



## Custom Dynamics® Slim Batwing Fairing Trim Installation Instructions

We thank you for purchasing the Custom Dynamics® Slim Batwing Fairing Trim. 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-BFT-SLIM-14**

### Package Contents:

- Slim Batwing Fairing Trim (2)
- AW Converter Harness (2)
- 4" Black Wire Tie (8)
- Isopropyl Alcohol Wipe (1)

**Fitment:** 2014-2020 Harley-Davidson® Electra Glide Ultra Classic (FLHTCU), Electra Glide Ultra Classic Low (FLHTCUL), Ultra Limited (FLHTK), Ultra Limited Low (FLHTKL), Standard (FLHT) Street Glide (FLHX), Street Glide Special (FLHXS), Tri Glide (FLHTCUTG), Street Glide CVO™ (FLHXSE), and Limited CVO™ (FLHTKSE) and CVO™ TriGlide (FLHTCUTGSE)



# ATTENTION

Please read all Information below before Installation

**Safety First:** Make sure the bike is parked on a level surface and bike 's mechanical components are cool to the touch. To prevent electrical shock, disconnect the negative battery terminal from the battery before beginning installation.

**Note:** You will have to remove the outer front fairing in order to complete this installation. Please refer to your manufacturer service manual if unsure of this procedure.

**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 such that it does not interfere with any original equipment lighting.



### Installation:

1. Remove the 1/2" nuts that secure the turn signal and/or passing lamp assembly to the fork shown in Picture 1. Store 1/2" nuts in a safe place for reinstallation later. Pull assembly away from the fork to reveal the black wiring connector as shown in Picture 2.
2. Unplug the connector by pushing in on the tab located on the male side of the connection as shown in Picture 3. Push the tab and pull apart both sides at the same time. Remove the turn signal and passing lamp assembly from the bike completely and store in a safe place for reinstallation.
3. Repeat steps 1 and 2 on the opposing side turn signal and passing lamp assembly.
4. Remove the top 3 T27 Torx Bolts from the outer fairing as shown in Picture 4. Remove the windshield and store it in a safe place for reinstallation later.
5. Reinstall the center T27 Torx Bolt only that was removed in Step 4. Lightly tighten the center bolt to secure the fairing while you remove the remaining 4 inner fairing bolts.
6. Remove the 2 T27 Torx bolts from the left and the right side of the inner fairing as shown in Picture 5. Save the bolts for reinstallation.
7. While standing in front of the bike and holding the fairing, remove the center outer fairing T27 Torx bolt and pull the fairing slightly away from the bike.

