

Custom Dynamics® Shark Demon® Road Glide LED Turn Signals Installation Instructions



Part Numbers

Patent

SD-23RG-FT-AW, SD-23RG-FT-YB

US Patent: D1108671, China Patent: ZL202430646776.5

Package Contents

Shark Demon® LED Turn Signals (2)
PT-HARN-14-JAE Harness (2)
1/4"-20 x 1" Allen Head Socket Bolts (2)
1/4"-20 Serrated Flange nuts (2)
Instructions (1)



Fitment

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

Note

Adapter Harness MPR-23-FTS will be needed for installation (**sold separately**).

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

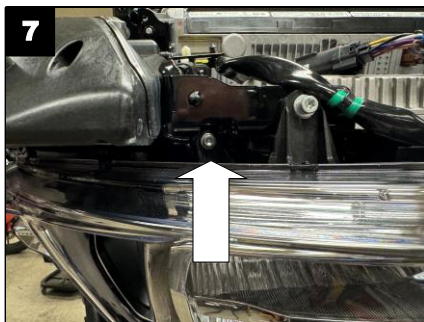
Questions? Email: Info@CustomDynamics.com or Call us at: 1(919)554-0949 M-TH 8:30AM-5:30PM, F 9:30AM-5:30PM EST

Installation Instructions Continued - 2

- Remove 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. Shown in **Figures 4, 5 & 6**.
- When removing outer fairing gently pull away from the motorcycle and set aside in a safe place to prevent damage.
- Remove headlight by removing 6 screws and pull headlight away from motorcycle and unplug the headlight connector. Shown in **Figures 7 & 8**.
- Connect Adapter Harness MPR-23-FTS (**sold separately**) to the headlight connector and connect two supplied PT-HARN-14-JAE Harnesses to the pigtails from the MPR-23-FTS Harness.

Note

The pigtail with the brown wire is the right turn signal and the pigtail with the violet wire is the left turn signal. Route both PT-HARN-14-JAE Harnesses to each side for the turn signal to be connected and secure wires with cable ties to prevent from being cut, frayed or pinched.



Notice

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

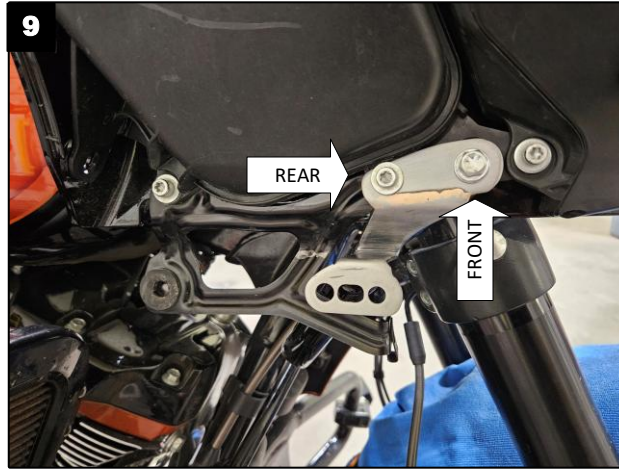
- Reinstall the headlight.

Installation Instructions Continued - 3

11. Install the Shark Demon® Road Glide LED Turn Signals using the OEM bolt in the rear hole and the supplied 1/4"-20 x 1" Allen Head Socket Bolts and Serrated Flange Nuts in the front hole. Shown in **Figure 9** (only the bracket is shown in Figure 9).

Note

You **DO NOT** use the Serrated Flange Nuts if you have OEM Lower Fairings installed on the motorcycle.



12. Reinstall the outer fairing, speaker grilles, center vent face cover, windshield blocks and windshield in reverse order in which they were removed.
13. Reinstall all necessary parts to reconnect the negative battery cable to battery.
14. Test the new Custom Dynamic® Shark Demon® Road Glide LED Turn Signals for proper operation.

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.