

Instruction for VT No. 32-2144, 32-2145, 32-2146, 32-2147
Fitment: Hardwire CAN/Bus Load Equalizer™

Plug-n-Play CAN/Bus Load Equalizer™

32-2144: Softail 2011-2017 & Dyna 2012-2017

32-2145: Softail 2011-2017 FXS/B and 2012-2017 FLS/S Models ONLY

32-2147: Sportster 2014 to Current

32-2146: Road King, Road Glide, Street Glide & Electra Glide 2014 to Current

About this product: Badlands **CAN/Bus Load Equalizer LEQ™** allows the use of non-CAN/Bus compliant lights on all CAN/Bus models. A rapid flash occurs when the factory Body Control Module does not see the specific amperage draw that the factory installed bulbs provide. The CAN/Bus Load Equalizer will provide the proper resistance and draw for either front OR rear turn signals with any light such as LEDs, Halogens or small incandescent. This unit is 100% solid state with thermal protection and produces virtually zero heat. For easy install use exact fitment Plug-N-Play modules for the rear turn signals, for front turn signals use 32-2146.

What is included in this kit?

- Hardwire SUPER Load Equalizer LEQ™ Module
 - o (2) Zip-Ties
 - o (2) Quick Splice Connectors
 - o (2) Ring Terminals
- Plug-n-Play SUPER Load Equalizer LEQ™ Module
 - o (2) Zip-Ties

Recommended tools:

- Phillips Head Screwdriver
- Crimping Pliers
- Diagonal Cutters

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

Improper installation may result in loss of Turn signal functions.

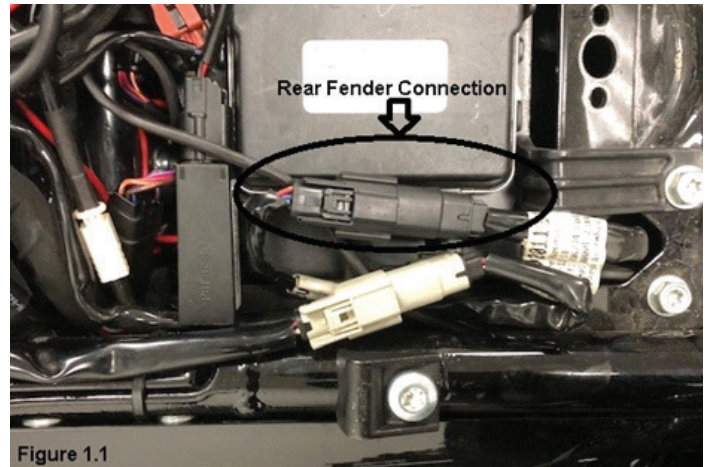


Figure 1.1

Installation instructions

1. Remove seat and disconnect the negative battery cable.
2. Hardwire CAN/Bus Load Equalizer proceed to step 6.
3. Locate the Rear Fender Harness connection under the seat (Figure 1.1).
4. Disconnect the rear fender harness connector by depressing the locking tab(s) and gently pulling the connectors apart.
5. Plug in the Load Equalizer between the rear fender harness connectors. Proceed to step 9.
6. Locate the front Turn Signal wires under the seat coming out of the BCM.
7. Use the supplied quick splice connectors to tap into the turn signal wires.
 - a. Blue/Pink wire on the module to the left turn signal wire (Blue/Pink) on the bike.
 - b. Blue/Orange wire to the Right turn signal wire (Blue/Orange) on the bike.
8. Crimp the ring terminals on the Fused Orange wire and the Black wire.
 - a. Connect the Fused Orange wire directly to the battery positive using a 7.5 fuse.
 - b. Connect the Black wire to the battery negative or ground to the frame.
9. Using the (2) supplied Zip-Ties secure the module into place, ensuring no wires will be pinched.
10. Reconnect the battery and ensure proper function