



DRIVING LIGHTS FOR FLHX 5005

FITS: '06-UP FLHX, '04-UP SCREAMIN' EAGLE ULTRA CLASSIC ELECTRA GLIDE & SCREAMIN' EAGLE ELECTRA GLIDE CLASSIC, '97-UP FLHT, FLHTC, FLHTCU, FLHR

PARTS INCLUDED

- 1 Right Driving Light Assembly
1 Left Driving Light Assembly
1 Right Driving Light Bracket
1 Left Driving Light Bracket
4 Driving Light Plugs
1 Hardware Kit Including:
4 .3125-18 HEX Jam Nuts
4 .3125 Flat Washers
2 .250-20 x .750 Socket Head Cap Screws (SHCS)
2 .250 Narrow Flat Washers
4 Driving Light Spacers
4 .3125-18 x 1.00 Socket Button Head Cap Screws (SBHCS)
4 .3125-24 x 1.00 Socket Button Head Cap Screws (SBHCS)
1 Wiring Components Kit Including:
1 Toggle Switch
1 Toggle Switch Housing
1 Toggle Face Ring
6 6" Cable Ties
1 24" Power Y 16 AWG Wire Assembly (White)
1 24" 16 AWG Wire (White)
1 24" 16 AWG Wire (Orange)
1 24" 16 AWG Wire (Black)
1 All Purpose Lighting Kit Including:
1 Dielectric Grease Pack
6 22-18 T-Tap
6 22-18 T-Tap Mating Connector
4 22-18 Insulated Bullet Receptacle
4 22-18 Insulated Bullet
2 3 Circuit Plugs
2 4 Circuit Plugs
2 6 Circuit Plugs
1 .070 Tab
1 .070 Receptacle
6 6" Zip Ties
1 Installation Instructions

NOTE: Not all parts will be used in the installation of this product.

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.

-cont.-

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 non-conforming 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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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 hex wrenches, torx drivers, screwdrivers, small pick, vise grips, combination wrenches, socket set and ratchet, wire strippers.

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

NOTE: THERE ARE TWO DIFFERENT MOUNTING PROCEDURES, PLEASE REFER TO THE APPROPRIATE SECTIONS FOR YOUR MODEL OF MOTORCYCLE.

PROCEDURE FOR ELECTRA GLIDE AND STREET GLIDE MODELS

STEP 1 Read and understand all steps in the instructions before starting the installation. Park the motorcycle on a hard, level surface; turn off the ignition and allow the engine to 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.

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 of the steps in the procedure; consult a trained technician.

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

STEP 2 Remove the three torx screws securing the windscreen to the fairing; set them aside, they will be re-used later. See FIG. 1.

STEP 3 Remove the four torx screws securing the outer fairing to the inner fairing. See FIG. 1.

CAUTION! Avoid damage to the motorcycle. Protect painted surfaces with a soft cloth or blanket.

ATTENTION! Assistance is recommended to secure the outer fairing after all of the torx screws have been removed to prevent damage.

