



# INSTALLATION



## LED FAIRING LIGHTS FOR GL1800 4627

**FITS: '01-UP GL1800**

### PARTS INCLUDED

- 4 7-Color Lizard Lights
- 1 7-Color Controller/Switch
- 1 Hardware Kit including:
  - 4 Replacement Adhesive Pads
  - 4 18" Extensions
  - 1 Double Male Lizard Light Connector
  - 2 Double Female Lizard Light Connector
  - 2 Double Sided Replacement Tape for Intake Grills
  - 6 4" Cable Ties
  - 1 Dielectric Grease Packet
  - 4 Alcohol Cleaning-Pads
- 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 hex wrenches, electrical tape, utility knife, mineral spirits, and duct tape.

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

**ATTENTION!** Seven Color Lizard Lights are designed for display or parade use. Check local regulations regarding the use and placement of colored lights when vehicle is operated on public streets.

-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 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.



## PROCEDURE

**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.

**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.

**STEP 2** Remove the side cover on the clutch side as shown in [PIC.1](#), by gently pulling on it to release the bosses securing the cover.

**STEP 3** Carefully remove the clutch side fairing-molding piece shown in [PIC.2](#) starting at the bottom of the molding; pulling out to disengage the tabs, working your way up the piece.

**STEP 4** Open the clutch side fairing pocket lid, and remove the four trim clips by pushing in on the center pins, and then pulling the clips out. Set the trim clips aside, they will be used to reinstall the fairing pocket. ([PIC.3](#))

**STEP 5** Remove the fairing pocket by pulling it straight up and out.

**STEP 6** Remove the rubber grommet from the bottom of the fairing pocket and set aside for now. (See [PIC.3](#).)

**STEP 7** Remove the three bolts from the front fairing as shown in [PIC.4](#); set them aside to reinstall later.

**STEP 8** Remove/disconnect the inline fuse on the power wire (red) and insert through the hole in the bottom of the fairing pocket, so that the controller switch will be located in the fairing pocket.

**STEP 9** Carefully insert the remaining wires one at a time, from the control switch through the hole in the bottom of the fairing pocket.

**STEP 10** Run the power wires (red power and black ground) through the location for the clutch side fairing pocket and down along the edge of the fairing as shown in [PIC.5](#).

**NOTE** It may be helpful to tape the two power wires together every 4-6" using electrical tape.

**STEP 11** Gently pull the fairing out and tuck the power wires behind the fairing as shown in [PIC.6](#).

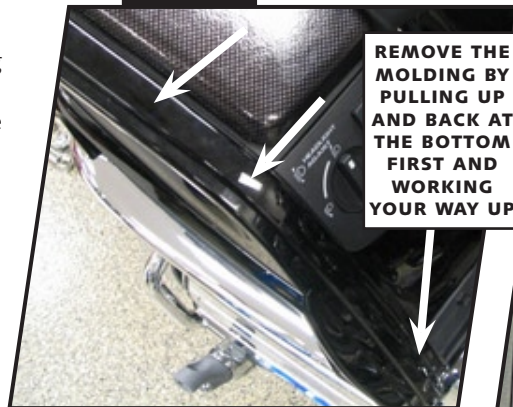
-cont.-

# Kuryakyn®

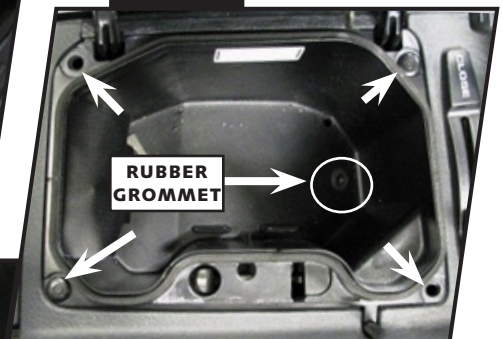
PIC.1



PIC.2



PIC.3



PIC.4



PIC.5



PIC.6



PAGE

2

**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 12** Tuck the power wires up underneath the fairing as far as possible as shown in PIC.7.

