



INSTALLATION

TRAILER WIRING HARNESS & RELAY 7666

FOR GL1500

FITS: HONDA GL1500

PARTS INCLUDED

- 1 Wiring Harness
- 1 Wire Leads with 10 amp fuse
- 1 Trailer Isolation Relay Kit
- 6 8" Cable Ties
- 1 Butt Connector
- 2 1/4" Ring Terminals
- 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.

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 the four Phillips screws that secure the lower trunk molding and remove the panel from the bike. (**NOTE:** *There are small clips that secure the front of the lower panel to the trunk. Be aware of these clips in the removal of the panel.*)
- STEP 3** Take the license plate and bracket off the back panel.
- STEP 4** Slide the chrome tabs off the molding exposing the screws for the lower saddlebag corners. Remove the hardware holding on the saddlebag corners. (See PIC. 1)
- STEP 5** Open the saddlebags exposing the hardware that secures the saddlebags to the bike. Remove the back two hardware bolts, and loosen the fronts but do not fully remove them. (See PIC. 2)

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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 6 With the saddlebags loose, remove the rear fender by sliding it downward. You will notice the rear fender has slots that join the saddlebags to the fender itself. (If there is still resistance, you may have to shift the rear fender to fully unlock the fender.)

STEP 7 With rear fender off you can mount the Trailer Wiring Harness and Relay on to the bike.

STEP 8 Under the trunk, locate the red 6-pin connectors on each side of the rear light bar. (See [PIC. 3](#))

STEP 9 Unplug both red connectors.

STEP 10 On the bike locate the red connector that has the orange wire (left side); plug our connector that has the brown and green wires in between the red plugs.

STEP 11 On the other red connector, that has the light blue wire (right side); plug in our connector that has the blue and yellow wires in between the red plugs. (See [PIC. 4](#))

STEP 12 You should have one four-pin connector left. This connection will be used to control the power to the trailer.

STEP 13 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 14 Now go to the right side of the bike (driver's right) and remove the side cover located just below the seat. This will expose the battery, which will be needed to wire power to the relay harness.

STEP 15 You will also need to remove the seat to route the positive and negative wires from the relay to the battery. Take the hardware off that secures the seat. There will be four bolts that secure the seat through the passenger handles.

STEP 16 Take a piece of wire or a straightened 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.

STEP 17 With the supplied Trailer Isolation Relay Kit, take the red and black power and ground wires and tape them to the wire that was run in STEP 16. Secure the wire tight enough that it will not come undone in the routing process. (See [PIC. 5](#))

STEP 18 Pull the wire/coat hanger toward the front of the bike with the wires still secured to it.

STEP 19 Once the wires are pulled far enough to reach the battery, they can be removed from the wire/coat hanger.

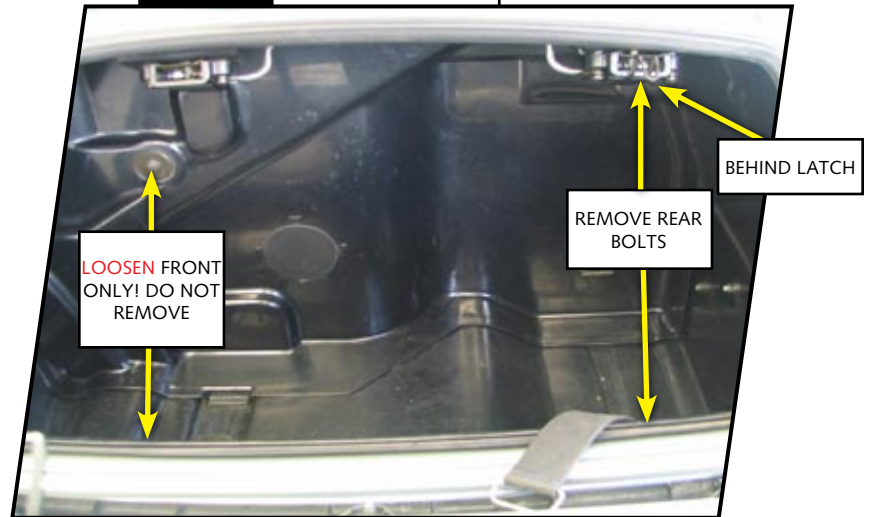
STEP 20 Crimp the supplied butt connector onto the end of the red power wire that was ran in STEP 19. Slide the other supplied power wire with the fuse into the opposite end of the butt connector and crimp the joining two wires together.