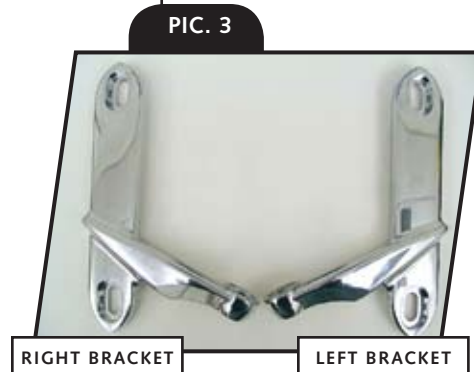
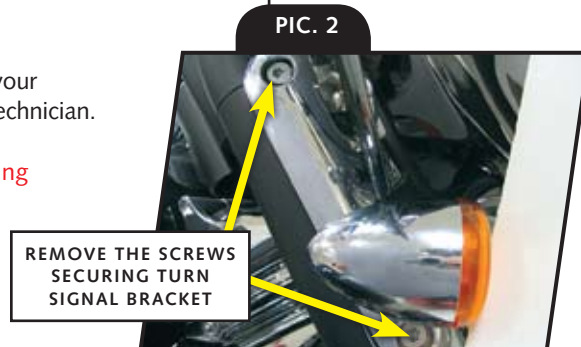
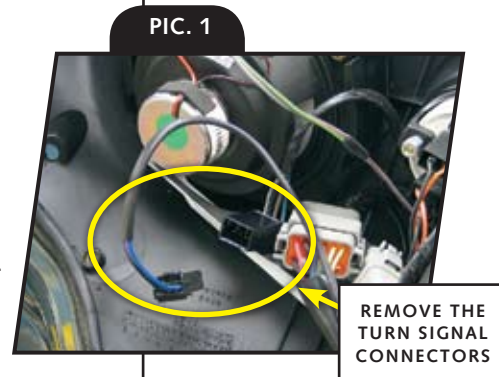
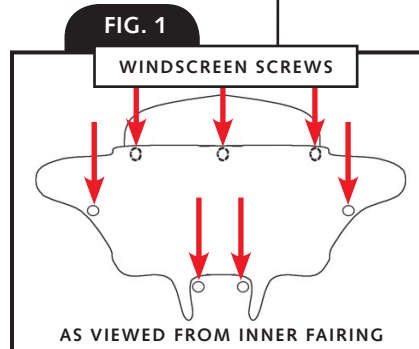
STEP 4 Unplug the headlight connector and gently set the outer fairing on a soft, sturdy surface.

STEP 5 Locate and separate the right and left turn signal connectors. The connectors are located inside the fairing usually near the speakers. See PIC. 1. There will be one violet wire, one blue wire and one black wire coming out of the connector.

STEP 6 Remove the screws securing the right turn signal bracket from the motorcycle as shown in PIC. 2 and remove the bracket.

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STEP 7 Refer to [PIC. 3](#) to determine the right driving light bracket; route the wires through the notch.

STEP 8 Place the knuckle on the bracket and start a .250-20 x .750 SHCS screw and a .250 flat washer as shown in [PIC. 4](#).

STEP 9 Insert the terminal sockets on the blue, violet and black wires into the 4-circuit plug from the hardware kit, refer to [PIC. 5](#) for the location of the wires; close the secondary clasp once the wires have been inserted.

STEP 10 Determine whether .3125-18 x 2.50" or .3125-24 x 2.50" (course or fine thread) SBHCS screws are needed to mount the brackets to the motorcycle; mount the brackets to the motorcycle and secure with the proper screws and .3125 flat washers as shown in [PIC. 6](#).

STEP 11 Route the wires through the channel in the light bracket and into the fairing as shown in [PIC. 7](#). Place a small amount of dielectric grease on the connector and plug it into the right turn signal harness that was disconnected in STEP 7.

STEP 12 Repeat STEP 6 through STEP 11 for the left side.

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

INSTALLING THE SWITCH

STEP 13 Remove the screws ([PIC. 8](#)) on the sides of the fairing cap and set them aside for now.

STEP 14 Insert the key in the switch and turn it to the unlock position (do not remove the key).

STEP 15 Turn the handlebars to the "lock position" and then turn the knob to the fork lock position.

STEP 16 Locate the release button on the bottom of the knob as shown in [PIC. 9](#).

STEP 17 Press the release button with a small screwdriver and simultaneously press down on the key and turn the key counter clockwise.

STEP 18 Carefully remove the knob and spring, setting them aside for now.

STEP 19 Remove the nut, metal collar and plastic spacer that are located below the ignition knob as shown in [PIC. 10](#).

STEP 20 Lightly lift up on the switch position plate to disengage the tabs and remove the plate. ([PIC. 10](#))

STEP 21 Gently remove the fairing cap from the motorcycle.

STEP 22 Determine which empty auxiliary switch location you wish to mount the switch for the lights.

