



## UNIVERSAL DRIVING LIGHT AND RELAY KIT

## 2202

### PARTS INCLUDED

- 1 Front Clamp Half
- 1 Rear Clamp Half
- 1 Relay Harness Assembly
- 1 Hardware Kit Containing:
  - 2 #8-32 X 3/4" Socket Head Cap Screws
  - 6 6" Nylon Cable Ties
  - 1 Dielectric Grease Pack
  - 4 Insulated Bullet Connectors
  - 1 1-1/4" Handlebar Rubber Insulator
  - 1 1" Handlebar Rubber Insulator
  - 1 7/8" Handlebar Rubber Insulator
  - 1 T-Tap Female Connector
  - 1 Insulated Male Spade
- 1 Driving Light Switch
- 1 Rubber Boot for Driving Light Switch
- 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 NOTICES REGARDING THE USE AND CARE OF THIS PRODUCT.**



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



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



**This indication alerts you to the fact that ignoring the contents described herein can result in potential injury.**



**IF INSTALLING THIS PRODUCT FOR ANOTHER PARTY, PLEASE MAKE SURE THEY RECEIVE THIS COPY OF THE INSTALLATION INSTRUCTIONS SO THEY ARE AWARE OF THE IMPORTANT INFORMATION CONTAINED IN THEM.**

### TOOLS SUGGESTED

Set of Hex Wrenches, Wire Cutter/Stripper, Wire Splicing and Insulating Supplies, 12 Volt Test Light or Multi-Meter

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

### 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. Let cool.

### 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. L.E.D.'S contained in components of Kuryakyn products will be warranted for defects in materials and workmanship for 3 years from the date of purchase where as all other components shall be warranted for one(1) year. This includes, but is not limited to; control modules, wiring, chrome & other components.

• 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

For purchasing Kuryakyn® products, you can receive a complete catalog free of charge. Send the Proof-of-Purchase below with your address to: Kuryakyn, P.O. Box 339, Somerset, WI 54025. Please indicate either Accessories Catalog for Harley-Davidson® or GL & Metric Cruisers.

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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kuryakyn.com

**NOTE:** This is a universal kit. It is not made for any specific motorcycle application. A significant amount of wire may be trimmed off of this harness for the neatest installation. The female bullet type connectors (installed) aren't intended to mate with any connectors on any Küryakyn driving light.

**NOTE:** To avoid an excess of wire, lay out your proposed routing first. Trim off any excess wire. This will not only make the wiring easier, but it will make a cleaner looking job when the installation is complete.



**WARNING** YOU WILL BE WORKING AROUND THE ENGINE AND EXHAUST SYSTEM DURING INSTALLATION. ENSURE THAT THE ENGINE AND EXHAUST SYSTEM HAVE FULLY COOLED TO PREVENT INJURY.



**WARNING** IT IS THE INSTALLERS RESPONSIBILITY TO ENSURE THAT THE INSTALLATION OF THIS ACCESSORY DOES NOT EXCEED THE MAXIMUM AMPERAGE OF THE CHOSEN CIRCUIT. EXCEEDING THE MAXIMUM ALLOWABLE AMPERAGE MAY LEAD TO CIRCUIT FAILURE WHICH COULD RESULT IN SERIOUS INJURY OR DEATH.



**WARNING** A FACTORY SERVICE MANUAL WILL 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. IMPROPER INSTALLATION COULD RESULT IN SERIOUS INJURY OR DEATH.

**STEP 2**

Install switch into front clamp half. Secure with rubber boot from outside of clamp. PIC 1 Carefully Route wires around boss (one on each side) and exit through notch on bottom of clamp. PIC 2

**STEP 3**

Determine the correct handlebar rubber insulator of the three included (either the 7/8", 1" or 1-1/4") for your handlebars. Locate a convenient place on the bars for the switch to be mounted and install the handlebar rubber insulator there with fingers on top and pointing towards rider. PIC 3

**STEP 4**

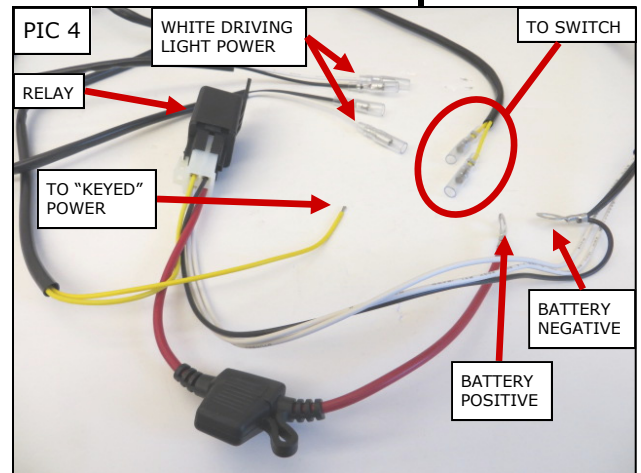
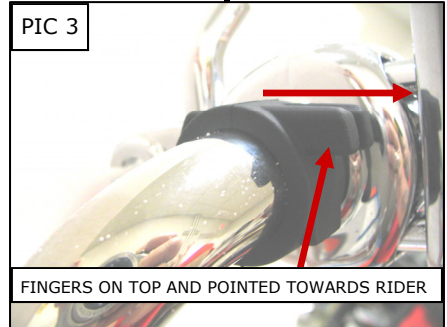
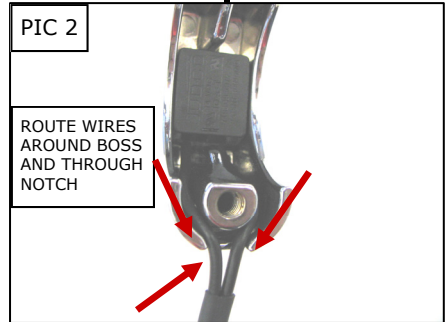
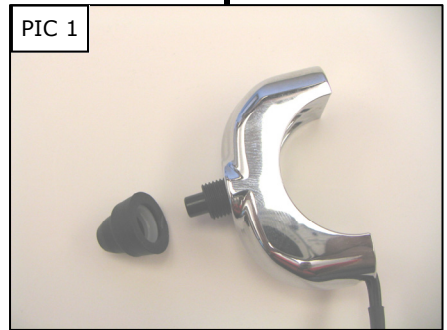
Place front clamp half over rubber insulator so fingers slide into notches in clamp. Place rear clamp half over insulator and attach to front half with #8-32 X 3/4" socket head cap screws. Make sure wires exit through notch on bottom and are not pinched. Tighten securely.

