



INSTALLATION

LIGHTED SWINGARM COVER SET

8221

PARTS INCLUDED

- 1 Left Upper Swing Arm Cover
- 1 Right Upper Swing Arm Cover
- 1 Left Lower Swing Arm Tube Cover
- 1 Left Upper Swing Arm Tube Cover
- 1 Right Lower Swing Arm Tube Cover
- 1 Right Upper Swing Arm Tube Cover
- 1 Left Lighted Phantom Cover Assembly
- 1 Right Lighted Phantom Cover Assembly
- 1 Hardware Kit Including:
 - 1 5/16"-18 X 1" Hex Head Cap Screw—HHCS
 - 1 5/16" I.D. Flat Washer
 - 3 1/4"-20 Nylock Nuts
 - 3 1/4"-20 x 5/8" Socket Head Cap Screws—SHCS
 - 2 Flat Clamps for Upper Swing Arm Cover
 - 1 "P" Clamp for Upper Swing Arm Cover
 - 2 1/4"-20 x 7/8" Hex Head Cap Screws—HHCS
 - 2 Mounting Tab Clamps with 1/4" Hole
 - 2 1/4" I.D. Internal Tooth Lock Washers
 - 4 #10/32 x 1/2" Button Socket Cap Screws—BSCS
 - 4 #10 Wave Washers
 - 2 "L" Brackets
 - 4 Female T-Tap Wire Connectors
 - 4 Insulated Male Spade Connectors
- 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.



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.



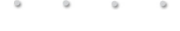
This indication alerts you to the fact that ignoring the contents described herein can result in potential injury.



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

Set of Hex Wrenches, Set of Combination Wrenches, Wire Cutter/Stripper



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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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. Let cool.

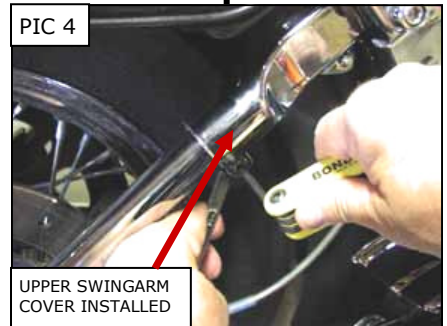
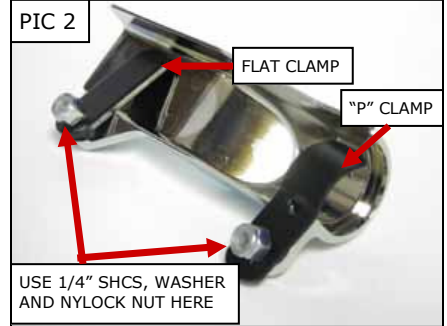
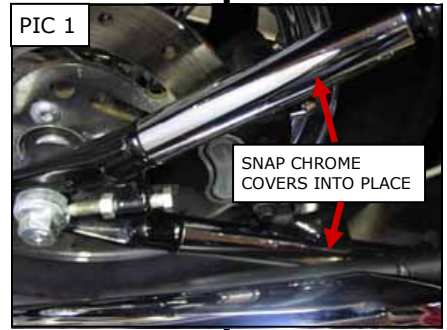
WARNING YOU WILL BE WORKING AROUND THE ENGINE AND EXHAUST SYSTEM DURING INSTALLATION. ENSURE THAT THE ENGINE AND EXHAUST SYSTEM HAVE FULLY COOLED TO PREVENT INJURY.

NOTICE The intent of these Lighted Phantom Covers are as supplemental lighting only. Any other use may be in violation of Federal, State or local regulations.

STEP 2 Identify the components used on the right and left sides of the bike. The frame tube covers are cut to length to exactly fit the lengths of tubing on each side of the swingarm. To identify placement of these different tube covers, look for cutouts that will fit around various contours and tabs welded to the swing arm. The rear axle or "Phantom" covers are identified with "L" or "R" on the inner surface. If these covers are mixed from side to side, the LED lights will not be conspicuously visible from the rear.

STEP 3 Snap the chrome tubing covers into place on each side of the swingarm. PIC 1 Although these fit tightly, you may place a couple small dabs of silicone on the inner surface of each cover for added security.

STEP 4 Install the upper swing arm covers.

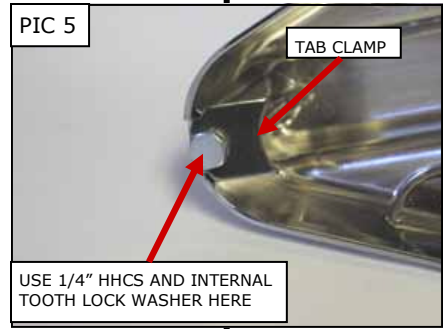


RIGHT SIDE: PIC 2 shows the orientation of the "flat" and "P" style clamps on the cover. The "flat" clamp will be used on the end of the cover nearest the front of the bike, and the "P" clamp will be used nearest the rear. Both clamps are fastened with a 1/4"-20 x 5/8" Socket Head Cap Screw and a Nylock Nut.

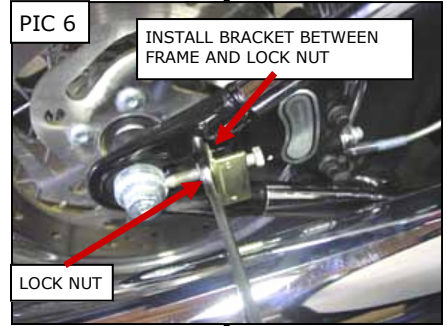
LEFT SIDE: This cover will attach in a similar manner to the right side, but instead of the "P" clamp in the rear location, it will attach to the belt guard mounting tab on the swingarm. The stock 5/16" bolt and nut will be used here, but a 5/16" flat washer will be placed over the mounting tab for added strength. (PIC.3 shows an installed upper swingarm cover — right side.)

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 5 Install the rear Phantom Covers. Check for proper side orientation. Install the small tab clamp to the rear of each cover as shown (PIC 5)— loosely for now. Use the 1/4"–20 x 7/8" hex fasteners and 1/4" I.D. internal tooth star washers.



STEP 6 Loosen the rear axle adjuster lock nut – **DO NOT LOOSEN THE ADJUSTER!** Install the mounting brackets by sliding the brackets between the locknut and the frame as shown. PIC 6 Tighten the locknut against the bracket, firmly pinching the bracket into place.



STEP 7 "Hook" the rear tab clamp over the end of the Swing Arm where indicated. PIC 7 Using the #10–32 B.S.C.S. and #10 Wave Washers, fasten the Phantom covers to the mounting brackets. Tighten the 1/4" hex fastener at the rear of the cover to tighten the tab clamps.



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WIRING PROCEDURE

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

Neatly run the wire harnesses along the back-side of the top swing arm tubes. Small nylon cable ties could be used here, positioned as inconspicuously as possible. Being sure to leave a small "loop" of wire to permit swing arm movement (be careful that this wire loop will not get caught in moving parts). Remove the seat. Run the wires to the bikes rear fender wiring harness under the seat. Using the supplied wire splice clips, connect the black wires from the Lighted Phantom covers to the bikes black wire. For running lights only, connect the red wires from the Phantom covers to the blue wire in the bike's harness. For auxiliary turn signal use, splice the red wires from the Phantom covers into the bikes violet wire for the left side, and the brown wire for the right. Test all lights. Replace the seat.

WARNING ENSURE PROPER LIGHTING 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 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.

Ride On!