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Kuryakyn 7673

Kuryakyn 7673 Plug & Play Trailer Wiring Harness User Manual

For 2001-2010 Honda Gold Wing GL1800 Motorcycles

1. PRODUCT OVERVIEW

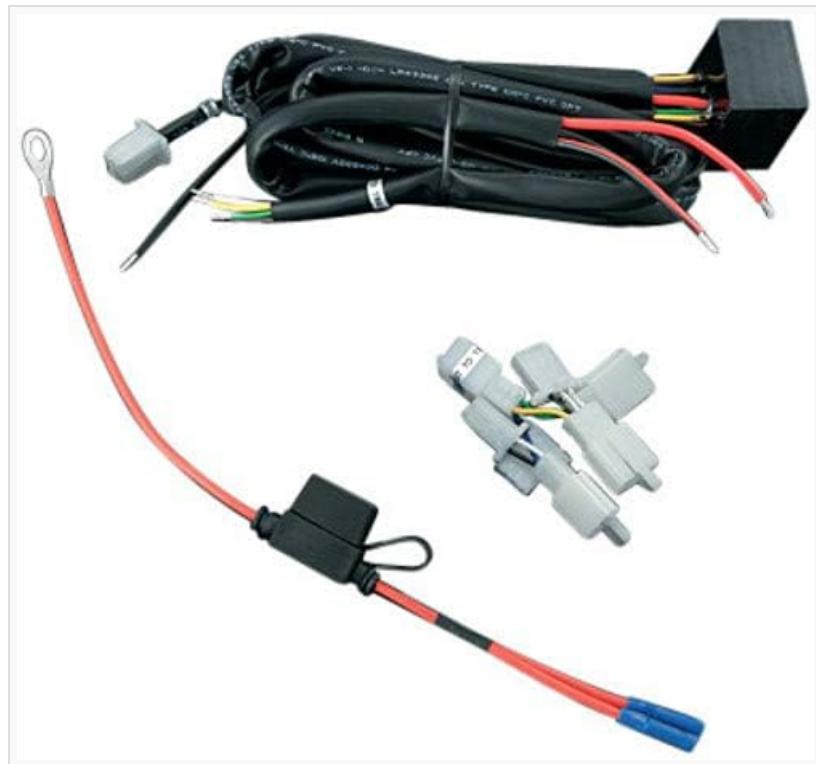
The Kuryakyn 7673 Plug & Play Trailer Wiring with Relay Harness is designed to provide essential trailer lighting functions for 2001-2010 Honda Gold Wing GL1800 motorcycles. This harness simplifies the connection process, offering a reliable solution for towing applications.

It provides standard five-wire output for run, brake, left turn, right turn, and ground. Additionally, a bonus wire is included for connecting 12V fused power to the trailer, suitable for compartment lights or keyless entry systems. The integrated relay harness efficiently directs power from the motorcycle's battery to the appropriate trailer lighting circuits.

Included Components:

- 1 x Trailer Wiring Isolation Relay
- 1 x GL 1800 Trailer Sub Harness
- 1 x Inline Fuse and Y-Wire Assembly with Heat Shrink Covered Butt Connectors
- 1 x Hardware Kit
- 1 x Alcohol Pad

Suggested Tools (Not Included): Set of hex wrenches, combination wrenches, side cutter, electrical tape, set of screw drivers, test light or multi meter.



An image showing the various components of the Kuryakyn 7673 trailer wiring harness, including the main wiring bundle, an inline fuse holder with a red and black wire, and several gray electrical connectors.

2. SAFETY INFORMATION

Always exercise caution when working with electrical systems. Disconnect the motorcycle's battery before beginning installation to prevent electrical shorts or injury. Ensure all connections are secure and properly insulated to avoid malfunctions.

WARNING: This product can expose you to chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

3. SETUP AND INSTALLATION

The Kuryakyn 7673 harness is designed for a plug-and-play installation on compatible Honda Gold Wing GL1800 models (2001-2010). While the design minimizes complex wiring, careful attention to the instructions is crucial for proper function.

- 1. Preparation:** Ensure the motorcycle is turned off and the battery is disconnected. Gather all necessary tools as listed in the Product Overview.
- 2. Access:** Locate the appropriate wiring access points on your Gold Wing GL1800 as indicated in the detailed installation guide. This typically involves removing certain body panels or seats.
- 3. Connect Sub Harness:** Connect the GL 1800 trailer sub harness to the motorcycle's existing wiring. These connections are designed to be plug-and-play, matching existing connectors.
- 4. Install Isolation Relay:** Integrate the trailer wiring isolation relay into the system. This relay manages power distribution to the trailer lights.
- 5. Inline Fuse and Y-Wire:** Connect the inline fuse and Y-wire assembly. This provides fused 12V power for auxiliary trailer functions. Ensure heat shrink covered butt connectors are properly sealed.
- 6. Secure Wiring:** Route and secure all wiring using the provided hardware kit or appropriate cable ties to prevent chafing or interference with moving parts.
- 7. Test Connections:** Before reassembling the motorcycle, reconnect the battery and perform a thorough test of all trailer lighting functions (run, brake, turn signals) using a test light or multi meter,

and ideally, by connecting to a trailer.

8. **Reassembly:** Once all functions are verified, carefully reassemble any removed body panels or seats.

For detailed, step-by-step installation instructions, please refer to the official user manual PDF available at: [Kuryakyn 7673 User Manual \(PDF\)](#).

