



INSTALLATION

L.E.D. RUN-BRAKE STRIP for TRIKES 5051

PARTS INCLUDED

- 1 L.E.D. Run-Brake Strip—48" Long
- 1 Hardware Kit Containing:
 - 1 Wiring Adapter Harness
 - 1 Dielectric Grease Pack
 - 1 Alcohol Pad
 - 6 Black Nylon Cable Ties
 - 2 Cord Keepers
 - 4 Female T-Tap Connectors
 - 4 Male Insulated Spade Connectors
- 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 NOTICES 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.
NOTICE	This indication alerts you to the fact that ignoring the contents described herein may negatively affect product performance and functionality.
CAUTION	This indication alerts you to the fact that ignoring the contents described herein can result in potential injury or material damage.

NOTICE

IF INSTALLING THIS PRODUCT FOR ANOTHER PARTY, PLEASE MAKE SURE THEY RECEIVE THIS COPY OF THE INSTALLATION INSTRUCTIONS SO THEY ARE AWARE OF THE IMPORTANT INFORMATION CONTAINED IN THEM.

TOOLS SUGGESTED

Cleaning Supplies, Scissors or Razor Knife, Silicone Sealer, Wire Cutter/Crimper, Test Light

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

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.

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.

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. L.E.D.'S contained in components of Kuryakyn products will be warranted for defects in materials and workmanship for 3 years from the date of purchase where as all other components shall be warranted for one(1) year. This includes, but is not limited to; control modules, wiring, chrome & other components.

- 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

For purchasing Kuryakyn® products, you can receive a complete catalog free of charge.

Send the Proof-of-Purchase below with your address to: Kuryakyn, P.O. Box 339, Somerset, WI 54025.

Please indicate either Accessories Catalog for Harley-Davidson® or GL & Metric Cruisers.

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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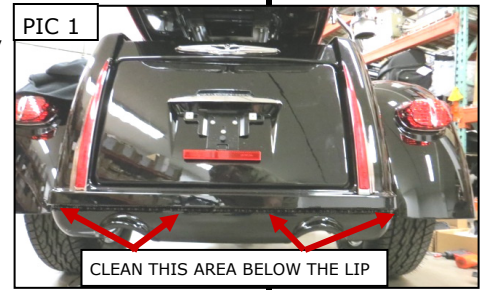
kuryakyn.com

INSTALLATION ON FLHTCUTG OR FLHXXX

NOTE: The following Steps show our recommended installation area. You may chose a different area (higher on the body) depending on the options on your model.

STEP 2

Thoroughly clean the back of the Trike from the body line below the trunk to the area behind the bumper (PIC 1) with soapy water and a clean rag. Dry completely. Wipe the area with the included alcohol pads to remove any residue. Let dry completely.

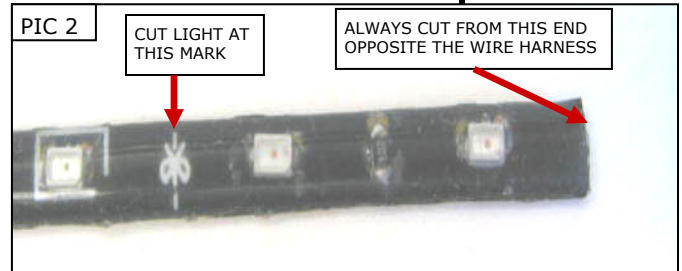


NOTICE

Ensure the area of installation is free of grease, oil, dirt or other debris including wax/polish products and bugs to ensure proper adhesion. Küryakyn WILL NOT issue a warranty on any parts lost due to improper installation.

STEP 3

With the wire harness end of the Light Strip, start on the left (sitting on Trike) side and test fit the Run-Brake Strip to the mounting area. The Strip will follow the body line just below the trunk door. PIC 1 Make any reference marks with masking tape or a non-permanent marker.



NOTE: It may be helpful to use masking tape to temporarily hold the Run-Brake Light Strip in place for the test fit.

NOTE: Examine the light carefully. As shown in PIC 2, notice the markings on the light specifying the place to cut the light. If you need to shorten the light for your application, always make your cut from the end of the light opposite the wire harness. Use silicone to help seal the cut end.

