



# INSTALLATION



## TRAILER WIRING HARNESS AND RELAY 7667

**FITS: UNIVERSAL FITMENT**

### PARTS INCLUDED

- 1 Wire Leads with 10 AMP fuse
- 1 Trailer Isolation Relay Kit
- 1 Universal-Sub Harness
- 6 8" Cable Ties
- 1 Butt Connector
- 2 1/4" Ring Terminal
- 4 Male Spade
- 4 Scotch Lock
- 1 Dielectric Grease
- 1 Installation Instructions

### TOOLS SUGGESTED

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

*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.

**CAUTION!** This indication alerts you to the fact that ignoring the contents described herein can result in potential injury or material damage.

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

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

### 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.

**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.

**STEP 2** Locate wires for the taillights, and turn signals on the back of the bike.

**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.

### ABOUT OUR CATALOG

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 3** With a test light, locate the run light, each turn signal light and brake light wires. It would be helpful to write each wire and purpose down on a piece of paper for later use.

**STEP 4** Use the supplied scotch locks and crimp one on each of the four wires so you can easily splice into them.

**STEP 5** On the Universal-Sub Harness, there will be four wires that you will use to splice into the factory wires you put the scotch locks onto. Yellow is the right turn, Brown is left turn, Green is Tail Lights, Blue is Brake Light. (PIC 1)

**ATTENTION!** Install the new Sub Harness in-line before any other components (Run-Turn-Brake, Panacea or any other H-D control module) on the bike.

**STEP 6** Find the location where you will like to secure the wires from the Universal-Sub Harness. If the wires are too long for your application, use a side cutter and cut them to the correct length.

**STEP 7** Once you have your desired length, use the provided male spade connectors and crimp them onto all four wires.

**STEP 8** Hook each wire up to its desired location. Revert to step 5 for explanation of each wire. If needed use a test light to determine proper location.

**STEP 9** Take the Trailer Isolation Relay Kit and route the long red and black wires from the harness to the battery.

**NOTE** One black wire goes to the battery, the other should be used as a chassis ground.

**STEP 10** Crimp a 1/4" ring terminal on each of the red and black wires that go to the battery. Connect the red terminal to the positive on the battery and the black to the negative terminal on the battery.

**STEP 11** On the back of the bike, you can plug the 4 pin plugs to each other.

**STEP 12** With the two (four pin) plugs connected, use a test light to check for proper function. Turn the key on and test both signals. (Yellow and Brown) Brake lights (Blue) and Run light. (Green)

**STEP 13** Secure all wires away from any moving parts or direct heat with the provided cable ties.

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

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

*Ride On!*

PIC. 1

