



# INSTALLATION



## LIGHTED MIRROR CAPS FOR FLHX 1439

**FITS: '06-UP FLHX AND ANY '96-UP FLHT, FLHTC, OR FLHTCU EQUIPPED WITH H-D P/N 91945-98B**

### PARTS INCLUDED

- 1 Right Mirror Light Assembly
- 1 Left Mirror Light Assembly
- 1 Hardware Kit, including:
  - 1 Adapter Harness (six pin)
  - 2 Adapter Harness (four pin)
  - 2 Female Connector
  - 2 Wire Inserts
  - 1 Primer Tube
- 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.

**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 Torx drivers, combination wrenches or socket set and ratchet, 1/4" drill bit and drill, measuring tape or ruler, soft face hammer, test light, soapy water and a clean rag

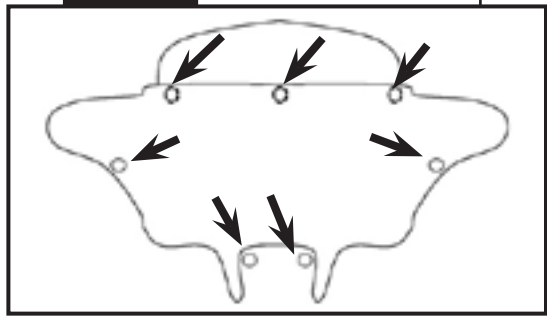
**STRICTLY OBSERVE THE FOLLOWING GUIDELINES IN ORDER TO USE THE PRODUCT PROPERLY AND AVOID POTENTIALLY DANGEROUS ACCIDENTS.**

### PROCEDURE

**STEP 1** Park the motorcycle on a hard, level surface; turn off the ignition.

**STEP 2** Remove the seven stock Torx screws securing the outer fairing to the inner fairing; set them aside, they will be re-used. See FIG.1.

**FIG.1**



### 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.

©2005 Kuryakyn USA All Rights reserved.



**ATTENTION!** Assistance is recommended to hold the outer fairing and remove the headlight after all of the screws have been removed to prevent damage.

**STEP 3** Set the outer fairing on a soft, sturdy surface.

**STEP 4** Remove the nuts securing the stock mirrors to the inner fairing. See [PIC.1](#).

**STEP 5** Remove the mirror backing plate (See [PIC.1](#)); Set the mirrors and backing plates aside, they will be re-used.

**STEP 6** Measure one inch (1") straight down from the large mirror stud hole in the inner fairing and make a mark.

**ATTENTION!** This procedure requires making permanent modifications to the inner fairing; this may void your warranty. Consult your dealer for more information.

**STEP 7** Drill a 1/4" hole in the inner fairing at the mark made in STEP 6.

**STEP 8** Repeat STEP 6 and STEP 7 for the other side.

**STEP 9** Push the included wire inserts into the drilled 1/4" holes from the outside of the inner fairing. Gently tap the wire inserts into place with a soft face hammer.

**STEP 10** Clean the backside of the mirrors with soapy water and a clean rag; allow the mirrors to dry completely.

**ATTENTION!** Thoroughly clean the area of grease, oil, dirt, or other debris to ensure proper adhesion. Küryakyn WILL NOT warranty any parts lost due to improper installation.

**ATTENTION!** The adhesive may not correctly bond if applied at temperatures less than 50°F. Do not attempt this installation in temperatures less than 50°F.

**STEP 11** Locate the included primer tube. Follow the instructions on the tube to activate the primer. Apply the primer to the backside of the mirror; allow the area to dry completely.

**CAUTION!** Follow all warnings and cautions printed on the primer tube to avoid injury or damage.

**STEP 12** Determine the right and left side Lighted Mirror Caps; the wiring harness exits the cap through the bottom when installed correctly. See [PIC.2](#).

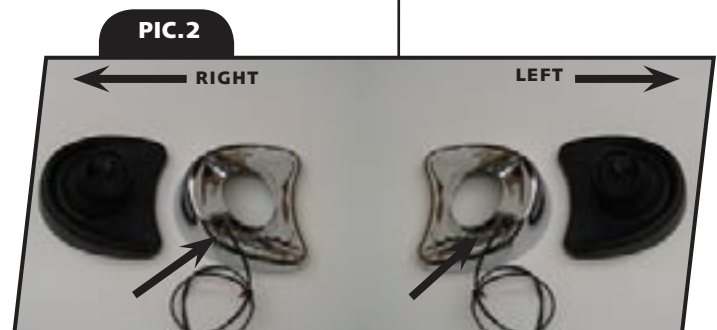
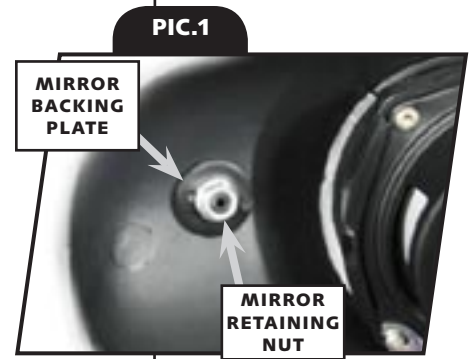
**STEP 13** Rub the adhesive backing on the backside of the Lighted Mirror Caps to activate the adhesive.

