



Custom Dynamics® Genesis® II LED Add-On Tail Light Installation Instructions

We thank you for purchasing the Custom Dynamics® Genesis® II LED add-on tail light! 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.

Package Contents:

- Genesis® II LED Tail Light (1)
- Template (1)
- 3M Promoter Pack (1)
- Protective sheathing (1)
- Female 3 Pin Connector (1)
- 4" Black Tie-Wraps (10)

Pre-Installation

1. Remove The Bags to allow access to the rear of the bike.
2. Remove the left-side side panel from the bike to allow access to wiring.
3. Remove the Black cover to the back of the tri-bar light on the inside of the fender. (See Figure 1)
4. Unplug the wiring connector from the right side of the tri-bar.
5. Remove the the 7/16" Nut above the tri-bar that holds the Harness clip in place. Remove the clip.
6. Remove the 1/2" bolts that hold the turn signal bar in place, once free, remove the turn signal bar, remove the split grommet, guiding the wiring through the opening in the fender. Store in a safe place for installation later.

Using the Template

7. Use the 1/2" Bolts for the turn signal bracket and insert them into the two holes on the template, then fit into the appropriate holes on the fender. (See Figure 2)
8. Take a pencil and trace the top edge of the template to get your guide mark for the tail light and the center hole for the wire pass-through.
9. Next, use a center punch to mark the center hole for the wiring pass through. (See Figure 3)
10. Once all guides are done, remove the template for the next steps.

Fits: 2010-2013 Street Glide/Road Glide

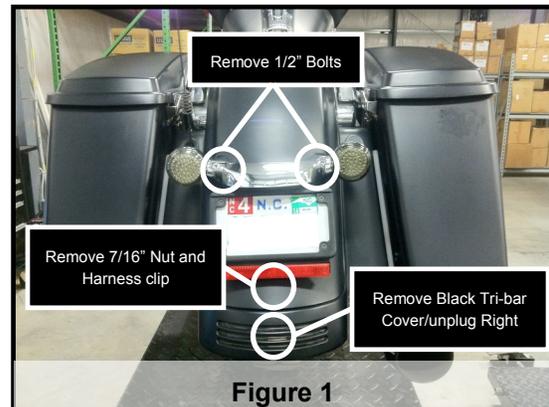


Figure 1

For an in-depth Video tutorial on the installation of this product, go to www.customdynamics.com

