



## SHOCK & AWE® 2.0 ENGINE STARTER KIT

### Parts Included:

1	Bluetooth Controller
9	3" LED Flex Pods
6	8" Wiring Extensions
3	Y-splitters
1	Installation Kit

### INSTALLATION INSTRUCTIONS:

1. Park on a level surface and shut off the motorcycle. Ensure the engine has time to cool before installation.
2. Download *Ciro Shock and Awe* app from the Apple iTunes or Google Play store to utilize Bluetooth features. For instruction on how to use the app, search "Ciro Shock and Awe App Tutorial" on YouTube.
3. Remove seat.
4. Determine 12 volt power source that is either constant or switched, depending if you would like *Ciro Shock & Awe* LEDs to always stay on or turn off with the motorcycle.  
Note: The Bluetooth controller will draw about 30 milliamps in standby mode. Without use of a battery trickle charger or periodic starting of the engine, slight battery drain may occur. You can wire controller to key-on power on the motorcycle if battery drain is a concern.
5. Connect controller harness to your choice of power source and mount in desired location. Reference pictures for recommended locations. Red ring terminal to positive 12v source, and black ring terminal to negative ground. Before applying switch adhesive, wipe area clean with an ammonia-based cleaner and allow to dry. A clean surface ensures better adhesion. Firmly hold in place for 60 seconds. Adhesive fully cures within 24 hours.
6. The controller will support up to 3 separate lighting channels controlled through the APP. The outputs of the controller vary in length, the shortest being channel 1, the mid-length is channel 2, the longest output is channel 3.
7. Temporarily connect a LED flex pod to each of the channel you intend to use. Test the function of each through the use of the APP. Be sure to understand the functions will be suitable for your intended locations.
8. Determine placement for the LED flex pods on your motorcycle. Temporarily position the LED flex pods in place with customer supplied masking tape or other suitable method.
9. Route wiring extensions to LED flex pod locations. Place a small amount of dielectric grease on each connector before plugging in. Reference pictures for recommended locations. If placing strips and pods in the recommended air cleaner and horn locations, use included y-splitters.  
Note: Throughout the wiring process, leaving the power source on will guarantee that power is reaching all strips and pods. Do not allow the wires to contact hot surfaces or other possible pinch points. Damaged wires are the most common type of problem experienced and can lead to unexpected results.
10. Make final adjustments to LED flex pod locations and wire paths. Prior to adhering LED flex pods, use ammonia-based cleaner to wipe away any dirt and allow to dry. Press LED flex pods firmly into position, hold for 60 seconds.
11. From the installation kit; use adhesive backed cable tie mounts and cable ties as necessary. Additional pieces of adhesive and clips can be used to hold wires and connectors in position on the motorcycle.
12. (Optional) To utilize the brake override function connect loose red wire of the controller to the brake light circuit of the motorcycle using supplied posi-tap connector or other suitable method. A factory service manual or test light may be required to identify the proper connection location.
13. Reinstall seat.

### WARNING:

This indication alerts you to the fact that ignoring the contents described herein can result in potential serious injury or death if not followed.

### CAUTION:

This indication alerts you to the fact that ignoring the contents described herein can or will result in material damage and/or personal injury.

### ATTENTION:

This indication alerts you to the fact if you ignore this detail you will affect the performance or functionality of the product.

All *Ciro* products are designed for "easy assembly" and/or "plug and play". We recommend a competent mechanic install our products, using standard mechanical procedures to assure a safe and successful installation.

### NOTE:

*Ciro*® warrants that products sold hereunder to the original purchaser, if maintained and operated under normal conditions, shall be free from any defects in materials and workmanship for a period of (3) years from date of purchase, and a lifetime warranty against LED failure.

*Ciro* will have no obligation if the customer cannot show proof of purchase.

Warranty will not be granted unless the part is properly installed and maintained.

*Ciro* will not be liable for any consequential and incidental damages, including labor, or non-*Ciro* products.

Please visit our website [Ciro3d.com](http://Ciro3d.com) for our complete warranty policy.



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## OPERATION INSTRUCTIONS

The light system can be either operated through the physical controller or through the downloaded APP.