**STEP 13** Run the two power wires along the motorcycle frame as shown in PIC.8, towards the battery.

**STEP 14** Make sure that there is enough wire to connect the power wires to the battery so that they will not be stretched or pinched. Do not connect the power wires to the battery at this time.

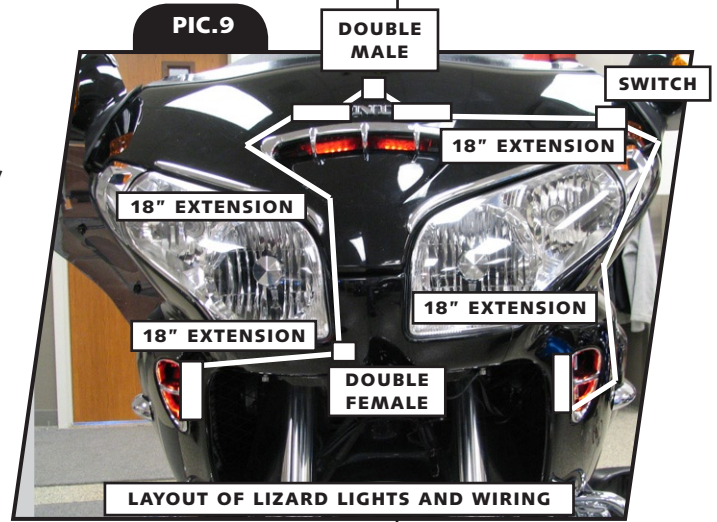
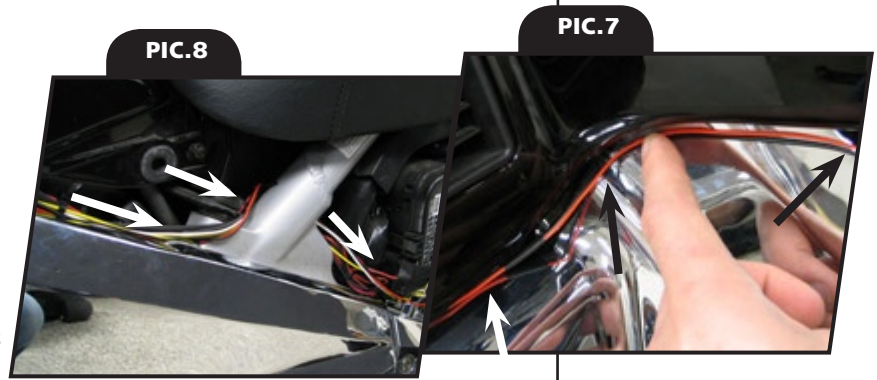
**SUGGESTION** Referring to PIC.9 lay out the extension wires, connectors, and lizard lights on a work surface to mock up the layout.

**STEP 15** For motorcycles that have intake vent inserts, carefully remove them setting them aside to be reinstalled later using the included double-sided tape from the hardware kit.

