



LOWER COWL DRIVING LIGHTS 2232

FITS: ALL '01-UP GL 1800 MODELS (EXCEPT AIRBAG MODELS)

PARTS INCLUDED

- 1 Lower Right Driving Light
- 1 Lower Left Driving Light
- 2 Light Gaskets
- 1 Hardware Kit Including:
 - 6 M6 Wide Washers
 - 6 M6 Rubber Washer
 - 6 Stepped Washer
 - 6 Steel Sleeve
 - 3 M6x1.00x30mm Hex Head Cap Screws
 - 3 M6x1.00x50mm Hex Head Cap Screws
 - 1 4mm Spacer
 - 2 16mm Spacer
 - 1 20mm Spacer
- 1 Wiring Kit Including:
 - 2 Connect Harness
 - 2 2-Pin Female Connector
 - 2 Spade Connector
 - 2 Bullet Connector
 - 1 Relay Harness
 - 1 4-Pin Female Connector
 - 1 4-Pin Male Connector
 - 1 4-Pin Male Relay Connector
 - 1 Relay
 - 1 Switch Adapter
 - 1 12V L.E.D. Rocker Switch
 - 4 Cable Ties
 - 2 Dielectric Grease Pack
- 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, Side Cutter, Phillips Screwdriver, Flat Blade Screwdriver

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

GENERAL 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.

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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STEP 2 Remove the four hex bolts that secure the lower cowling to the bike. There will also be four pushpins that will also secure the lower cowling to the upper plastic shroud in front of the engine.

STEP 3 Remove the lower cowl from the bike. Place the lower cowl face down on a soft surface so you do not damage the finish. **NOTE:** It may be easier to remove the cowl by moving the handlebars from side to side.

STEP 4 On the inside of the cowl, use a side cutter and cut all the connecting pieces that secure the cutout to the lower cowl. Repeat process on the opposite side. Try to cut the cutouts as flush as you can get with the side cutter. The excess burr left over will help lock the rubber gasket that is installed later. See PIC 1.

STEP 5 Place the rubber light gaskets on the inside of the lower cowling to help support the lights when cowl is reinstalled. Place the larger side of the rubber gasket in first and line up the four notches with the four plastic supports.

STEP 6 Now that the rubber gaskets are installed, you can set the cowl aside and start to mount the lights.

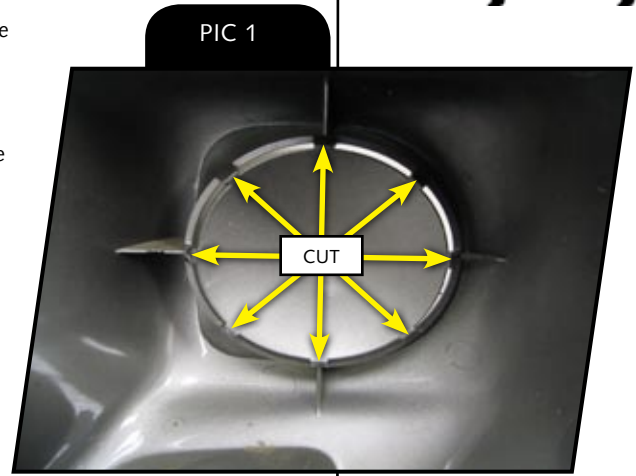
STEP 7 Identify which light goes on what side. You want to make note of the mounting locations between the left and right light brackets. Notice where all the hardware goes. (PIC 2.)

The hardware for the left driving light will be:

- 3 M6 Wide Washers
- 3 M6 Rubber Washer
- 3 Stepped Washer
- 3 Steel Sleeve
- 1 4mm Spacer
- 3 M6x1.00x30mm Hex Head Cap Screws

The hardware for the right driving light will be:

- 3 M6 Wide Washers
- 3 M6 Rubber Washer
- 3 Stepped Washer
- 3 Steel Sleeve
- 3 M6x1.00x50mm Hex Head Cap Screws
- 2 16mm Spacer
- 1 20mm Spacer



PROCEDURE FOR MOUNTING THE LEFT DRIVING LIGHT

STEP 1 Insert the three stepped rubber washers from the backside of the mounting plate to the front. Place the "stepped" side through the hole. Take three steel sleeves and place them through each of the stepped washers. See PIC 3.

