

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



## Part Number

## Patent

SD2-23RG-WW, SD2-23RG-YW

US Patent: D1102637, Additional US Patent: Pending, China Patent: ZL202430259656.X

## Package Contents

Shark Demon® 2 LED Headlights  
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)



## Fitment

2023-2025 Harley-Davidson® CVO Road Glide (FLTRXSE), 2024-2026 Road Glide (FLTRX), 2024-2026 CVO Road Glide ST (FLTRXSTSE), 2026 Road Glide Limited (FLTRXL) and 2026 Road Glide 3 (FLTRT).

## Suggested Tools

Safety Glasses  
Front Fender Protection  
T-25 TORQ Socket or Handle Driver  
T-27 TORQ Socket or Handle Driver  
3/16" Allen Socket or T-Handle  
5mm Allen Socket or T-Handle  
10mm Socket  
10mm Open End Wrench

## Installation

[Click Link for Install Video](#)

[Click Here](#)

### Warning

Rider and passenger safety depend upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a qualified technician perform the installation. Improper installation of this kit could result in death or serious injury.

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**.
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**.

Questions? Email: [Info@CustomDynamics.com](mailto:Info@CustomDynamics.com) or Call us at: 1(919)554-0949 M-TH 8:30AM-5:30PM, F 9:30AM-5:30PM EST

## Installation Instructions Continued - 2

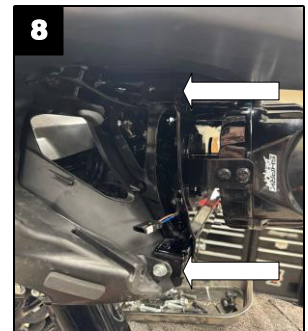
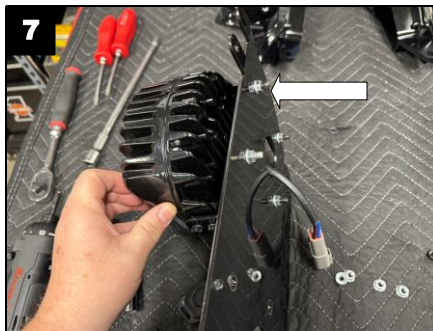
- Remove vent cover by lifting up and out and do not lose the rubber windshield posts. Shown in **Figure 4**.
- Remove outer fairing by removing the speaker grills that are held into place with retaining clips, pry up at the inner edge and pull away from motorcycle. Remove the 2 screws in speakers area 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.
- Remove headlight by removing 6 screws and pull headlight away from motorcycle and unplug the headlight connector.
- Connect Adapter Harness to headlight connector. Shown in **Figure 5**.



### Notice

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

- 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 6**.
- 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 7**.
- 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.
- 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 8**.



### 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.

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## Installation Instructions Continued - 3

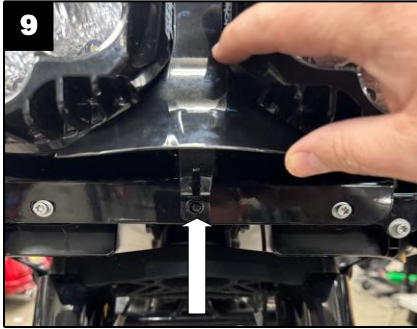
13. Aim Shark Demon® 2 LED Headlight by loosening the 4 M6 Hex Head Bolts. Tighten the 4 M6 Hex Head Bolts when aiming is complete.

### Note

Click on the link to the right for specific instructions on proper measurements for aiming headlight.

[Click Here](#)

14. Install the Center Face Plate to the Main Headlight Bracket over the stud and use the supplied M6 Serrated Nut. Shown in **Figure 9**.
15. Install the Upper Filler Plate on top of the Center Face Plate Using the OEM screws. Shown in **Figure 10**.



16. Reinstall the fairing and windshield in reverse order from which it was removed.
17. Reconnect the negative battery cable to the battery and reinstall all necessary parts.
18. Test the new Shark Demon® 2 LED Headlight for proper operation.

### Note

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

### Cleaning Warning

Never use abrasive polishes or cleaners (e.g. "bug off" cleaners) as these can scratch and/or damage the finish, voiding warranty coverage. Avoid power washing/applying direct stream to aftermarket parts.