STEP 23 Remove the two screws securing bracket on the backside of the fairing cap, where you choose to install the switch. ([PIC. 11](#))

STEP 24 With the bracket removed, gently pry on the metal tabs that secure the blank cover you choose to remove. ([PIC. 12](#))

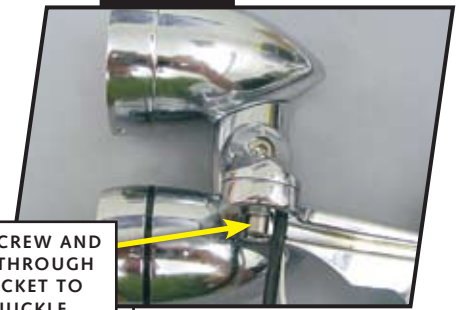
STEP 25 Install the included switch housing as shown in [PIC. 12](#).

STEP 26 Reinstall the bracket to the fairing cap.

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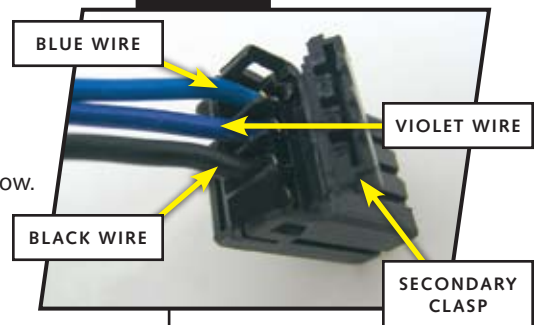
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PIC. 4

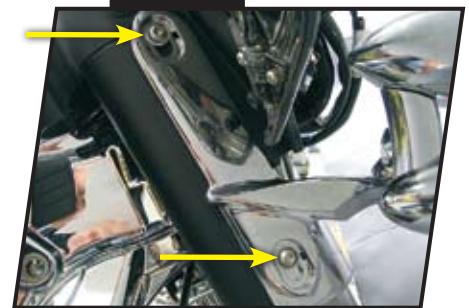


START A SCREW AND WASHER THROUGH THE BRACKET TO THE KNUCKLE

PIC. 5



PIC. 6



PIC. 7



PAGE

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STEP 27 Remove the nut and washer on the toggle switch, insert the toggle from the bottom side of the switch housing and secure it with the nut and washer that were just removed.

STEP 28 Locate the 24" black wire and 24"orange wire and 24" white Y wire from the hardware kit.

STEP 29 Referring to PIC. 13, connect the female spade ends of the orange, black and white wires to the toggle switch; the orange wire goes to the power location, the black wire to the ground location and the white wire to the acc location.

STEP 30 Reinstall the fairing cap while routing the wires from the switch out towards the front of the fairing.

STEP 31 Reinstall the screws that were removed in STEP 12 to secure the fairing cap.

STEP 32 Reinstall the switch position plate that was removed in STEP 19.

STEP 33 Reinstall the plastic spacer; metal collar and nut that were removed in STEP 18. Refer to PIC. 10.

STEP 34 Tighten the nut to secure the spacer and collar, being careful not to over tighten it.

STEP 35 Reinstall the key knob and spring, so that the knob is in the fork lock position; twist slightly so that the knob slides into position. Turn the key to the "unlock" position and remove the key.

STEP 36 Turn the key knob to the "off" position ensuring that the knob turns properly.

STEP 37 Place a small amount of grease on the male spades of the orange and black wires; insert them into the black and orange accessory wires off the headlight plug (orange to orange and black to black) refer to PIC. 14.

STEP 38 Turn the ignition on and check to make sure that the running lights function and the turn signals operate.

STEP 39 Flip the switch for the driving lights, ensuring that both are operating properly.

STEP 40 Reconnect the headlight. Reinstall the outer fairing and secure it with the four stock screws that were removed in STEP 2, leave the screws finger tight for now.

STEP 41 Install the windshield in the reverse order that it was removed.

STEP 42 Tighten the screws that secure the fairing.

STEP 43 Adjust the driving lights to the desired angle/position by loosening and retightening the screws that secure the lights to the brackets.

