



## UNICEA TOMBSTONE TAILLIGHT SYSTEM 5411

**FITS: '05-UP DELUXE, '07-UP FLHRSE AND '02/'03 FLSTS**

### PARTS INCLUDED

- 1 LED Board
- 1 Load Equalizer
- 1 Run-Turn-Brake Controller
- 2 Red LED Turn Signal Inserts
- 1 Dielectric Grease Pack
- 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.**

**CAUTION!** This indication alerts you to the fact that ignoring the contents described herein can result in potential injury or material damage.

**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, Phillips screwdriver, combination wrenches, small flat screwdriver.

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

### PROCEDURE

**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** Turn the ignition on and verify that the left and right turn signals are functioning properly.

**STEP 3** Hold the stock turn signal lens, and using a small flat screwdriver in the pry slot, carefully remove the stock lens.

**STEP 4** Remove the stock bulb by gently pushing in and turning it counter-clockwise.

**CAUTION!** LED circuit boards are polarity sensitive! Use a test light to check the polarity of the bikes wiring before connecting the LED circuit board. Kuryakyn is not responsible for damage to the LED circuit board caused by reversed polarity.

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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 non-conforming 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.

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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 5** Apply a small amount of dielectric grease to the socket from the LED turn-signal; install the socket by pushing in lightly and turn clockwise.

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

**STEP 6** Repeat STEP 2 through STEP 5 for the other side.

**STEP 7** Turn the ignition on and verify that the right and left turn signals are functioning properly. If the signals are not functioning, use a test light, to verify the polarity of the OEM turn signal wires.

**STEP 8** Remove the license plate bracket by removing the hardware that is shown in PIC. 1; this hardware will be used again.

**STEP 9** Remove the three screws that secure the taillight housing as shown in PIC. 2 and remove the taillight housing.

**STEP 10** Remove the stock taillight bulb; apply dielectric grease to the connector from the LED board and install the connector from the LED board.

**STEP 11** Place the board in the housing as shown in PIC. 3 so that the holes in the mounting plate line up with the holes in the taillight housing.

**STEP 12** Reinstall the taillight housing, placing it so that the edges of the housing are on the rubber gasket; secure with the three screws that were removed in STEP 9.

**STEP 13** Reinstall the license plate bracket using the hardware that was removed in STEP 8.

**STEP 14** Remove the seat from the motorcycle.

**STEP 15** Locate the taillight harness and disconnect the 8-pin connectors as shown in PIC. 4.

**STEP 16** Apply a small amount of dielectric grease to the ends of the run-turn-brake controller.

**STEP 17** Plug the ends of the controller into the taillight harness.

**STEP 18** Plug the load equalizer into either of the white three-pin connectors from the run-turn-brake controller.

**STEP 19** Place the run-turn-brake controller in a location so that the controller and/or the wires will not be crushed or pinched.

**ATTENTION!** Secure all wiring away from any moving parts, pinch points or extreme heat. Kuryakyn WILL NOT warranty any electrical component that fails due to pinched, crimped, broken, abraded, melted or frayed wires.

**STEP 20** Secure the load equalizer to the frame or other similar structure. Do not secure it to the run-turn-brake controller or any other heat-sensitive components.

**CAUTION!** Do not secure the load equalizer to the run-turn-brake control module or any other heat sensitive components! Excess heat from the load equalizer may damage components!

**STEP 21** If you do not wish for the brake lights to flash when the brakes are applied, remove the flashing tab from the control module as shown in PIC. 5.

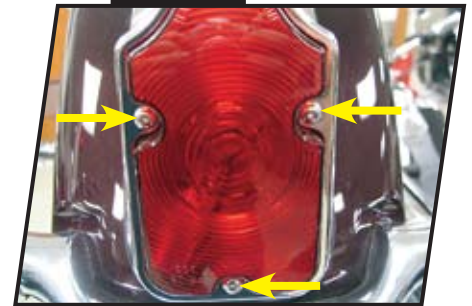
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PIC. 1



PIC. 2



PIC. 3



PIC. 4



PAGE

**2**

**STEP 22** Reinstall the seat.

**ATTENTION!** It is the installer's responsibility to ensure that all of the fasteners (including pre-assembled) are tightened before operation of the motorcycle. Kuryakyn will not warranty components lost due to improper installation. Periodic maintenance may be required.

**CAUTION!** Always install the load equalizer upstream of any existing aftermarket 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 create a fire hazard!

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

*Ride On!*

**Kuryakyn**<sup>®</sup>

PIC. 5



REMOVE THE FLASH TAB IF YOU DO NOT WISH FOR THE BRAKE LIGHTS TO FLASH WHEN THE BRAKES ARE APPLIED