



# INSTALLATION

## BULLET LIGHT REAR TURN SIGNAL BAR 2098

### PARTS INCLUDED

- 1 Bar/Lights/License Plate Light Assembly—Chrome
- 1 License Plate Bracket—Chrome
- 1 Hardware Kit Including:
  - 2 5/16"-18 x 5/8" Hex Head Flange Screws
  - 2 1/4"-20 x 1/2" Button Socket Cap Screws
  - 1 Adhesive Foam Pad
  - 1 Alcohol Pad
  - 2 Female T-Tap Connectors
  - 2 Insulated Male Spade Connectors
  - 10 Pin Terminals
  - 10 Socket Terminals
  - 4 Ring Terminals
- 1 Connector Kit Including:
  - 2 Wired Male Connector Plugs
  - 4 3mm x 3/4" Long Heat Shrink Tubing
  - 10 4" Cable Ties
- 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.**

<b>WARNING</b>	<b>THIS INDICATION ALERTS YOU TO THE FACT THAT IGNORING THE CONTENTS DESCRIBED HEREIN CAN RESULT IN POTENTIAL DEATH OR SERIOUS INJURY.</b>
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<b>NOTICE</b>	<b>This indication alerts you to the fact that ignoring the contents described herein may negatively affect product performance and functionality.</b>
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<b>NOTICE</b>	<b>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.</b>
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### TOOLS SUGGESTED

Set of Combination Wrenches, Set of Hex Wrenches, Phillips Screwdriver, Wire Cutter/Crimper, Soldering Iron and Solder, Test Light

**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.

### 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.

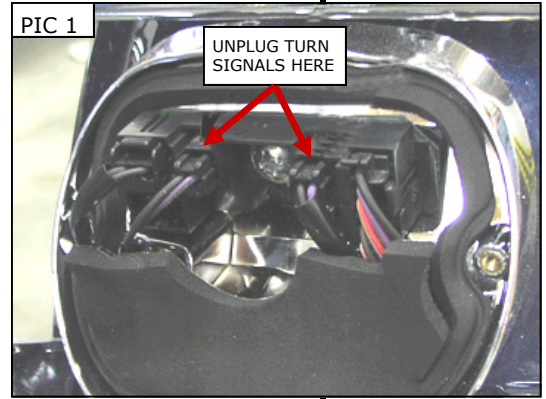
Be sure to ask your local dealer about other Kuryakyn® products, the motorcycle parts and accessories designed for riders by riders.

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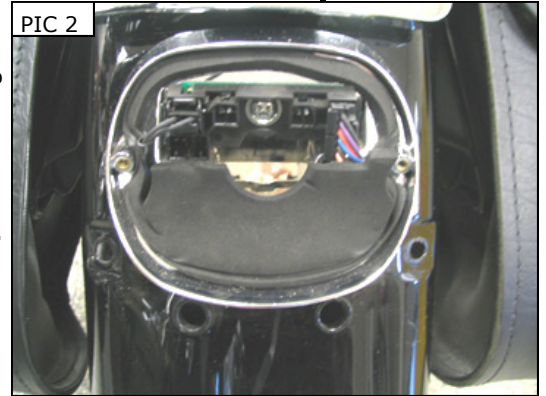
**WARNING** A FACTORY SERVICE MANUAL WILL BE HELPFUL IN PERFORMING THIS INSTALLATION. DO NOT ATTEMPT TO PERFORM THIS INSTALLATION IF YOU ARE NOT CONFIDENT IN YOUR ABILITY TO COMPLETE ALL OF THE STEPS IN THE PROCEDURE; CONSULT A TRAINED TECHNICIAN. IMPROPER INSTALLATION COULD RESULT IN SERIOUS INJURY OR DEATH.



**NOTE:** There are a few variations of how the rear turn signals are wired for the years this part is called out for. Different styles of connectors are supplied to make connections. The following photos were taken of a Twin Cam Heritage model taillight base.

**STEP 2** Remove the taillight lens. If you have a Twin Cam, unplug the two connections shown in PIC 1. If you have a pre Twin Cam, unplug the wires in front of the light bracket.

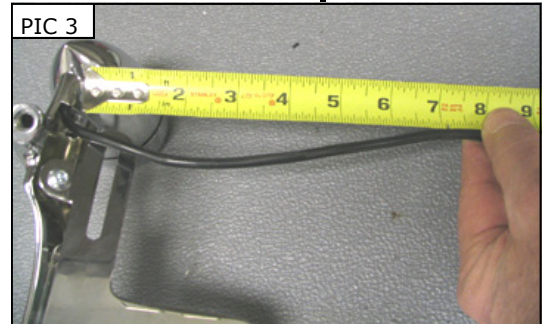
**STEP 3** Remove the two fasteners under the fender that secure the OEM light bar on the bike. Feed the wires from the taillight base thru the fender holes to remove the light bar assembly. With the light bar removed a Twin Cam fender and taillight base will look like PIC 2.



**NOTICE**

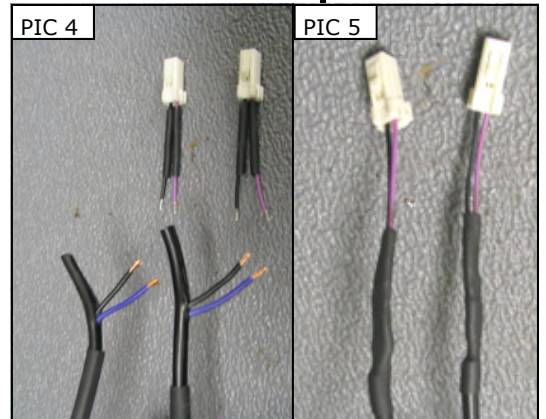
**MEASURE TWICE – CUT ONCE. Double check all reference marks made on the wire harness BEFORE cutting the harness. Kuryakyn will not be responsible for incidental or consequential damages resulting from this installation.**

**STEP 4** On a Twin Cam it works well to cut the new turn wires about 8" from the new light bar. PIC 3 On an Evo the wire only needs to be a few inches long. Make sure you measure your bike fitment before you cut the wires.



