Blogole CP1C2190US

Blogole LED Headlight Installation and Operation Manual

Model: CP1C2190US

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your new Blogole LED Headlight. This product is designed as a replacement or upgrade for Club Car Precedent Gas & Electric golf cart models manufactured from 2004 onwards. It replaces OEM part numbers 102524801 and 1025248-01.

The Blogole LED Headlight offers enhanced brightness and energy efficiency compared to traditional halogen lamps, improving visibility and safety during operation.



Figure 1: Blogole LED Headlight for Club Car Precedent Golf Cart. This image shows the complete LED headlight unit with its integrated bumper, ready for installation.

2. Safety Information

Please read and understand all safety instructions before attempting installation or operation. Failure to follow these instructions may result in injury or damage to the product or golf cart.

- Always disconnect the golf cart's battery before performing any electrical work to prevent electrical shock.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- Ensure the golf cart is turned off and the parking brake is engaged before starting any work.
- If your golf cart operates at 36V or 48V, a 12V voltage reducer (not included) is required to prevent damage to the LED headlight. Operating the light directly on higher voltages will burn out the unit.
- If you are unsure about any step, consult a qualified technician.

3. Package Contents

Verify that all items are present in the package:

- 1 x Blogole LED Headlight with Bumper (Model: CP1C2190US)

Note: A golf cart wiring harness and voltage reducer (if needed for 36V/48V systems) are NOT included and must be purchased separately.

4. Installation Instructions

Follow these steps for proper installation of the Blogole LED Headlight:

1. **Prepare the Golf Cart:** Ensure the golf cart is powered off and the battery is disconnected. Engage the parking brake.
2. **Remove Existing Headlight (if applicable):** Carefully remove any existing headlight unit and its wiring.
3. **Voltage Check:** Confirm your golf cart's voltage. If it is 36V or 48V, you **must** install a 36V-12V or 48V-12V voltage reducer (not included) before connecting the LED headlight. The Blogole LED Headlight operates at 12V.
4. **Position the New Headlight:** Place the Blogole LED Headlight unit into the designated opening on the front of your Club Car Precedent golf cart.
5. **Secure the Headlight:** Fasten the headlight unit securely using the appropriate mounting hardware (typically existing screws or new ones provided with a separate bumper kit, if applicable).
6. **Connect Wiring:** The headlight features an original plug docking design for easy connection. Connect the headlight's wiring to your golf cart's 12V power source. Ensure correct polarity (positive to positive, negative to negative). Refer to Figure 2 for a typical wiring diagram.

