CURVED TRI-LIGHT LICENSE PLATE FRAME 3145

PARTS INCLUDED

1		Curved Tri-Light Frame Assembly
1		Wiring Y Adapter Harness
1		Hardware Kit Containing
	1	Dielectric Grease Pack
	8	6" Black Nylon 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 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.**

TOOLS SUGGESTED

Set of Hex Wrenches, Set of Combination Wrenches

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.

NOTE: **Installation of Kuryakyn P/N 3145 requires the separate purchase and installation of Kuryakyn P/N 3146, Mounting Back Plate for CVO FLTRSE and FHLXSE.**

STEP 2 Remove the seat. Remove the saddlebags from the bike, remove the left side cover to expose the wiring harness.

STEP 3 Locate the three pin connector that is not being used. The lead is about 2' in length when uncoiled. PIC 1

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

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CUSTOMER SERVICE
877.370.3604 (toll free)

INSTALLATION QUESTIONS
techsupport@kuryakyn.com
or call 715.247.2983

LIMITED WARRANTY
Küryakyn warrants that any Küryakyn 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:

- Küryakyn 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.
- Küryakyn makes no warranty, expressed or implied, with respect to any gold plated products.
- Küryakyn shall not be liable for any consequential and incidental damages, including labor and paint, resulting from failure of a Küryakyn product, failure to deliver, delay in delivery, delivery in nonconforming condition, or for any breech of contract or duty between Küryakyn and a customer.
- Küryakyn products are often intended for use in specific applications. Küryakyn makes no warranty if a Küryakyn product is used in applications other than intended.
- Küryakyn electrical products are warranted for one (1) year from the date of purchase by the consumer. L.E.D.'S contained in components of Küryakyn 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.
- Küryakyn makes no warranty of any kind in regard to other manufacturer¹s products distributed by Küryakyn. Küryakyn 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 Küryakyn® products, you can receive a complete catalog free of charge. Send the Proof-of-Purchase below with your address to: Küryakyn, 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 Küryakyn® products, the motorcycle parts and accessories designed for riders by riders.

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STEP 4 Place a small amount of dielectric grease on the wiring harness plug. Place the bike plug end into the female Y-adapter plug of the new 3-pin Y-adapter. Route the adapter wire under the frame rail to under the seat of the bike. PIC 2 Secure the wire so it will not get pinched or snagged on anything under the seat.

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 5 Route the two wire harnesses from the Tri Light through the opening in the Back Plate. Loosely assemble the Tri Light frame to the back plate using the Nut Plates and Flat Socket Cap Screws from the Back Plate Kit. Place the Rubber Gasket from the Back Plate Kit onto the back of the Back Plate. PIC 3

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

STEP 6 Route the two pin connector and the three wire harness from the Tri-Light through the wiring hole in the fender that the OEM wires were removed through.

STEP 7 Cut a slit through the Rubber Grommet supplied with the Back Plate Kit, wrap it around the two wire harnesses and work it into the hole in the fender so the fender fits in the groove around the outside of the Grommet. PIC 5

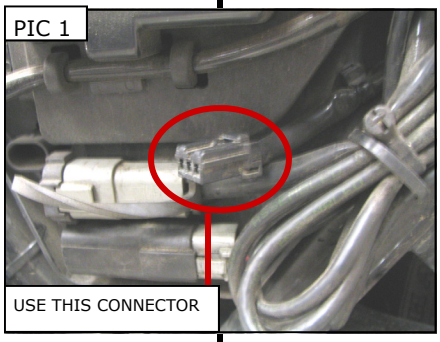
STEP 8 Make sure the Rubber Gasket stays seated against the Back Plate and using the Button Socket Cap Screws and Washers supplied with the Back Plate Kit, attach the Back Plate and Frame to the rear fender. Make sure not to pinch the wire harness from the Tri Light between the Back Plate and the fender when tightening this securely. PIC 6

STEP 9 Plug the two pin connector into the OEM location. PIC 4 Use the provided dielectric grease on this connection. Replace the cover back over the connectors by inserting the tab on the bottom of the cover into the slot in the inner fender mounting plate and fastening the top of the cover, over the stud on the inner mounting plate, with the OEM nut. Tighten Securely. Make sure the harness for the Tri Light exits the side of the cover that is notched.