STEP 2 Place the three-rubber M6 washers over the steel sleeves. These rubber washers secure the two halves together and give the mounts a good mounting surface.

STEP 3 Remove the stock trim piece from the bike and set aside for later installation.

STEP 4 Place three of the M6x1.00x30mm Hex Head Cap Screws with the M6 flat washers through the rubber M6 washer and out the backside of the mount.

STEP 5 With all three bolts in place through the mount, take the stock trim piece and place it on the back of the mount toward the outside of the bike. See PIC 4.

STEP 6 Place the 4mm Spacer on the backside of trim piece so it will have a flat mounting surface with the stock trim piece. See PIC 4.

ATTENTION! The 4mm spacer goes on the very backside of the mounting plate toward the bike.

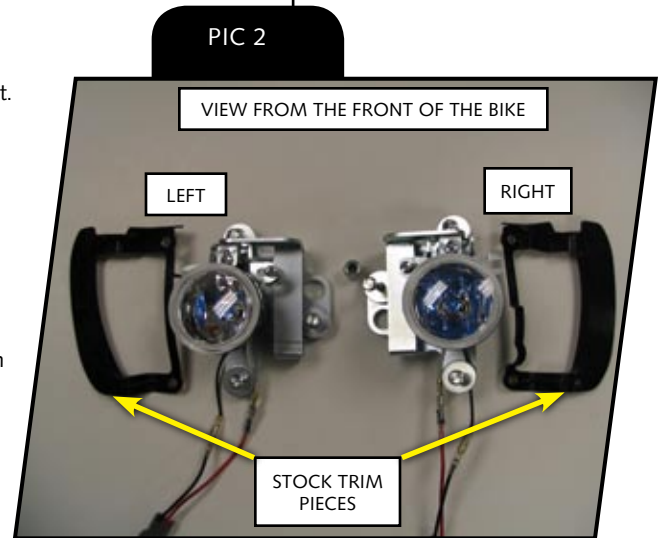
STEP 7 Install the light onto the bike with the stock trim piece and 4mm spacer mounted on to the light and lightly secure it to the bike.

STEP 8 Take the 2-Pin male Connector and plug the female spade and the female bullet connectors to the opposing plugs coming from the lights. This plug is where power will be supplied to the lights.

STEP 9 On the bike, locate a two pin grey female connector with a brown w/ blue stripe and green wire. Remove the wire tie that secures the plug so it is easily accessible for the new driving light plug.

STEP 10 Connect the grey male and female plugs and tie up any slack with a supplied cable tie.

STEP 11 Tighten all the hardware that secures the light to the front of the bike.



PROCEDURE FOR MOUNTING THE RIGHT DRIVING LIGHT

STEP 1 Insert the three stepped rubber washers from the backside of the mounting plate to the front. Place the “stepped” side through the hole. Take three steel sleeves and place them through each of the stepped washers. See PIC 3.

STEP 2 Place the three-rubber M6 washer over the steel sleeves. These rubber washers secure the two halves together and give the mounts a good mounting surface.

STEP 3 Remove the stock trim piece from the bike and set aside for later installation.

STEP 4 Place three of the M6x1.00x30mm Hex Head Cap Screws with the M6 flat washers through the rubber M6 washer and out the backside of the mount.

STEP 5 With all three bolts and spacers, take the stock trim piece and place it on the back of the mount toward the outside of the bike. See PIC 5. **ATTENTION!** The 20mm and 16mm spacers mount between the backside of the light mount and the stock, trim piece.

STEP 6 Install the light onto the bike with the 20mm and 16mm spacers and the stock trim piece, and lightly secure it to the bike.

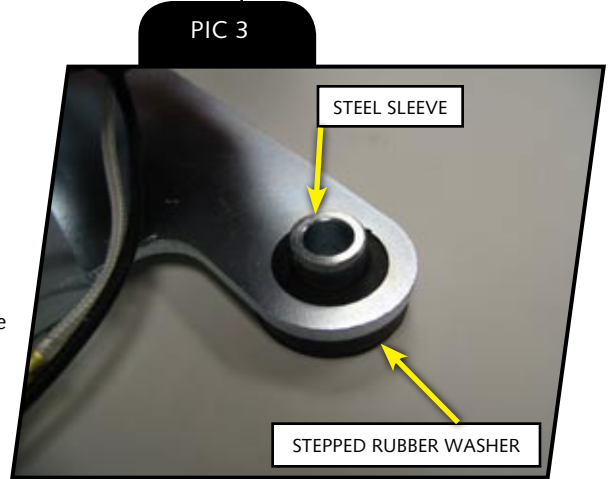
STEP 7 Take the 2-Pin male Connector and plug the female spade and the female bullet connectors to the opposing plugs coming from the lights. This plug is where power will be supplied to the lights.

