

Custom Dynamics® Shark Demon® LRST Front Turn Signal Installation Instructions



We thank you for purchasing the Custom Dynamics® Shark Demon® LRST Front 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: SD-LRST-FT-AW SD-LRST-FT-YB

China Patent: ZL202430646776.5

Package Contents:

- Shark Demon® LED Front Turn Signals (2)
- Turn Signal Adapter Brackets (2)
- 5/16-18 x 5/8" Socket Head Screws (2)
- Cable Ties (10)
- Instructions (1)

Fits: 2022-2025 Harley-Davidson® Low Rider ST (FXLRST) and 2022 Low Rider El 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 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.

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 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 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 Diagnostic Trouble Codes (DTC's).
5. Turn ignition OFF then back ON 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

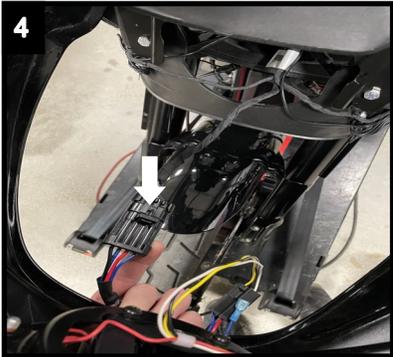
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Installation Continued:

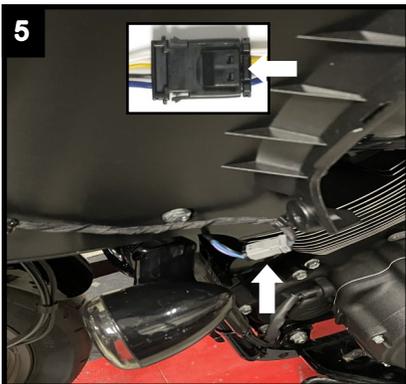
4. Remove fairing air deflector screws shown in **Figure 3**.



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 release tab shown in **Figure 5**.



7. Remove left and right OEM front turn signals.

8. Install Shark Demon® LED Front Turn Signals in the OEM location using supplied 5/16-18 x 5/8" Socket Head Screws. Shown in **Figure 6**.



9. Plug the Shark Demon® LED Front Turn Signal connectors at both locations mentioned in Step 6. Secure wires with the supplied Cable Ties from being cut, frayed or pinched.
10. Reinstall outer fairing and windshield in reverse order that they were removed.
11. Replace all necessary parts and reconnect the negative battery cable.
12. Test the Custom Dynamics® Shark Demon® LRST Front Turn Signals for proper operation.