



# INSTALLATION

## L.E.D. RUN-TURN-BRAKE SPOILER

## 7767

### PARTS INCLUDED

- 1 Spoiler Assembly with LED Run-Turn-Brake Light
- 2 Spoiler Bases
- 1 Wiring Harness
- 1 Drilling Template
- 1 Hardware Kit
  - 4 1/4"-20 x 3/4" Socket Head Cap Screws
  - 4 1/4" Flat Washers
  - 2 Anti-Seize Packets
  - 6 Cable Ties
  - 2 Dielectric Grease Packets
- 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.**

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

**ATTENTION!** 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 or material damage.

### TOOLS SUGGESTED

Set of Hex Wrenches, 1/2" Drill Bit, 17/64" Drill Bit, Tape Measure, Masking Tape

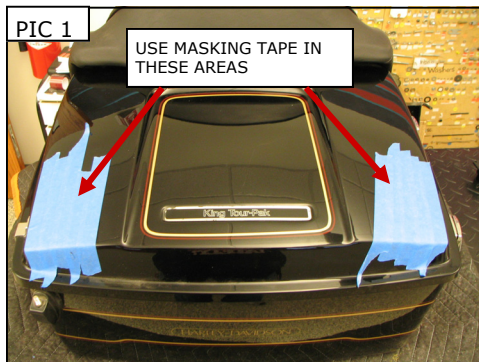
**STRICTLY OBSERVE THE FOLLOWING GUIDELINES IN ORDER TO USE THE PRODUCT PROPERLY AND AVOID POTENTIALLY DANGEROUS ACCIDENTS.**

**NOTE:** This product is Plug and Play on 1997 and newer models. On 1996 and earlier models you may use Part number 4832, 8-Pin Wiring Conversion, or you may hardwire the Spoiler to the motorcycle.

**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** Apply masking tape to the Tour- Pak lid as shown in PIC 1.

**STEP 3** Locate the left and right side spoiler bases, they are marked "L" and "R". PIC 2 Test fit the spoiler bases to the spoiler and to the Tour-Pak lid, make sure that the Spoiler bases lay flat on the lid.



### 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 4** Test fit the Spoiler with Spoiler bases to the Tour-Pak lid. If you have a luggage rack installed, test that the Spoiler bases are not too close to the edge of the Tour-Pak lid and that there is no contact between the Spoiler and the luggage rack. After test fitting the Spoiler, remove the luggage rack (if equipped).

**NOTE:** Kuryakyn recommends P/N 7138, Luggage Rack Relocation kit, for 2010 and later Harley Ultra Limited, and any other model that has an existing luggage rack, to ensure proper clearance between the Spoiler and the luggage rack.

**STEP 5** Using the supplied template, center it on the rear of the Tour-Pak lid using the reference marks on the template and aligning the rear of the template with the rear of the Tour-Pak lid. PIC 3 Use masking tape on the ends of the template to secure it to the Tour-Pak lid when lined up.

**STEP 6** Once you have determined the template is in the correct location, mark the center of each of the five holes in the template on the masking tape on the Tour-Pak lid. PIC 4

**CAUTION!** **MEASURE TWICE – DRILL ONCE.** Double check all reference marks made on the Tour-Pak Lid **BEFORE** drilling the lid. Kuryakyn will not be responsible for incidental or consequential damages resulting from this installation.

**STEP 7** Drill a small pilot hole first in the center of all five marks made in Step 6. Using the 17/64" bit, enlarge the four corner holes. Using the 1/2" bit, enlarge the center hole on the left (clutch) side. Remove the masking tape from the Tour-Pak lid.

**STEP 8** Remove the tape backing from the right side Spoiler base. Carefully position the Spoiler base over the two holes on the right side of the Tour-Pak lid. When positioned as desired, press the Spoiler base to the Tour-Pak lid so that it sticks in place. PIC 5

**STEP 9** Make sure that the left side Spoiler base is with the Spoiler. As shown in PIC 6, route the wiring from the Spoiler through the center hole from Step 7.

