



# INSTALLATION

## L.E.D. MINI BULLETS

## 2501

### PARTS INCLUDED

- 2 Smooth Red L.E.D. Mini Bullet Light Assemblies
- 1 Hardware Kit
  - 2 3/8" Rubber Washers
  - 2 3/8"-16 x 5/8" Hollow Hex Bolts
  - 2 3/8" Flat Washers
- 2 12" Long Vinyl Sheathing Pieces
- 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.**

#### ⚠ WARNING

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

#### NOTICE

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

#### ⚠ CAUTION

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

#### NOTICE

**IF INSTALLING THIS PRODUCT FOR ANOTHER PARTY, PLEASE MAKE SURE THEY RECEIVE THIS COPY OF THE INSTALLATION INSTRUCTIONS SO THEY ARE AWARE OF**

### TOOLS SUGGESTED

Wire Stripper, Wire Cutter, Pliers, Set of Combination Wrenches, Wiring Supplies

**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.

#### NOTICE

**The intent of these L.E.D. Mini Bullets are as supplemental lighting only. Any other use may be in violation of Federal, State or local regulations.**

#### ⚠ 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.**

### 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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**STEP 2** Install the Mini Bullets at the location you choose or on brackets that you supply. The Mini Bullet uses a 3/8"-16 hollow bolt for mounting as well as a flat washer, and a rubber washer to protect painted surfaces. Tighten the light securely, but don't over do it.

**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.

**STEP 3** Route the wires neatly out of harms way.

**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.

**WIRING FOR REAR APPLICATIONS:**

**NOTE:** Because these L.E.D. Mini Bullets light RED in color, they may only be used as additional LIGHTING on the REAR of motorcycles.

**STEP 4** Locate the wire harness that goes to the turn signals or running lights.

**STEP 5** Using a test light, or the wiring schematic for your motorcycle: turn the bike "on" and locate the left and right turn signal power wires, brake light power wire or a "keyed" 12 volt power wire (for use as running lights-**rear only**) and a good ground wire (you may also use the frame of most motorcycles for the ground). Mark these for reference. Turn the bike "off" and disconnect the battery.



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

**STEP 6** Locate the wire harnesses from the Mini Bullet Light. Determine if you are going to use the Mini Bullet Lights for turn signals or running lights.

**For use as turn signals:** splice the **VIOLET** wire from the left Mini Bullet to the wire marked left turn from Step 5. Splice the **VIOLET** wire from the right Mini Bullet to the wire marked right turn in Step 5. Splice both **BLACK** wires from the Mini Bullet Lights to the ground wire or ground location from Step 5.

**For use as running lights or brake lights:** splice the to **VIOLET** wires from the Mini Bullets to the brake light power or a "keyed" 12 volt power wire (for use as running lights-**rear only**) marked in Step 5. Splice both **BLACK** wires to the ground wire or ground location from Step 5.

**STEP 7** Connect the battery. Start the motorcycle and test all lights.



**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.