



## CURVED SIDE MOUNT LICENSE HOLDER 3170

### WITH TAILLIGHT

FITS ALL '86-'06 SOFTAIL MODELS WITH OR WITHOUT KURYAKYN SWINGARM COVERS; ACCEPTS ALL 4"X7" LICENSE PLATES. COMPATIBLE WITH KURYAKYN SWINGARM COVERS P/N 8102, 8108, 8221, 8222, 8228, 8256, 8284, AND 8288.

### PARTS INCLUDED

- 1 Curved Vertical Side Mount License Holder with Tail Light
- 1 Softail Swingarm Clamp Assembly, 1.120"
- 1 Kuryakyn Softail Swingarm Clamp Assembly, 1.180"
- 1 5/16-18 x 3/4" SHCS Fastener
- 1 Wiring Kit, including:
  - 4 Cable Tie, 4" Black
  - 1 Dielectric Grease
  - 4 T-Tap Female Quick Slide Scotch-Lock Connectors
  - 4 Male Scotch-Lock Connectors
- 1 1" x 3" x 0.100" Single-Side Adhesive Pad
- 1 Installation Instructions

*Please read and understand entire instructions before starting installation.*

### THANK YOU FOR CHOOSING KURYAKYN!

**ATTENTION!** A factory service manual may be helpful in performing this installation. Do not attempt to perform this installation if you are not confident in your ability to complete all steps in the procedure; consult a trained technician.

**ATTENTION!** Please check your local and state regulations regarding the proper display of license plates before installing this side mount license plate holder.

**ATTENTION!** The running and tail light on the license plate holder is intended to function as auxiliary lighting only. Under no circumstance should it be used to replace the stock running and brake lights.

**ATTENTION!** When routing the wiring harness, be sure to keep the wiring away from any moving parts. Kuryakyn **WILL NOT** warranty any lighted license plate that fails due to pinched, crimped, broken, abraded, or frayed wires.

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

### TOOLS SUGGESTED

Allen wrenches, terminal crimpers, and test light.

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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 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. 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.

### ABOUT OUR CATALOG

You'll find all our innovations for H-D, GL and Metric Cruisers in our annual catalogs. Order online today—select the "CATALOGS" icon. Each Kuryakyn product comes with a Proof-of-Purchase good for a complimentary catalog. Details in packaging.

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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## PROCEDURE

**STEP 1** Determine which swingarm clamp you will need; for bikes with swingarm covers, use 1.180" clamp. For bikes without swingarm covers, use the 1.120" clamp. Remove the two 1/4-20 Socket Head Cap Screws holding the clamp halves together; set them aside for now.

**STEP 2** Position the rear half of the clamp on the inside of the swing arm (see [PIC.1](#)); secure the front half to the rear using the 1/4-20 SHCS removed in the previous step.

**STEP 3** Remove the paper backing from the self-adhesive pad and place the adhesive pad on the backing plate; this will help eliminate excess vibration. See [PIC.2](#).

**STEP 4** The lighted license holder can be mounted with the tail light in either the top or bottom position, as long as there is enough ground clearance and the light does not interfere with the proper operation of any moving component. To reverse the location of the light, remove the four fasteners securing the rear bracket. See [PIC.3](#). Rotate the position of the bracket and then secure with the fasteners. See [PIC.4](#).

**STEP 5** Place your license plate into the license plate frame and secure it to the back plate with the supplied fasteners. See [PIC.5](#).

**STEP 6** Loosely mount the license plate assembly to the clamp on the swingarm using the supplied fastener. Adjust the angle of the license plate assembly for best visibility. Secure the fastener. See [PIC.6](#) and [PIC.7](#).

**STEP 7** Remove the seat to access the stock wiring connections. Refer to your factory service manual for specific instructions. See [PIC.8](#).

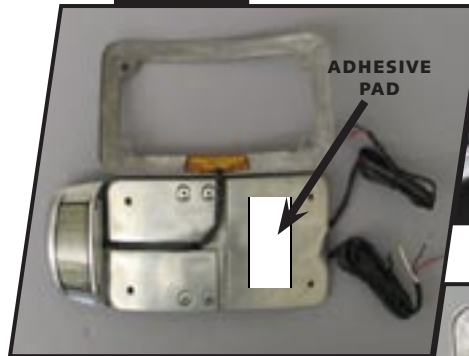
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# Kuryakyn

