

Custom Dynamics® Road Glide LED Vent Trim Installation Instructions



We thank you for purchasing the Custom Dynamics® Road Glide LED Vent Trim. Our products utilize the latest technology and highest 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: CD-RG-AW2-B CD-RG-V-AW2-C
CD-RG-V-AW2-BB

Package Contents:

- LED Vent Trim Assemblies (pair)
- 4" Cable Ties (10)
- Speed Nuts (2)
- Instructions (1)

Fitment: 2015-2023 Harley-Davidson® Road Glide (FLTRX), Road Glide Special (FLTRXS), 2022-2023 Road Glide ST (FLTRXST) & CVO™ Road Glide Limited (FLTRKSE), 2020-2024 Road Glide Limited (FLTRK), 2018-2022 CVO™ Road Glide (FLTRXSE), 2016-2019 Road Glide Ultra (FLTRU), 2020-2022 CVO™ Road Glide Ultra (FLTRUSE) and 2023-2025 Road Glide 3 (FLTRT).



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: Make sure the motorcycle is parked on a level surface and the motorcycles mechanical components are cool to the touch.

Notice: This product is designed and intended for use as auxiliary lighting on motorcycles only. This product is NOT intended to replace any original equipment lighting installed on the motorcycle and should not be used for that purpose. This product must be wired in such a fashion that it does not interfere with any original equipment lighting.

Note: Do NOT use thread locker such as Loc-Tite™ with this product. It will weaken the plastic at the screw holes causing cracks and will void the warranty.

Note: You will have to remove the front fairing dash and windshield in order to complete this installation. Please refer to your manufacturer's service manual if unsure of this procedure.

Cleaning: Take special care in cleaning the finish. Use only Alcohol or Iso-Heet and a fine microfiber cloth to remove dirt or debris. Never use abrasive polishes or cleaners as these can scratch the finish.

Note: Over-tightening the mounting hardware will cause the paint to chip which is not covered under the warranty.



Installation:

1. Remove the 4 windshield fasteners and trim. Lift the windshield up to remove. Store the windshield in a safe place to prevent damage.
2. Remove the top vent. The top vent is secured to the fairing by clips. Position yourself in the front of the motorcycle and lift straight up on the top vent to release. Shown in **Figure 1**. Store the top vent in a safe place to prevent damage.



3. Locate and unplug the left and right side 4 pin turn signal harness connectors. Shown in **Figure 2**.

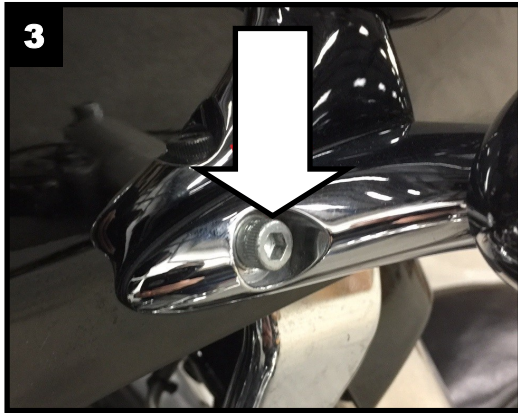


Questions? Email: info@CustomDynamics.com or Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

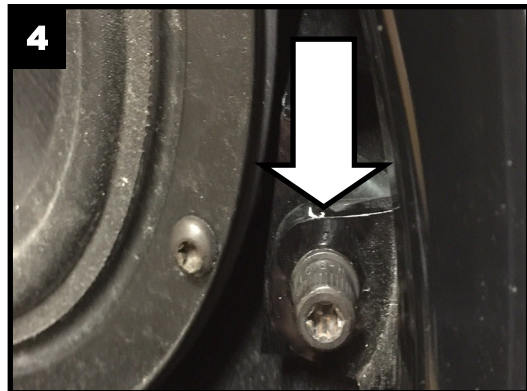
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Installation (Continued):

