



## L.E.D. FRONT BULLET TURN SIGNAL INSERTS

### 5456

### PARTS INCLUDED

- 2 L.E.D. Front Bullet Turn Signal Inserts with Black Bezels and Smoke Lenses
- 1 Load Equalizer
- 1 Dielectric Grease
- 3 Wire Connectors—(Scotch Locks)
- 1 Installation Instructions

Please read and understand entire instructions before starting installation. This product is FMVSS #108 compliant.

### 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

Flat Blade Screwdriver, 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.



**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.

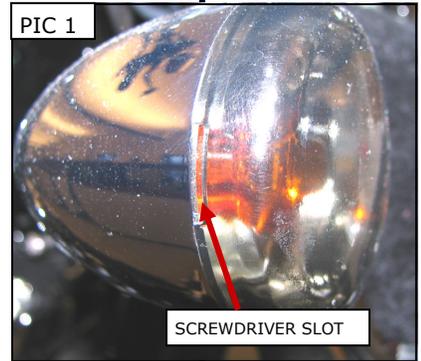
Be sure to ask your local dealer about other Kuryakyn® products, the motorcycle parts and accessories designed for riders by riders.

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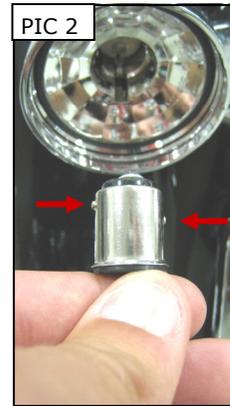
**NOTE: Pictures shown of Chrome parts. Installation of Black parts will be the same.**

**STEP 2** Remove the stock lens by grasping it firmly and pulling away from the chrome housing while twisting. If the lens is difficult to remove, turn the lens until you see a small "pry slot". Insert a flat tip screwdriver in the slot and twist gently until the lens pops out. Remove the bulb from the light socket by pushing it inward gently and twisting it counter clockwise. PIC 1



**STEP 3** Install the L.E.D. light connector in the same manner the stock bulb was removed. As shown in PIC 2, install the new turn signal conversion. Notice the position of the pins on the connector and install as shown in PIC 2. Apply dielectric grease and push it in gently and turn clockwise. Using a screwdriver in the slot on the connector may ease installation. PIC 3

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



**STEP 4** Install the lens assembly by pushing it into the light housing until it snaps into place. PIC 4

**NOTE: THIS NEXT STEP DOES NOT APPLY TO CAN BUS EQUIPPED MOTOR CYCLES. NO LOAD EQUALIZER IS NEEDED ON CAN BUS SYSTEMS WHEN USING A REAR RUN-TURN-BRAKE CONTROLLER OR L.E.D. TURN SIGNAL CONVERSIONS. If the turn signals flash rapidly on Can Bus systems, you may need to synchronize the turn signal system. Do this by starting the motorcycle and turning one turn signal on for 5 flashes. Turn that signal off and turn on the other signal for 5 flashes. Turn the motorcycle off. Start the motorcycle and verify the signals flash at the correct rate.**



**CAUTION** Always install the load equalizer upstream of any existing multifunction control modules. Do not install a load equalizer between a module and the turn signals as this will overload the module. Overloading will damage the module and may create a fire hazard!

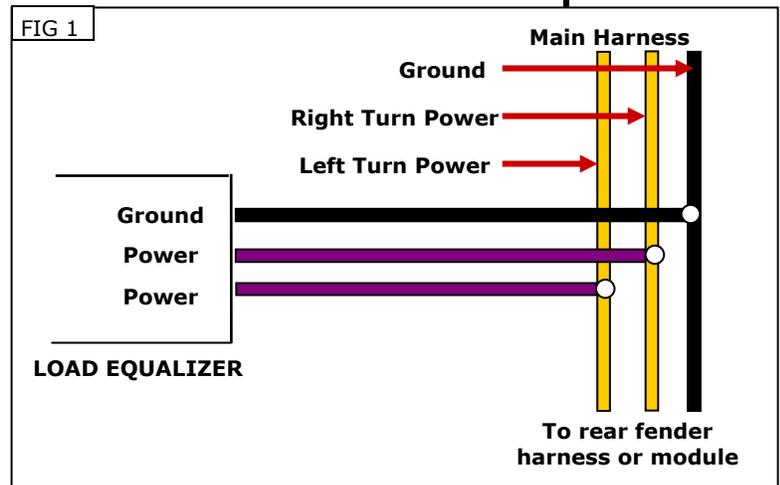
**CAUTION** Load equalizers generate heat when in use. Avoid using the turn signals for an extended period of time, otherwise the load equalizer will overheat. Never operate the four-way flashers unless you first remove the load equalizer. Overheating will damage the load equalizer, causing loss of turn signal operation and may create a fire hazard!

**STEP 5** Start the bike and check for normal operation. If the turn signals light but do not flash, flash normally several times then flash rapidly, or if the security system warning light remains lit, the included load equalizer will need to be installed. This can be accomplished several ways:

- If the bike is equipped with a Küryakyn Panacea Taillight System or Küryakyn Run-Turn-Brake Controller, simply plug the load equalizer into an unused connector on the module. If there aren't any unused connectors on the module, cut off the connector of the included load equalizer and using the included Scotch Locks, splice the wires to the like-colored wires on the load equalizer already in place.

**NOTE:** If the bike is not equipped with a Küryakyn Panacea Taillight System or Küryakyn Run-Turn-Brake Controller and you do not wish to splice into bike's wiring, Küryakyn offers plug-in Load Equalizer Adapters (P/N 4837, or P/N 5499, sold separately) that fit most '96-later H-D models. These adapters plug into the stock wiring harness under the seat or behind the side cover (ensure that these are being connected upstream from any multi-function controller) and provide connectors that will accept the load equalizer.

- If the bike is not equipped with a Küryakyn controller of any sort, locate the left and right turn power wires and a ground wire on the bike's wiring harness using a test light or wiring schematic for your model, typically easiest access is beneath the seat or behind a side cover. Cut off the connector of the included load equalizer and using the included Scotch Locks, connect one violet wire from the load equalizer to the bikes' right turn power wire and the other violet wire from the load equalizer to the bike's left turn power wire. Connect the black wire from the load equalizer to the ground wire. FIG 1



**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.

**WARNING** AFTER INSTALLING THE SEAT, PULL UP ON IT TO ENSURE IT IS LOCKED INTO PLACE. A LOOSE SEAT CAN SHIFT AND CAUSE LOSS OF CONTROL RESULTING IN SERIOUS INJURY OR DEATH.

**NOTICE** Do not secure the load equalizer to the control module! Excess heat from the load equalizer could damage the control module.

**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.

**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.