STEP 10 Remove the Tri Light Frame from the Back Plate. It may be a good idea to use some masking tape on the fender to protect it from scratches. PIC 7

NOTE: **Some modification may be required on some motorcycle license plates for correct fitment/alignment in frame and for wire harness clearance behind the plate. The top edge of the license plate will need to be notched to allow clearance for the L.E.D. Light harness.**

PIC 1



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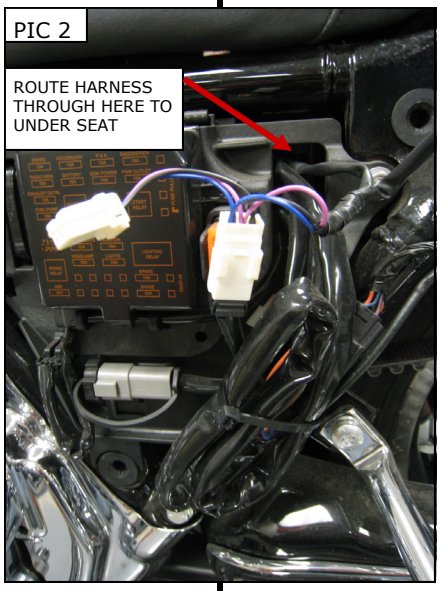

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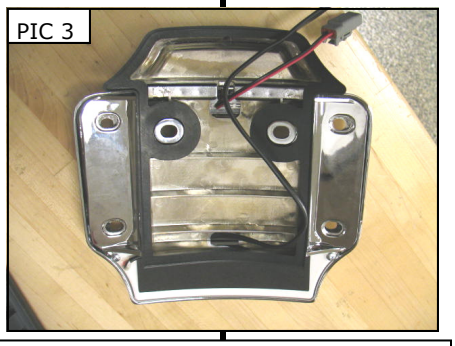

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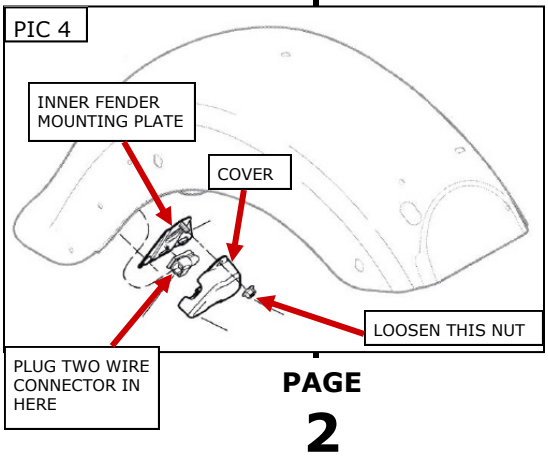

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STEP 11 Gently mold your license plate to the same bend as the back plate. Using the Nut Plates and Flat Socket Cap Screws install the license plate frame and license plate to the Back Plate. Tighten securely. .

ATTENTION! **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 issue a warranty on components lost due to improper installation. Periodic maintenance may be required.**

STEP 12 Route the three wire harness from the Tri-Light to the right side of the inner fender brace and secure it to the brace with one of the included cable ties. Route the wire harness up the backside of the right panel light to behind the strut cover, following the OEM wires from the rear light panel, to under the seat. PIC 8, 9, 10, and 11 Connect this to one of the three wire pigtails from the Y adapter installed in Step 4.

