

## Custom Dynamics® LRST Shark Demon® LED Headlight Installation Instructions



We thank you for purchasing the Custom Dynamics® LRST Shark Demon® LED Headlight. 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:** SD2-LRST-W

### Package Contents:

- Shark Demon® 2 LED Headlight (1)
- Round Panel Bracket Base (1)
- Shark Demon™ Mount Bucket (1)
- LRST Wire Adaptor (1)
- M6 Hex Head Bolts (4)
- Serrated Flanged Nut (4)
- 10-32 x 3/4" Screw With Washer and Nut (1)
- Shark Demon™ Sticker (1)
- Instructions (1)



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

### 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 4 outer fairing screws shown in **Figure 2**.



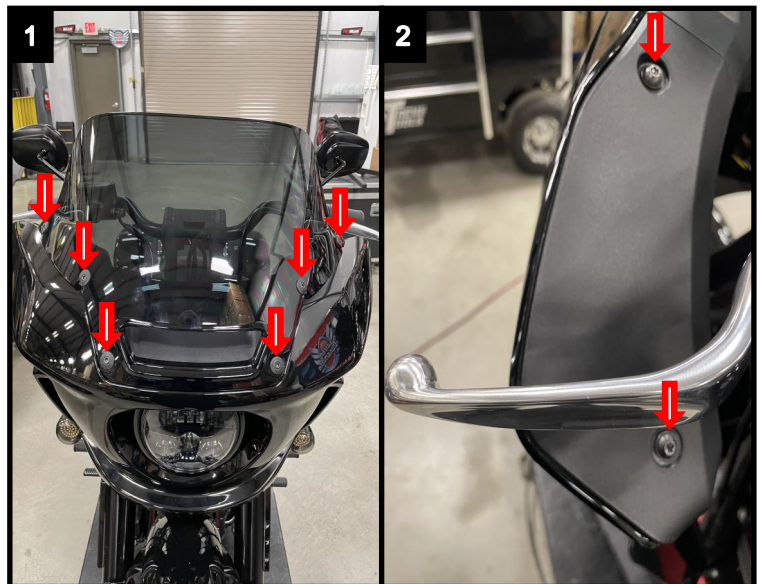
Please read all Information below before Installation

**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.

**Note:** Complies with SAE and DOT standards for high and low beam motorcycle headlamp.

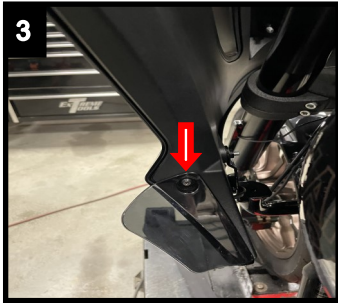
**Cleaning:** Take special care in cleaning the finish. Never use abrasive polishes or cleaners as these can scratch the finish.



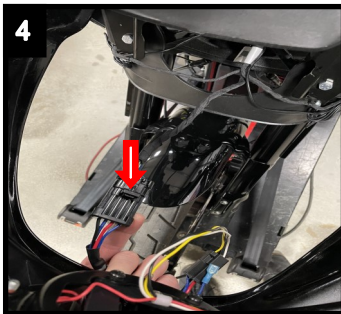
Questions? Email: [Info@CustomDynamics.com](mailto:Info@CustomDynamics.com) or Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

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



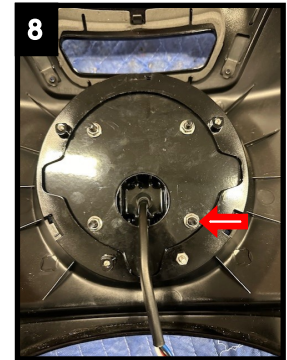
5. Pull outer fairing away from inner fairing and unplug headlight connector shown in **Figure 4**.



6. Remove outer fairing and set on work bench. Remove OEM headlight bezel by turning it counter clockwise to release from tab. Remove 3 OEM T25 torx head screws and remove headlight and bracket.
7. Install provided Round Panel Bracket Base with OEM screws. Drill the empty hole with a 3/16" drill bit and install provided 10-32 X 3/4" screw with the washer and nut on back side of panel. Shown in **Figures 5 & 6**.



8. Install LRST Shark Demon® 2 LED Headlight to the Shark Demon® Mount Bracket with four M6 hex head bolts. Install to fairing with four serrated flanged nuts shown in **Figures 7 & 8**.



9. Connect LRST Wire Adaptor to harness coming from the motorcycle shown in **Figure 9**. Plug other end into the Shark Demon® 2 Headlight connector.



10. Reinstall outer fairing and windshield in reverse order that they were removed.
11. Replace all necessary parts and reconnect battery negative cable.
12. Aim Shark Demon® 2 LED Headlight by loosening the four M6 Hex Head Bolts. **Scan QR Code below for specific instructions on proper measurements for aiming.**



13. Test operation of LRST Shark Demon® 2 LED Headlight.