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> [KEMIMOTO 2024-2025 Polaris RZR XP 1000 LED Headlight User Manual](#)

KEMIMOTO KMB0801-05302-CL

KEMIMOTO LED Headlight User Manual

Model: KMB0801-05302-CL

SAFETY INFORMATION

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in damage to the product, vehicle, or personal injury.

- Ensure the vehicle's power is off and the battery is disconnected before beginning installation to prevent electrical shock or short circuits.
- Wear appropriate safety gear, including eye protection and gloves, during installation.
- Do not modify the product or its components. Unauthorized modifications may void the warranty and compromise safety.
- Ensure all connections are secure and properly insulated to prevent water ingress and electrical issues.
- If you are unsure about any part of the installation process, seek professional assistance.

PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- KEMIMOTO LED Headlight Assembly (2 units)
- Wiring Harness (pre-attached or included for plug-and-play)
- Instruction Manual (this document)

SPECIFICATIONS

Feature	Detail
Model	KMB0801-05302-CL
Light Source Type	LED

Power	24 Watts (per headlight)
Voltage	12 Volts
Waterproof Rating	IP67
Material	PC (Polycarbonate) for lampshade and body
Lifespan	Over 50,000 hours
Modes	Low Beam, High Beam, Turn Signals (Amber Water Steering), Daily Running Light (DRL)
OEM Replacement Part Numbers	2415416, 2415417

COMPATIBILITY

These LED headlights are compatible with the following Polaris RZR XP 1000 models:

- 2024+ Polaris RZR XP 1000 Sport
- 2024+ Polaris RZR XP 1000 Premium
- 2024+ Polaris RZR XP 1000 Ultimate
- 2024+ Polaris RZR XP 1000/4 models

Compatible with

2024+ RZR XP 1000/4 1000 Sport

2024+ RZR XP 1000/4 1000 Premium

2024+ RZR XP 1000/4 1000 Ultimate



Image: Polaris RZR XP 1000 UTV demonstrating compatibility with the KEMIMOTO LED Headlights.

INSTALLATION INSTRUCTIONS

Follow these steps for proper installation. This product is designed for plug-and-play installation.

Installation Video Guide

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Video: A detailed installation guide for the KEMIMOTO LED Headlights on a Polaris RZR XP 1000. This video demonstrates the process of removing the original vehicle cover and headlights, installing the new wiring harness and headlights, and reattaching the cover.

- 1. Prepare the Vehicle:** Ensure the vehicle is parked on a level surface and the engine is off. Disconnect the battery's negative terminal to prevent electrical shock or short circuits.
- 2. Remove Original Vehicle Cover and Headlights:**
Carefully remove the original vehicle cover and then detach the existing headlights. This typically involves unscrewing fasteners and unclipping connectors.



Image: Illustration of removing fasteners to detach the original vehicle cover and headlight assembly.

- 3. Install New Headlight Assembly:**
Position the new KEMIMOTO LED Headlight assembly into the designated slot. Secure it using the original fasteners or any provided with the new assembly.



Image: Rear view of the KEMIMOTO LED Headlight, highlighting the wiring harness connection for installation.

- 4. Connect Wiring Harness:**
Connect the wiring harness from the new headlight to the vehicle's existing electrical connectors. Ensure a secure and tight connection. This product is designed for plug-and-play functionality.
- 5. Reinstall Vehicle Cover:**
Once the headlights are securely installed and wired, carefully reattach the vehicle's original cover, ensuring all clips and fasteners are properly engaged.
- 6. Reconnect Battery and Test:** Reconnect the vehicle's battery. Turn on the vehicle and test all headlight functions: low beam, high beam, DRL, and turn signals.

OPERATING INSTRUCTIONS

The KEMIMOTO LED Headlights feature four distinct lighting modes, controlled by your vehicle's standard light switches.

- **Low Beam:** Provides standard illumination for general driving conditions.
- **High Beam:** Offers increased light output for enhanced visibility in dark conditions.
- **Daily Running Light (DRL):** A constant, lower intensity light for improved daytime visibility.
- **Turn Signals (Amber Water Steering):** Amber lights that activate when the turn signal is engaged, providing clear indication of your intended direction.