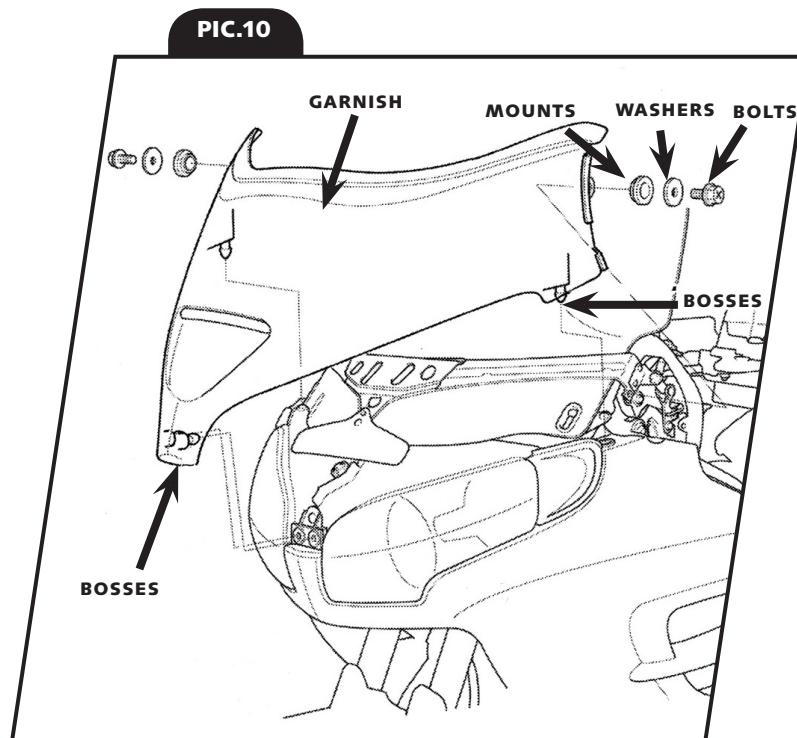
**STEP 16** Pull the rubber boot back from the fairing at the base of the mirrors.

**STEP 17** Referring to PIC.10, remove the bolts, washers and mounts that secure the windscreen garnish and set them aside to be reinstalled later.

**STEP 18** Carefully pull up on the windshield garnish at the points where the bosses are located as shown in PIC.10 to remove from the motorcycle.



-cont.-





**STEP 19** Remove the fairing garnish by removing the three screws shown in PIC.11, set the garnish and screws aside for now.

**STEP 20** Remove the two trim clips and the screw that secure the leading edge of each of the inner fairings as shown in PIC.12, these clips and screws will be used again.

**STEP 21** Lightly pull out on the clutch side inner fairing.

**STEP 22** Using an 18" extension wire, feed the extension through the inner fairing up to the fairing pocket and control switch (make sure that the extension will connect properly to the control switch, red to red and black to black.)

**STEP 23** Insert the other end of the extension wire between the two pieces of plastic and into the fairing pocket as shown in PIC.13.

**STEP 24** Clean the area inside the pocket shown in PIC.14 with an included alcohol-cleaning pad and allow to thoroughly dry.

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

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

**STEP 25** Connect the wire to the lizard light, ensuring that the wires line up (red to red and black to black.)

**STEP 26** Using the back of your fingernail, rub the backing of the adhesive pad to activate the catalyst, and then remove the backing.

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

**STEP 27** Place the Lizard light in the intake making sure that it is far enough back so that there will be sufficient clearance for the vent insert. Press into place and hold for one (1) minute. Full bonding strength will occur in 24 hours.

**STEP 28** Take an 18" extension wire; make sure that the wire will properly connect to the lead from the switch (red to red, black to black) and feed through the small hole above the chrome headlight accent piece as shown in PIC.15. Reach through the fairing pocket hole with your other hand towards the headlight to reach the extension wire and pull the wire towards the fairing pocket.

