



Custom Dynamics® ProBEAM®
Add-On Mini Taillight
Installation Instructions

We thank you for purchasing the Custom Dynamics® ProBEAM® Add-On Mini Taillight! Our LEDs offer maintenance free service and higher visibility. Our ProBEAM® product line utilizes the latest technology and automotive grade components to ensure the highest level of reliable service. Custom Dynamics® offers one of the best warranty programs and customer support in the industry. If you have any questions during the installation of this product please call us at 1(800) 382-1388.

Part Number: PB-ELIMTL-BCM-R
PB-ELIMTL-BCM-S

US Patent: Patent Pending

China Patent: Patent Pending

Package Contents:

- ProBEAM® Mini Taillight (1)
- BCM Y Harness (1)
- 4" Wire Ties (10)



Fitment: 2014-2023 Harley-Davidson® Street Glide (FLHX), Street Glide Special (FLHXS), 2015-2023 Road Glide (FLTRX), Road Glide Special (FLTRXS), 2017-2025 Road King Special (FLHRXS). Does not fit CVO models.

Compatible with Custom Dynamics® Turn Signal Eliminator PN: 2040-2335/2040-2336/2030-1453/2030-1495/2030-1496/2030-1497/2030-1498 (sold separately).

Installation:

1. Remove motorcycle seat and disconnect the negative [-] battery cable from the battery.
2. Locate and unplug the main wiring harness from the lighting connector to the rear fender.
3. Disconnect the provided BCM Y Harness Adapter from the ProBEAM® Mini Taillight wiring harness. Plug the BCM Y Harness in-line, into the rear lighting harness and the bike's main wiring harness.
4. With the Turn Signal Eliminator Assembly (sold separately) installed on the rear fender, clean the area above Turn Signal Eliminator Assembly with denatured alcohol and allow to dry. Refer to Photo 1.



Please read all Information below before Installation

Warning: Disconnect negative battery cable from battery; refer to owner's manual. Failure to do so may result in electrical shock, injury, or fire. Secure negative battery cable away from positive side of battery and all other positive voltage sources on vehicle.

Safety First: Always wear appropriate safety gear including safety glasses when performing any electrical work. It is highly recommended that safety glasses be worn throughout this installation process. Be sure vehicle is on level surface, secure and cool.

Important: This product is designed and intended for use as auxiliary lighting only. It is NOT intended to replace any original equipment lighting installed on the vehicle and should not be used for that purpose. This product must be wired so that it does not interfere with any original equipment lighting.

Important: Ambient install temperature must be 60 degrees F or higher. Allow 24 hours for tape to cure before washing or prolonged use of vehicle.



Questions? Email: info@CustomDynamics.com or Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

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Installation:

5. Place the ProBEAM® Mini Taillight on the rear fender above the Turn Signal Eliminator assembly and mark the placement with a grease pencil.
6. Remove the Red protective film from the back of the ProBEAM® Mini Taillight and place on the fender using your marks from the previous step.
7. Remove the Turn Signal Eliminator from the rear fender and route the wiring harness through the rear fender in the same manner as the stock turn signal bar wiring harness. The taillight wiring harness will need to be in the slot of the rubber fender plug before you push the rubber plug back into the fender. See Photo 2.
8. Remount the Turn Signal Eliminator to the fender with the ProBEAM® Mini Taillight wiring harness in the cutout of the Turn Signal Eliminator Assembly as shown in Photo 3. CAUTION: If the wiring harness is not in the cutout of the Turn Signal Eliminator, the wiring harness will be pinched and cut.
9. Route the taillight harness to the BCM Y Harness under the seat. Secure the taillight harness to the stock turn signal bar wiring with the provided wire ties to prevent damage to the harness.
10. Connect the Taillight harness to the BCM Y Harness.
11. Reconnect the negative battery cable to the battery.
12. Test all lighting for proper operation in run, brake and turn modes and reinstall the seat before riding.