**STEP 5** For Twin Cam models and '95-'99 Evo we have supplied the wire ends and shrink tube so you can solder your connections. PIC 4 Blue from the Light Bar harness to Purple on the wire connector, Black to Black. Pre-'95 you will need to either use the connectors supplied or use connectors of your choice. The Blue wire is turn signal power, Black is ground.

**STEP 6** PIC 5 shows the finished wires after the shrink tube has been installed.



**NOTICE**

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

**STEP 7** Install the new light bar in the reverse order the old one was removed. On Twin Cams, attach a wire tie to the wires so they can not fall back thru the base holes and contact the rear tire. PIC 6 Plug the connectors into the turn signal locations on the taillight base.

**NOTE:** Due to manufacturing tolerance differences, paint build-up, etc., you may have to modify the holes in the fender for proper bolt alignment.

**NOTICE**

**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.**

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**NOTICE**

LED circuit boards are polarity sensitive! Use a test light to check the polarity of the bike's wiring before connecting the LED circuit board. Küryakyn is not responsible for damage to the LED circuit board caused by reversed polarity.

**NOTICE**

Use a test light to verify wire functions before connecting the LED circuit board to non-stock wiring. Küryakyn is not responsible for damage to the LED circuit board caused by non-stock wiring.

**STEP 8**

On Twin Cams, connect the license plate LED light wire to the wires going to the bulb base. PIC 7 Connect the LED red wire to the hot run blue wire. The black is the ground and needs to be connected to the black wire in the bulb base. On a pre Twin Cam, get the power either from the back side of the taillight base, or run the wires under the seat to gain a power source.

**STEP 9**

If you have our Panacea taillight system, you can wire the license plate wire into the blue and black wires as shown in PIC 8. The red brake wire has been removed from the Panacea pigtail.

**STEP 10**

Arrange the wires in the center of the taillight base so there is plenty of space to securely fasten the taillight lens. PIC 9 Replace the taillight lens and tighten securely. Install your license plate to the mount on the light bar.

**NOTICE**

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.

**STEP 11**

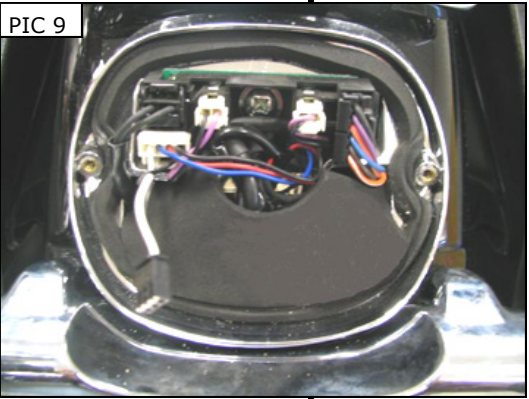
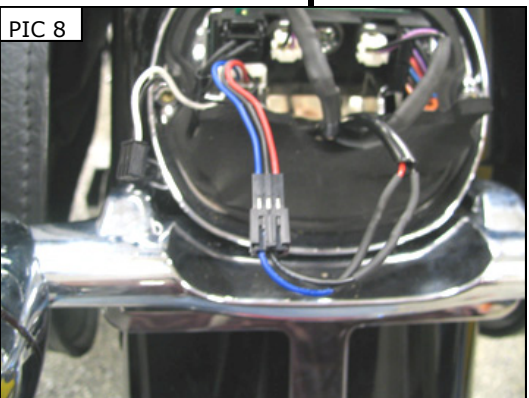
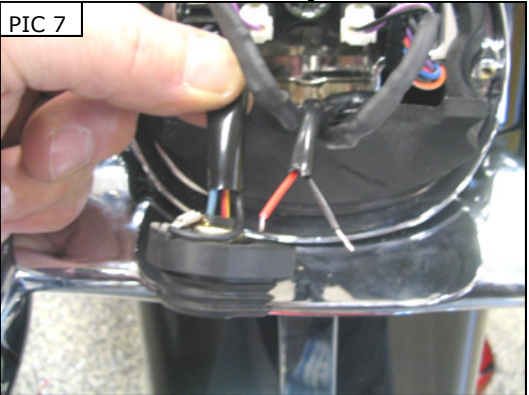
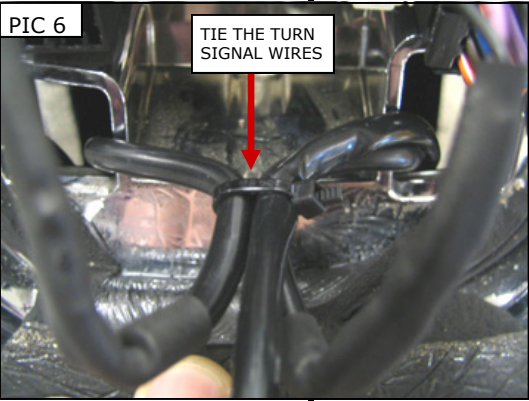
Check to make sure all fasteners are tight, and all lights work properly before riding bike.

**WARNING**

ENSURE PROPER LIGHT OPERATION BEFORE RIDING THE MOTORCYCLE. VISIBILITY IS A MAJOR CONCERN FOR MOTORCYCLISTS. A LIGHT 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.



*Ride On!*