STEP 8 On the bike, locate a two pin grey female connector with a brown w/blue stripe and green wire. Remove the wire tie that secures the plug so it is easily accessible for the new driving light plug.

STEP 9 Connect the grey male and female plugs and tie up any slack with a supplied cable tie.

STEP 10 Tighten all the hardware that secures the light to the front of the bike.

STEP 11 With both lights mounted, make note of the driving light aiming process. Notice the adjustment screws located on the top and the side of the lights. Turn the bolts clockwise to pull the light in and down. Turn the bolt counter-clockwise to move it out and up.



PROCEDURE FOR MOUNTING THE SWITCH

STEP 1 Remove the outer trim piece from the left side of the bike. This will expose four mounting screws. You will want to remove the second screw from the top. Loosen the other three but do not fully remove these screws. See PIC 6.

STEP 2 Remove the glove compartment from the bike by pressing the four push-darts down with a Phillips screwdriver. Pushing these pins down will release the hold and allow you to fully remove and set aside for later installation.

STEP 3 With the second screw removed, you will be able to slide the light control panel out by sliding the left side up and allowing the release tabs of the right side to fully release from the molding.

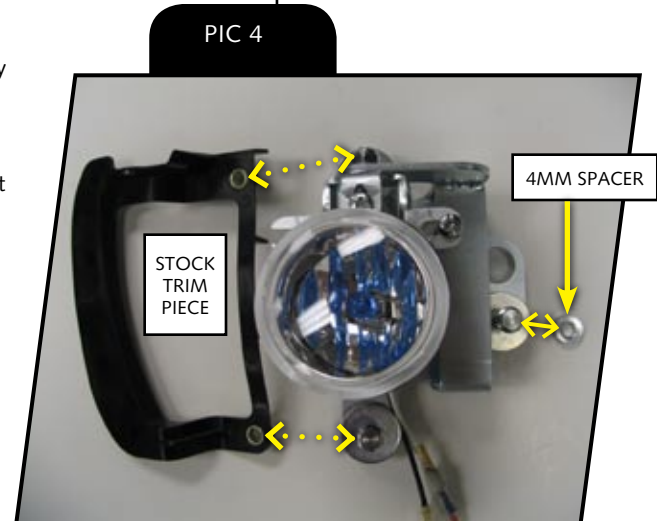
STEP 4 Remove the light control panel by releasing the wire harnesses located under the light panel and storage pocket.

STEP 5 Turn the light control panel over, remove the two screws for the upper left black knock out, and remove the knock out. Set the stock screws aside. Install new switch and secure it with the stock screws removed for the knock out. If the switch does not sit evenly in the mounting hole, remove and spin the switch mount 180 degrees.

STEP 6 Secure the relay to the wire harness with a supplied cable tie to save room when installing the light control panel back on the bike.

STEP 7 On the bike, you will need to locate the 4-pin accessory connector that is located on the bottom right of the light control panel hole. The 4-pin connector will be inside of a black rubber jacket. Slide the jacket back exposing the connector. The connector will have a blue wire with a black stripe, a brown wire with a white stripe, a green wire, and another brown wire with a blue stripe.

STEP 8 Connect the other plug from the light control panel to the opposing plug that remained on the bike. That plug is located under the glove box.



STEP 9 Turn the key on and check the switch for proper function, make sure that the new driving lights illuminate.

STEP 10 Reinstall the light control panel by sliding the tabs in on the right and securing it with the stock bolt removed in step 1 of THIS procedure.

STEP 11 Reinstall the glove box by pushing the mounting push-darts to the "up" position and pushing them down after the glove box is into place. Tighten all the remaining bolts on the left hand side. In addition, reinstall the trim piece that was removed in step 1 of THIS procedure.

