



# INSTALLATION



## TRAILER WIRING HARNESS AND RELAY 7665

**FOR GL1800**

**FITS: HONDA GL1800**

### PARTS INCLUDED

- 1 Wire Lead with 10amp Fuse
- 1 Trailer Isolation Relay Kit
- 1 Sub-Harness for GL1800
- 6 8" Cable Ties
- 1 Butt Connector
- 2 1/4" Ring Terminal
- 1 Dielectric Grease
- 1 Installation Instructions

Please read and understand entire instructions before starting installation.

### THANK YOU FOR CHOOSING KÜRYAKYN!

**IN ORDER TO PROTECT YOU AND OTHERS FROM POSSIBLE INJURY AND/OR PROPERTY DAMAGE OR LOSS, PLEASE PAY CLOSE ATTENTION TO ALL INSTRUCTIONS, WARNINGS, CAUTIONS AND ATTENTION NOTES REGARDING THE USE AND CARE OF THIS PRODUCT.**

**WARNING!** THIS INDICATION ALERTS YOU TO THE FACT THAT IGNORING THE CONTENTS DESCRIBED HEREIN CAN RESULT IN POTENTIAL DEATH OR SERIOUS INJURY.

**ATTENTION!** This indication alerts you to the fact that ignoring the contents described herein may negatively affect product performance and functionality.

### TOOLS SUGGESTED

Set of hex wrenches, combination wrenches, wire stripper, crimping pliers, side cutters and a test light.

**STRICTLY OBSERVE THE FOLLOWING GUIDELINES IN ORDER TO USE THE PRODUCT PROPERLY AND AVOID POTENTIALLY DANGEROUS ACCIDENTS.**

**ATTENTION!** A factory service manual may be helpful in performing this installation. Do not attempt to perform this installation if you are not confident in your ability to complete all of the steps in the procedure; consult a trained technician.

### PROCEDURE

**STEP 1** Read and understand all steps in the instructions before starting the installation. Park the motorcycle on a hard, level surface and turn off the ignition.

**STEP 2** Remove four fasteners that secure the rear license plate panel. PIC. 1.

**STEP 3** Gently pull off the back panel exposing the wiring harness. (Red and Blue plugs)

**ATTENTION!** Kuryakyn recommends the use of dielectric grease on electrical connections.

**-cont.-**

**CUSTOMER SERVICE**  
877.370.3604 (toll free)

**INSTALLATION QUESTIONS**  
techsupport@kuryakyn.com  
or call 715.247.2983

### LIMITED WARRANTY

Kuryakyn warrants that any Kuryakyn products sold hereunder, shall be free of defects in materials and workmanship for a period of one (1) year from the date of purchase by the consumer excepting the following provisions:

- Kuryakyn shall have no obligation in the event the customer is unable to provide a receipt showing the date the customer purchased the product(s).
  - The product must be properly installed, maintained and operated under normal conditions.
  - Kuryakyn makes no warranty, expressed or implied, with respect to any gold plated products.
- Kuryakyn shall not be liable for any consequential and incidental damages, including labor and paint, resulting from failure of a Kuryakyn product, failure to deliver, delay in delivery, delivery in nonconforming condition, or for any breach of contract or duty between Kuryakyn and a customer.
- Kuryakyn products are often intended for use in specific applications. Kuryakyn makes no warranty if a Kuryakyn product is used in applications other than intended.
- Kuryakyn electrical products are warranted for one (1) year from the date of purchase by the consumer. Components of Kuryakyn products containing L.E.D.s will be warranted for defects in materials and workmanship for 3 years from the date of purchase.
- Kuryakyn makes no warranty of any kind in regard to other manufacturer's products distributed by Kuryakyn. Kuryakyn will pass on all warranties made by the manufacturer and where possible, will expedite the claim on behalf of the customer, but ultimately, responsibility for disposition of the warranty claim lies with the manufacturer.

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You'll find all our innovations for H-D, GL and Metric Cruisers in our annual catalogs. Order online today—select the "CATALOGS" icon. Each Kuryakyn® product comes with a Proof-of-Purchase good for a complimentary catalog. Details in packaging.

Be sure to ask your local dealer about other Kuryakyn® products, the motorcycle parts and accessories designed for riders by riders.