**STEP 5**

Identify the stock wiring harness; refer to your factory service manual to locate the harness.

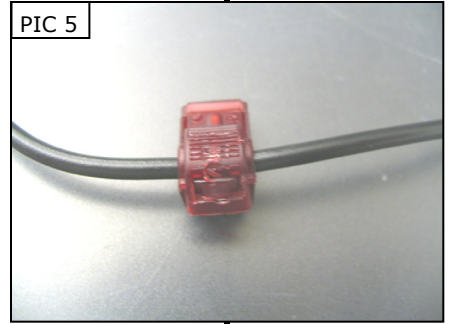
**STEP 6**

Using a test light or wiring schematic, with the key in the "ON" position, locate a "keyed" 12-volt power wire (a wire that has power with the key "ON" and loses power with the key "OFF") to power the driving lights. Once you have located a "keyed" 12-volt power source, turn the key to the "OFF" position and disconnect the battery.

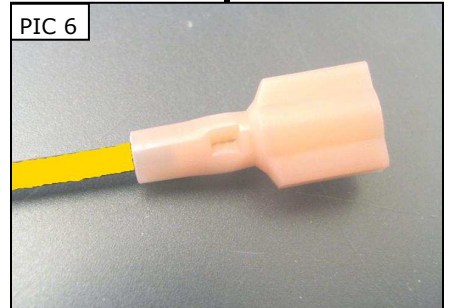


**CAUTION** Avoid potential electrical shock! Disconnect the battery before starting this procedure.

**STEP 7** Place one of the included female T-Tap connectors over the "keyed" power wire located in Step 6, and close it, ensuring that the tabs are engaged as shown in PIC 5

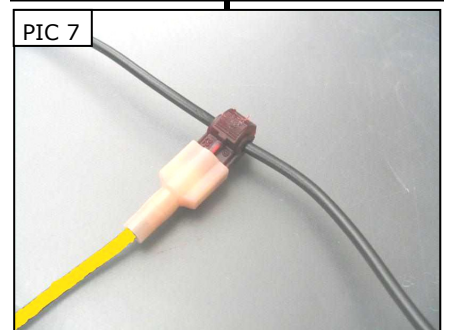


**STEP 8** Insert the exposed end of the YELLOW wire in the handlebar switch harness (PIC 4) into the included insulated male spade and crimp the end making sure that the wire is secure. PIC 6



**NOTICE** Küryakyn recommends the use of included dielectric grease on electrical connections

**STEP 9** Take the YELLOW power wire from the switch harness (PIC 4) and connect it to the female T-Tap on the "keyed" power wire.

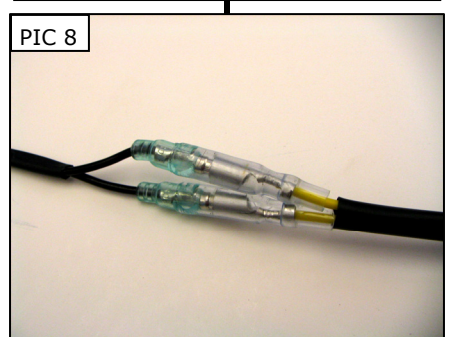


**STEP 10** Find a location near the battery to place the relay. Attach the red wire with the ring terminal and the positive battery wire from the bike to the positive side of the battery. Connect the black wire with the ring terminal and the negative wire from the bike to the negative side of the battery. PIC 4

**STEP 11** Route the two groups of wires that are in the black sheathing to the front of the bike, keeping them away from pinch points or laying on the motor. Secure all wiring out of harms way with the included cable ties.

**NOTICE** Secure all wiring from the newly installed and/or from existing parts, 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.

**STEP 12** Route wires from switch along bars to the relay. Connect the two wires from the switch to the two yellow wires (in the black sheathing) that are coming from the relay and the splice you made into the "keyed" power wire. Make sure the wires are fully seated in the connectors and the insulating sleeve covers all the metal of the connectors. PIC 8 Use the supplied cable ties to attach wires to bars and away from pinch points.



**STEP 13** Connect the white wires from the relay to the driving light power wire using the supplied male insulated connectors and use the black wires from the relay for ground wires to the lights if needed. If these ground wires are not needed, they may be secured out of harms way.

**STEP 14** Start the motorcycle and test all lights.

**WARNING** ENSURE PROPER LIGHT OPERATION BEFORE RIDING THE MOTORCYCLE. VISIBILITY IS A MAJOR CONCERN FOR MOTORCYCLISTS. A LIGHTING MALFUNCTION COULD RESULT IN DEATH OR SERIOUS INJURY.

**NOTICE** 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 provide warranty coverage on products or components lost due to improper installation or lack of maintenance. Periodic inspection and maintenance are required on all fasteners.