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AUXBEAM ZD000650-CA

Auxbeam 3-Inch LED Pod Lights: Amber White 6-Mode Offroad Instruction Manual

Model: ZD000650-CA

1. Introduction

Thank you for choosing Auxbeam 3-Inch LED Pod Lights. These high-performance offroad lights are designed to provide versatile illumination with six distinct lighting modes, including amber and white light, spot and flood beam patterns, and strobe functions. Engineered for durability and ease of use, they are suitable for various offroad vehicles such as Jeeps, Trucks, ATVs, UTVs, and SUVs.

This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your Auxbeam LED Pod Lights.

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Video 1: Overview of Auxbeam 3-Inch Flood Light Pods with Red Frame Design. This video showcases the physical appearance and design features of the 3-inch LED pod lights.

2. Package Contents

Please verify that all items listed below are included in your package:

- 2 x Auxbeam 3-Inch LED Pod Lights
- 1 x Wiring Harness with Switch Controller
- 1 x Mounting Brackets Kit (including bolts, nuts, and washers)
- 1 x User Guide
- 1 x Auxbeam Brand Sticker



Image 1: Contents of the Auxbeam 3-Inch LED Pod Lights package. Shows two LED pods, a wiring harness, mounting hardware, a user guide, and an Auxbeam sticker.

3. Specifications

Feature	Detail
Model Number	ZD000650-CA
Dimensions	3 Inch Cube (approx. 80x75x75mm)
Wattage	72 Watts (per pair)
Lumens	7200lm (per pair)
Voltage	12 Volts
Amperage	6 Amps
Bulb Type	LED
Light Colors	Amber (2000K Flood), White (6500K Spot)
Lighting Modes	6 Modes (White, Amber, White & Amber, Strobe White, Strobe Amber, White & Amber Strobe)

Feature	Detail
Waterproof Rating	IP68
Housing Material	Aluminum
Lifespan	>50,000 hours

Image 2: Illustration of the IP68 waterproof rating and robust design of the Auxbeam LED Pod Lights, highlighting their suitability for harsh environments.



Image 3: Visual representation of the dual-color functionality, showing both white (6500K spot) and amber (2000K flood) light outputs.

4. Safety Information

- Always disconnect the vehicle's battery before beginning any electrical installation.
- Ensure proper wiring connections (positive to positive, negative to negative) to prevent damage to the lights or vehicle's electrical system.
- Do not look directly into the LED lights when they are illuminated, as this may cause eye strain or damage.
- Mount the lights securely to prevent vibration or detachment during vehicle operation.
- Consult a professional if you are unsure about any installation steps.

5. Setup and Installation

5.1 Mounting the LED Pod Lights

1. Identify the desired mounting location on your vehicle (e.g., bumper, A-pillar, roof rack).
2. Attach the provided mounting brackets to the LED pod lights using the supplied hardware.
3. Securely fasten the assembled lights to your chosen location on the vehicle. Ensure the lights are stable and properly aligned.

5.2 Wiring Diagram and Connection

The Auxbeam LED Pod Lights come with a pre-assembled wiring harness for simplified installation. Follow the diagram below for correct connections:



Image 4: Detailed wiring diagram for the Auxbeam LED Pod Lights, illustrating connections for power, ground, and the switch controller.

- Connect the **Red Wire** from the harness to the positive (+) terminal of your vehicle's battery.
- Connect the **Black Wire** from the harness to the negative (-) terminal or a suitable ground point on your vehicle.
- Connect the **Yellow Wire** (if present and applicable for memory function) as per the specific instructions provided with your wiring harness.
- Plug the connectors from the LED Pod Lights into the corresponding connectors on the wiring harness.
- Mount the switch controller in a convenient location within your vehicle's cabin.

6. Operating Instructions

Your Auxbeam LED Pod Lights feature 6 distinct lighting modes and a memory function for enhanced convenience. The included wiring harness with a switch controller allows for easy mode selection.

6.1 Switching Lighting Modes

Use the MODE button on the switch controller to cycle through the following 6 lighting modes:

1. White Light
2. Amber Light
3. White & Amber Light
4. Strobe White
5. Strobe Amber

6. White & Amber Strobe

6.2 Memory and Reset Function

- **Memory Function:** The lights will automatically restore to the last used lighting mode when powered on again.
- **Reset Function:** If the lights become out of sync or you wish to reset to the default white light mode, press and hold the MODE button for 3 seconds.



Image 5: Visual guide to the 6 lighting modes and the memory/reset functions controlled by the switch. Demonstrates the appearance of each mode.

Your browser does not support the video tag.

Video 2: Demonstration of Auxbeam LED Pod Lights (4-inch model shown) cycling through the six lighting modes and utilizing the memory function. Note: The video features a 4-inch model, but the mode switching functionality is identical for the 3-inch model.

7. Maintenance

- Regularly clean the lens of the LED lights with a soft cloth and mild soap to remove dirt and debris, ensuring maximum light output.
- Inspect wiring and connections periodically for any signs of wear, corrosion, or damage. Replace any compromised components immediately.
- Ensure mounting hardware remains tight to prevent vibration and potential damage to the lights or vehicle.

8. Troubleshooting

- **Lights Not Turning On:**
  - Check all wiring connections for proper contact and polarity.
  - Verify the vehicle's battery has sufficient charge.
  - Inspect the fuse in the wiring harness for any breaks.
- **Lights Flickering or Dim:**
  - Ensure all connections are secure and free from corrosion.
  - Check for adequate voltage supply from the vehicle.
- **Modes Out of Sync:**
  - Press and hold the MODE button on the switch controller for 3 seconds to reset the lights to white mode and re-synchronize.
- **Condensation Inside Lens:**
  - While the lights are IP68 rated, extreme temperature changes can sometimes cause minor condensation. This usually dissipates on its own. If persistent or excessive, contact customer support.

9. Warranty and Support

Auxbeam guarantees a **One-year warranty** for this product. If you encounter any issues or require assistance, please do not hesitate to contact the professional Auxbeam customer service team. They are available 24 hours to provide support.

For support, please visit the official Auxbeam website or refer to the contact information provided in your user guide.

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