



Custom Dynamics® LED Headlight Adapter Installation Instructions

We thank you for purchasing the Custom Dynamics® LED Headlight Adapter. 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 Numbers: CDTB-H42H9H11

Package Contents:

- Headlight Adapter Harness (1)
- Instructions

Fitment: 2014-2022 Harley-Davidson® Road King (FLHR), 2017-2020 Road King Special (FLHRXS) and 2020-2025 Freewheeler (FLRT).



ATTENTION

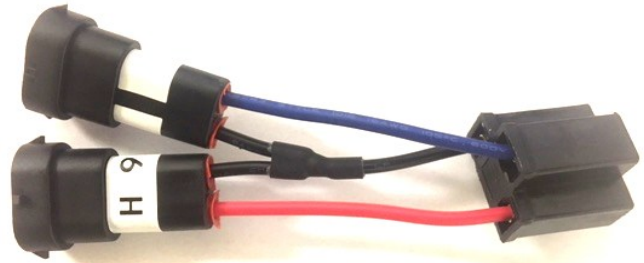
Please read all Information below before Installation

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

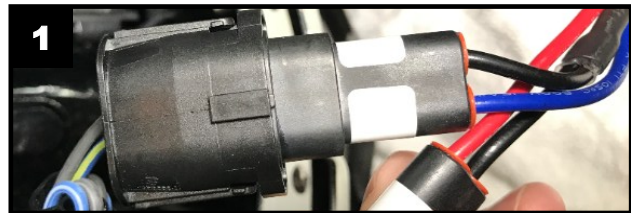
Function Note: The Halo function should be spliced in on the Position Lamp Connector (US Models) or to the Low Beam Positive Connector wire (HDI Models). The white wire will need to be extended depending on the location of the harness connector.

Important: Make sure no wires of the harness can be pinched during installation and that they will not be exposed to water spray, excessive heat or moving parts.

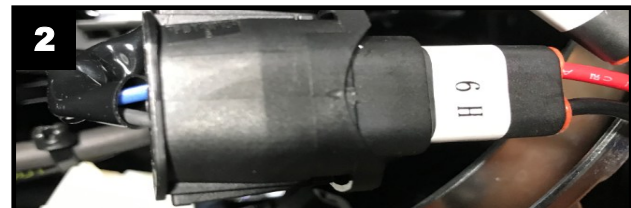


Installation:

1. With existing headlight removed from the motorcycle, plug the H4 connector on the adapter to the new headlight H4 connector.
2. Plug the adapter 2 pin **H11** Low Beam connector (blue and black wires) into the motorcycles headlight harness Low Beam connector (blue/yellow and black wires). Shown in **Figure 1**.



3. Plug the adapter 2 pin **H9** High Beam connector (red and black wires) into the motorcycles headlight harness High Beam connector (blue/white and black wires). Shown in **Figure 2**.



4. Confirm that the black ground wires align between the adapter and the motorcycles headlight connectors for both Low and High beam.
5. Test the headlight for proper operation.

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

Wiring Diagram

