



Custom Dynamics® Integrated Fat Boy LED Taillight Installation Instructions

We thank you for purchasing the Custom Dynamics® Integrated Fat Boy LED Taillight. Our products utilize the latest technology and high quality components to ensure you the most reliable service. We offer one of the best warranty programs in the industry and we back our products with excellent customer support, if you have questions before or during installation of this product please call Custom Dynamics® at 1(800)382-1388.

Part Numbers: CD-FATBOY-S CD-FATBOY-R

Package Contents:

- Integrated Fat Boy LED Taillight (1)
- Cable Tie Holder (10)
- 6" Cable Ties (10)
- Instructions (1)



Fits: 2018-2025 Harley-Davidson® Fat Boy (FLFB/FLFBS).

Installation:

1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Remove the black plastic reflector from the inside of the rear fender. It is attached to the fender with double sided tape.
3. Clean the underside folded fender lip with denatured alcohol to remove all road grime and dirt. Shown in **Figure 1**.



ATTENTION

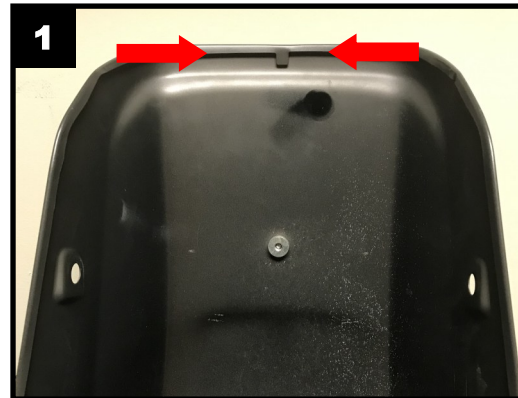
Please read all Information below before Installation

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 the motorcycle.

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 the motorcycle 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 motorcycle and should not be used for that purpose. This product must be wired so that it does not interfere with any original equipment lighting.

Note: Ambient install temperature must be 60 degrees F or higher. Allow 24 hours for tape to properly cure before riding or washing the motorcycle.



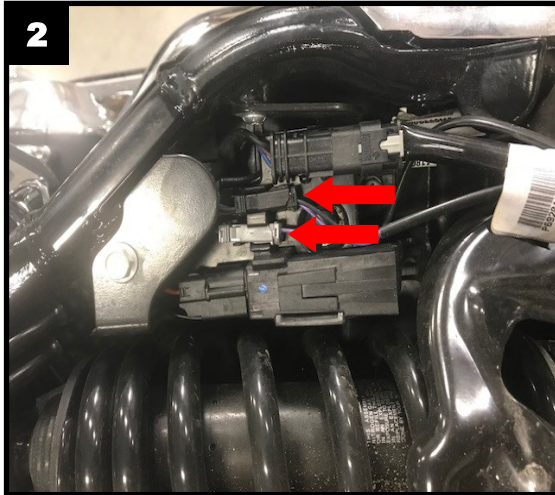
4. Test fit the new Custom Dynamics® Integrated Fat Boy LED Taillight to the underside folded lip of the fender. Make sure that it is centered, then mark the position with a grease pencil for a guide. **Note: The Custom Dynamics® Integrated Fat Boy LED Taillight mounts on the folded lip of the rear fender.**
5. Remove the red protective film from the tape on the back side of the Custom Dynamics® Integrated Fat Boy LED Taillight, press it into place using your marks for a guide.
6. Route the wiring harness from the Custom Dynamics® Integrated Fat Boy LED Taillight on the inside of the fender to under the seat area.

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

Installation Instructions - Page 2

Installation Continued:

7. Use the supplied Cable Tie Holders and Cable Ties to secure the wiring harness to the underside of the fender to prevent the wires from being cut, frayed or pinched. **Note: Clean the Cable Tie Holder mounting locations of all road grime and dirt with denatured alcohol.**
8. Locate the rear left and right turn signal connectors under the seat. The grey connector is the left turn signal and the black connector is the right turn signal. Shown in **Figure 2**.



9. Disconnect the left turn signal connector (**grey**) from the motorcycle and connect the Custom Dynamics® Integrated Fat Boy LED Taillight harness left turn signal connector (**violet wire**) inline.
10. Disconnect the right turn signal connector (**black**) from the motorcycle and connect the Custom Dynamics® Integrated Fat Boy LED Taillight harness right turn signal connector (**brown wire**) inline.
11. Reconnect the negative battery cable to the battery and reinstall all necessary parts.
12. Test the new Custom Dynamics® Integrated Fat Boy LED Taillight for proper operation. **Note: If experiencing a Rapid Flash on your turn signal dash indicators you may need to perform a BCM Sync. To perform a BCM Sync turn ignition ON and turn on the 4 way hazards and count 10 flashes and deactivate. Turn on 4 way hazards for another 10 flashes and deactivate. Turn ignition OFF then back ON. Turn on 4 way hazards for 10 flashes and deactivate. After performing the BCM Sync the dash indicators should no longer be Rapid Flashing.**