



## Custom Dynamics® High Performance LED Rear Turn Signals Installation Instructions

We thank you for purchasing the Custom Dynamics® High Performance LED Rear Turn Signals. 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-RTS-18ST-B

### Package Contents:

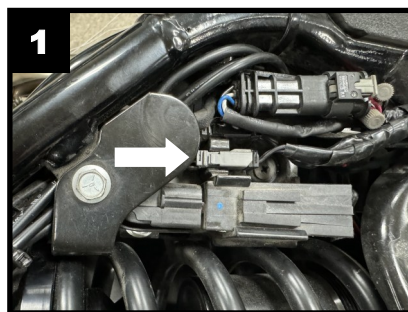
- High Performance LED Rear Turn Signals (2)
- 5/16 - 18 x 5/8 Socket Head Bolts (2)
- JAE Male Connectors (2)
- 6" Cable Ties (5)
- Instructions (1)



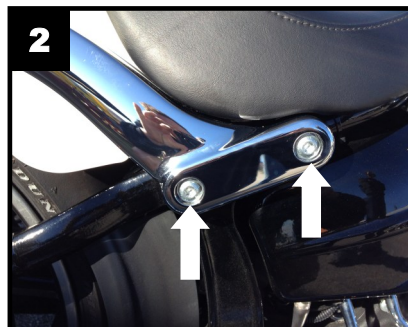
**Fits:** 2018-2025 Harley-Davidson® Softail Street Bob (FXBB/FXBBS), 2020-2024 Softail Standard (FXST), 2018-2020 Breakout (FXSB/FXSR), 2023-2025 Breakout 117 (FXBR), 2018-2021 Slim (FLSL), 2020-2024 Low Rider S (FXLRS), 2018-2020 Low Rider (FXLR) and 2018-2025 Fatboy (FLFB).

### Installation:

1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Disconnect the rear turn signals. Shown in **Figure 1**.



3. Remove the rear fender from the motorcycle by removing the four Torx bolts from the strut supports. Then remove the fender struts and fender from the motorcycle. If unsure of this process, please refer to your HD service manual. Once the fender is off the motorcycle, remove the four inner fender support bolts and remove the struts. Shown in **Figures 2 and 3**.



## **ATTENTION**

Please read all Information below before Installation

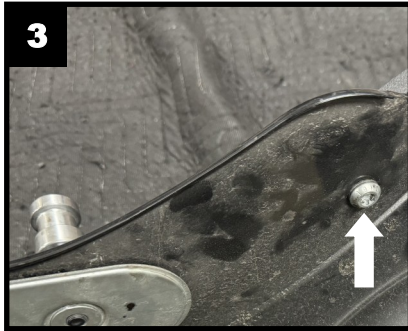
**Warning:** Disconnect negative battery cable from battery; refer to owner's manual. Failure to do so may result in electrical shock, injury, or fire. Secure negative battery cable away from positive side of battery and all other positive voltage sources on motorcycle.

**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 motorcycle is on level surface, secure and cool.

Questions? Email: [info@CustomDynamics.com](mailto: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

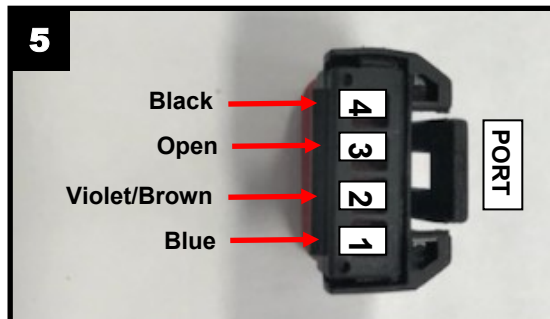
### Installation Continued:



4. Remove the OEM rear turn signals from the fender struts.
5. Install the new High Performance LED Rear Turn Signals to the fender strut using the supplied 5/16 - 18 x 5/8 Socket Head Bolts. Shown in **Figure 4**.



6. Route the High Performance LED Rear Turn Signals wiring in the fender struts wire channels.
7. Secure the wires with the supplied Cable Ties from being cut, frayed or pinched in the fender strut wire channels.
8. Reinstall the fender struts to the rear fender and reinstall assembly to the motorcycle.
9. Install the pre-pinned wires into the supplied JAE Male Connectors. Use the diagram, shown in **Figure 5**. **Note: Scan the QR Code below for a video on how to pin a JAE connector.**



### Note: For Red Dual Intensity Run/Brake Function.

Port 4 = Black

Port 3 = Open

Port 2 = Violet/Brown

Port 1 = Blue

10. Connect the High Performance LED Rear Turn Signals into the motorcycles rear lighting connectors. Shown in **Figure 1 on Page 1**. **Note: The grey connector is the left turn signal and the black connector is the right turn signal.**
11. Secure the wiring under the seat using the supplied Cable Ties from being cut, frayed or pinched.
12. Reconnect the negative battery cable to the battery and reinstall all necessary parts.
13. Test the new Custom Dynamics® High Performance LED Rear Turn Signals for proper operation.

**Note:** If you're experiencing a Rapid Flash on your turn signal dash indicator after installation, you may need to sync the BCM (Body Control Module) and clear the trouble codes. Follow the steps below to perform the BCM sync and to clear the trouble codes. To sync the BCM, perform the following steps:

1. Turn ignition ON, but do not start the motorcycle.
2. Turn on 4 way hazards by pressing the hazard button on the controls. Count 10 flashes and deactivate.
3. Turn on 4 way hazards for another 10 flashes and deactivate.
4. Clear DTC's (Diagnostic Trouble Codes).
5. Turn ignition OFF then back ON. Turn on 4 way hazards.

Turn ignition to the ON position and test for proper turn signal operation. The dash turn signal indicators should no longer be Rapid Flashing.