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**STEP 4** On the bike, disconnect the red plug that has an orange wire. Take the supplied harness, connect the male and female plug (3-wire plug with a single brown wire running to it), and plug it into the disconnected stock red male and female plugs. The sub harness acts like a t-harness and will go between the stock red and blue plugs. Refer to PIC. 2.

**STEP 5** On the bike, locate and disconnect the stock blue connector that has a light blue wire. On the harness take the 3-wire plug with the green and yellow wires and connect both the male and female ends to the male and female blue plugs. Refer to PIC. 2.

**STEP 6** Locate and disconnect the blue connector on the bike that has the green wires. On the harness, place the two-pin connector with the blue wire in to the male and female ends. Refer to PIC. 2.

**STEP 7** You should have one four-pin connector left. This connection will be used on the harness to supply the power to the trailer.

**STEP 8** Turn the key to the on position and check to see if you have power to each wire with a test light. (You will need assistance to test the brake light) Yellow is Right turn, Brown is Left turn, Green is Taillights, Blue is Brake lights.

**STEP 9** Remove the four mounting bolts from the passenger handles that secure the seat.

**STEP 10** Remove the seat and set aside.

**STEP 11** Remove the battery cover located on the driver's left hand side just above the passenger floorboard.

**STEP 12** Take a piece of wire or a straight coat hanger (to pull the wire through) and run it between the frame and saddlebag, above the battery until you can reach it from the back of the bike. The wire should come out to the top left of the inside back panel.

**STEP 13** With the supplied Trailer Isolation Relay Kit, take the red and black power and ground wires and tape them to the pull wire that was run in STEP 11. Secure the wire tight enough that it will not come undone in the routing process.

**STEP 14** Pull the wire/coat hanger back toward the front with the wires still secured to it.

**STEP 15** Once the wires are pulled far enough to reach the battery, they can be removed from the wire/coat hanger.

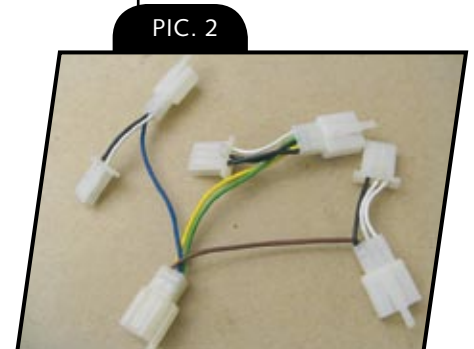
**STEP 16** With the supplied butt connector, crimp it on the end of the red power that was run from the back of the bike. Slide the other supplied power wire with the fuse into the opposite end of the butt connector and crimp it, joining the two wires as one.

**STEP 17** Take the two-supplied ring terminals and crimp one to the red power wire and one to the black ground cable.

Note; The other black ground wire is used for a chassis ground

**STEP 18** Secure each wire to the battery. Red to the positive and Black to the negative.

**STEP 19** On the back of the bike, plug the Trailer Isolation Relay Kit to the open 5 pin sub-harness connector.



**STEP 20** With the key in the on position repeat the testing procedure used in STEP 8. The black is a ground.

**STEP 21** Tie up any excess wire length with the provided cable ties.

**STEP 22** Re-install seat and secure with the mounting hardware that was removed in STEP 9.

**STEP 23** Put the rear panel back on and re-install the four mounting bolts.

**WARNING!** ENSURE PROPER TRAILER WIRING HARNESS AND RELAY OPERATION BEFORE RIDING THE MOTORCYCLE. VISIBILITY IS A MAJOR CONCERN FOR MOTORCYCLISTS. TRAILER WIRING HARNESS AND RELAY MALFUNCTION COULD RESULT IN DEATH OR SERIOUS INJURY.

**ATTENTION!** It is the installer's responsibility to ensure that all of the fasteners (including pre-assembled) are tightened before operation of the motorcycle. Küryakyn will not issue a warranty on components lost due to improper installation. Periodic maintenance may be required.

**ATTENTION!** Secure all wiring away from any moving parts, pinch points or extreme heat. Küryakyn WILL NOT issue a warranty on any electrical component that fails due to pinched, crimped, broken, abraded, melted or frayed wires. Final

*Ride On!*

**Küryakyn**<sup>®</sup>

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**TRAILER WIRING HARNESS**

**INSTALLATION**