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### NAMZ Custom Cycle Products, Inc

1440 Ulmer Avenue  
Oreland, PA 19075

Technical Support is available Monday-Friday, 9am-5pm EST via email at [tech@namzccp.com](mailto:tech@namzccp.com) or call us at 1-877-277-NAMZ.

Part Number: LE-01, LE-02



**Fitment:** LE-01: Pre- 1990 Softail, Dyna and Touring models, and Pre- 1991 Sportster & LE-02: Pre- 1990 Softail, Dyna and Touring models, and Pre- 1991 Sportster

**About this product:** As the industry “originals” in lighting modules our Badlands **Economy** (LE-01) and **Premium** (LE-02) Load Equalizer™ retain the factory flash rate in a no flash scenario when small incandescent bulbs, halogens, or LEDs are used for turn signals. A no flash scenario occurs when the factory turn signal module does not see the specific amperage draw that the factory installed bulbs provide. The Load Equalizer will provide the proper resistance and draw for both front and rear turn signals.

#### What is included in this kit?

- Hardwire Load Equalizer™ Module
- (2) Zip-Ties
- (2) Quick Splice Connectors
- (1) Ring Terminals

#### Recommended tools:

- Phillips Head Screwdriver
- Crimping Pliers
- Diagonal Cutters

### WARNING!

*This product should be installed by a professional motorcycle technician or reputable shop/ dealership.*

*Improper installation may result in loss of Turn signal functions.*

**NOTE:** The LE-01 and LE-02 Modules will PRODUCE HEAT, use caution when mounting the module close to wire looms or plastics. The modules are recommended for **LIGHT** and **MEDIUM** usage respectively and will allow VERY LIMITED USAGE of the 4-way safety flashers when pulling over for emergency purposes only. **Never** operate in parade mode using these modules.

#### Installation instructions:

1. Remove seat and disconnect the negative battery cable.
2. Locate the Rear Fender Harness connection (Figure 1).
3. It is easiest to install the Load Equalizer™ near the rear fender harness connection because the harness will always have the Left and Right Turn signal wires in it.
4. Using the supplied quick splice connectors connect the Violet wire on the module to the Left turn signal wire (Violet) and BROWN wire on the module to the Right turn signal wire (Brown).
5. Crimp the ring terminal on the Black wire. Connect the Black wire to the battery negative to or ground to the frame.
6. Using the (2) supplied Zip-Ties secure the module into place, ensuring no wires will be pinched.
7. Reconnect the battery and ensure proper functions.



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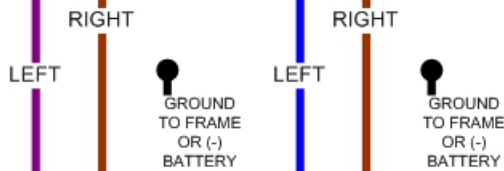
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Below you will find a color schematic of the proper installation for a Badlands LE-01 or LE-02 Load Equalizer Module.

(Sample of HD factory wiring diagram of rear fender harness going to rear turn signals and taillight on most 1996-Up models.)

DIAGRAM OF QUICK SPLICE INSTALLATION



VIOLET = LEFT TURN SIGNAL INPUT  
BROWN = RIGHT TURN SIGNAL INPUT  
BLACK = GROUND

BLUE = LEFT TURN SIGNAL INPUT  
BROWN = RIGHT TURN SIGNAL INPUT  
BLACK = GROUND



(www.namzccp.com or 610-265-7100 for more information.)