



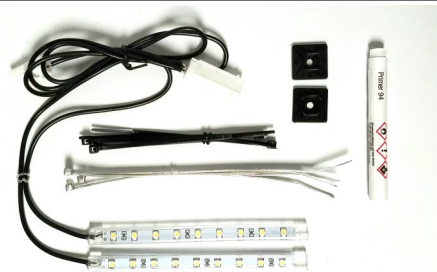
Custom Dynamics® Vent LED Kit Installation Instructions

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 Assembly w/Harness (1)
- 3M Primer Ampule (1)
- 4" Black Tie Wraps (6)
- 6" Chrome Tie Wraps (4)
- Tie Wrap Holder (2)



Fitment: This product is designed for installation on Custom Dynamics® Vent Insert Products:

- CD-VENT-INSERT-B (Drag # 2350-0357)
- CD-VENT-INSERT-C (Drag # 2350-0356)

*2014 & Up Harley Davidson Models equipped with center vent style Fairings. *Note: Vent Insert does Not fit CVO Street Glide Models



Please read all Information below before Installation

Warning: Disconnect negative battery 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 vehicle.

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 vehicle is on level surface, secure and cool.

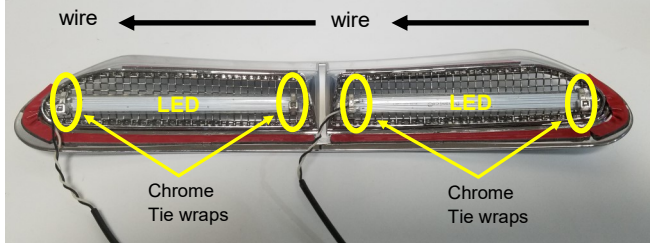
Important: This product is designed and intended for use as auxiliary lighting only. It is NOT intended to replace any original equipment lighting installed on the vehicle and should not be used for that purpose. This product must be wired so that it does not interfere with any original equipment lighting.

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 vehicle wiring. If the steps contained within are beyond your skillset, do not attempt installation, contact a qualified mechanic or dealership to assist you.

1

Note: You may want to practice test fitment with a couple of the black ties first before final installation with the Chrome ties.



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.

2

Attach the LED tube to the grill with a chrome tie wrap 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 the photo, it may be a good idea to test fit with the black tie-wraps first to find the best location before securing with the Chrome ties.

Questions? Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

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3



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

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.

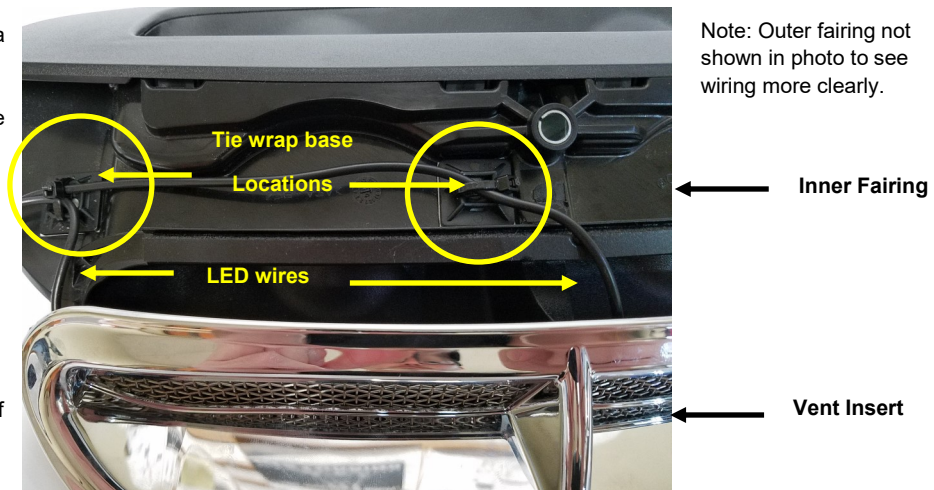
5

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.

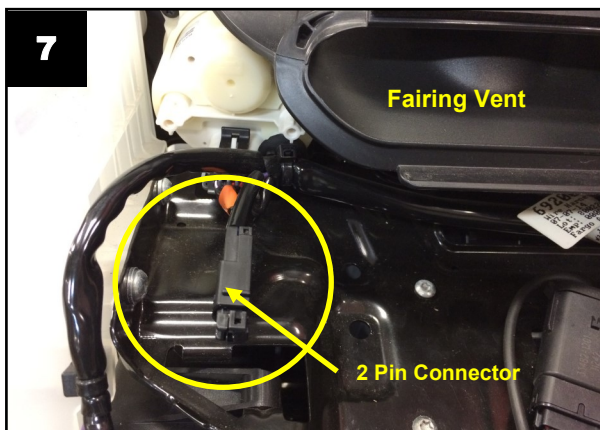
6

Using the photo as a reference, use the included 3M primer ampule to apply primer to the future location of the included tie-wrap bases. Allow primer to dry 3-4 minutes. Remove backing and press tie-wrap bases into place, then insert a black tie-wrap into each base. Insert the wire through the tie wrap, then pull tight.

Route wires to the left side of the fairing.



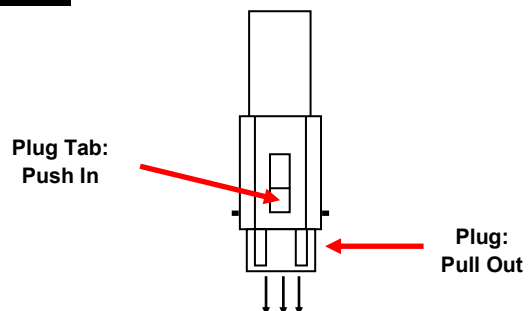
7



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.

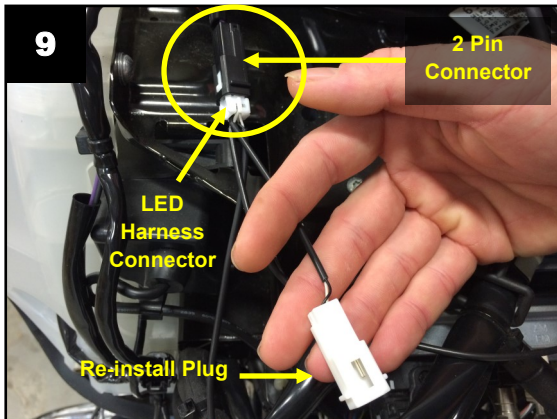
8

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.

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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.

10

Once the wires are connected to the fairing harness connector, use any remaining tie-wraps to secure the harness as needed.

11

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

12

Make sure battery is re-connected, then test the function of the LEDs.