UTV LED Headlight

4 Working Modes

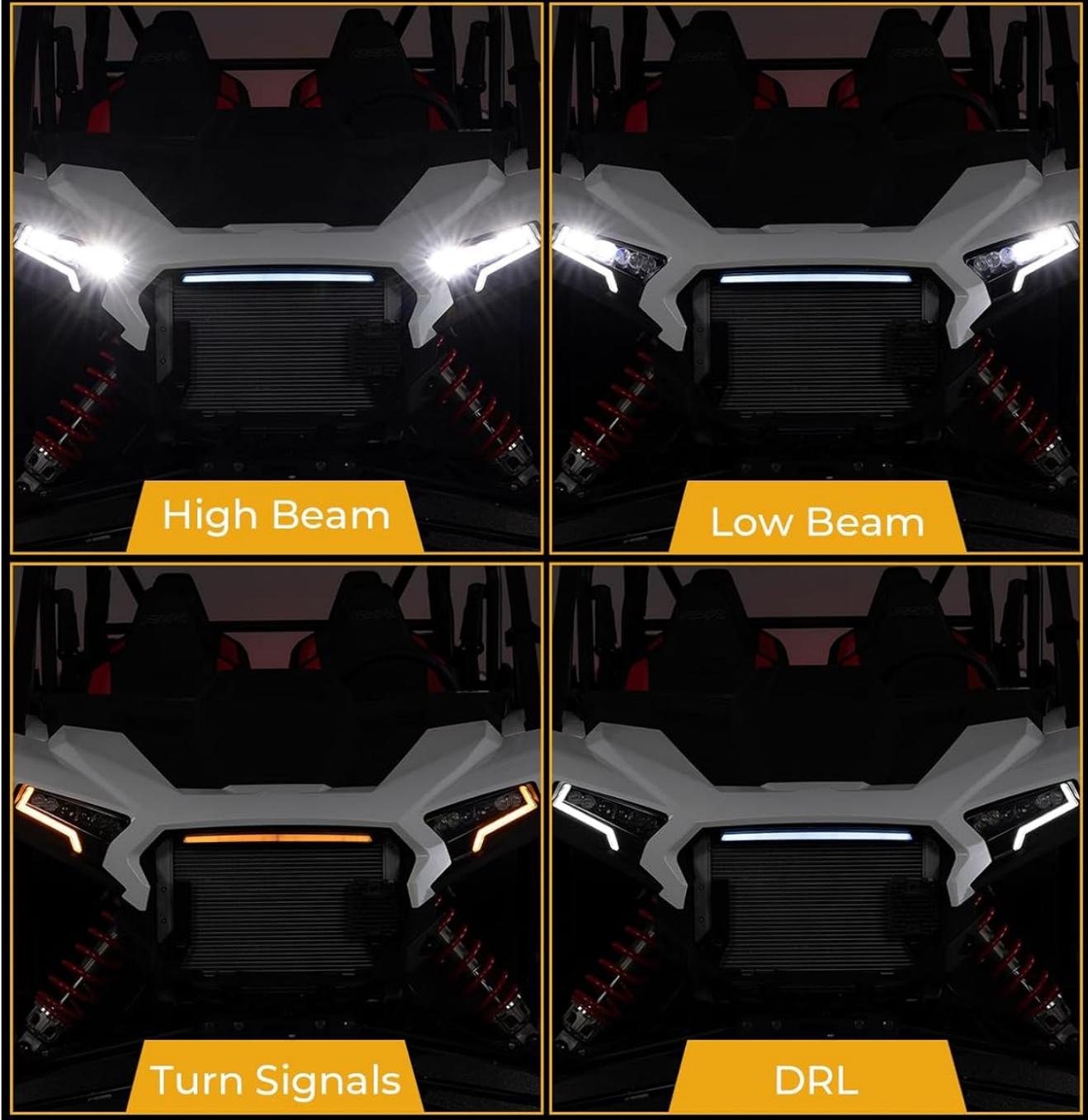


Image: Visual representation of the four operating modes: High Beam, Low Beam, Turn Signals, and Daily Running Lights (DRL).

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your LED headlights.

- **Cleaning:** Clean the headlight lenses regularly with a soft cloth and mild soap and water. Avoid abrasive

cleaners or harsh chemicals that could damage the polycarbonate material.

- **Inspection:** Periodically inspect the wiring and connections for any signs of wear, corrosion, or damage. Ensure all fasteners are tight.
- **Waterproof Integrity:** The IP67 rating ensures protection against dust and water immersion. However, avoid directing high-pressure water jets directly at the headlight seals for extended periods.