**STEP 29** Feed enough wire through in order to connect to the lead from the switch, (red to red, black to black.)

**STEP 30** Verify that both extensions are securely and properly connected to the leads from the control switch.

**STEP 31** Cut a slit/notch in the rubber grommet that was removed in STEP 6.

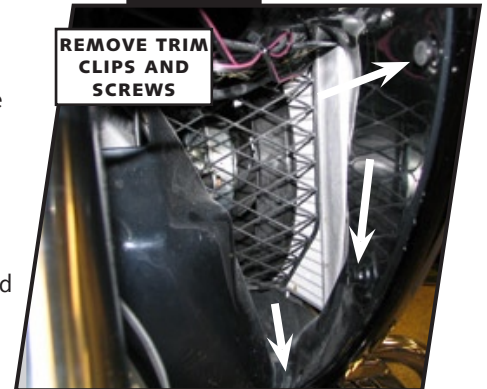
-cont.-

**Küryakyn®**

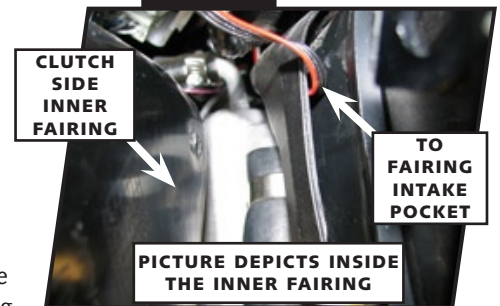
**PIC.11**



**PIC.12**



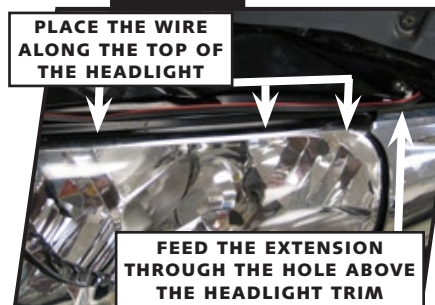
**PIC.13**



**PIC.14**



**PIC.15**



PAGE

**4**

**LED FAIRING LIGHTS INSTALLATION**

**STEP 32** Reinstall the grommet in the bottom of the fairing pocket, placing the wires in the slit/notch in the grommet. (See [PIC.16](#).)

**STEP 33** Re-install the fairing pocket, making sure that the wires are tucked underneath the fairing pocket and are not being pinched. Secure with the four trim clips that were removed in STEP 4.

**STEP 34** Route the extension from STEP 28 along the top of the headlight as shown in [PIC.15](#).

**NOTE** You may choose to secure the extensions with cable ties or duct tape.

**STEP 35** Clean the inside of the windscreen garnish above the intake with an included alcohol cleaning pad as shown in [PIC.17](#) and allow the area to thoroughly dry.

**STEP 36** Connect two Lizard lights together using a double male connector (red to red, black to black.)

**STEP 37** Using the back of your fingernail, rub the backing of the adhesive pad to activate the catalyst, and then remove the backing.

**STEP 38** Ensuring that the lights are placed so that the wire from the controller switch will properly connect to the light (red-to-red, black to black); press the lizard lights into place and hold for one (1) minute. Full bonding strength will occur in 24 hours.

**STEP 39** Connect two 18" extensions together using a double female connector (red to red, black to black.)

**STEP 40** Verify that the extension will properly connect to the light on the windscreen garnish (red-to-red, black to black,) and route the extensions between the headlights towards the inner fairing. Make sure that there is enough slack in the wires to connect them to the lights on the windscreen garnish. (See [PIC.18](#).)

**STEP 41** Insert the extensions in the inner fairing and route towards the brake side intake as shown in [PIC.18](#).

**STEP 42** Insert the other end of the wire between the two pieces of plastic and into the fairing pocket as shown in [PIC.13](#).

**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 43** Clean the area inside the pocket shown in [PIC.14](#) with an included alcohol-cleaning pad and allow to thoroughly dry.

**STEP 44** Connect the wire to the lizard light, ensuring that the wires line up (red to red and black to black.)

**STEP 45** Using the back of your fingernail, rub the backing of the adhesive pad to activate the catalyst, and then remove the backing.

**STEP 46** Place the light in the intake making sure that it is far enough back so that there will be sufficient clearance for the vent insert. Press into place and hold for one (1) minute. Full bonding strength will occur in 24 hours.

**Kuryakyn**<sup>®</sup>

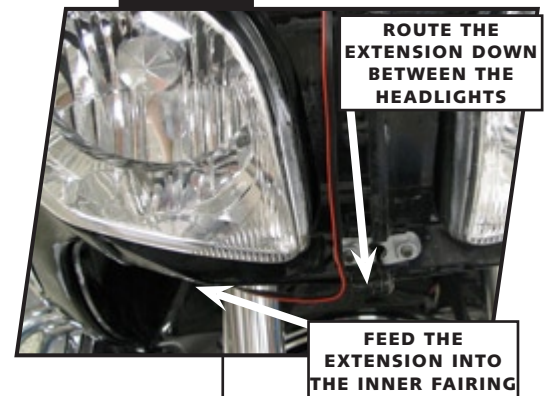
**PIC.16**



**PIC.17**



**PIC.18**



**PAGE**

**5**

-cont.-

**LED FAIRING LIGHTS INSTALLATION**

**STEP 47** Hook the power leads to the battery, red to positive and black to negative and secure any remaining wires out of the way using an included cable tie.