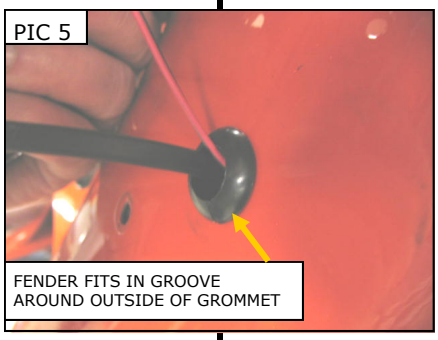
STEP 13 Turn the ignition on and test to make sure that the lights function as both running lights and brake lights. If they do not function, check all wiring connections.

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.

STEP 14 Replace the seat, side cover and saddlebag after all wires have been secured.

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.**

PIC 5



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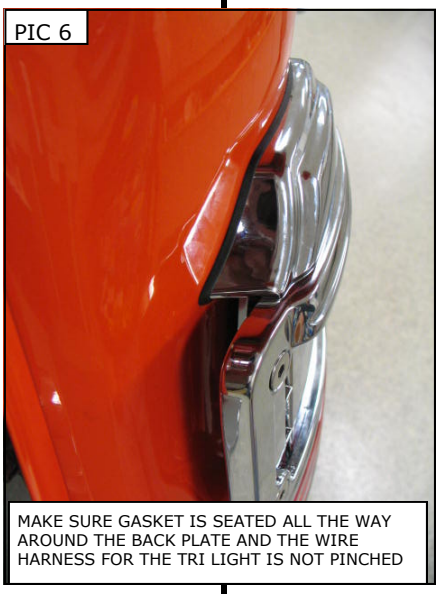

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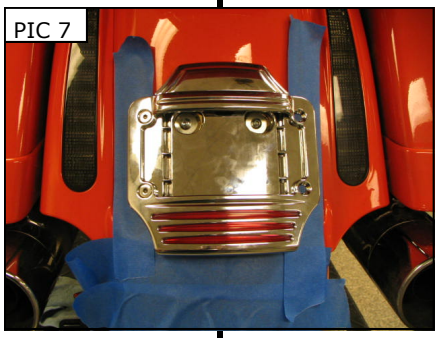

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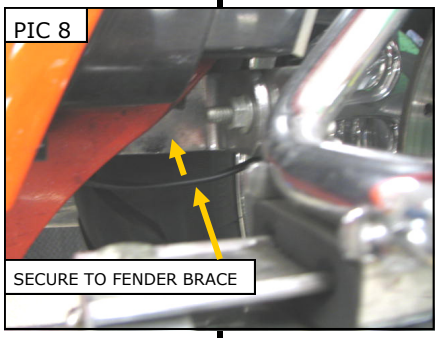

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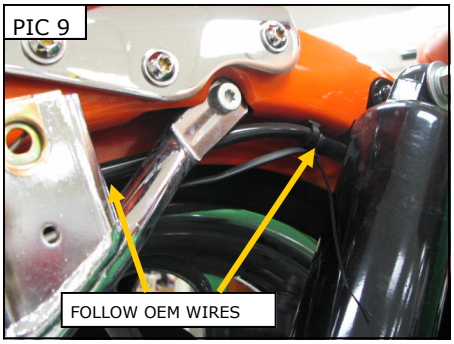
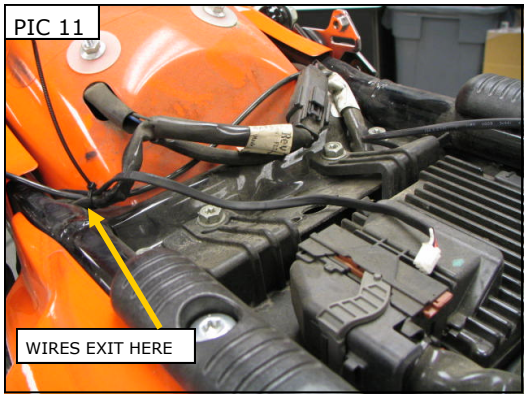


PIC 10

PIC 11



Ride On!

CURVED TRI-LIGHT PLATE FRAME INSTALLATION