4. OPERATION

Once installed, the Kuryakyn 7673 harness operates automatically when a trailer is connected to your motorcycle's trailer hitch wiring. The relay harness senses the motorcycle's lighting signals and directs power from the battery to illuminate the corresponding trailer lights.

- **Running Lights:** Activate when the motorcycle's headlights are on.
- **Brake Lights:** Illuminate when the motorcycle's brake lever or pedal is applied.
- **Turn Signals:** Flash in sync with the motorcycle's left or right turn signals.
- **12V Fused Power:** The bonus wire provides constant 12V power for auxiliary trailer accessories, such as interior lights or keyless entry systems, as long as the motorcycle's ignition is on.

5. MAINTENANCE

The Kuryakyn 7673 wiring harness is designed for durability and minimal maintenance. However, periodic inspection can help ensure long-term reliability:

- **Visual Inspection:** Regularly check all visible wiring and connections for signs of wear, fraying, corrosion, or damage.
- **Connection Integrity:** Ensure all plug connections remain secure and free of debris.
- **Fuse Check:** If a trailer light function fails, inspect the inline fuse. Replace with a fuse of the same rating if blown.
- **Cleanliness:** Keep the harness and connectors clean, especially after riding in wet or dirty conditions. The included alcohol pad can be used for cleaning electrical contacts.

6. TROUBLESHOOTING

If you experience issues with your Kuryakyn 7673 trailer wiring harness, consider the following troubleshooting steps:

| Problem | Possible Cause | Solution |
|--|--|---|
| No trailer lights working | Blown fuse, loose connection, faulty ground | Check inline fuse and motorcycle fuses. Verify all harness connections are secure. Ensure trailer and motorcycle have good ground connections. |
| Specific trailer light (e.g., running light) not working | Faulty bulb on trailer, wiring issue on trailer, specific wire connection issue on harness | Check trailer bulb. Inspect trailer wiring. Verify the specific wire connection for that function on the Kuryakyn harness. |
| Electronic control box buzzing | Improper installation, faulty relay, incompatible electrical system | Review installation steps carefully. Ensure correct model compatibility. Contact Kuryakyn support if buzzing persists after verifying installation. |

| Problem | Possible Cause | Solution |
|--------------------------------------|--|---|
| Trailer lights are dim or flickering | Poor ground connection, insufficient power, corroded terminals | Clean and secure all ground points. Check battery voltage. Clean any corroded terminals on both motorcycle and trailer. |

If these steps do not resolve the issue, it is recommended to consult a qualified motorcycle technician or contact Kuryakyn customer support.

7. SPECIFICATIONS

| Attribute | Detail |
|-----------------------------|--|
| Brand | Kuryakyn |
| Model Number | 7673 |
| Compatible Motorcycles | 2001-2010 Honda Gold Wing GL1800 |
| Output Type | Standard five-wire (run, brake, left turn, right turn, ground) + 12V fused power |
| Material | Copper and Polyvinyl Chloride (PVC) |
| Item Dimensions (L x W x H) | 0.3 x 7 x 11 inches |
| Item Weight | 0.9 Pounds (approx. 14.4 ounces) |
| Cable Type | Proprietary |
| Connector Type | Solder Or Crimp |
| UPC | 191209013776 |

8. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical assistance, please contact Kuryakyn directly through their official website or customer service channels. Always refer to the official Kuryakyn documentation for the most current warranty terms and conditions.

Official User Manual (PDF):

<https://manuals.plus/m/e28deb42b5bc9a328472987552793ca2ad0f2a81821de6d9e365f5222ccecb03>

Visit the Kuryakyn Store: <https://www.amazon.com/stores/Kuryakyn/page/B35EFDD5-3064-4325-89A8-DA927484406A>

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|---|--|
|  | <p>Kuryakyn LED Mirror Lights for GL1800 (7513) Installation Guide</p> <p>Step-by-step installation instructions for Kuryakyn LED Mirror Lights (Model 7513) for Honda GL1800 motorcycles. Includes parts, tools, wiring, warranty, and contact information.</p> |
|  | <p>Kuryakyn Omni Transmission Covers for GL1800 Installation Instructions</p> <p>Detailed installation guide for Kuryakyn Omni Transmission Covers (models 3274 Chrome, 3275 Satin Black) for the Honda GL1800 motorcycle. Includes parts list, step-by-step instructions, warnings, and warranty information.</p> |
|  | <p>Kuryakyn Handlebar Risers/Setbacks GL1800 (7438) Installation Guide</p> <p>Detailed installation instructions for Kuryakyn Handlebar Risers/Setbacks model 7438 for the Honda GL1800 motorcycle. Includes parts list, tools, step-by-step guide, and warranty information.</p> |
|  | <p>Kuryakyn Fairing Light II for GL1800 Installation Guide</p> <p>Comprehensive installation instructions for the Kuryakyn Fairing Light II (Part #7316) designed for Honda GL1800 motorcycles. This guide covers fitting details, included components, necessary tools, step-by-step assembly, and warranty information.</p> |
|  | <p>Kuryakyn Ergo II Unlighted Floorboards 4059 Installation Guide</p> <p>Detailed installation instructions for Kuryakyn Ergo II Unlighted Floorboards (Model 4059) for Honda GL1800 motorcycles, including parts list, tools, procedure, and safety warnings.</p> |
|  | <p>Kuryakyn Transformer Passenger Boards for GL 1800 (Model 7006) Installation Guide</p> <p>Official installation instructions for Kuryakyn Transformer Passenger Boards (Model 7006) designed for the Honda GL 1800. Includes parts list, tools required, step-by-step assembly, important safety warnings, and limited warranty information.</p> |