



## Custom Dynamics® Handlebar Extension Wire Kit Installation Instructions

We thank you for purchasing the Custom Dynamics® Handlebar Extension Wire Harness. 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:** CD-BAR-EXT-6

**Package Contents:**

- 4" Handlebar Extension Wire Harnesses (2)



**Fits:** 2011-2020 Softail, 2012-2017 Dyna, All 2014-2020 Harley Davidson models (except VROD)

**Installation:**

1. Disconnect the negative battery cable.
2. Locate electrical connectors under the gas tank. Removal or repositioning of the gas tank will be necessary for this installation. Refer to service manual for specific instructions.

**Sportster Models:** Remove electrical caddy under gas tank to expose connectors

**Dyna Models:** Remove both rubber frame plugs to expose connectors inside the backbone.

**Softail Models:** unhook all connections to gas tank except cross-over. Slide gas tank back to locate connectors.



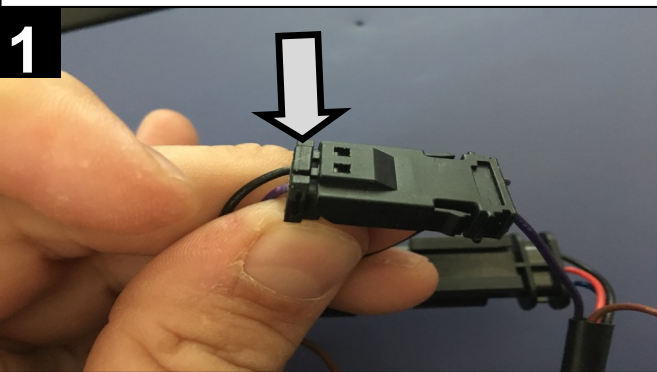
Please read all Information below before Installation

**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 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:** Motorcycle should be secured on a level surface for installation.

3. Disconnect both the 4-position JAE handle bar connectors and the 2-position JAE kill switch connector from the bikes harness by pressing on the tab on the male connector to release. Reference photo 1. The two position JAE is the kill switch for the right side hand control and will be located close to the 4-position JAE under the gas tank.
4. Plug the handlebar extension into each hand control harness. Route each side harness down the handlebars towards the bikes harness under the gas tank. The JAE connectors are normally small enough to route internally on most handlebars. (Do NOT cut and solder CAN BUS wiring).
5. Connect both left and right control harness and the two position kill switch connector to the bikes main harness.
6. Reinstall any parts that were removed to access the electrical connections.
7. Reconnect electrical connections and fuel lines for the gas tank and tighten all hardware to secure the tank.
8. Reconnect the battery and test the functionality of all handlebar switches.



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