



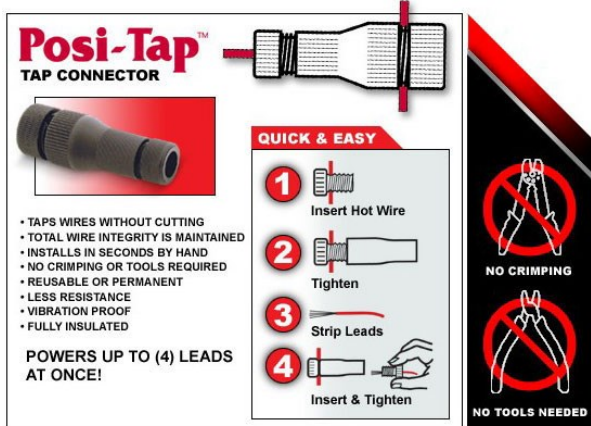
Custom Dynamics® TruFLEX® Breakout LED Light Bar Installation Instructions

We thank you for purchasing the Custom Dynamics® TruFLEX® Breakout LED Light Bar! 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:

- Chrome Array with TruFLEX LEDs (1)
- 3M Promoter Pack (1)
- ISO Alcohol Pad (1)
- Tie Wraps (10)
- Posi-Tap™ Connector (6)

Note: It is highly recommended you perform installation of the array in a controlled constant temperature of 70 degrees F or above to allow the 3M tape to properly adhere to the fender. Allow 24 hours before riding or washing the bike.



Pre-Installation

1. Remove seat from the bike. If unsure of this procedure, please refer to your HD service manual. Disconnect the Negative [-] battery terminal from the battery.
2. Remove the fender from the bike by removing the 4 torx bolts from the strut support. If unsure of this process, please refer to your HD service manual. (See Figure 1)
3. Once the fender is off the bike, remove the 4 bolts to the inner fender support, remove the support which will allow removal of the stock reflector and bracket. (See Figures 2 & 3)
4. Clean the underside of the fender and prep with the provided ISO alcohol pad to make sure all road grime, grease and dirt is removed.

Installation

5. Test fit the new array to find the appropriate mounting area, place under the fender and rest array against the bottom lip of the fender. Make sure it is centered, then mark the position with a pen or pencil for a guide.
6. Use one of the provided 3M Promoter Packs to prep the surface of the inside of the fender. Coat the surface and allow to dry for 4-5 minutes.
7. Remove the red backing from the 3M Tape from one end and fold out towards you enough to grab onto, then carefully adhere to the inside of the fender, making sure array is aligned to your markings you made earlier. Once the desired location is set, pull the rest of the red backing off slowly and press firmly on the array until completely adhered to the fender. Allow 24 hours before riding or washing the bike.

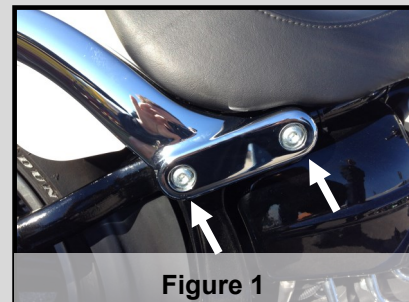


Figure 1

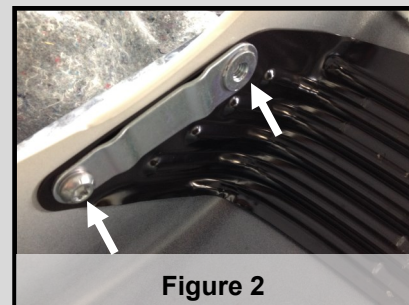


Figure 2

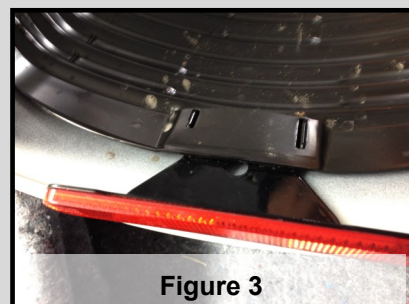


Figure 3

Questions? 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

8. Route both sets of wires up each side of the fender, then re-install the inner fender support. Your wires will rest in between the support and the fender. Take care to run the wires where there is optimal clearance between the two.
9. Route wires along the fender harness, attach with tie wraps where needed. Follow the harness to a pair of 4 pin connectors located under the seat. The connector with the Purple wire is the left turn brake and the connector with the Brown wire is the right turn/brake. (See diagram below).
10. Using the included Posi-Tap™ connectors (see Posi-Tap instructions on first page), attach the connectors to the wires in your harness, then trim any excess wire from light bar and attach to the other end of the Posi-Tap™ connectors. Using the following: (see wiring diagram below)

Left Side:

Ground=Black to Black
Running=Orange to Blue
Brake/turn=Red to Purple

Right Side:

Ground=Black to Black
Running=Orange to Blue
Brake/turn=Red to Brown

11. Once all connections have been made and are secure, reconnect the negative [-] battery terminal to the battery.
12. Test operation of the TruFLEX® Array in all modes, running, brake, and turn.
13. Your Finished, Let's Ride!