**STEP 10** Remove the tape backing from the left side Spoiler base. Hold the Spoiler base in place against the Spoiler and lower the entire Spoiler toward the Tour-Pak lid. Place the right side of the Spoiler in place on the Spoiler base and position the Spoiler as desired. Press the left side of the Spoiler down so that the left side Spoiler base sticks in place.

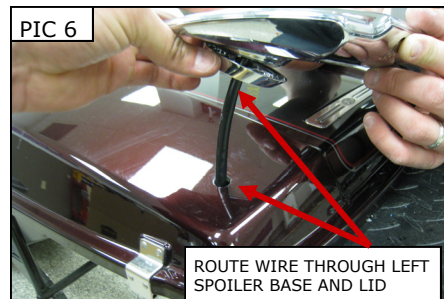
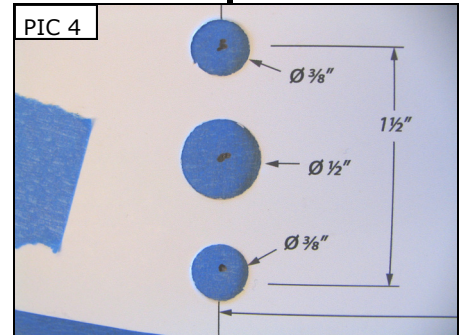
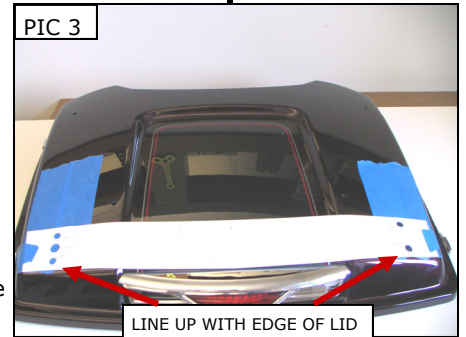
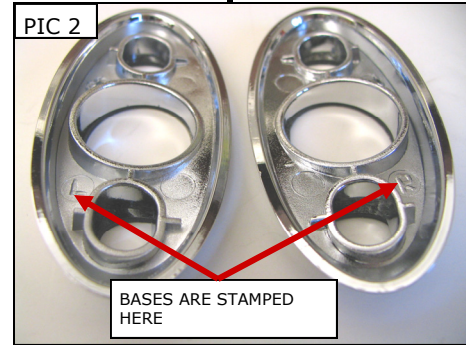
**STEP 13** Lay the Spoiler in place over the Spoiler bases and make sure it fits snug and has enough clearance around any luggage rack that may be installed. From the underside of the Tour-Pak lid, check that the holes line up with the threaded holes in the Spoiler.

**ATTENTION!** Ensure that the supplied anti-seize is applied to all threaded fasteners before installation; this will make future removal of the fasteners easier.

**STEP 14** As shown in PIC 7, secure the Spoiler in place from the bottom using the 1/4"-20 x 3/4" Socket Head Cap Screws with 1/4" Flat Washers included.

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

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## Wiring Harness Installation

**NOTE:** This product is Plug and Play on 1997 and newer models. On 1996 and earlier models you may use Part number 4832, 8-Pin Wiring Conversion, or you may hardwire the Spoiler to the motorcycle.

**Küryakyn**

**STEP 1** Remove the seat and locate the H-D main wiring harness. PIC 8 (On trike models, locate the 8-pin connector from the main harness to the run-turn-brake controller. This is the input side of the controller and the 8-pin connector will have a RED wire with a YELLOW stripe. It should be located on the left side under the passenger handrail.) PIC 8

**CAUTION!** Always install the Spoiler Light Harness upstream of any existing multifunction control modules. Do not install the Spoiler Light Harness between a module and the bikes rear wiring harness, as this will overload the module. Overloading will damage the module and may create a fire hazard!