PROCEDURE FOR AIMING THE DRIVING LIGHTS

STEP 1 Mount the lower light cowl with the new rubber gaskets. Make sure that the gaskets full seal around the new driving lights. Reinstall the mounting hardware and pushpins that were removed in step 2, secure all hardware on the lower cowl.

STEP 2 Park the bike roughly 15ft in front a flat surface where the lights will be easily visible to aim the new driving lights properly.

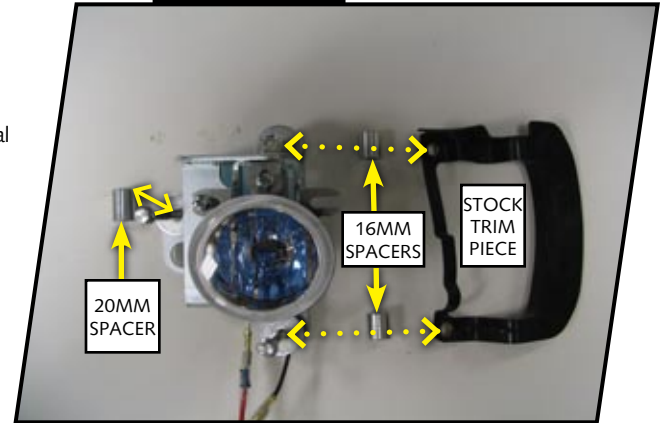
STEP 3 Measure distance from the ground up to the center of the driving lights and make a mark on the wall that is the same distance. Adjust the lights so they shine in the same location that you just measured.

STEP 4 On the driving lights, use a Phillips screwdriver between the light and the rubber gasket to adjust the lights to the desired position. Refer to step 11 in the procedure for mounting the right driving light, and step 3 in THIS procedure for lighting positioning and process of the screws. Also use pictures 4 and 5 to find screw locations.

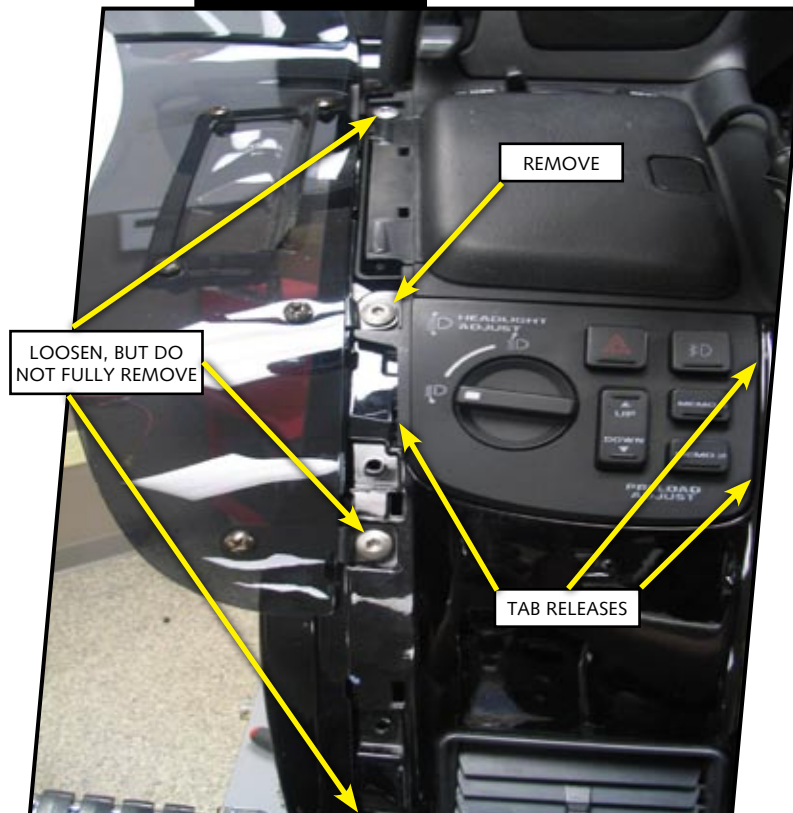
STEP 5 With the lights aimed properly double check and make sure that the gasket is fully seated around the light to ensure water will not get into the housing.

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 issue a warranty on components lost due to improper installation. Periodic maintenance may be required.

PIC 5



PIC 6



Ride On!