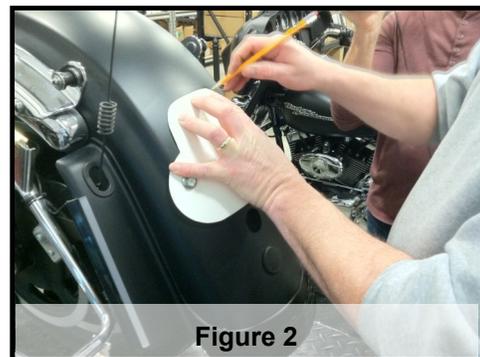


Figure 2

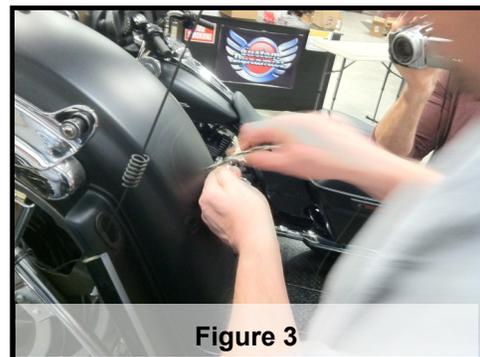


Figure 3

Questions? Call us at: 1 (800) 382-1388 M-TH 9AM-6PM / FR 10AM-6PM EST

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Installation

11. A hole must be drilled in order to pass the wires through the fender. Find your hole punch marking and start with a small size drill bit to make a pilot hole. Work your way up to a 7/32 inch bit for your final hole size. Take care not to drill too far and puncture your tire. (See Figure 4)
12. Inspect the pass-through and make sure no sharp edges or burrs remain.
13. We recommend that you seal the metal hole with some touch up paint or clear nail polish to protect from rust.
14. After your touch up paint sets up for a few minutes, use the provided 3M Promoter Pack and cover the surface area where the tail light is going to adhere to. Allow to dry for 3-4 minutes. (See Figure 5)
15. Feed the wiring through the pass-through hole, have a second person reach under the fender to guide wire down if necessary. (See Figure 6)
16. Remove the top side of the red backing on the 3M tape and fold it to the outer edge (enough to grab onto) and align the tail light with the pencil guide marking. Adhere to the top of the fender and press firmly. (see Figure 7)
17. Remove the rest of the red backing and press the tail light firmly into place.

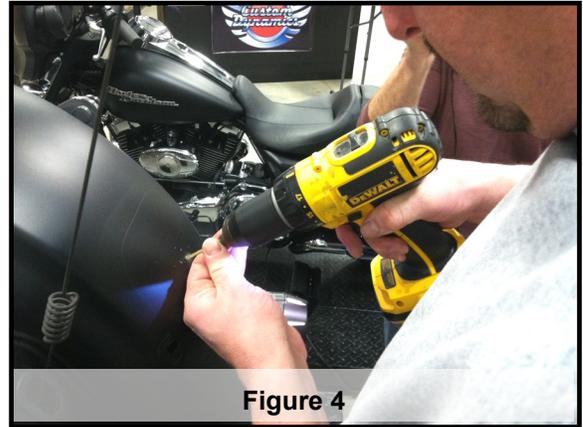


Figure 4



Figure 5

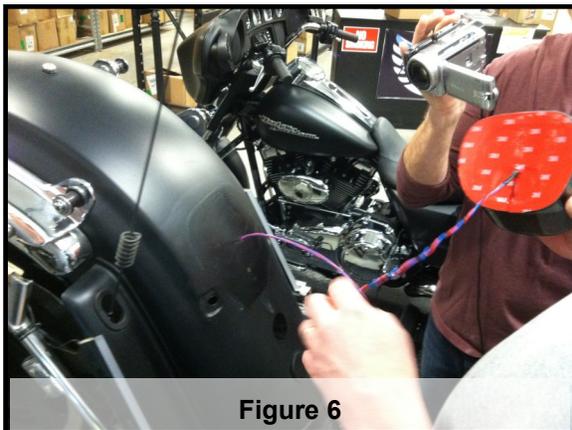


Figure 6



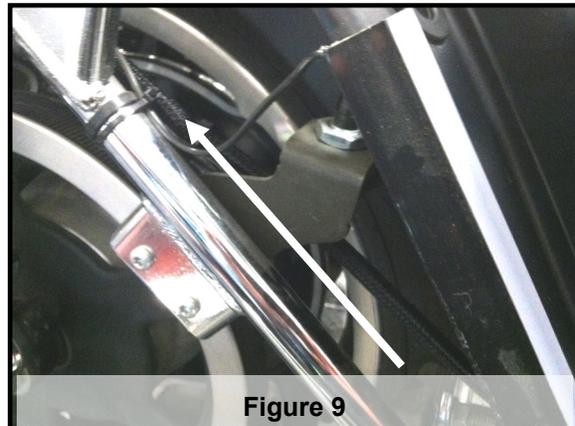
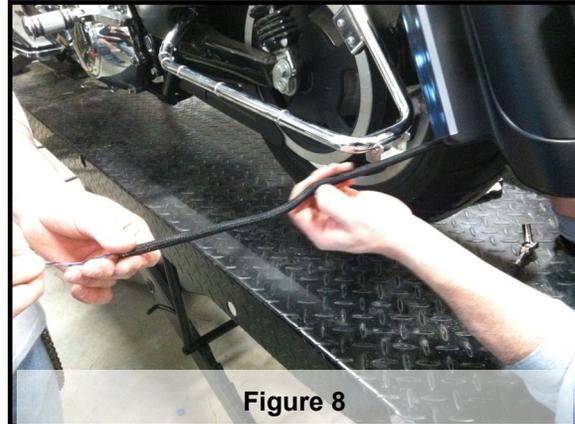
Figure 7