**STEP 14** Remove the adhesive backing.

**STEP 15** Place the Lighted Mirror Caps over the backside of the stock mirrors and press into place for at least 60 seconds for the best adhesion. Full bond strength will occur within 24 hours.

**STEP 16** Insert the wiring harness from the Lighted Mirror Caps through the wire insert from the outside of the inner fairing.

**STEP 17** Install the mirror in the reverse order it was removed in STEP 4 and STEP 5. Ensure that the indexing pin on the mirror locates in the hole in the inner fairing and the backing plate before tightening the nut.



**STEP 18** Repeat STEP 16 and STEP 17 for the other side.

**NOTE** STEP 19 through STEP 22 are for '05 and earlier models only.

**STEP 19** Locate the six pin harness which is generally located on the left hand side of the fairing (see [PIC.3](#)).

**STEP 20** Disconnect the harness and plug in the new six pin adapter harness from the hardware kit.

**STEP 21** Connet the mirror wiring harness into the pigtails from the adapter side. The longer three pin adapter goes to the right side mirror.

**STEP 22** Skip STEP 23 through STEP 31.

**STEP 23** Locate the stock turn signal connectors and separate them. See [PIC.4](#). There will be one violet wire, one blue wire, one grey wire, and one black wire coming out of the connectors.

**CAUTION!** Use a test light to verify wire functions before connecting the LED circuit board to non-stock wiring. Küryakyn is not responsible for damage to the LED circuit board caused by non-stock wiring.

**STEP 24** Locate the two, included, four pin Wiring Harness Adapters.

**STEP 25** Connect the adapter harnesses as shown in [PIC.5](#). The white male connector will plug into the stock black female connector. The white female connector will plug into the stock black male connector. The small black connector will be free for now.

**STEP 26** Locate the two included female connectors.

**STEP 27** Connect the included female connectors to the small black connectors from the adapter harnesses. See [FIG.2](#).

**STEP 28** With the female connector connected to the adapter harness, determine to which side the power lead and ground lead will connect to the female connector. See [FIG.2](#).

**STEP 29** Push the terminal from the red wire (from the Mirror Cap) into the female connector across from the violet wire (from the adapter harness). See [FIG.2](#).

**STEP 30** Push the terminal from the black wire (from the Mirror Cap) into the female connector across from the black wire (from the adapter harness). See [FIG.2](#).

**STEP 31** Repeat STEP 23 through STEP 30 for the other side.

**STEP 32** Turn the ignition on and test for the proper function of the turn signals; turn the ignition off when you are done testing.

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

-cont.-

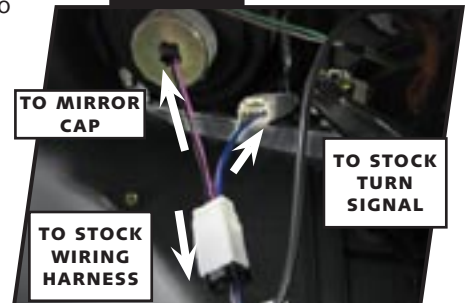
**PIC.3**



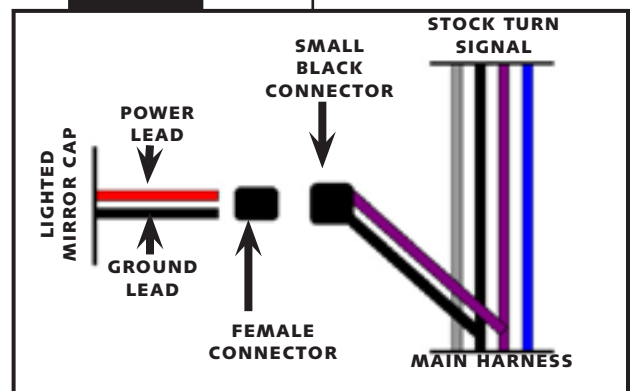
**PIC.4**



**PIC.5**



**FIG.2**



**STEP 33** Reinstall the outer fairing and secure with the seven stock screws from STEP 2.

**CAUTION!** It is the installer's responsibility to ensure all 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.

**STEP 34** Adjust the mirrors for proper visibility before riding the motorcycle.

**STEP 35** Ensure proper clearance and operation before riding the motorcycle.

**ATTENTION!** These turn signal mirrors are intended to be used as supplemental turn signals only. Any other use may be in violation of Federal, State or local regulations.

*Ride On!*

**Kuryakyn**

**PAGE**

**4**

**LIGHTED MIRROR CAPS**

**INSTALLATION**