Waterproof IP67

Can be used in any weather
Over 50,000 hours life span

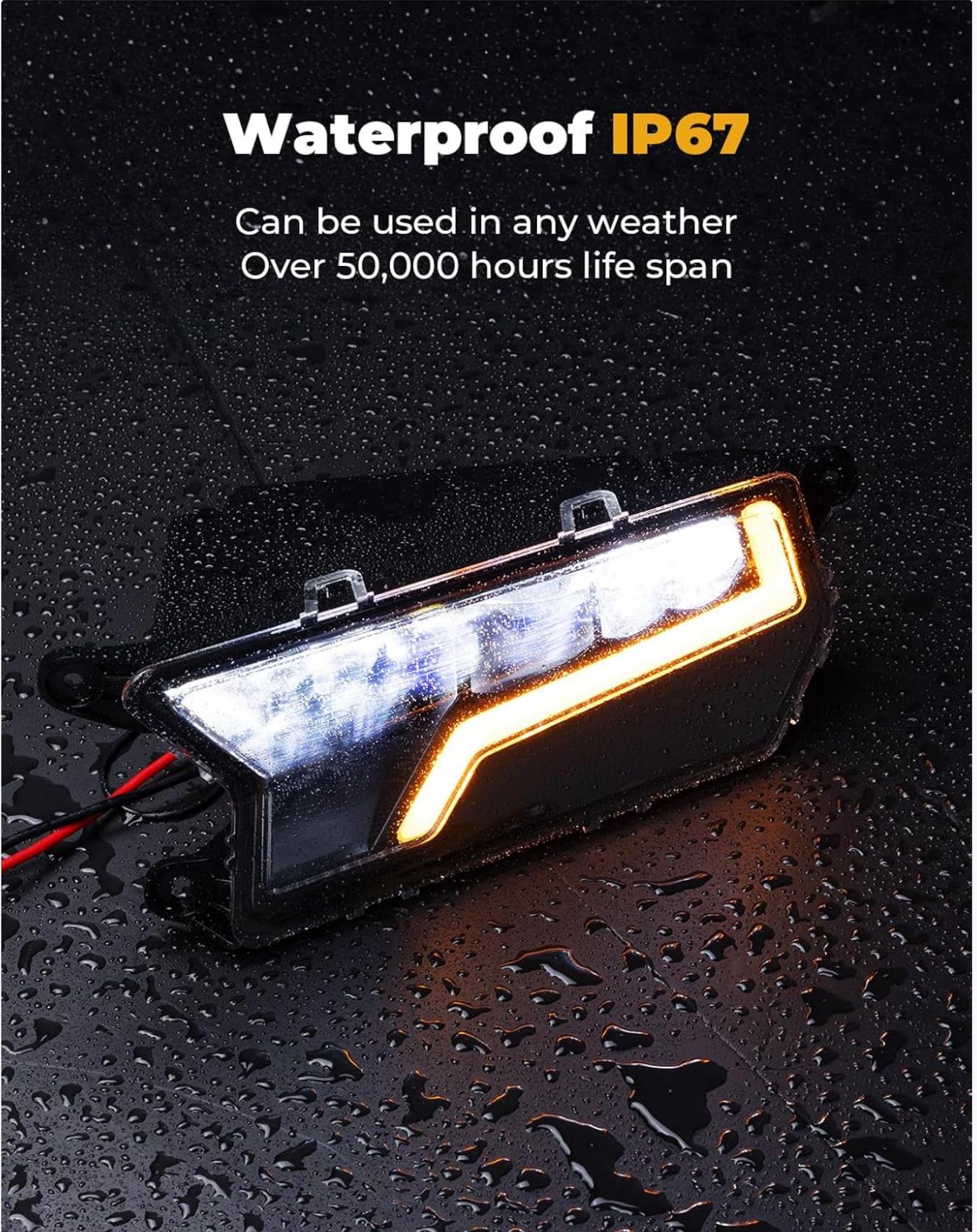


Image: The headlight demonstrating its IP67 waterproof rating, suitable for various weather conditions.

TROUBLESHOOTING

If you encounter issues with your KEMIMOTO LED Headlights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Headlights not turning on	Loose wiring connection, blown fuse, incorrect installation.	Check all wiring connections for tightness. Inspect vehicle's fuse box for a blown headlight fuse and replace if necessary. Re-verify installation steps.
One headlight not working	Faulty connection to that specific headlight, damaged headlight unit.	Check the wiring harness connection for the non-functional headlight. If connections are secure, the unit may be faulty and require replacement.
Flickering lights	Unstable power supply, loose connection.	Ensure battery terminals are clean and tight. Check all wiring connections for looseness.
Turn signals not functioning correctly	Incorrect wiring for turn signal function, vehicle's flasher relay issue.	Review the wiring for the turn signal connections. Consult a professional if the vehicle's flasher relay is suspected.

If the problem persists after attempting these solutions, please contact KEMIMOTO customer support for further assistance.

WARRANTY AND SUPPORT

KEMIMOTO products are manufactured to high-quality standards. For warranty information, product support, or to report any issues, please refer to the contact information provided with your purchase or visit the official KEMIMOTO website.

Please retain your proof of purchase for warranty claims.