NOTICE

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 4

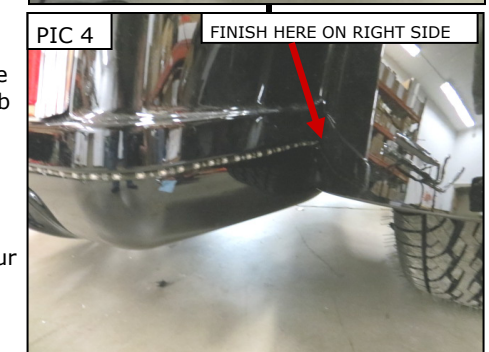
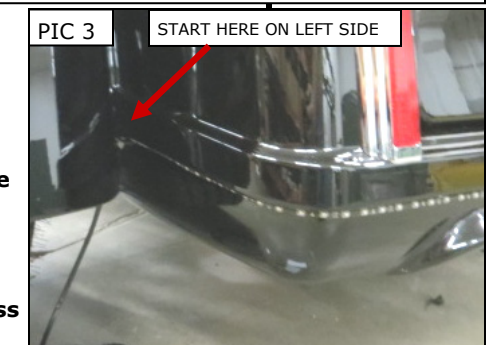
Once you are satisfied with the placement of the Run-Brake Light Strip, remove the Strip from the Trike. Starting at the left (wire harness) side of the Strip, rub the backing of the adhesive with your fingernail and start to peel the backing about two inches back from the end of the Strip. Using the reference marks made in Step 3, attach this end to the Trike body. PIC 3 Slowly work your way to the right end of the Strip, rubbing and peeling the backing a little at a time, following your reference marks, until the right end is attached to the Trike. PIC 4 Press and rub firmly along the Strip for one minute. Full bonding will occur in 24 hours.

NOTICE

Küryakyn recommends the use of dielectric grease on electrical connections.

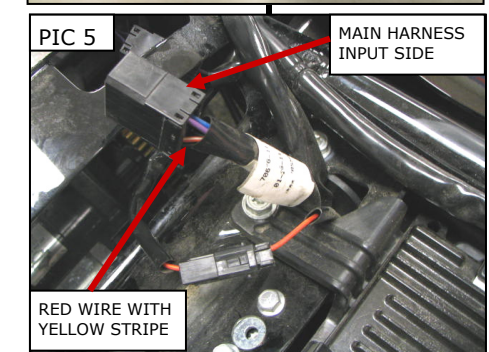
STEP 5

Remove the seat and locate the 8-pin connector from the main harness to the run-turn-brake controller. PIC 5 This is the input side of the controller, PIC 5, and the 8-pin connector will have a **RED** wire with a **YELLOW** stripe. It should be located on the left side under the passenger handrail. Disconnect the wiring harness and plug the sub-harness into the ends of the main taillight harness.



CAUTION

Always install the Light Bar Harness upstream (before) any existing multifunction control modules. Do not install the Run-Brake Strip Light Harness between a module and the turn signals, as this will overload the module. Overloading will damage the module and may create a fire hazard!



- STEP 6** Route the wire harness from the Strip Light along the left taillight wire harness under the body to the wiring adapter under the seat. Use the provided cable ties to secure the wiring to the taillight harness and away from any possible pinch points and or moving parts. If the included cord keepers are used under the trike, **clean the location for the cord keepers with the included alcohol pad before attaching them.**

NOTICE

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

- STEP 7** Connect the three pin connector from the Light Strip to one of the three pin connectors on the Light Bar Harness. It will not make a difference which connector you use.

- STEP 8** Turn the ignition on and test to make sure that the lights function as both running lights and brake lights. If they do not function, go over all wiring connections.

WARNING

ENSURE PROPER LIGHTING OPERATION BEFORE RIDING THE MOTORCYCLE. VISIBILITY IS A MAJOR CONCERN FOR MOTORCYCLISTS. A LIGHTING MALFUNCTION COULD RESULT IN DEATH OR SERIOUS INJURY.

- STEP 9** After all wires have been secured, replace the seat.

