



## LeverLockz™ Plug and Play LED Accent Light Kit Installation Instructions

We thank you for purchasing the Custom Dynamics® LeverLockz™ Plug and Play LED Accent Light Kit. Our products utilize the latest technology and highest 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: CD101**

### Package Contents:

- Weatherproof Push Button Switch w/Boot
- 1' 3M Double Sided Tape
- Weatherproof Fuse Holder w/ 3amp Mini Fuse
- 1' Black Wire, 18 AWG
- 1' Red Wire, 18 AWG
- Tie Wraps (10)
- Nylon Insulated Spade Terminals (2)
- 5 Position Cage Clamp Connectors (2)
- Butt Connectors (2)



**Fits:** Compatible with 12VDC systems with a negative ground.



## ATTENTION



Please read all Information below before Installation

**Warning:** Disconnect the 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:** Make sure the bike is parked on a level surface and bike's mechanical components are cool to the touch.

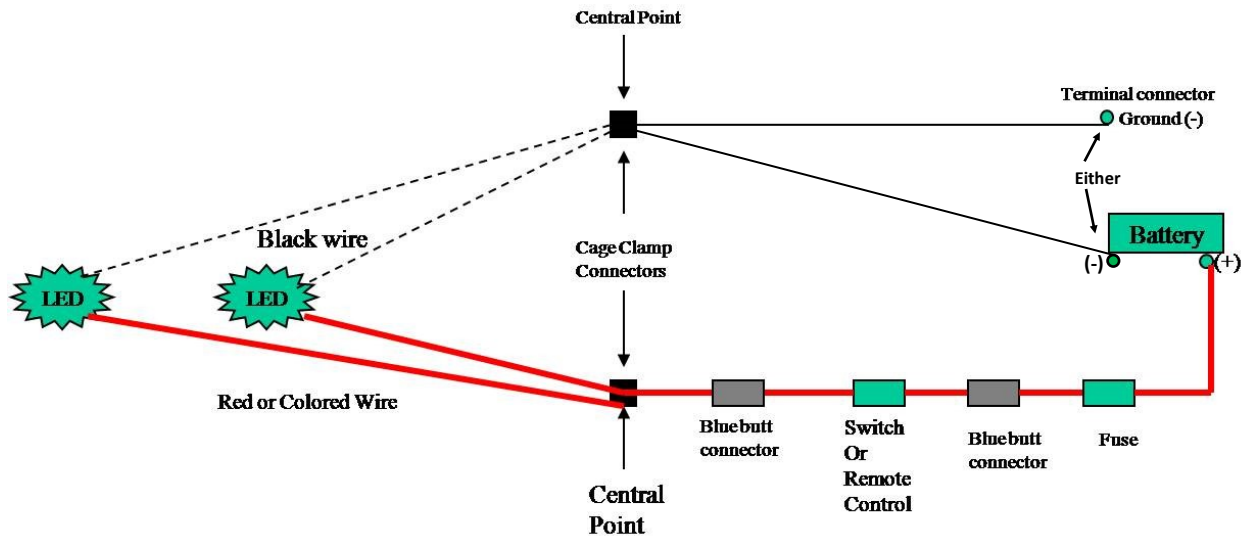
**Notice:** Always wear appropriate safety gear including safety glasses when soldering or performing any electrical work. It is highly recommended that safety glasses be worn throughout this installation process. Temperature of bike must be at least 60 degrees F. for tape to properly cure. Read all directions before starting project.

### Installation:

1. Select hidden locations to mount LED Accent Lights to provide best coverage.
2. Clean mounting locations with denatured alcohol.
3. Carefully remove backing from double sided tape and place light on selected mounting location. Press firmly and hold for 10 seconds. Repeat for all lights to be mounted on bike.
4. Select appropriate mounting location for push button switch. Ensure waterproof boot on switch. Wiring for the switch will be covered in steps 10 and 11.
5. Wiring diagram on page 2. Route both red and black wires from accent lights back to central points near battery compartment under seat. Route wires so that they not interfere with normal operation of bike. Cut off any excess wires, strip back insulation as required.
6. Select several locations to secure wires to frame. Secure wires using tie wraps provided.
7. Join all black wires from LEDs to Black wire using the supplied Cage Clamp Connector.
8. Take remaining end of 18 AWG black wire and route to frame ground on bike or negative terminal of the battery. Use terminal connector to connect to ground, insert wire and crimp.
9. Join all red wires from LEDs to remaining Cage Clamp Connector. Connect one end of Red 18 AWG into Cage Clamp Connector.
10. Connect one end of push button switch to 18 AWG Red with Blue butt connector., crimp wires in butt connector.
11. Connect remaining end of push button switch to one end of fuse holder with a blue butt connector, insert wire and crimp.
12. Place remaining spade terminal on remaining wire of Fuse holder. Crimp wire in terminal connector.
13. Connect end of Fuse holder with terminal to Positive (+) side of battery. Take necessary precautions when making connection and refer to bike's owner's manual.
14. Secure any remaining wires with tie wraps.
15. Heat all heat shrinkable connectors with heat gun or hair blow dryer such that tubing shrinks around wires.
16. Reconnect negative battery terminal to negative side of battery taking necessary precautions not to touch positive side of battery or any positive cable.
17. Place fuse in fuse holder and replace cover.
18. Turn on switch and check operation of all lights. Allow double sided tape to bond for 72 hours before exposing to water.

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

## Custom Dynamics® CD101 LED Accent Light Installation Kit



### Cage Clamp Instructions



Open the clamping point using one of the small orange colored levers so that the lever engages and keeps the clamping point in its opened position.

The stripped wire can then be inserted into the clamping unit. When this is accomplished, the lever should be returned to its closed position flush with the terminal block housing. This reliably prevents accidental unclamping of a connected wire.



Strip wire 9 - 10 mm. Use the stripped wire gauge on the back of the connector to verify correct strip length.



Connection: Push up lever and insert conductor . . .



. . . then push down lever to its closed