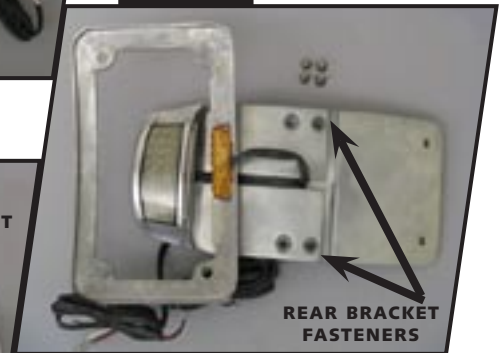
PIC.1



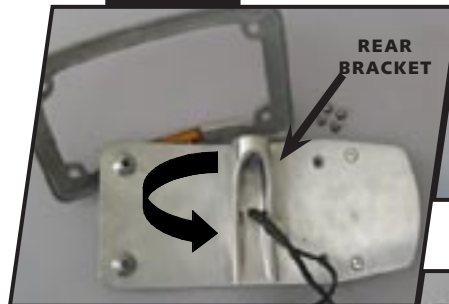
PIC.2



PIC.3



PIC.4



PIC.5



PIC.6



PIC.7



PIC.8



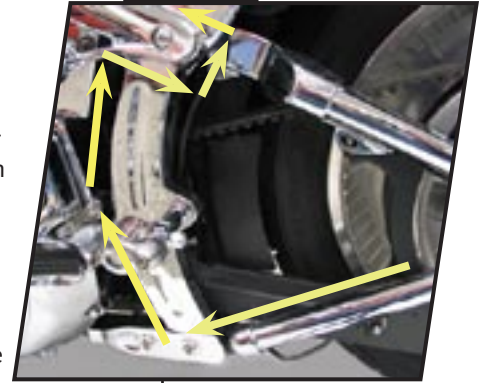
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**CURVED SIDE MNT LICENSE HOLDER**

**INSTALLATION**

**STEP 8** Route the license plate light and tail light wiring harnesses along the swingarm and up under the seat to the stock wiring connections. See [PIC.9](#). Be sure the wiring harnesses will not come in contact with any moving parts; Kuryakyn will not warranty lighted license plates that fail due to pinched, crimped, broken, abraded, or frayed wires. Secure the wiring harnesses along the swingarm with the supplied cable ties.

**PIC.9**

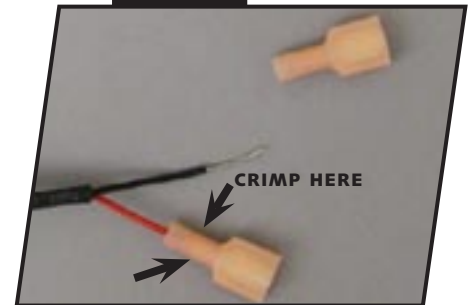


**STEP 9** Use a terminal crimper to install the male terminal ends on the stripped ends of the license plate wiring harnesses. Crimp the two red wires together and the two black wires together. Crimp a terminal onto the single white wire. The center conductor of the wires must be in the metal sleeve of the terminal end. Do not crimp the insulation of the wires. See [PIC.10](#).

**STEP 10**

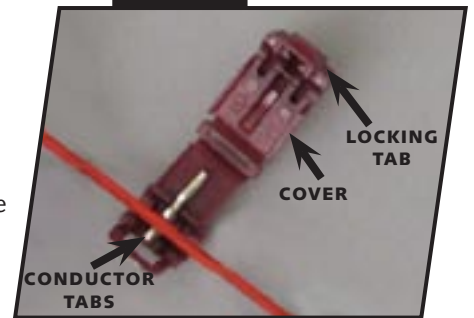
**FOR '95 AND EARLIER MODELS:** Use a test light to identify the stock "run" wire, "brake" wire, and ground wire. Install a Scotch Lock connector on each wire. Place the wire into the metal conductor tabs as shown in [PIC.11](#). Fold the cover down and squeeze until the locking tab snaps into place.

**PIC.10**



**FOR '96 AND UP MODELS:** Use your factory service manual or a test light to identify the stock "run" wire (usually blue), "brake" wire (usually red), and ground wire (usually black). You must splice into the wires upstream of the 8-pin connector that connects the rear fender harness to the main wiring harness. Install a Scotch Lock connector on each wire. Place the wire into the metal conductor tabs as shown in [PIC.11](#). Fold the cover down and squeeze until the locking tab snaps into place.

**PIC.11**

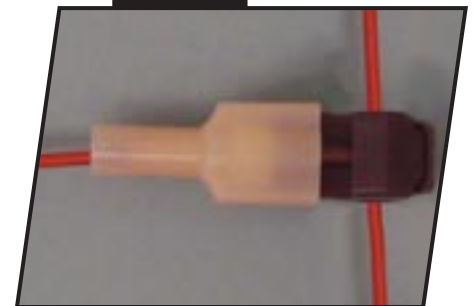


**STEP 11** Install the male terminal ends from the license plate wiring harnesses to the Scotch Lock connectors. See [PIC.12](#). Be sure to use the supplied dielectric grease on the terminal connections.

Function	License Plate	Motorcycle (check with test light)
Run	Red	
Brake	White	
Ground	Black	

**STEP 12** Turn on the ignition and check that the license plate light and the "run" feature of the tail light illuminates. Check that the "brake" feature of the tail light illuminates when the brake is applied.

**PIC.12**



**STEP 13** Replace the seat. Be sure all fasteners are secure before riding.

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P/N 3170 – PARTS