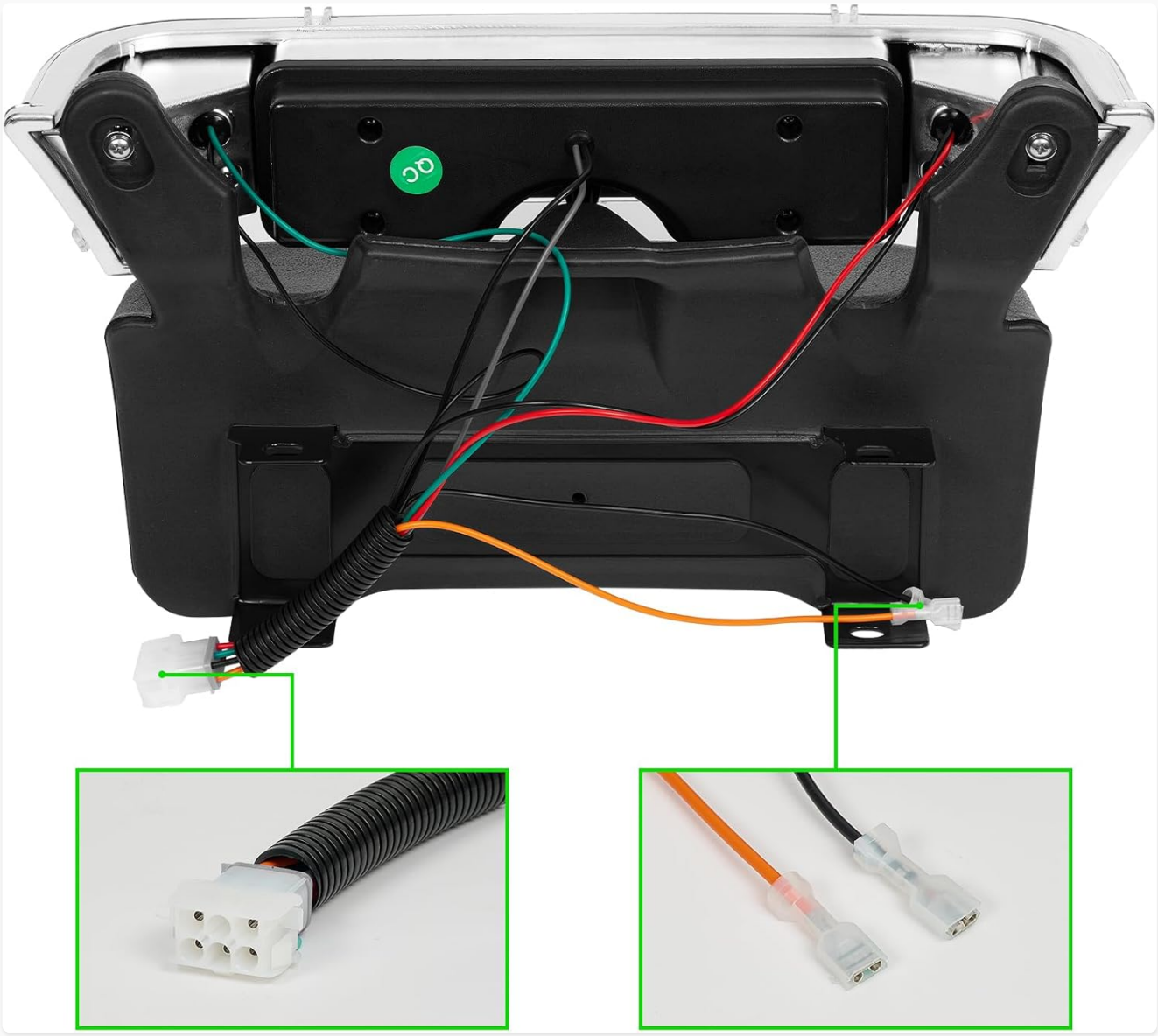


Figure 2: Typical Wiring Diagram. This image illustrates the back of the LED headlight unit with its wiring connections, showing the main power connector and additional spade connectors for auxiliary functions if present.

7. **Reconnect Battery:** Once all connections are secure, reconnect the golf cart's battery.
8. **Test Functionality:** Turn on the golf cart and test the headlight to ensure it functions correctly.



Figure 3: Installed Blogole LED Headlight. This image displays the Blogole LED headlight seamlessly integrated into the front bumper of a white Club Car Precedent golf cart, showcasing its appearance after installation.

5. Operating the LED Headlight

The Blogole LED Headlight operates like your golf cart's original headlight system. Use the golf cart's existing light switch to turn the headlight on and off.

- **Enhanced Visibility:** The bright LED lights provide superior illumination, significantly improving visibility during low-light conditions or at night.
- **Energy Efficiency:** LED technology consumes less power than traditional halogen bulbs, extending your golf cart's battery life.



Figure 4: Headlight Day and Night Comparison. This image shows a split view of the Blogole LED headlight, demonstrating its appearance during the day (off) and its bright illumination at night (on).



Figure 5: Golf Cart with Lights On vs. Day Time. This image presents two views of a golf cart: one with the LED headlights illuminated at night, and another showing the same golf cart during the day with the lights off.



Figure 6: LED Golf Cart Light Kit vs. Halogen Lights. This image compares the superior brightness and wider lighting range of Blogole LED lights against traditional halogen lamps, shown illuminating a dark road.



Figure 7: Full LED Headlight. A close-up view of the Blogole LED headlight, highlighting its full LED array design for high brightness and clear visibility at night.

6. Maintenance

The Blogole LED Headlight is designed for durability and requires minimal maintenance.

- **Cleaning:** Clean the lens with a soft, damp cloth and mild soap. Avoid abrasive cleaners or solvents that could damage the lens.
- **Inspection:** Periodically check the wiring connections to ensure they remain secure and free from corrosion.
- **Waterproof Design:** The unit features a waterproof design, but avoid direct high-pressure water jets on the electrical connections.

7. Troubleshooting

If you encounter issues with your LED headlight, refer to the following table:

Problem	Possible Cause	Solution
Headlight does not turn on.	Loose or incorrect wiring connection. Blown fuse in golf cart's electrical system. No 12V power supply. Incorrect voltage (e.g., 36V/48V without reducer).	Check all wiring connections for security and correct polarity. Inspect and replace any blown fuses. Verify 12V power is reaching the headlight. Ensure a 12V voltage reducer is installed if your cart is 36V or 48V.
Headlight flickers or is dim.	Poor electrical connection. Low battery voltage in golf cart.	Check and secure all wiring connections. Charge the golf cart's battery.
Headlight burned out quickly.	Over-voltage applied to the headlight.	This indicates the headlight was likely connected to a 36V or 48V system without a voltage reducer. A voltage reducer is essential for these systems.

8. Specifications

Feature	Detail
Model Number	CP1C2190US
Compatibility	Club Car Precedent Gas & Electric (2004-UP)
Replaces OEM #	102524801, 1025248-01
Bulb Type	LED
Operating Voltage	12V (Requires reducer for 36V/48V systems)
Material	Plastic
Special Features	Waterproof
Item Weight	2.54 kg
Parcel Dimensions	45.72 x 28.57 x 22.86 cm

9. Warranty and Support

For any installation issues or product inquiries, please contact Blogole customer support. Refer to your purchase documentation for specific warranty details.

It is recommended to retain your proof of purchase for warranty claims.

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