

Chaoouyue WD-HGW-GL1800-

Chaoouyue Motorcycle Trunk Light Installation and Operation Manual

For Honda Gold Wing GL1800 Tour DCT (2021-2024)

1. INTRODUCTION

Thank you for choosing the Chaoouyue Motorcycle Trunk Light. This LED trunk light is designed to enhance the visibility and aesthetics of your Honda Gold Wing GL1800 Tour DCT motorcycle, models 2021-2024. It integrates running, turn signal, and brake light functions, with an optional strobe effect. This manual provides essential information for proper installation, operation, and maintenance to ensure safe and effective use of your new product.

2. SAFETY INFORMATION

- Always disconnect the motorcycle's battery before performing any electrical work.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- Installation requires an additional **48000 Wire Harness** (sold separately). Failure to use the specified 48000 Plug-N-Play installation kit will void all warranties on this accessory.
- If you are not confident with electrical installations, it is recommended to seek professional assistance.
- Verify that the installed light functions correctly before operating the motorcycle.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x Motorcycle Trunk Light (Note: 48000 Wire Harness is NOT included and must be purchased separately.)



Image 3.1: Contents of the package, showing the trunk light and its integrated wiring.

4. SPECIFICATIONS

Brand	Chaoouyue
Model Number	WD-HGW-GL1800-
Compatibility	Honda Gold Wing Tour 2021+, Gold Wing Tour DCT 2021+, Gold Wing Tour DCT Airbag 2021+
Functions	Run Light, Turn Signal, Brake Light, Optional Strobe Effect
Special Feature	Requires additional 48000 Wire Harness for plug-in installation
Assembly Required	Yes
Material	High Quality Material (Exterior)
Waterproof Rating	IP65 (Waterproof, sun proof, corrosion resistant)

5. SETUP AND INSTALLATION

Important: This product requires the **48000 Plug-N-Play installation kit** for proper functionality and to maintain warranty. The 48000 harness is sold separately. One 48000 harness can support up to 4 light kits. If installing more than 4 kits, a 48001 "Y" splitter is required for each additional kit.

5.1 Preparation

1. Ensure your motorcycle is turned off and the ignition key is removed.
2. Disconnect the motorcycle's battery to prevent electrical hazards.
3. Gather all necessary tools (e.g., screwdrivers, wire cutters/strippers if not using plug-n-play, electrical tape).
4. Locate the installation area on your motorcycle's trunk.

5.2 Installation Steps

1. **Clean the Surface:** Thoroughly clean the area on the motorcycle trunk where the light will be mounted. Ensure it is free of dust, dirt, and grease.
2. **Prepare the Light:** The trunk light features 3M adhesive backing for secure attachment. Carefully peel off the protective film from the adhesive.



Image 5.1: Rear view of the trunk light showing the 3M adhesive backing and wiring.

3. **Mount the Light:** Carefully align the trunk light with the desired position on your motorcycle's trunk. Press firmly to ensure the 3M adhesive adheres securely. Ensure the edges are flat and without warping.
4. **Connect Wiring:** Connect the wiring of the trunk light to the **48000 Plug-N-Play installation kit**. Follow the instructions provided with the 48000 harness for specific connection points. Ensure all connections are tight and correct.
5. **Secure Wiring:** Route and secure any excess wiring to prevent it from interfering with moving parts or being damaged.
6. **Test Functionality:** Reconnect the motorcycle's battery. Turn on the ignition and test all light functions: running light, turn signals (left and right), and brake light. Verify the optional strobe effect if applicable.



Image 5.2: Example of the trunk light's running and brake light functions when installed on a motorcycle.



Image 5.3: Full rear view of a motorcycle with the trunk light and other rear lights illuminated.

6. OPERATING INSTRUCTIONS

Once properly installed with the 48000 wire harness, the Chaoouyue Motorcycle Trunk Light will operate in conjunction with your motorcycle's existing lighting system:

- **Running Light:** The LED trunk light will illuminate steadily when your motorcycle's ignition is on and headlights are active, providing continuous rear visibility.
- **Turn Signal:** When the left or right turn signal is activated, the corresponding section of the trunk light will flash in sync with your motorcycle's turn signals.
- **Brake Light:** When the brake lever or pedal is engaged, the LED trunk light will illuminate brighter to indicate braking.
- **Strobe Effect:** An optional strobe effect may be available depending on the specific configuration of your 48000 wire harness. Refer to the 48000 harness manual for details on activating and controlling this feature.

7. MAINTENANCE

- **Cleaning:** Clean the light assembly periodically with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the lens or housing.
- **Inspection:** Regularly inspect the light for any signs of damage, loose connections, or wear. Ensure the adhesive backing remains secure.
- **Waterproof Rating:** The product has an IP65 waterproof rating, meaning it is protected against dust ingress and low-pressure water jets from any direction. While designed for outdoor use, avoid directing high-pressure water sprays directly at the light for extended periods.



Image 7.1: Illustration of the product's IP65 waterproof and weather-resistant features.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not illuminate.	◦ Loose or incorrect wiring connection. ◦ Faulty 48000 wire harness. ◦ Blown fuse in motorcycle's electrical system. ◦ Product defect.	◦ Check all wiring connections, especially to the 48000 harness. ◦ Ensure the 48000 harness is correctly installed and functioning. ◦ Inspect motorcycle fuses and replace if necessary. ◦ Contact customer support if all other steps fail.

Turn signals or brake light not functioning correctly.	◦ Incorrect wiring to the 48000 harness. ◦ Issue with the motorcycle's signal/brake system.	◦ Double-check the wiring diagram for the 48000 harness and ensure correct connections. ◦ Consult your motorcycle's service manual or a qualified mechanic.
Light is loose or detaching.	◦ Improper surface cleaning before installation. ◦ Adhesive not fully cured or damaged.	◦ Re-clean the surface and reapply with new 3M automotive-grade adhesive tape. ◦ Ensure firm pressure is applied during installation.

9. WARRANTY AND SUPPORT

Warranty Information: Please note that failure to use the specified **48000 Plug-N-Play installation kit** to install this accessory will void all warranties on the product. Ensure you retain proof of purchase for both the trunk light and the 48000 wire harness. For any questions, technical assistance, or warranty claims, please contact the seller or manufacturer directly through the platform where the product was purchased. Provide your order number and a detailed description of the issue for prompt support.

ASK A QUESTION ABOUT THIS MANUAL

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