Here is an overview of the functions of the physical controller:

The small round button will cycle the lights ON-OFF. This button can also be used to put the system into “sleep” mode or reset the entire system.

Sleep mode:

-To enter sleep mode, press and hold the button for approximately 3-5 seconds. The lights will flash indicating sleep mode.

-Once in sleep mode, the motorcycle cannot not be found through Bluetooth; this minimizes any possible battery drain. The lights cannot be controlled through the APP in sleep mode.

-A simple short press of the button will take the system out of sleep mode and be discoverable again.

Factory reset:

-Press and hold button for 10+ seconds, the lights will flash.

-This forgets all Bluetooth settings, and system would need to be rediscovered through the APP.

The round dial can be used change modes and settings. Push the end to change modes, turn dial to select setting.

There are 5 modes.

1st click of dial: BRIGHTNESS SETTING - turning the dial will select the brightness level.

2nd click of dial: COLOR SETTING - turning the dial will select a color and the previous brightness level.

3rd click of dial: FLASH SETTING - turning the dial will select a flash speed of the previous color and brightness.

4th click of dial: PAINT MODE - This will cycle through a rainbow of colors at the previous brightness. Turning the dial will select the speed which they change.

5th click of dial: APP MODE – This puts system into the last mode the APP was set to.

Additional clicks will cycle back through 1-5 above.

The APP can be used to control a variety of additional features, please see the website or online videos for additional explanation.

NOTE: When used; the APP will override any settings of the physical controller.

## FCC INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

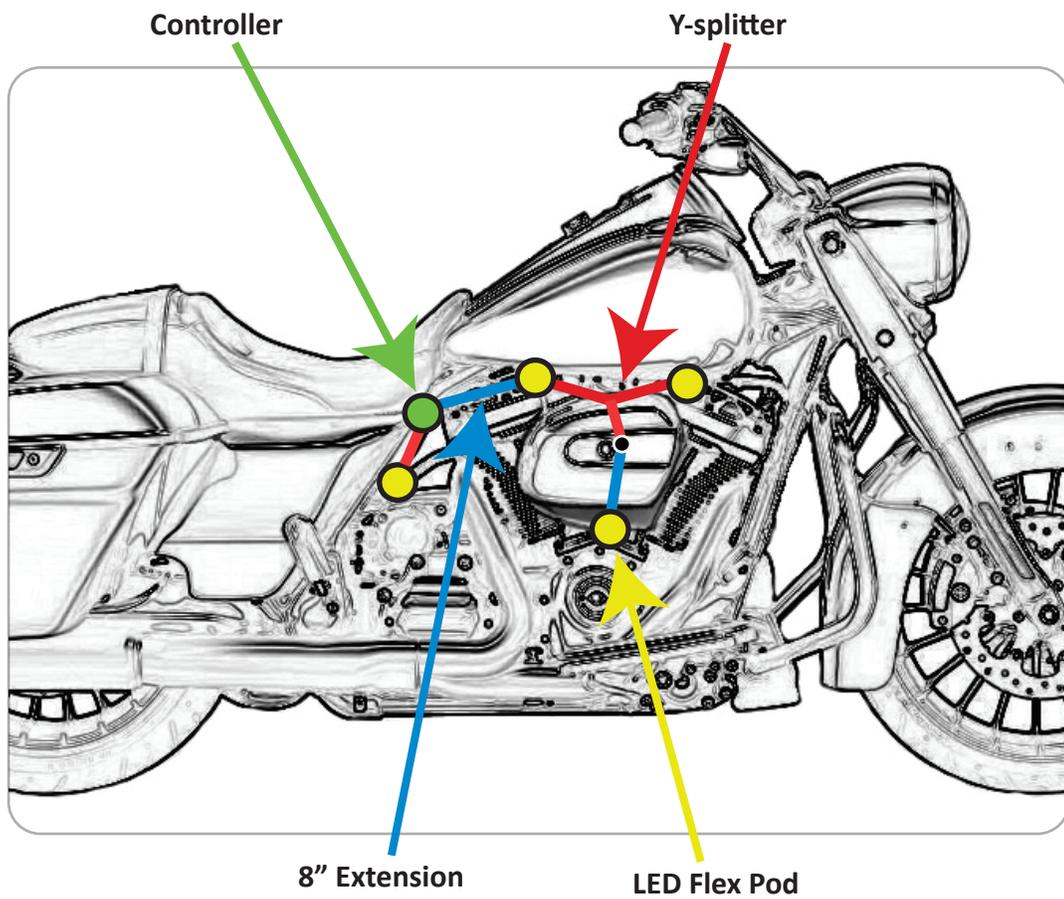
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