STEP 44 Snap the driving light plugs into the holes on the side of the driving light brackets as shown in PIC. 15.

ATTENTION! It is the installer's responsibility to ensure that all of the 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.

PROCEDURE FOR ROAD KING MODELS

NOTE: THIS PROCEDURE WILL ALLOW YOU TO REUSE THE OEM DRIVING LIGHT SWITCH.

STEP 45 Read and understand all steps in the instructions before starting the installation. Park the motorcycle on a hard, level surface; turn off the ignition and allow the engine to cool.

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PIC. 8



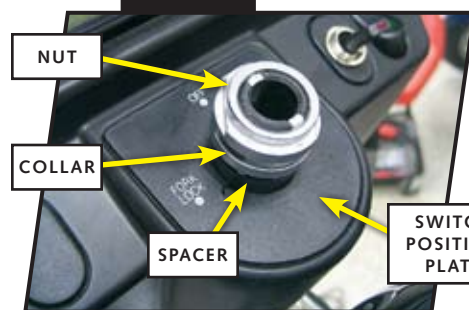
REMOVE THE SCREWS ON BOTH SIDES OF THE FAIRING CAP

PIC. 9



RELEASE TAB

PIC. 10



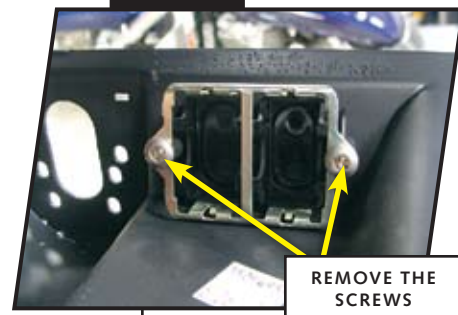
NUT

COLLAR

SPACER

SWITCH POSITION PLATE

PIC. 11



REMOVE THE SCREWS

PAGE

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DRIVING LIGHTS FOR FLHX

INSTALLATION

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.

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 of the steps in the procedure; consult a trained technician.

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

STEP 46 Remove the bottom fastener on the headlight trim ring, pull the bottom of the trim ring forward, then lift up to release the spring and remove the trim and rubber gasket.

STEP 47 With a small vise grips, carefully remove the spring holding the light assembly in.

STEP 48 With the spring removed, pull bottom of the light assembly out to remove the light from the motorcycle, disconnect the wiring harness from the headlight and set the light aside.

STEP 49 Disconnect the turn signal wiring harness (2 blue, 2 violet and 2 black wires) and the driving light harness (2 grey wires) as shown in [PIC. 16](#).

STEP 50 Remove the acorn nuts securing the driving light bar ([PIC. 17](#)) and carefully remove the light bar from the motorcycle.

NOTE: It may be helpful to have assistance to remove the light bar.

STEP 51 Refer to [PIC. 3](#) to determine the right driving light bracket; route the wires through the notch.

STEP 52 Place the knuckle on the bracket and start a .250-20 x .750 SHCS screw and a .250 flat washer as shown in [PIC. 4](#).

STEP 53 Repeat STEP 51 and Step 52 for the left side.

STEP 54 Mount the light brackets on the sides of the forks and secure with .3125-18 hex jam nuts and .3125 flat washers from the hardware kit.

NOTE: If the stud protrudes out of the mounting bracket, install the included spacers between the mounting bracket and the forks.

STEP 55 Insert the terminal sockets on the blue, violet and black wires into the 6-circuit plug from the hardware kit, working from each outside edge, insert a black wire, then violet, and then a blue wire, refer to [PIC. 18](#) for the location of the wires; close the secondary clasp once the wires have been fully inserted.

STEP 56 Route the wires from the lights along the fork, under the front cover and up into the headlight housing area as shown in [PIC. 19](#).