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PIC. 1



PIC. 2



STEP 21 Take the two-supplied ring terminals and crimp one to the red power wire and one to the black ground cable.

CAUTION! Before the power and ground cable are connected be sure that none of the wires leading to the trailer are touching in any way. Wires that may be touching could potentially cause a short and damage to yourself and or your motorcycle.

STEP 22 Secure each wire to the battery. Red to the positive and black to the negative.

STEP 23 On the back of the bike, plug the Trailer Isolation Relay Kit to the sub-harness.

STEP 24 With the key in the "On" position repeat the testing procedure used in STEP 13. The black wire is a ground.

STEP 25 Tie up any excess wire length with the provided cable ties. The Trailer Isolation Relay can be secured next to the saddlebag on either side.

STEP 26 Re-install seat and secure with the mounting hardware that was removed in STEP 15.

STEP 27 The 5 bare wires are to be wired up to your desired mating trailer connection. (Wire color/function as stated in STEP 13)

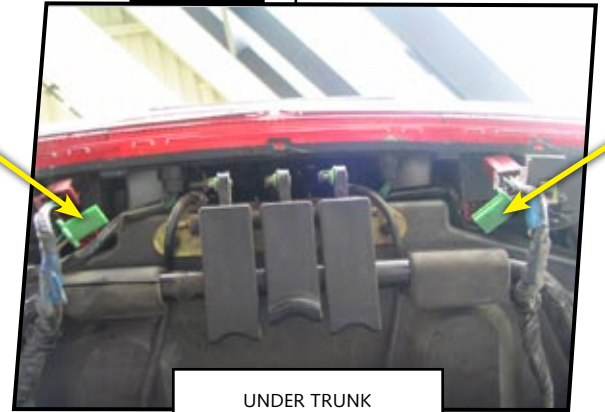
STEP 28 Reverse steps 2 through 6 to reassemble the bike.

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.

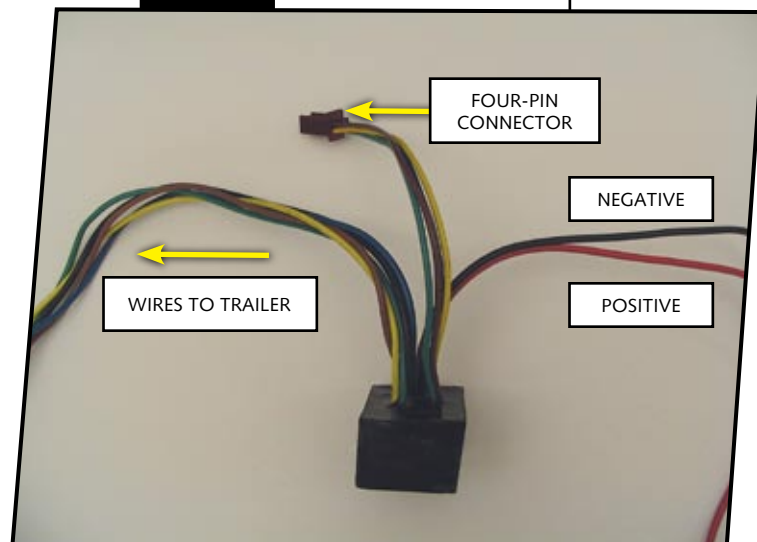
PIC. 3



PIC. 4



PIC. 5



Ride On!