

Custom Dynamics® 23 Road Glide Shark Demon® 2 LED Headlight Installation Instructions



We thank you for purchasing the Custom Dynamics® 23 Road Glide Shark Demon® 2 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: SD2-23RG-WW SD2-23RG-YW

Package Contents:

- Shark Demon® 2 LED Headlights (2)
- Speed Plates (2)
- Main Headlight Bracket (1)
- SD-HL Brackets (2)
- Upper Filler Plate (1)
- Center Face Plate (1)
- Adapter Harness (1)
- 1/4-20 x 1.5" Button Head Allen Bolts (4)
- 1/4" Flat Washers (4)
- M6 Serrated Flange Nuts (9)
- M6-1.0 x 14mm Hex Head Bolts (8)
- M6 Flat Washers (8)
- Shark Demon® Sticker (1)
- Instructions (1)

Fits: 2023-2025 Harley Davidson® CVO Road Glide (FLTRXSE), 2024-2025 Road Glide (FLTRX) and CVO Road Glide ST (FLTRXSTSE).



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: Complies with SAE and DOT standards for high and low beam motorcycle headlight.

Cleaning: Take special care in cleaning the finish. Never use abrasive polishes or cleaners as these can scratch and/or damage the finish. Avoid power washing/applying direct stream to aftermarket parts.

Note: Hand start all bolts, **DO NOT** use impact wrench/"zip gun" when installing.



Installation:

1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Remove 4 screws and runner seals to remove the windshield. Shown in **Figure 1**.



3. Remove the 3 screws and remove the windshield blocks on both sides of the motorcycle. 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:

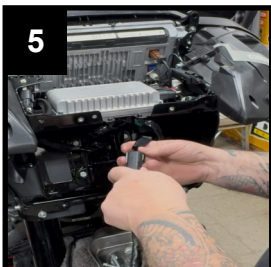
4. Remove center vent face cover that is held in place by retaining clips by gently prying and pulling vent cover straight out and away from motorcycle. Shown in **Figure 3**.



5. Remove vent cover by lifting up and out and do not lose the rubber windshield posts. Shown in **Figure 4**.



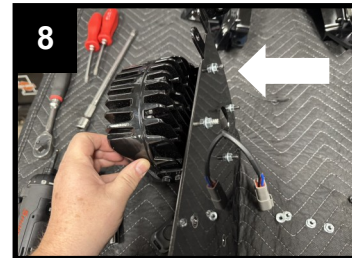
6. Remove outer fairing by removing the speaker grills that are held into place with retaining clips, pry up at the inner edge and pull away from motorcycle. Remove the 2 screws in speakers area and the 2 screws down at the fairing wind deflectors and remove the final 4 screws at the top of the fairing and remove fairing gently.
7. Remove headlight by removing 6 screws and pull headlight away from motorcycle and unplug the headlight connector.
8. Connect Adapter Harness to headlight connector. Shown in **Figure 5**. **Note:** If installing SD2-23RG-YW plug the connector with the two pin connector on the harness to the Selective Yellow Shark Demon® 2 Fog Light, shown in Figure 6. The two pin connector is designed for the Auxiliary Handlebar Mounted On/Off Switch (CD-AUX-UNV sold separately) to control the left side separately. It is recommended to have the Selective Yellow Shark Demon® 2 Fog Light controlled by the On/Off switch.



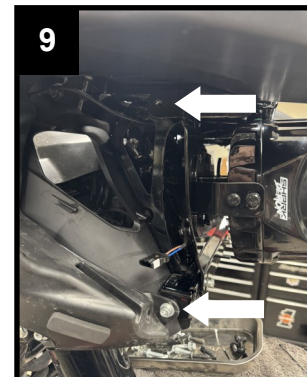
9. Install both Shark Demon® 2 LED Headlights to the SD-HL Brackets using the supplied M6-1.0 x 14mm Hex Head Bolts and Washers. Shown in **Figure 7**.



10. Install both Shark Demon® 2 LED Headlights and SD-HL Bracket assemblies to the Main Headlight Bracket using the supplied M6 Serrated Nuts. Shown in **Figure 8**.

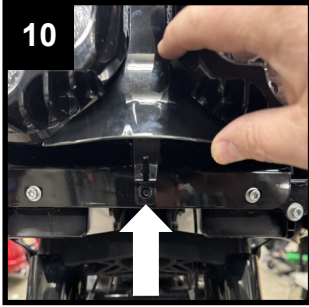


11. Install Main Headlight Bracket assembly to motorcycle using the OEM headlight hardware and plug in both Shark Demon® 2 LED Headlights to the Adapter Harness.
12. Install the Speed Plates or Integrated Front Turn Signal Vents (**sold separately**) to the two mounting points using the supplied 1/4-20 x 1.5" Button Head Allen Bolts and Washers. Shown in **Figure 9**. **Note:** if using **Speed Plates and NO front turn signals you will need SD-24-TSR Can Adapters (sold separately)** or the motorcycle will throw a DTC, refer to those installation instructions for installation. If using **Integrated Front Turn Signal Vents** refer to those installation instructions for installation and wire routing.



13. Install the Center Face Plate to the Main Headlight Bracket over the stud and use the supplied M6 Serrated Nut. Shown in **Figure 10 on Page 3**.

Installation Continued:



14. Install the Upper Filler Plate on top of the Center Face Plate Using the OEM screws. Shown in **Figure 11**.



15. Reinstall the fairing and windshield in reverse order of removal.
16. Reconnect the negative battery cable to the battery and reinstall all necessary parts.
17. Aim Shark Demon® 2 LED Headlight by loosening the 4 M6 Hex Head Bolts. **Note:** Scan the QR Code below for specific instructions on proper measurements for aiming the headlight.



18. Test the new Shark Demon® 2 LED Headlight for proper operation.