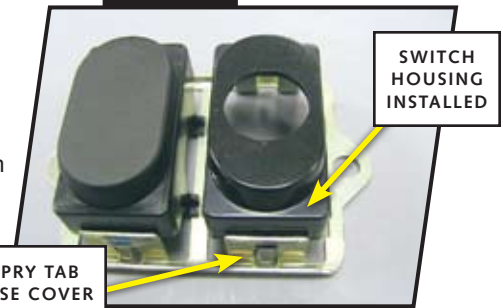
ATTENTION! Secure all wiring away from any moving parts, pinch points or extreme heat. Kuryakyn WILL NOT warranty any electrical component that fails due to pinched, crimped, broken, abraded, melted or frayed wires.

STEP 57 Place the a T-Tap connector over each of the grey diving light wires inside the headlight housing ([PIC. 16](#)) and close them ensuring that the tab is engaged as shown in [PIC. 20](#).

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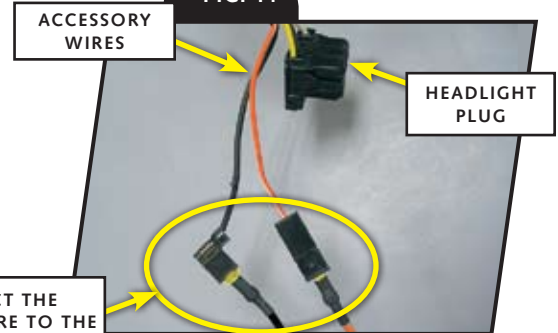
PIC. 12



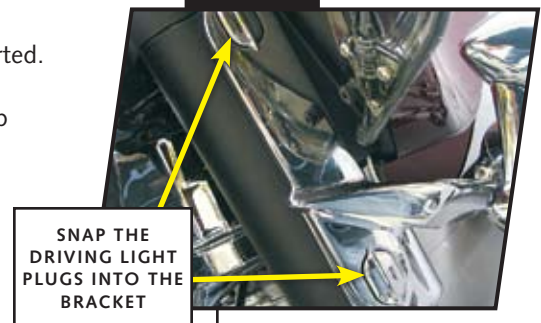
PIC. 13



PIC. 14



PIC. 15



STEP 58 Insert each of the white wires from the driving lights into a T-Tap mating connector and crimp the connector to secure the wire as shown in PIC 21.

STEP 59 Place a small amount of dielectric grease on the mating connectors and install them on the T-Taps that were installed on the grey wires.

STEP 60 Connect the turn signal harness to the harness inside the headlight housing that was disconnected in STEP 49.

STEP 61 Secure the excess wires in the housing with the included cable ties.

STEP 62 Reinstall the headlight housing, holding it at a slight angle insert the tabs in place and secure with the spring that was removed in STEP 47.

STEP 63 Reinstall the trim ring and secure with the screw that was removed in STEP 46.

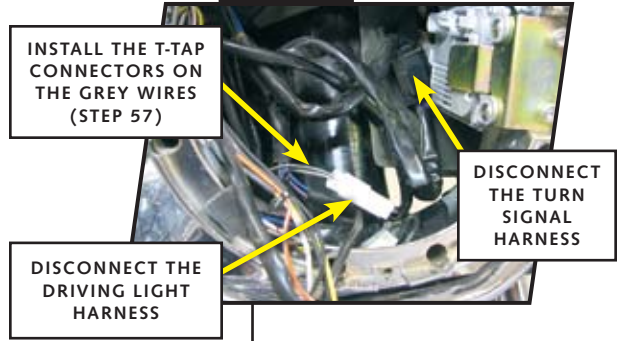
STEP 64 Adjust the driving lights to the desired angle/position by loosening and retightening the screws that secure the lights to the brackets.

STEP 65 Snap the driving light plugs into the holes on the side of the driving light brackets as shown in [PIC. 15](#).

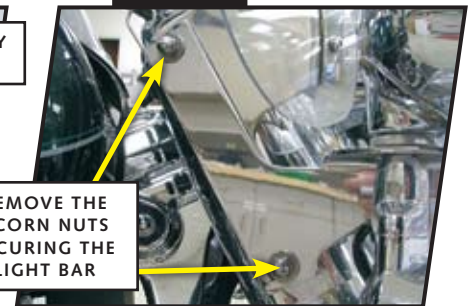
ATTENTION! It is the installer's responsibility to ensure that all of the fasteners (including pre-assembled) are tightened before operation of the motorcycle. Kuryakyn will not warranty components lost due to improper installation. Periodic maintenance may be required.

