



RUN-TURN CONTROLLER

4865

PARTS INCLUDED

- 1 Run/Turn Controller Assembly
- 1 Load Equalizer with 3-Wire Splices
- 1 Connector Kit Including:
 - 2 2-Wire Male Connector Plugs
 - 4 Heat Shrink Tubing 3mm x 3/4" Long
 - 10 Black Nylon Cable Ties — 4"
 - 1 Dielectric Grease Packet
- 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.

ATTENTION! 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.

TOOLS SUGGESTED

Wire Cutter/Stripper/Crimper, Factory Service Manual, Soldering Iron

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. Let 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.

NOTE: FOR FRONT USE ONLY. When installed by a qualified mechanic this kit is designed to convert 20–35 watt Halogen Silver Bullets or other single circuit lights less than 35 watts to work as dual brightness run/turn signals when used with H-D self canceling turn signals. Any use of this kit for other lighting is at the risk of the user and not covered by the warranty.

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

STEP 2 Disconnect the battery ground wire.

STEP 3 Remove the OEM turn signals you are replacing with the Silver Bullets.

STEP 4 Install the bullet lights in the location of your choice. Neatly route the wires through all mounts involved, and toward your chosen splice location with the controller.

ATTENTION! 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.

CONTROLLER INSTALLATION — '96-UP SOFTAIL AND ALL MODELS '97-UP
(Consult your factory service manual as needed)

STEP 5 Locate the 6-pin AMP connector that joins the stock front turn signals to the rest of the wiring harness. This is normally under the front of the fuel tank or inside the fairing on fairing equipped models. Unplug this connector and remove the stock turn signals and all related wiring to this point. (One 3-wire harness from each turn light.) Plug the Run/ Turn controller (equipped with the same type of plug) into the factory harness.

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

'92-'96 MODELS NOT EQUIPPED WITH MATCHING CONNECTORS FOR FRONT TURN SIGNALS

Cut and splice main harness wires to the Run/Turn controller wires as follows:

BIKE HARNESS WIRE	RUN / TURN CONTROLLER WIRES
"Run" power	Blue
Ground	Black
Left Turn	Violet
Right turn	Brown

CONTROLLER FINAL WIRING

STEP 6 Connect the single wires from each Silver Bullet light to the purple wire of each of the two-wire male connector plugs.

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STEP 7 The remaining black wires from the two-wire connector plugs need only be used if the Silver Bullet lights are not adequately grounded. Otherwise these black wires may be cut off at the connectors.

STEP 8 Reconnect the battery negative and test the for these two functions:

- 1) Does the right blinker activate when the right turn signal button is pushed? Left side too? If not, swap the two two-wire output lead plugs
- 2) Do the directionals flash when pressed, or just come on and stay lit? If they do not flash install the load equalizer as follows:
 - Remove the seat and locate the rear fender lighting wiring harness. Using the supplied splices make the connections as follows:

LOAD EQUALIZER WIRE COLOR

Black
Violet
Violet

FENDER HARNESS WIRE COLOR

Black
Violet or violet tagged
Brown or brown tagged

CAUTION! Load equalizers generate heat when in use. Avoid using turn signals for an extended period; otherwise, the load equalizer will overheat. Never operate the four-way flashers unless you first remove the load equalizer. Overheating will damage the load equalizer causing loss of turn signal operation and could create a fire hazard.

CAUTION! Do not secure the load equalizer to the run-turn- brake control module or any other heat sensitive components. Excess heat from the load equalizer may damage components.

Re-test the turn signals for proper operation. (The bike may have to be started to get proper operating voltage).

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

STEP 9 Finish up.
— Route and wire tie all wires away from high wear or abrasion areas.
— Re-assemble all other components per factory manual.

ATTENTION! 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.

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