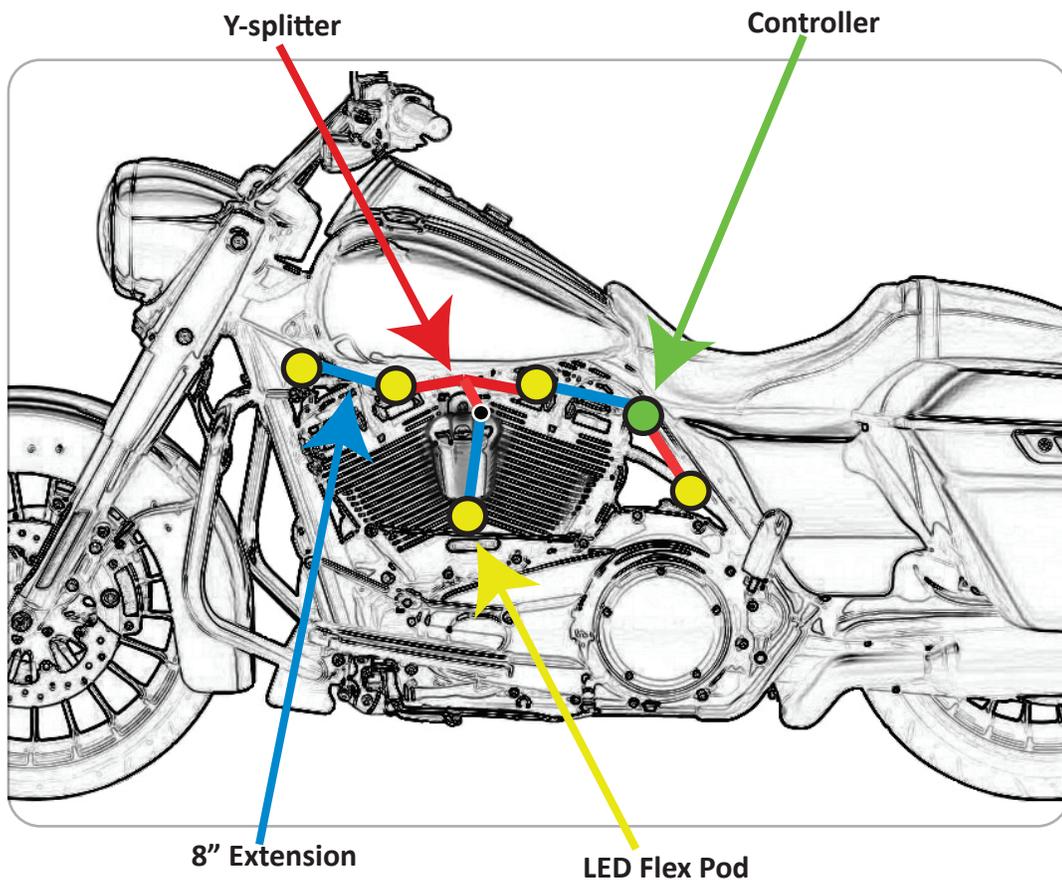
Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

## FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

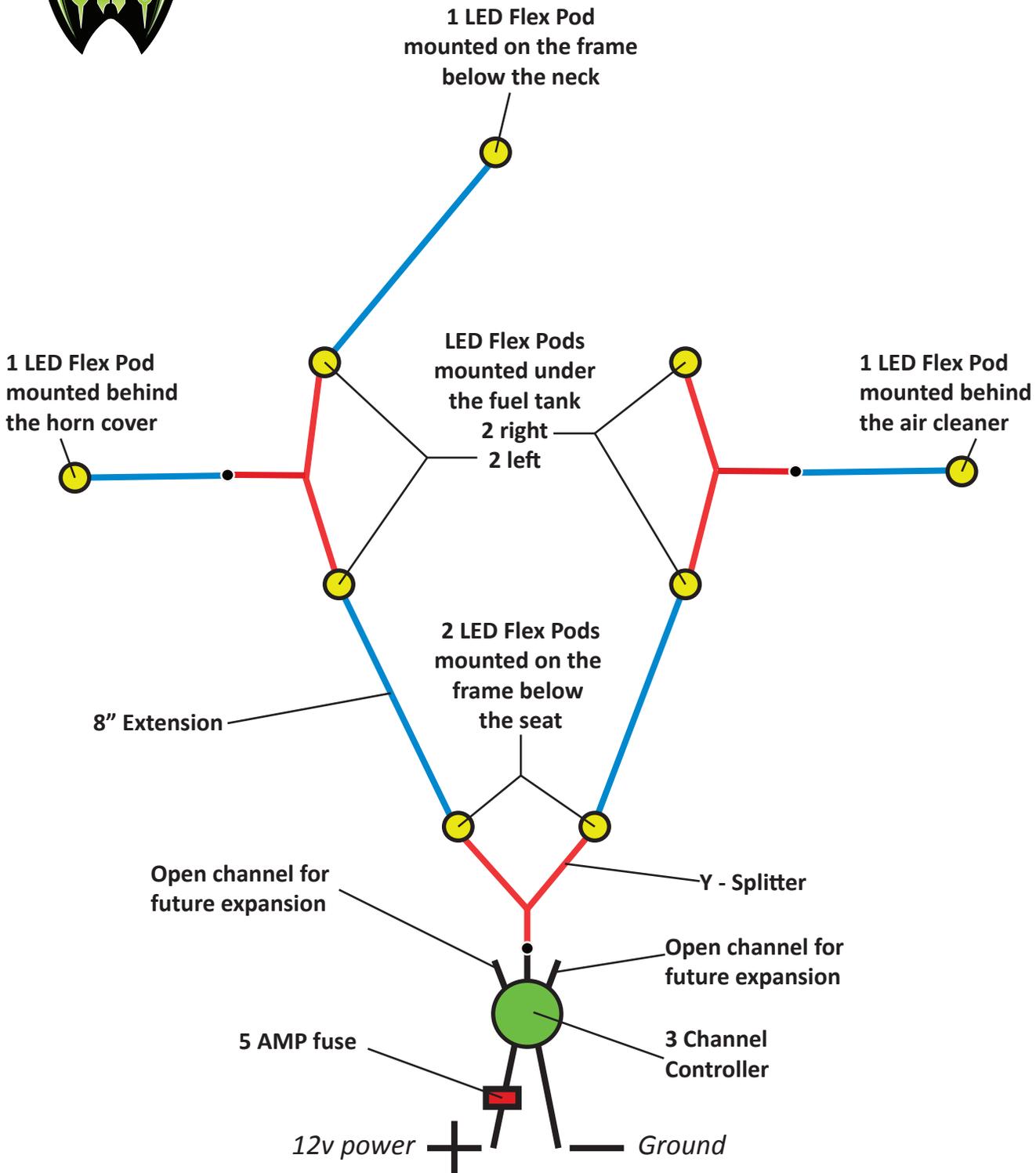


- These pictures show one controller viewed from both sides of the motorcycle.
- Use a Y-splitter plugged into the Controller to run the left and right side lights.
- The pod located under the neck of the motorcycle is mounted in the center.





## FRONT OF MOTORCYCLE



- This schematic shows the same layout seen on *PAGE 3*.
- This is a suggested layout, your preferences may be different.
- P/N 41031 contains the components to produce this layout, and a few extra parts.
- Additional LED Flex Pods / Strips and wiring components are available at [CIRO3D.COM](http://CIRO3D.COM).