



LOAD EQUALIZER 4993

FITS: YAMAHA MOTORCYCLES WITH MODIFICATIONS TO THE TURN SIGNAL CIRCUIT WHICH CAUSE THE TURN SIGNALS TO FLASH AT DIFFERENT RATES.

PARTS INCLUDED

- 1 Load Equalizer Including:
3 Wire Connectors
1 Installation Instructions

IMPORTANT INFORMATION

- For use on motorcycles when stock turn signals are replaced by L.E.D. lights or other controllers that effect turn signals.

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.

CAUTION! This indication alerts you to the fact that ignoring the contents described herein can result in potential injury or material damage.

NOTE: 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.

CAUTION! Always install the load equalizer upstream of any existing aftermarket multifunction control modules. Do not install a load equalizer between a module and the turn signals as this will overload the module and/or load equalizer. Overloading will damage the module or load equalizer and could create a fire hazard!

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

PROCEDURE A

Follow this procedure if either of the following statements is true:

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

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CUSTOMER SERVICE
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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 non-conforming 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.

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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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SEE FIG.1.

**STEP 1** Remove the white plug-in at the end of the wires by cutting all three wires.

**STEP 2** Choose a convenient location to splice the load equalizer into your wiring harness, normally under the seat or behind a side cover. Once installed, the load equalizer should be secured to a frame tube or similar structure to help dissipate heat. NEVER secure a load equalizer to any heat sensitive components.

**STEP 3** The load equalizer has three wires, two violet and one black. Using one of the supplied connectors, attach the black wire to ground. Using the remaining two connectors, attach one of the violet wires to the bike's left turn signal power wire and the other violet wire to the bike's right turn signal power wires.

**STEP 4** Secure the load equalizer to the frame tube or similar structure. Neatly strap the wires in place as needed.

**CAUTION!** Do not secure the load equalizer to the control module! Excess heat from the load equalizer could damage the control module.

### PROCEDURE B

Follow this procedure if the following statement is true:

- The bike is equipped with a Küryakyn Run-Turn-Brake Controller.

**STEP 1** Remove the load equalizer that came with the run-turn-brake controller.

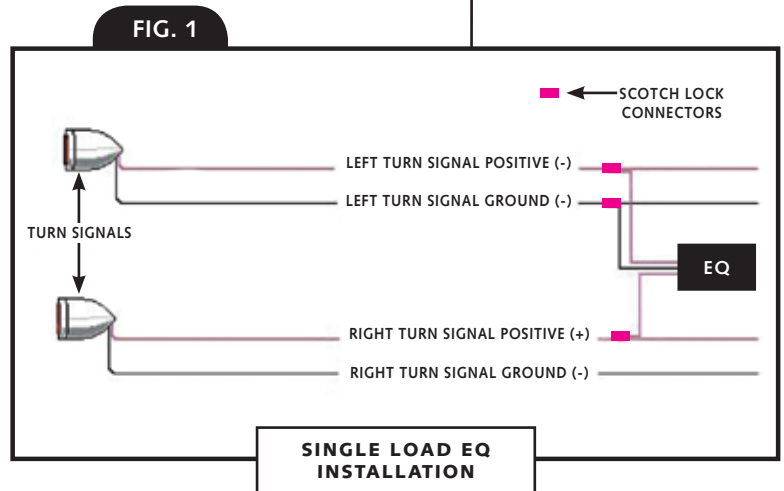
**STEP 2** Install the new load equalizer into either of the white three pin connectors from the run-turn brake controller.

**STEP 3** Secure the equalizer to the frame tube.

**CAUTION!** Do not secure the load equalizer to the control module! Excess heat from the load equalizer could damage the control module.

*Ride On!*

**Küryakyn**<sup>®</sup>



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