Ride On!

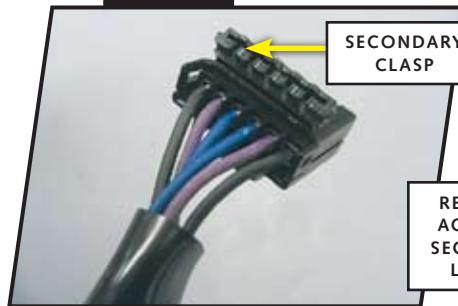
PIC. 16



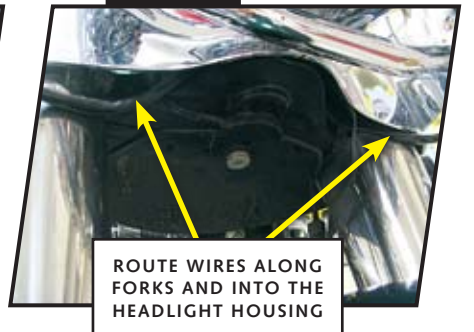
PIC. 17



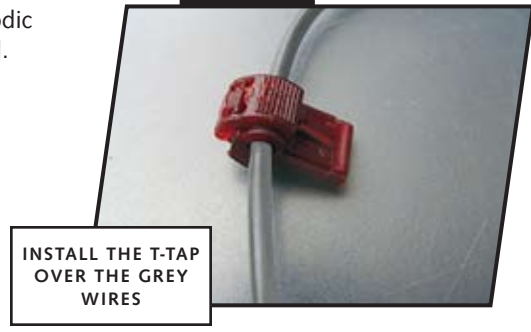
PIC. 18



PIC. 19



PIC. 20



PIC. 21





LIGHT BULB REPLACEMENT

TOOLS SUGGESTED

Set of Hex Wrenches, Phillips Screwdriver

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

PROCEDURE

STEP 1 Read and understand all steps in the instructions before starting the installation. Park the motorcycle on a hard, level surface; turn off the ignition and allow the engine to cool.

STEP 2 As shown in PIC 1, remove the Button Head Cap Screw Located at the bottom of the light housing.

STEP 3 Remove the light bezel by twisting the bezel counter clockwise and pulling the bezel outward.

STEP 4 Remove the rubber inner seal from the chrome light housing. The glass light housing should now be free.

NOTE Please note the orientation of the locating ring. This will greatly help when reassembling the lights. Refer to PIC 3.

STEP 5 Pull the glass housing out away from the chrome housing and disconnect the wires (PIC 2).

STEP 6 As shown in PIC 3, remove the 4 screws to gain access to the light bulb.

STEP 7 Pull the light bulb from the mount with the white wire attached.

STEP 8 Insert the white wire through the mount from the front side. (The wire should fit through the rubber boot on the backside of the mount)

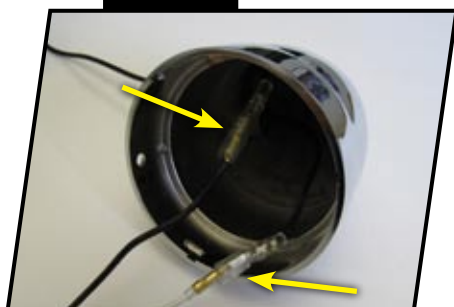
STEP 9 Reassemble the glass housing and the chrome housing in the reverse order it was disassembled.

ATTENTION! It is the installer's responsibility to ensure that all of the fasteners (including pre-assembled) are tightened before operation of the motorcycle. Kuryakyn will not warranty components lost due to improper installation.

PIC. 1



PIC. 2



PIC. 3



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INSTALLATION QUESTIONS
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or call 715.247.2983

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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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