**STEP 48** Reinstall the fairing garnish and screws that were removed in STEP 19.

**STEP 49** Connect the extensions to the Lizard lights that are mounted on the inside of the windscreen garnish and place the windscreen in place.

**STEP 50** Test to make sure the lights are operating properly, (all lights on and the same color at the same time) if not wires/lights may not be properly installed.

**STEP 51** Gently push the windscreen garnish into place to seat the bosses.

**STEP 52** Reinstall the bolts, washers and mounts that were removed in STEP 17 (PIC.10) to secure the windshield garnish.

**STEP 53** Place the rubber mirror boots in place.

**STEP 54** Reinstall the inner fairings using the trim clips and screws that were removed in STEP 20 making sure the wires will not be pinched.

**STEP 55** Secure the clutch side front fairing using the bolts that were removed in STEP 6.

**STEP 56** Carefully install the fairing trim starting at the top, inserting the front tab and working your way down the molding, being careful not to break the tabs.

**STEP 57** Reinstall the side cover.

**STEP 58** Choose a mounting location inside the fairing pocket to mount the control switch. Clean the area with an alcohol cleaning pad and allow the area to thoroughly dry. (see PIC.19)

**STEP 59** Using the back of your fingernail, rub the backing of the adhesive pad to activate the catalyst, and then remove the backing.

**STEP 60** Press the switch into place and hold for one (1) minute. Full bonding strength will occur in 24 hours.

### STEPS TO RE-INSTALL THE INTAKE VENT INSERTS

**STEP 61** Remove as much of the adhesive by hand from the insert as possible.

**STEP 62** The use of mineral spirits will help remove any of the remaining adhesive from the insert. Allow the area to thoroughly dry.

**CAUTION!** Some cleaning products and or solvents contain harsh chemicals that can severely damage the intake insert and void warranty.

**STEP 63** Using the back of your fingernail, rub the backing of the adhesive replacement pad to activate the catalyst, and then remove the backing.

**STEP 64** Apply the replacement adhesive pad to the intake insert where the other adhesive pad was. (PIC.20)

**STEP 65** Clean the area inside the fairing intake shown in PIC.21, with an alcohol-cleaning pad and allow to thoroughly dry.

PIC.19



PIC.20

REMOVE THE OLD ADHESIVE AND APPLY THE REPLACEMENT ADHESIVE



PIC.21

CLEAN THE HIGHLIGHTED AREA TO REINSTALL THE INTAKE INSERT.



**STEP 66** Using the back of your fingernail, rub the backing of the adhesive pad to activate the catalyst, and then remove the backing.

**STEP 67** Insert the vent insert into the fairing intake, press and hold in place for one (1) minute. Full bonding strength will occur in 24 hours.

**STEP 68** Repeat STEP 61 through STEP 67 for the insert on the other side.

## OPERATION

The controller has a rheostat, a toggle switch, and a push button.

- Use the toggle switch to select "STEADY ON" or "FLASH" modes or to turn the lights "OFF".
- The push button allows the user to select the color they wish to illuminate. There are eight possibilities. The first seven options select an individual color. The eighth option is called "PAINT MODE" which continuously cycles the lights through all seven colors and is indicated by the white-colored light to initiate the Paint Mode.
- The rheostat varies the flash rate when illuminating a specific color in "FLASH" mode or varies the rate at which the lights cycle through all seven colors if "PAINT MODE" is selected.

*Ride On!*