

INSTALLATION INSTRUCTIONS

ALUMINUM LOAD EQUALIZERS, 100 WATT - 6 OHM

2992

THANK YOU FOR CHOOSING KURYAKYN!

Protect yourself and others from possible injury and property damage or loss. Pay close attention to all instructions, warnings, cautions, and notices regarding the installation, 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 MINOR OR MODERATE POTENTIAL INJURY.

NOTICE

THIS INDICATION ALERTS YOU TO THE FACT THAT IGNORING THE CONTENTS DESCRIBED HEREIN MAY NEGATIVELY AFFECT PRODUCT PERFORMANCE AND FUNCTIONALITY OR DAMAGE THE PRODUCT ITSELF OR THE PRODUCT TO WHICH IT IS BEING ATTACHED.

ENSURE THAT THE FOLLOWING PARTS HAVE BEEN INCLUDED IN THE KIT:

- 2 Load Equalizers
- 4 Butt Connectors

YOU WILL ALSO NEED:

Wire Cutter/Stripper, 12 Volt Test Light

NOTICE

THESE INSTALLATION INSTRUCTIONS CONTAIN IMPORTANT INFORMATION. ENSURE THE END USER RECEIVES THIS COPY AND IS AWARE OF ITS IMPORTANCE FOR FUTURE USE.

WARNING

A FACTORY SERVICE MANUAL WILL 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. IMPROPER INSTALLATION COULD RESULT IN SERIOUS INJURY OR DEATH.

Note: Before installation, determine that the motorcycle requires the installation of a load equalizer by starting the motorcycle and checking the turn signals. If they flash fast or erratically, proceed with the installation as follows. If they flash at a normal rate, do not install.

Note: This load equalizer will compensate for front and rear L.E.D. turn signals. All Kuryakyn, or other, load equalizers will need to be removed.

Note: THIS PRODUCT IS NOT INTENDED FOR USE ON CAN BUS EQUIPPED MOTORCYCLES. NO LOAD EQUALIZER IS NEEDED ON CAN BUS SYSTEMS WHEN USING A REAR RUN-TURN-BRAKE CONTROLLER OR L.E.D. TURN SIGNAL CONVERSIONS.

INTRODUCTION

Turn signal control modules and flasher units require a predetermined amount of load (resistance) in order to function properly. Often times, when L.E.D. or small incandescent bulbs are used in place of stock turn signals, the reduction in resistance is enough to render the turn signal control module or flasher unit inoperative. The purpose of a load equalizer is to add back some of this lost resistance so the turn signal control module or flasher does not notice that the stock signals are no longer in place.



INSTALLATION INSTRUCTIONS

ALUMINUM LOAD EQUALIZERS, 100 WATT - 6 OHM

2992

-CONTINUED-

CAUTION ALWAYS INSTALL THE LOAD EQUALIZER UPSTREAM OF ANY EXISTING MULTIFUNCTION CONTROL MODULES. DO NOT INSTALL A LOAD EQUALIZER BETWEEN A MODULE AND THE TURN SIGNALS AS THIS WILL OVERLOAD THE LOAD EQUALIZER. OVERLOADING WILL DAMAGE THE LOAD EQUALIZER AND MAY CREATE A FIRE HAZARD!

Follow this procedure if either of the following statements are true and the turn signals flash erratically:

- The only modification to the bike is that the stock signals have been replaced with low-draw turn signals.
- The bike has had the stock turn signals replaced with low draw turn signals and/or is equipped with a multifunction control module manufactured by someone else.

INSTALLATION

STEP 1 Locate the left (clutch-side) and right (brake-side) turn power wires and a ground wire (upstream from any multifunction controller) on the bike's wiring harness. Use a test light or wiring schematic for your model.

Note: The colors of the ground and power wires will vary between motorcycle makes and models. Refer to your service manual for additional assistance.

STEP 2 Locate provided one (1) load equalizer. Determine a safe place for the load equalizer to be fastened to. The load equalizer should not be fastened under the seat or in an area touching plastic. It should be fastened to a frame tube or other metal structure that will help dissipate heat and not cause damage to your motorcycle.

Note: Determining placement of the load equalizer will help you determine if you may need additional wiring to help extend cut wire harness wires or the load equalizer wires.

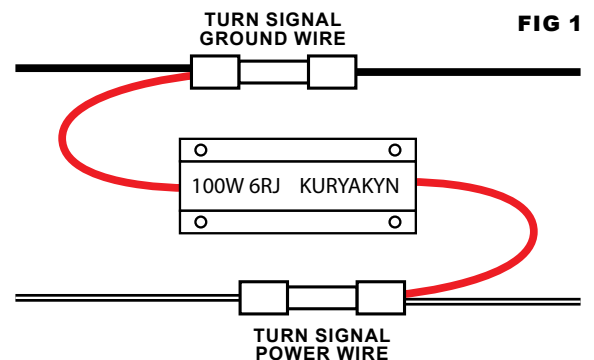
STEP 3 Locate provided two (2) butt connectors.

