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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 or call us at 1-877-277-NAMZ.

Part Number: ILL-CB



Fitment: ILL-CB: Hardwire, CAN/Bus models WITH center taillight. Sportster 2014-UP, Dyna 2012-UP, Softail 2011-UP, Road King, Road Glide, Street Glide & Electra Glide 2014-UP

About this product: As the industry “originals” in lighting modules our Badlands CAN/Bus **Illuminator™** is a versatile and robust lighting module that brings the three most important functions, Running Lights, Break Lights and Turn signals to the single function rear turn signals. Additionally, the CAN/Bus Illuminator™ has a built in Load Equalizer that prevents a rapid flash occurring when using non-CAN/Bus compliant LEDs, smaller incandescent bulbs, or halogen lights. We manufacture all Badlands modules here in Philadelphia, PA with the highest standards, using only quality components, that are built to last backed by a LIFETIME WARRANTY.

What is included in this kit?

- (1) CAN/Bus ILLUMINATOR™ Module
- (2) 5” Zip-Ties
- (2) .25” Insulated Ring Terminals
- (2) Quick Splice Connectors
- (4) Butt Connectors

Recommended tools:

- Wire Strippers
- 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 running lights, turn signals and brake functions.

Installation instructions:

1. Remove seat and disconnect the negative battery cable.
2. Refer to the Wiring Diagram for a detailed view of a sample custom wiring application.

NOTE: We recommend using connectors and terminals whenever possible. However, this module comes with Quick Splicers and Butt Connectors for an easy and quick installation.

3. We recommend locating the module at or near the rear fender harness.
4. Cut ONLY the Left Turn Signal (Blue/Violet) wire and Right Turn Signal (Blue/Brown) wire on the bike.
5. Using the supplied Butt Connectors, connect the module to the bikes wiring as follows:
 - a. BLUE/VIOLET wire on the module connects to the LEFT turn signal feed (Blue/Violet) the bike.
 - b. BLUE/BROWN wire on the module connects to the RIGHT turn signal feed (Blue/Brown) on the bike.
 - c. GRAY wire on the module needs to connect to the rear LEFT turn signal wire (Blue/Violet). This wire will have RUN, BRAKE, and TURN SIGNAL functions.
 - d. YELLOW wire on the module needs to connect to the rear RIGHT turn signal wire (Blue/Brown). This wire will have RUN, BRAKE, and TURN SIGNAL functions.

NOTE: For turn signals with three wires twist the high and low functions together and connect to our single turn signal wire.

6. Use the supplied quick splice connectors by aligning the wires so that both will be contacted by the splicing tab.
 - a. BLUE wire on the module should be SPLICED into the RUNNING light wire (Blue) going to the rear taillight. This is the RUN in RUN/BRAKE/TURN.
 - b. BLUE/RED wire on the module should be SPLICED into the BRAKE light wire (Blue/Red) going to the rear stop light. This is the BRAKE in RUN/BRAKE/TURN.
7. Install ring terminals on the Orange wire and Black wire. Be sure to properly crimp ring terminals so that a positive connection is made.
 - a. FUSED ORANGE wire should be connected directly to the battery positive using fuse or circuit breaker.
 - b. BLACK wire should be grounded to the frame or the (-) on the battery.
8. Using the (2) supplied Zip-Ties secure the module into place, ensuring no wires will be pinched.
9. Reconnect the battery and ensure proper functions.



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Below you will find a color schematic that will show the proper installation of a hard-wired Badlands CAN/Bus Illuminator Module.

DIAGRAM OF QUICK SPLICE INSTALLATION