WARNING

AFTER INSTALLING THE SEAT, PULL UP ON IT TO ENSURE IT IS LOCKED INTO PLACE. A LOOSE SEAT CAN SHIFT AND CAUSE LOSS OF CONTROL RESULTING IN SERIOUS INJURY OR DEATH.

UNIVERSAL INSTALLATION

- STEP 10** With the wire harness end of the Light Strip, start on the left (sitting on Trike/motorcycle) side and test fit the Run-Brake Strip to the mounting area. Make any reference marks with masking tape or a non-permanent marker.

NOTE: It may be helpful to use masking tape to temporarily hold the Run-Brake Light Strip in place for the test fit.

NOTE: Examine the light carefully. As shown in PIC 2 on Page 2, notice the markings on the light specifying the place to cut the light. If you need to shorten the light for your application, always make your cut from the end of the light opposite the wire leads.

- STEP 11** If necessary, the lights may be trimmed to custom lengths (every 2 lights). PIC 2 ON Page 2 **Make sure that you make your cut from the end opposite from the wire leads. Kuryakyn recommends using silicone to seal the cut end to prevent corrosion.**

- STEP 12** Thoroughly clean the back of the Trike with soapy water and a clean rag. Dry completely. Wipe the area with the included alcohol pads to remove any residue. Let dry completely.

NOTICE

Ensure the area of installation is free of grease, oil, dirt or other debris including wax/polish products and bugs to ensure proper adhesion. Küryakyn WILL NOT issue a warranty on any parts lost due to improper installation.

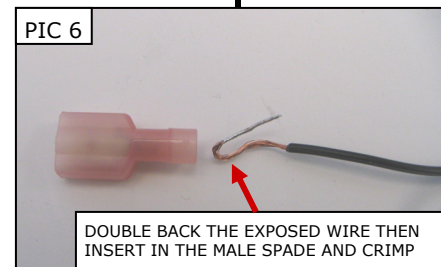
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NOTICE

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 13

Once you are satisfied with the placement of the Run-Brake Light Strip, remove the Strip from the motorcycle. Starting at the right side of the Strip, rub the backing of the adhesive with your fingernail and start to peel the backing about two inches back from the end of the Strip. Using the reference marks made in Step 12, attach this end to the Trike body/motorcycle. Slowly work your way to the left end of the Strip, rubbing and peeling the backing a little at a time, following your reference marks, until the left end is attached to the Trike/motorcycle. Press and rub firmly along the Strip for one minute. Full bonding will occur in 24 hours.



CAUTION

Always install the Light Bar Harness upstream (before) any existing multifunction control modules. Do not install the Run-Brake Strip Light Harness between a module and the turn signals, as this will overload the module. Overloading will damage the module and may create a fire hazard!

NOTICE

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

NOTICE

Küryakyn recommends the use of dielectric grease on electrical connections.

STEP 14

Using a test light, or the wiring schematic for your motorcycle, locate the brake wire, the running (tail) light wire and a good ground wire. Mark these for reference. Turn the bike "off" and disconnect the battery.

CAUTION

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

STEP 15

Install a female T-Tap to each of these wires.

NOTE: Black Wire = Ground White Wire = Power Red Wire= Brake

STEP 16

Cut the connector off of the wire harness from the Run-Brake Strip Light. Strip about 1/2" of the insulation from the wires and install one of the supplied male spade connectors to the **RED** wire, one to the **WHITE** wire and one to the **BLACK** wire.

NOTE: Because the wire lead is a small gauge, it is recommended to strip enough insulation so you can double back the wire before you crimp on the male spade. PIC 6

STEP 17

Plug the male spade on the **BLACK** wire to the female T-Tap on the ground wire. Plug the male spade on the **RED** wire into female t-Tap on the brake wire. Plug the male spade on the **WHITE** wire to the female T-Tap on the running (tail) light wire.

STEP 18

Connect the battery, turn the key "on" and test the lights.

WARNING

ENSURE PROPER LIGHT OPERATION BEFORE RIDING THE MOTORCYCLE. VISIBILITY IS A MAJOR CONCERN FOR MOTORCYCLISTS. A LIGHT MALFUNCTION COULD RESULT IN DEATH OR SERIOUS INJURY.