STEP 4 Refer to FIG 1. Starting on one side of the motorcycle (left-clutch-side or right-brake-side) cut the turn signal ground wire on the motorcycle's wiring harness. Locate a provided butt connector. Place a cut end of the turn signal ground wire into each end of the butt connector. Place one end of the provided load equalizer's wire into one of the ends of the butt connector along with the motorcycle's cut wire.

Note: If the gauge of the motorcycle's wiring harness wire is too big for both it and the load equalizer to fit into one end of a butt connector, you may need to source a different connector for the wires.

STEP 5 Refer to FIG 1. Repeat Step 4 for the turn signal's power wire on the motorcycle's wiring harness.

STEP 6 Repeat Steps 2 through 5 for the remaining load equalizer for the opposite side's turn signals.



NOTE: FIGURE 1 IS FOR CONNECTION REFERENCE ONLY. WIRE COLORS SHOWN ARE NOT PROPER REPRESENTATIONS

INSTALLATION INSTRUCTIONS

ALUMINUM LOAD EQUALIZERS, 100 WATT - 6 OHM

2992

-CONTINUED-

NOTICE

IF ALL FOUR TURN SIGNALS ARE REPLACED WITH VERY LOW DRAW L.E.D. LIGHTS, YOU MAY NEED ANOTHER PAIR OF LOAD RESISTORS; ONE FOR EACH CORNER.

WARNING

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

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.

NOTICE

DO NOT SECURE THE LOAD EQUALIZER TO THE CONTROL MODULE, BATTERY, OR ANYTHING PLASTIC! IF POSSIBLE, FASTEN THE LOAD EQUALIZER TO A FRAME TUBE AS THE FRAME WILL HELP TO DISSIPATE HEAT. IF THAT IS NOT POSSIBLE, TUCK THE LOAD EQUALIZER INTO AN AREA WHERE IT WILL NOT CONTACT ANY HEAT SENSITIVE COMPONENTS.

NOTICE

SECURE ALL WIRING FROM THE NEWLY INSTALLED AND/OR FROM EXISTING PARTS, AWAY FROM ANY MOVING PARTS, PINCH POINTS OR EXTREME HEAT. KURYAKYN WILL NOT ISSUE A WARRANTY ON ANY ELECTRICAL COMPONENT THAT FAILS DUE TO PINCHED, CRIMPED, BROKEN, ABRADED, MELTED OR FRAYED WIRES.

NOTICE

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 PROVIDE WARRANTY COVERAGE ON PRODUCTS OR COMPONENTS LOST DUE TO IMPROPER INSTALLATION OR LACK OF MAINTENANCE. PERIODIC INSPECTION AND MAINTENANCE ARE REQUIRED ON ALL FASTENERS.

INSTALLATION INSTRUCTIONS

ALUMINUM LOAD EQUALIZERS, 100 WATT - 6 OHM

2992

-CONTINUED-

LIMITED WARRANTY

Kuryakyn warrants that any Kuryakyn products sold hereunder, shall be free of defects in materials & workmanship for a period of one (1) year from the date of purchase by the consumer excepting the following provisions:

1. 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).
2. The product must be properly installed, maintained & operated under normal conditions.
3. Kuryakyn shall not be liable for any consequential & incidental damages, including labor & 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 & a customer.
4. 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.
5. 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 & workmanship for 3 years from the date of purchase whereas all other components shall be warranted for one (1) year.
6. All warranty claims must be directed to the place of purchase. Merchandise sold through internet auction sites or any other unauthorized reseller shall not carry a Kuryakyn warranty. If unsure, please contact the place of purchase to verify they are an authorized Kuryakyn reseller.

RETURN POLICY

Merchandise determined to be defective may be returned up to one year from the date of purchase. Returns must be processed through original seller. Returned merchandise for any other reason other than warranty claims must be in like new condition & subject to a 20% restocking fee. All returns are subject to inspection for determination of full or partial credit. Any returned part that shows evidence of being used or installed contrary to manufacturer's instructions, &/or subjected to improper handling, packaging or return shipping by the customer, will not be eligible for exchange, refund or warranty consideration. All returned electrical items will be inspected & tested. If electrical item is deemed functional, no credit will be issued & item will be returned. All sales are final on discontinued or closeout merchandise.

©2015 KURYAKYN HOLDINGS, LLC ALL RIGHTS RESERVED

KURYAKYN, KURYAKYN K logo and the marks appearing on this instruction sheet are registered and common law trademarks of Kuryakyn Holdings except noted third-party trademarks. A full listing of trademarks and trademark registrations owned by Kuryakyn Holdings can be found at www.kuryakyn.com/legal-notice.

Emissions Notice: The California Air Resources Board (CARB) does not permit the use of aftermarket emission-related parts(s) that alter the performance of OEM emission-related devices unless CARB has issued an Executive Order, other than on racing vehicles on closed courses. Check your local laws and manufacturer's information.

Listed Manufacturers and product model names are for reference only. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. All specifications are subject to change without notice.

For additional information on third-party product and company names, please consult our Web page at www.kuryakyn.com/legal-notice