4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15).

Required Tools:

- Basic hand tools (screwdrivers, wrenches, etc.)
- Torque wrench (for proper fastener tightening)
- Motorcycle service manual (for model-specific instructions)

Installation Steps:

1. Preparation:

- Park the motorcycle on a firm, level surface.
- Turn off the ignition and remove the key.
- Disconnect the negative (-) battery cable to prevent accidental electrical shorts.
- Allow the existing headlight to cool down if it has been recently used.

2. Remove Existing Headlight:

- Carefully remove the headlight bezel or retaining ring, typically secured by screws (refer to Figure 2, item 1 and 2).
- Gently pull the existing headlight assembly forward from its housing.
- Disconnect the electrical connector(s) from the back of the headlight.
- Remove the old headlight assembly.

3. Install New Headlight Assembly:

- Connect the electrical connector(s) from the motorcycle's wiring harness to the new Indian Motorcycle Headlight Assembly (Part 2415339). Ensure connections are secure.
- Carefully guide the new headlight assembly into the headlight housing, ensuring all wires are tucked away and not pinched.
- Align the headlight assembly with the mounting points in the housing.
- Secure the headlight assembly using the retaining ring and screws (Figure 2, items 1 and 2). Tighten screws to the manufacturer's specified torque.
- If applicable, install any additional mounting brackets or components as shown in Figure 2 (items 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15).

4. Final Checks:

- Reconnect the negative (-) battery cable.
- Turn on the ignition and test the headlight functions (low beam, high beam, position light).
- Adjust the headlight aim if necessary. Refer to your motorcycle's service manual for proper headlight aiming procedures.
- Ensure all fasteners are tightened and components are securely in place.

5. OPERATING INSTRUCTIONS

The Indian Motorcycle Headlight Assembly (Part 2415339) operates in conjunction with your motorcycle's existing electrical system and controls. Once properly installed, its functions are controlled via the motorcycle's standard headlight switch and high/low beam selector.

- **Low Beam:** Provides illumination for general riding conditions, designed to illuminate the road ahead without blinding oncoming traffic.
- **High Beam:** Provides maximum illumination for riding in dark conditions where no oncoming traffic is present.
- **Position Light:** The integrated position light provides additional visibility for the motorcycle, especially during daytime or twilight hours. This light typically activates automatically with the ignition or low beam.

Always ensure your headlight is clean and free from obstructions for optimal performance and visibility.

6. MAINTENANCE

The LED headlight assembly is designed for long-term, maintenance-free operation. However, regular inspection and cleaning are recommended:

- **Cleaning:** Clean the headlight lens regularly with a soft cloth and mild soap and water. Avoid abrasive cleaners or solvents that could damage the lens.
- **Inspection:** Periodically check the headlight for any signs of damage, cracks, or loose connections. Ensure the mounting hardware remains secure.
- **Wiring:** Inspect the wiring harness for any fraying, cuts, or corrosion.

No user-serviceable parts are inside the sealed LED headlight unit. Do not attempt to disassemble the unit.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Headlight does not turn on.	- Loose electrical connection. - Blown fuse. - Faulty headlight switch. - Wiring issue.	- Check and secure all electrical connections to the headlight. - Inspect the motorcycle's fuse box and replace any blown fuses (refer to your motorcycle's service manual for fuse locations). - Test the headlight switch for proper operation. - Inspect wiring for damage. If issues persist, consult a qualified technician.
Headlight flickers or is dim.	- Poor electrical connection. - Low battery voltage. - Corroded terminals.	- Ensure all connections are clean and tight. - Check motorcycle battery voltage and charging system. - Clean any corroded terminals.
Headlight aim is incorrect.	- Improper adjustment during installation. - Loose mounting.	- Adjust the headlight aim according to your motorcycle's service manual. - Ensure the headlight assembly is securely mounted.

For issues not covered here, or if troubleshooting steps do not resolve the problem, contact Indian Motorcycle customer support or an authorized service center.

8. SPECIFICATIONS

Feature	Detail
Brand	Indian Motorcycle
Model Number	2415339
OEM Part Number	2415339
Specific Uses For Product	Head Lights
Vehicle Service Type	Motorcycle
Special Feature	Waterproof
Lens Color	Amber
UPC	194722295025
Assembly Required	Yes
Automotive Fit Type	Vehicle Specific Fit

9. WARRANTY AND SUPPORT

This Indian Motorcycle Headlight Assembly (Part 2415339) is a Genuine OEM Part, designed and manufactured to the highest standards. For specific warranty information, please refer to the warranty documentation provided with your motorcycle or contact an authorized Indian Motorcycle dealer.

For technical support or assistance with installation, please contact your authorized Indian Motorcycle dealer or visit the official Indian Motorcycle website for support resources.

[Visit Indian Motorcycle Official Website](#)

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Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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