



Custom Dynamics® Vent LED Kit Installation Instructions

We thank you for purchasing the Custom Dynamics® Vent LED Kit. 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 Number: CD-VENT-TF-KIT

Package Contents:

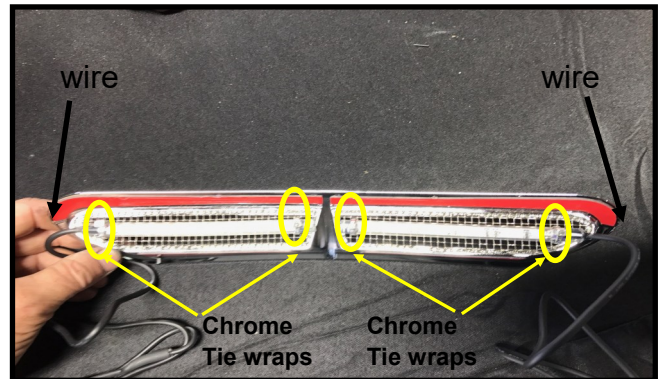
- TruFLEX® Vent LED w/ Harness (2)
- 4" Black cable Ties (6)
- 6" Chrome Cable Ties (4)
- Instructions (1)

Fits: 2014-2024 Harley-Davidson® Ultra Limited (FLHTK), 2014-2023 Street Glide (FLHX), Street Glide Special (FLHXS), 2022-2023 Street Glide ST (FLHXST), 2015-2022 CVO™ Street Glide (FLHXSE), 2019-2022 Electra Glide Standard (FLHT), 2014-2019 Electra Glide Ultra Classic (FLHTCU), 2015-2016 Ultra Classic Lo (FLHTCUL), 2015-2018 Ultra Limited Lo (FLHTKL), 2014-2021 CVO™ Limited (FLHTKSE), 2014-2025 Tri Glide (FLHTCUTG) and 2020-2022 CVO™ Tri Glide (FLHTCUTGSE).

Compatible with Decorative Vent Insert PN 2350-0357 or 2350-0356 (sold separately).



Note: You may want to test fitment with a couple of the supplied Black Cable Ties first before final installation with the supplied Chrome Cable Ties.



Please read all Information below before Installation

Warning: Disconnect negative cable from battery; refer to owner's manual. Failure do to 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.

Important: This product is designed and intended for use as auxiliary lighting only. It 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 so that it does not interfere with any original equipment lighting.

Important: The installation of this product requires removal of the front fairing to gain access to the internal wiring. Please consult your manufacturers service manual for detailed instructions on fairing removal prior to beginning installation.

Note: Some wiring knowledge may be needed for this installation. Consult your vehicle detailed service manual for wiring information and color codes. Use a meter or test light to verify wiring before tapping any motorcycle wiring. If the steps contained within are beyond your skillset, do not attempt installation, contact a qualified mechanic or dealership to assist you.

1 Place the vent trim upside down on a padded work surface as shown. Make sure surface is protected so as not to scratch vent. Unwrap the harness assembly and stretch out end to end. Notice that one LED wire is longer than the other, this LED will install first on the right side. Make sure the wires are facing the direction in the photo. Towards the outer edge of the vent.

2 Attach the LED tube to the grill with a Chrome Cable Tie on each end as shown above. **Note: the flat side of the tube goes against the mesh in the vent so that the LEDs will shine through the mesh.**

Push the open end of the tie wrap through the grill and back out to make a loop. Make sure that the tube is level with the line of the vent. Once the first LED tube is secure, attach the other LED, using the first unit as a guide for location. Pay attention to position, you want them to look uniform and level. As stated in note above, test fit with the Black Cable Ties first to find the best location before securing with the Chrome Cable Ties to prevent the wires from being cut, frayed or pinched.

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

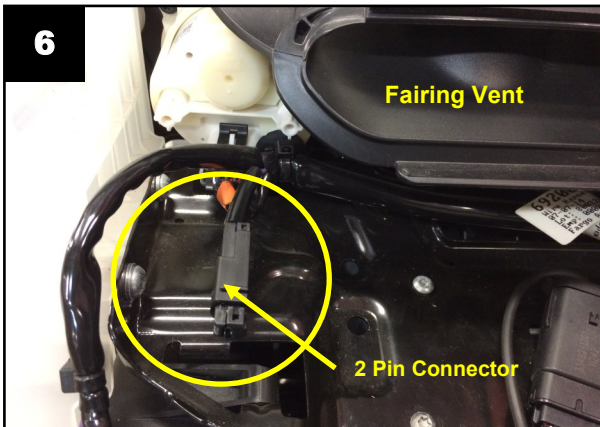
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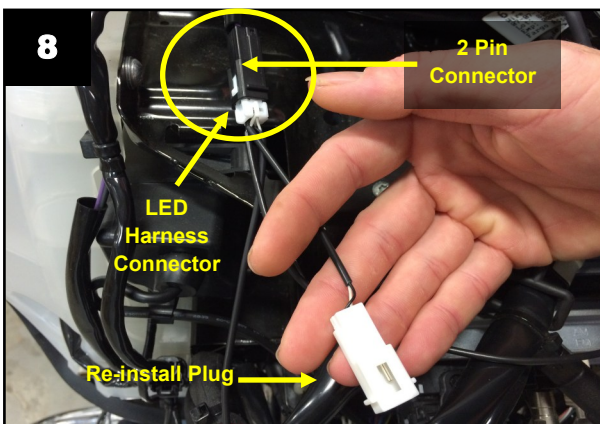
Remove the windshield and front outer fairing from the bike, if unsure of this process, please refer to manufacturer service manual for details.

6



Locate the 2 pin Connector to the lower left (looking at the fairing) of the vent on the motorcycle. See photo, item circled for connector location.

8



Plug the Vent LED Harness Connector into the fairing 2 pin connector, ensure that it snaps in. Make sure to reinstall the plug removed in step 3 into the LED harness pass-through connector.

4

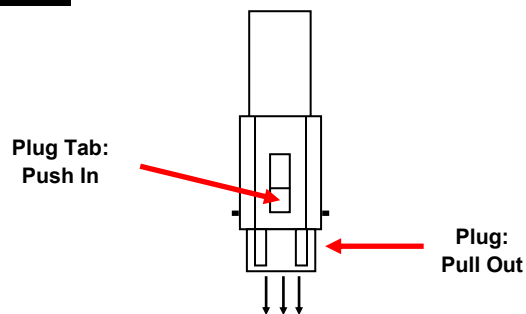
Sit fairing on protected surface. Follow the instructions for the HD-VENT-INSERT for installation into the fairing vent. Be sure to insert the LED wire harness into the fairing vent before attaching the vent trim.

5

Once the Insert is secured to the fairing, take the fairing and rest it on the front fender in preparation for the next steps. Be sure to cover the fender with a blanket or soft cover to protect the finish.

7

2 Pin Connector Plug



Remove the connector plug from the connector on the motorcycle by pushing the center tab in and pulling the plug out. Save the plug for reinstallation in step 8.

9

Once the wires are connected to the fairing harness connector, use the Cable Ties to secure the harness from being cut, frayed or pinched.

10

Re-install the front outer fairing and windshield following the instructions in the manufacturers service manual.

11

Make sure battery negative cable is reconnected, then test the function of the LEDs.