**STEP 2** Un-plug the connector and, as shown in PIC 9, plug the harness in place between the stock connectors.

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

**STEP 3** Open the Tour-Pak and remove the Tour-Pak liner.

**STEP 4** As shown in PIC 10, remove the rubber grommet located on the left (clutch) front side of the Tour-Pak and run the free end of the wire harness through the hole and in to the Tour-Pak.

**STEP 5** As shown in PIC 11, route the wire harness down the left side of the Tour-Pak. Match the wire color from the wire harness to the corresponding color wire coming from the Spoiler and plug in the connectors.

**STEP 6** Test the run, brake and turn functions of the Spoiler light. If they do not work correctly, check that the wires are matched according to color and that the main connectors are completely connected.

**STEP 7** Replace the Tour-Pak liner and tuck the wiring under the Tour-Pak liner so that no binding or wire pinching occurs when opening/closing the lid.

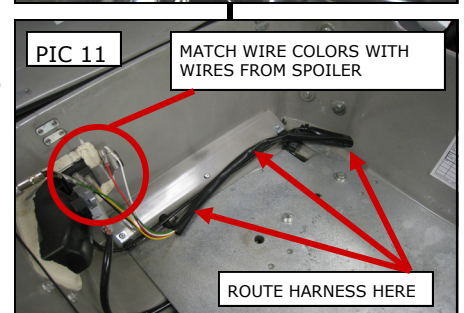
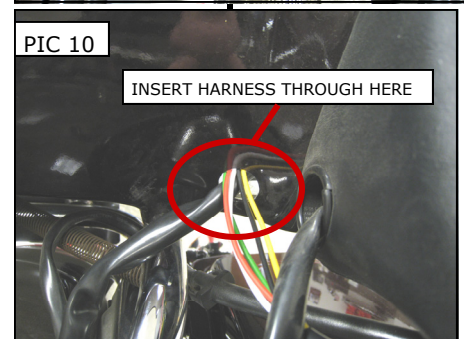
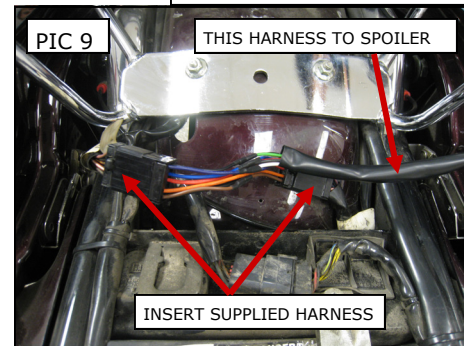
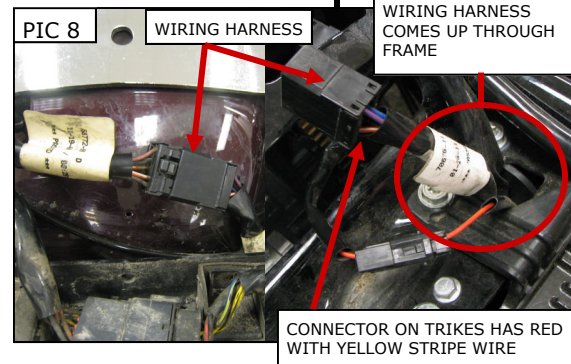
**STEP 8** Tuck the wire harness neatly in place and replace the seat. Make sure that no wires are pinched when the seat is installed.

**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 preassembled) are tightened before operation of the motorcycle. Küryakyn will not issue a warranty on components lost due to improper installation. Periodic maintenance may be required.

**STEP 9** Check that all lights function properly before riding the motorcycle.

**WARNING!** ENSURE PROPER LIGHT OPERATION BEFORE RIDING THE MOTORCYCLE. VISIBILITY IS A MAJOR CONCERN FOR MOTORCYCLISTS. A LIGHTING MALFUNCTION COULD RESULT IN DEATH OR SERIOUS INJURY.



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*Ride On!*

**L.E.D. RUN-TURN-BRAKE SPOILER**

**INSTALLATION**