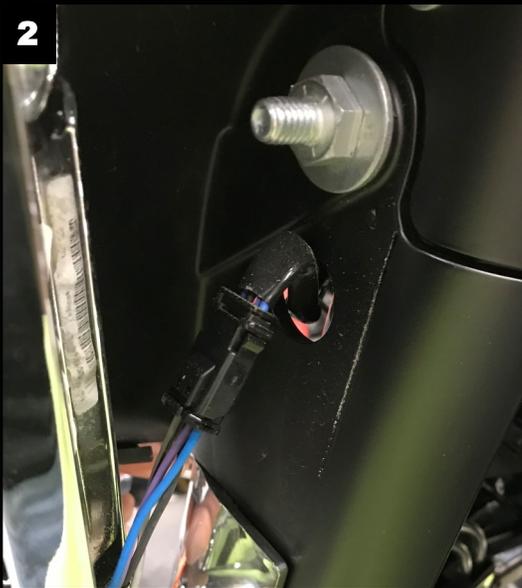
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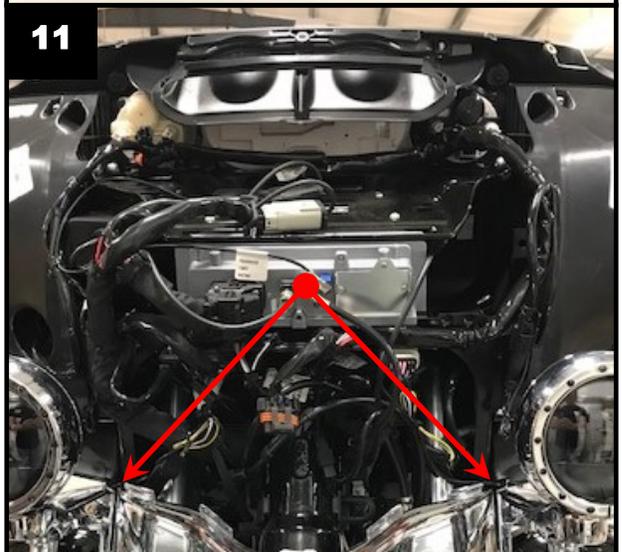
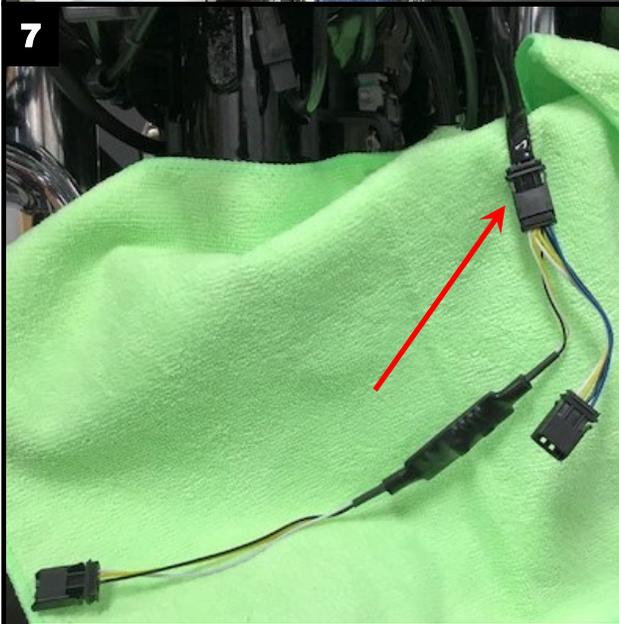
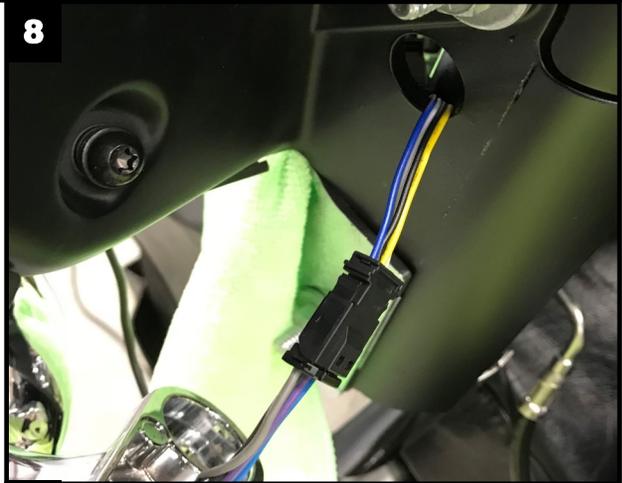
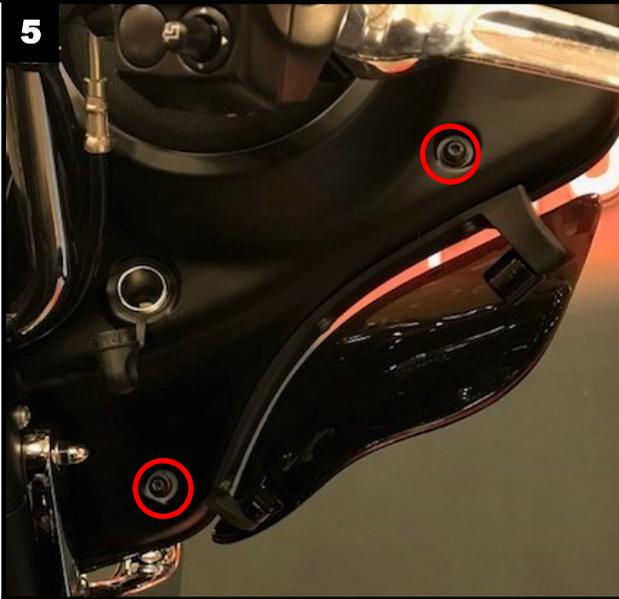
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8. With the fairing slightly pulled away from the bike, disconnect the connector from the headlamp as shown in Picture 6. Lay the fairing on a protected flat surface to prevent damage.
9. With the fairing removed, connect the pass-through side of the AW Converter Harness to the factory turn signal wiring harness. To do this, plug in the male end of the pass-through portion of the AW Converter harness into female connector on the turn signal factory wiring harness as shown in Picture 7. Repeat step for the opposing side.
10. Push the female plug on the pass-through portion of the AW Converter harness into the hole in the fork frame and plug it into the male connector from the turn signal and/or passing lamp assembly as shown in Picture 8. Reinstall the turn signal and passing lamp assembly onto the fork frame and secure with the original 1/2" nuts. Repeat step for the opposing side.
11. Clean the lower left and right sides of the fairing with alcohol to remove any grease or wax.
12. Test fit the Slim Batwing Fairing Trim as shown in Picture 9. **NOTE:** If you have adjustable air deflectors refer to Picture 10. The lights will need to be positioned approximately 1" from the edge of the fairing. Ensure the air deflector will clear in open and closed positions before adhering the Slim Batwing Fairing Trim. Use a grease pencil to mark final placement on the fairing
13. Apply the provided Isopropyl Alcohol Wipe to the final placement area on the lower left and right sides of the fairing and allow to dry
14. Remove the red protective tape from the back of the Slim Batwing Fairing Trim and apply it to both sides of the fairing as shown in Picture 9. **NOTE:** If you have adjustable air deflectors refer to Picture 10. The lights will need to be positioned approximately 1" from the edge of the fairing. Ensure the air deflector will clear in open and closed positions before adhering the Slim Batwing Fairing Trim.
15. With the turn signals reinstalled, reconnect the headlight and connect the Slim Batwing Fairing Trim harness to the pass-through harness. With the black zip ties provided, secure the Batwing Fairing Trim Harness wires to prevent the wires from being damaged during the fairing installation.
16. Insure the harness from the Slim Batwing Fairing Trim is routed behind the outer fairing as shown in Picture 11.
17. Reinstall the fairing and windshield in the reverse order that it was removed. **NOTE: THE 4 INNER FAIRING BOLTS ARE TWO DIFFERENT LENGTHS!** The 2 longer bolts go in the top holes and the 2 shorter bolts go in the bottom holes of the inner fairing.
18. Run the 4 way hazard flashers, with the ignition in the off position, for 3 minutes to sync BCM with the Slim Batwing Fairing Trim. After you have sync'd the BCM check for proper operation of the Slim Batwing Fairing Trim and all existing lighting in all modes.

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