Re-assembly

18. Tuck the tail light wiring out of the way while you re-install the turn signal bracket. Pay close attention to level before tightening.
19. Re-install the harness clip with the 7/16" nut.
20. Plug the turn signal wiring connector back into the right side of the tri-bar light.
21. Re-install the black cover of the tri-bar, making sure it clicks in place.

Routing the Wiring

22. Before securing the wiring, install the provided black wire loom sheathing. The sheathing should reach all the way to the wires coming out of the hole. (See Figure 8)
23. Using the supplied Black tie-wraps, secure the tail light wiring to the existing wiring from the turn signals, then to the wiring to the tri-bar on the left side.
24. Route the wiring up along the fender and secure to the bag rail where needed. (See Figure 9)
25. The wiring should arrive at the left-side panel area, where it will be plugged in. In the panel, there is a 3 pin male connector that has 3 wires the same colors as the wiring for the tail light, Black, Red, and Blue. Isolate the connector and prepare for the next step. (See Figure 10)



Installing the Female Connector

26. Using the provided 3 pin Female connector, attach the connector to the male connector on the bike. Make note of the orientation of the wire colors, then unplug the connector and insert male pins into the supplied connector making sure red goes to red, blue goes to blue and black goes to black. Note that the pins only go in one way. Once the pins are inserted into the connector, push down the top cover on the connector. (See Figure 11)
27. Plug the female tail light connector back onto the male connector on the bike. Secure the connectors in the panel with tie-wraps if needed. (See Figure 12)

Finish & Test

28. Turn the bike power on and test tail light for running light and brake function.
29. Test function of the turn signals to make sure everything was re-installed properly.
30. Once tested, re-install the left side panel cover.
31. Re-install the bags.
32. Your Done, lets Ride!

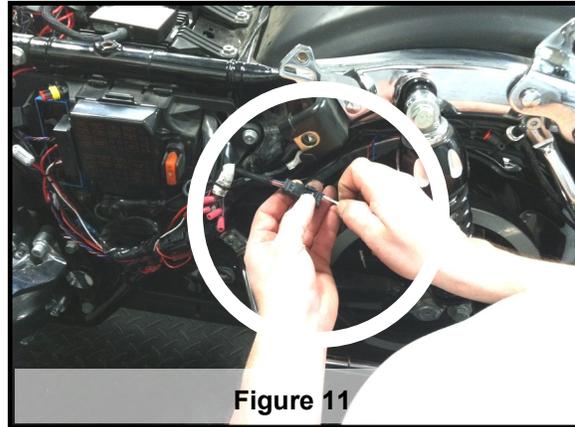


Figure 11

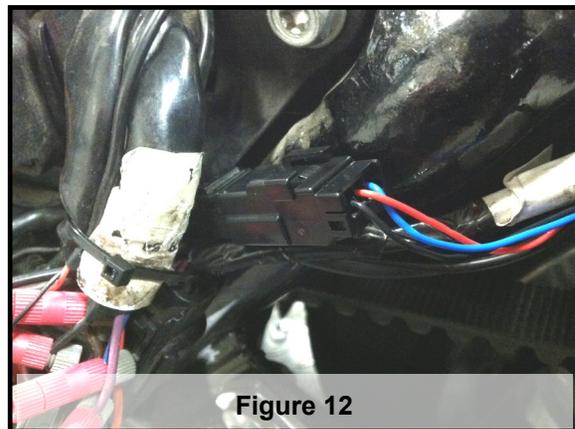


Figure 12



Figure 13