



Custom Dynamics® LRST Vent LED Installation Instructions

We thank you for purchasing the Custom Dynamics® LRST Vent LED. 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-LRST-VENT-B

Package Contents:

- LRST Vent LED (2)
- 4" Cable Ties (6)
- Instructions (1)

Fits: 2022-2024 Low Rider ST (FXLRST) and 2022 Low Rider EI Diablo (FXRST).



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 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.

Note:

If you're experiencing a Rapid Flash on your Turn Signal dash indicator, you may need to sync the BCM (Body Control Module) and clear the trouble codes. Please click on the link below and follow the steps to clear the trouble codes and perform the BCM sync.

To sync the BCM, perform the following steps:

1. Turn Ignition on, but do not start the bike.
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 Diagnostic Trouble Codes (DTC's)
5. Turn Ignition OFF then back ON. Turn on 4 way hazards.

After performing the steps above, turn the ignition switch to the ON position and test for proper turn signal operation. The dash turn signal indicators should no longer be Rapid Flashing.

Installation:

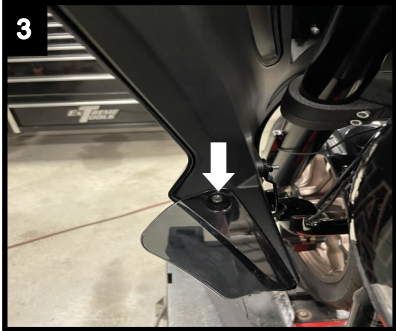
1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Remove outer fairing by removing 6 windshield screws shown in **Figure 1**. Lift to remove windshield and store in a safe place to prevent damage.
3. Remove outer fairing screws shown in **Figure 2**.



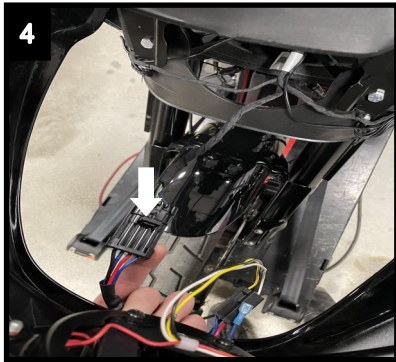
Questions? Email: Info@CustomDynamics.com or Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

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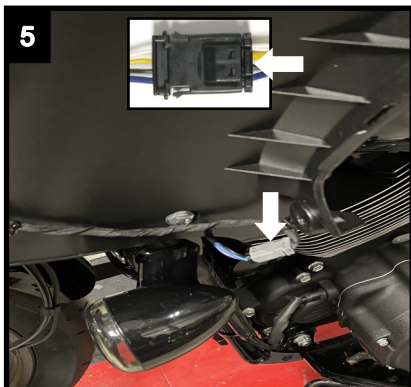
4. Remove fairing air deflector screws shown in **Figure 3**.



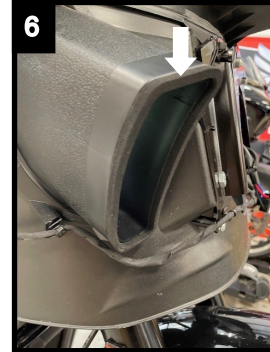
5. Pull outer fairing away from inner fairing and unplug headlight connector shown in **Figure 4**. Remove outer fairing and store in a safe place to prevent damage.



6. Locate left and right turn signal connectors and unplug by pressing down on the releasing tab shown in **Figure 5**.



7. Remove OEM foam around vent opening shown in **Figure 6**.



8. Remove bottom vent OEM T10 torx screw shown in **Figure 7**. Reuse in later step.
9. Place LRST Vent LED in vent and secure with OEM T10 torx screw in previous step shown in **Figure 8**.



10. Plug the LRST Vent LED connector at both turn signals. Use cable ties to secure wires from being cut, frayed, or pinched.
11. Reinstall outer fairing and windshield in reverse order that they were removed.
12. Replace all necessary parts and reconnect the battery negative cable.
13. Test all operations of front turn signals and LRST Vent LED.