



## CONSTELLATION DRIVING LIGHTS 5009

### WITH TURN SIGNALS

**FITS: UNIVERSAL APPLICATIONS FOR INSTALLATION WITH KÜRYAKYN TWO-PIECE CLAMPS (SOLD SEPARATELY) NOT INTENDED FOR USE WITH MOTORCYCLES THAT HAVE OEM FORK SHROUDS.**

*NOTE: We suggest using Kuryakyn Universal Wiring Relay Kit (P/N 2328) for installation.*

### PARTS INCLUDED

- 1 Right Driving Light with Turn Signals
- 1 Left Driving Light with Turn Signals
- 1 Installation Component Kit Including:
  - 8 22-18 Male Spades
  - 8 22-18 Female Quick Slide T-Taps
  - 2 0.125 x 0.375 Roll Pins
  - 8 4" Cable Ties
  - 2 Dielectric Grease Packs
- 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.**

**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, 1/8" drill bit, wire strippers/crimpers, test light, and a marker.

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

### MOUNTING PROCEDURE

**NOTE:** We recommend using Kuryakyn's Universal Wiring and Relay Kit (P/N 2328) to manually operate the driving lights and avoid overloading any of the motorcycle's existing circuits.

**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 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** Secure the light assembly to the two-piece clamp with the included 5/16" -18 x 34" Button Head Cap Screw (clamp sold separately).

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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 3** Hold the driving lights with clamp half on the motorcycle. Select light mount in front or behind forks; position wires to exit rear.

**STEP 4** Position your lights where you would like them.

**STEP 5** Use a marker and make a line on the light mount as well as the clamp. See [PIC. 1](#).

**STEP 6** Remove the lights from the bike.

**STEP 7** Remove the center mounting bolt connecting the clamp to the light.

**STEP 8** Take the light mount and slide the wires back through it so it is free of any wires.

**STEP 9** Place a bolt through the center mounting hole centering the light mount and clamp. Be sure to line up the marks you made in step 5 before tightening the bolt. See [PIC. 2](#).

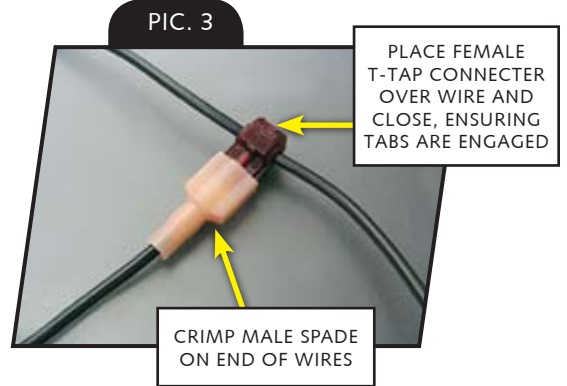
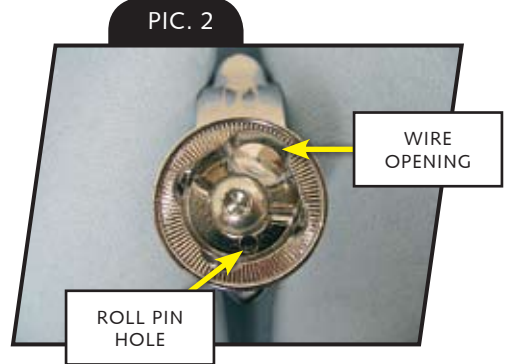
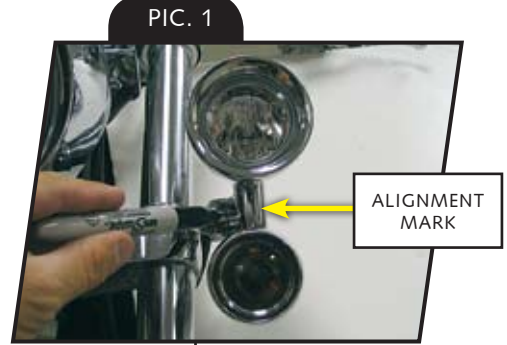
**STEP 10** Use a bench vise or similar device to secure the light mount and clamp.

**STEP 11** Use a 1/8" drill bit and insert it through the hole in the light mount and into the clamp. Drill roughly 1/8" into the clamp.

**STEP 12** Remove the center bolt used in step 9. Take the provided roll pin and insert it from the clamp mount side into the light mount. The roll pin should protrude to insert into the clamp half.

**STEP 13** Reassemble the clamp and light mount with the lights.

**STEP 14** Apply steps 2-14 for the opposite side.



## MOUNTING PROCEDURE

**STEP 1** Remove the headlight and route the wires into the headlight housing through the hole at the back of the housing.

## WIRING COLOR CODES FOR DRIVING LIGHTS AND TURN SIGNALS

Color	Function
Black	Ground
Violet	"High" Turn Signal
Blue	"Low" running light
White	Driving Lights Power Wire

**STEP 2** Using wire strippers remove a small amount of insulation from the ends of the wires.

**STEP 3** Insert each individual exposed end of the violet, blue and black wires into their own male spade and crimp the end making sure that the wire is secure, as shown in [PIC. 3](#).

**STEP 4** Use a test light with the key in the on position to determine the right and left turn signal wires; place a female T-Tap connector over each wire and close them, ensuring that the tabs are engaged as shown in [PIC. 3](#).

**STEP 5** Place a small amount of dielectric grease on the female T-Tap connectors and insert the male spade connectors from the left side turn signal's violet into the female T-Tap installed on the left signal wire.

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

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**STEP 6** Use a test light with the key in the on position to determine the running light wire. Place two female T-Tap connectors over this wire; close them, ensuring that the tabs are engaged as shown in [PIC. 3](#).

**STEP 7** Place a small amount of dielectric grease on the female T-Tap connectors. Insert the male spade connectors from the blue wires into the female T-Tap connectors installed on the running light wires.

**STEP 8** Connect the black wires from the signals to a chassis ground, or a known wiring harness ground.

**NOTE:** You may install the white power wires from the driving lights using the female t-tap connectors and connect them to a "keyed" power source. The lights draw approximately 6 amp; before connecting the power wires to a circuit check to make sure that the circuit can handle the additional load.

**STEP 9** To power the driving light wires we recommend using Küryakyn Universal Wiring Adapter (P/N 2328).

**STEP 10** Once all connections are connected turn the key to the on position and check to ensure the lights work properly with the high and low beam as well as the turn signals.

**STEP 11** If lights do not work, go over the wire connections and check all plugs to see if they are plugged-in correctly. You may also have to use a test light again check and see if the spade/T-Tap connectors are in the proper locations.

**STEP 12** When you have confirmed all the wiring, use the supplied cable ties and tie wires out of harms way.

**NOTE:** Ensure the handlebars have full movement, side to side after all wires have all been secured.

**STEP 13** Reinstall the headlight and trim ring. Secure all fasteners.

**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.

**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 any warranty on components lost due to improper installation. Periodic maintenance may be required.

*Ride On!*