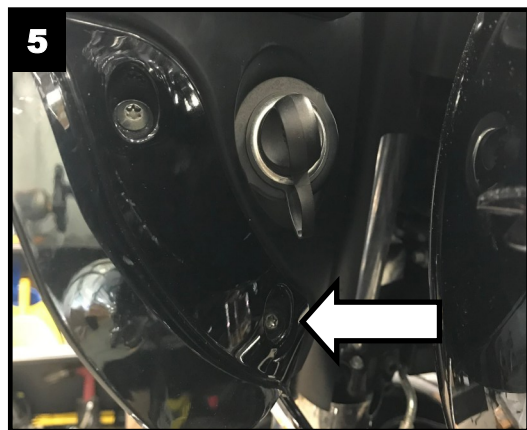
4. Remove the 3/16" Socket Allen Head bolts from the outside of each turn signal housing. Shown in **Figure 3**.



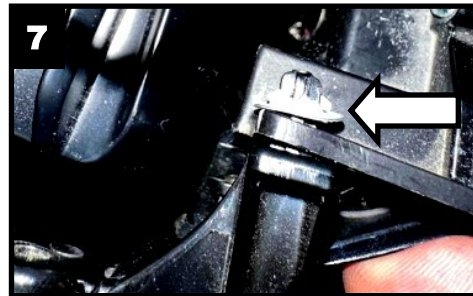
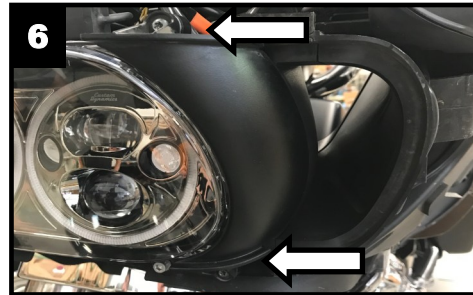
5. Remove both left and right speaker grilles on the inner fairing.
6. Once the speaker grilles are removed, locate and remove the T-30 Torx screws in each corner of the speaker housing. Shown in **Figure 4**.



7. Locate and remove the lower T-25 Torx screws on each side of the inner fairing at the wind deflector. Shown in **Figure 5**. Remove outer fairing and store in a safe place.



8. Remove the two T-25 Torx screws on each side that secure the headlight bezels to the headlight. Shown in **Figure 6**. Remove the headlight bezels and install the LED Vent Trim using the factory headlight bezel screws. **Note: Shark Demon Headlights will require the use of supplied Speed Nuts in place of T-25 Torx screws. Install the locating pin of the LED Vent Trim onto the motorcycles vent, Install the Speed Nut on the locating pin to hold in place.** Shown in **Figure 7**.



9. Route the wires from each LED Vent Trim to the OEM connectors unplugged in Step 3.
10. Connect the male JAE connectors on the Vent Trim harnesses to the female JAE connector of the OEM front turn signal harnesses in the fairing.
11. Secure the LED Vent Trim wiring harnesses with the supplied Cable Ties to prevent wires from being cut, frayed or pinched.
12. Reinstall the outer fairing using the OEM hardware.
13. Connect the female JAE connectors on the Vent Trim harnesses to the OEM male front fairing turn signal harnesses.
14. Reinstall speaker grilles by applying light pressure. They should snap into place.
15. Reinstall the top vent, by snapping it into place, and reinstall windshield using OEM hardware.
16. Perform a BCM sync by turning ignition **ON**. Turn 4 way hazards on and count 10 flashes and deactivate. Turn on 4 way hazards for another 10 flashes and deactivate. Turn ignition **OFF** then back **ON**, turn on 4 way hazards for 10 flashes and deactivate. **Note: After performing the BCM Sync, turn ignition ON and check dash indicators to make sure they are not Rapid Flashing.**
17. Test the Custom Dynamics® Road Glide LED Vent Trim for proper operation.