# SHOCK & AWE EVOLVED™ LIGHTING KIT FOR GOLD WING

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 ensure a safe and successful installation. Read completely and understand the instructions prior to starting installation.

NOTE: Ciro products are designed and manufactured under very strict quality control. Ciro warrants that products sold to the original purchaser shall be free from any defects in materials and workmanship for a period of 3 (three) years from the date of purchase, and a limited 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, unmodified and maintained. Ciro will not be liable for any consequential and incidental damages, including labor, or non-Ciro products. Please visit Ciro3d.com for our complete warranty policy.

Included Items:



**Installation Instructions:**

1. Park on a level surface and shut off the motorcycle. Lift the motorcycle onto the centerstand if possible. Ensure the engine has time to cool before installation.

2. Open the saddlebags and remove the side covers by pulling away from the motorcycle with steady pressure.

3. Remove the seat by removing the socket head screws on both sides near the front of the seat. Unclip the seat warmer plug on the right side and disconnect. Pull up on the seat at the front and slide forward to remove.

4. Each channel is tagged, one through four, the 4 pin connectors at the end are for the optional turn signal and brake functions Fig. 1. In this install, channel one was used for the right side and channel two for the left side. Channels three and four can be used with additional lights. Each channel can operate independently or in unison. All four channels see the LED pods in order from one to a maximum of sixteen. This is important to keep in mind in particular when using the chase mode as the LED pods will follow the order in the chain. See the reference diagrams on page 5 for a basic install.

5. With battery exposed, loosen the positive post and install positive ( red wire) for the controller. Install negative (black wire) under the negative post and tighten screws. Fig.2

6. Connect fused power plug on the Shock & Awe EVOLVED™ controller to the battery connection just installed shown in Fig. 3. Temporarily connect an LED pod to each of the four channels. Test the function of each through the use of the app. Be sure to understand the functions will be suitable for your intended locations.

Fig.1



Fig.2

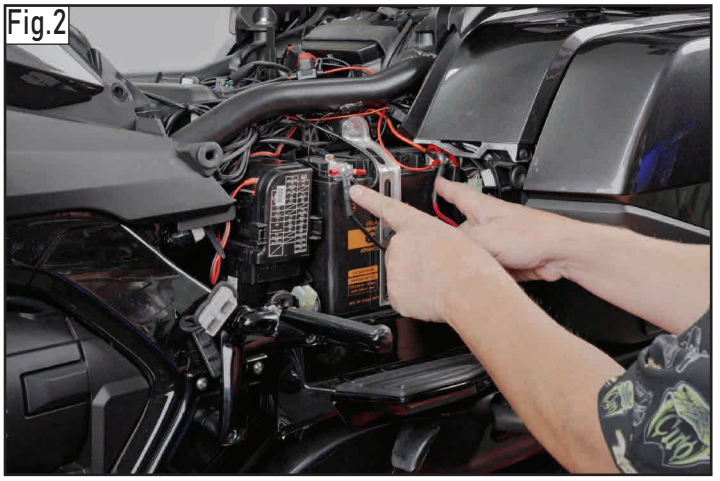
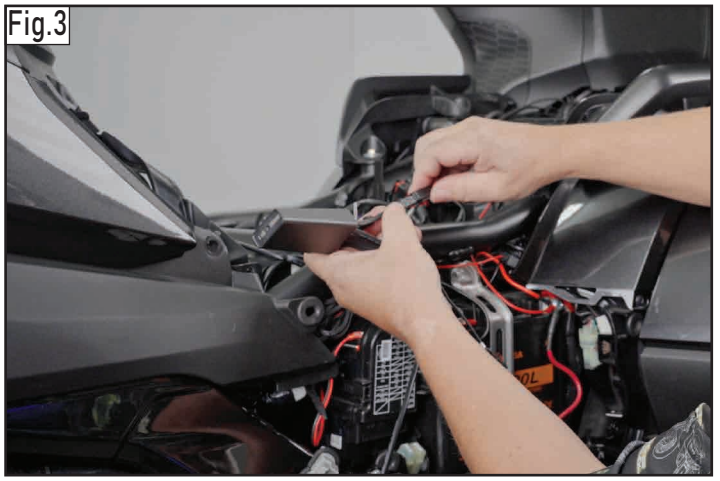


Fig.3



7. Clean all areas where lights are to be applied with an ammonia based cleaner to remove any dirt or wax.

8. Start with one of the 48" extension wires and plug into channel one to start the right side. Feed the other end of the wire down behind the saddlebag by taping the end of the wire to something like a paint stick or similar (Fig. 4) to have it come out at the bottom of the saddlebag at the rear of the motorcycle. Fig.5

9. Determine placement for the LED pods on your motorcycle. Temporarily position the LED pods in place with (customer-supplied) masking tape or another suitable method. When adding another light pod the light will not automatically turn on. You need to turn the power button off, then on again to cycle through so the controller can find the new light.

10. Route wiring extensions to LED pod locations. Place a small amount of dielectric grease on each connector before plugging in. Reference pictures for recommended locations. NOTE: throughout the wiring process, leaving the power source on will guarantee that power is reaching all 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.

11. Connect two LED pods under saddlebag and adhere each pod to the underside of the saddlebag. Attach 30 inch extension plus 8 inch extension.

Fig 4

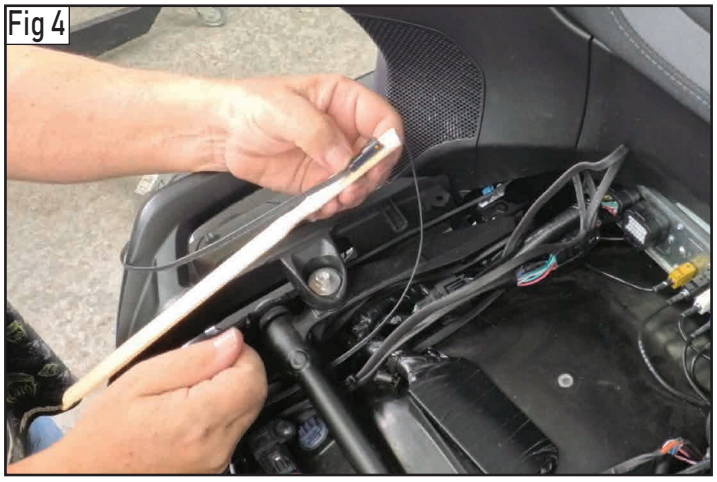


Fig.5



Fig.6



Fig.7

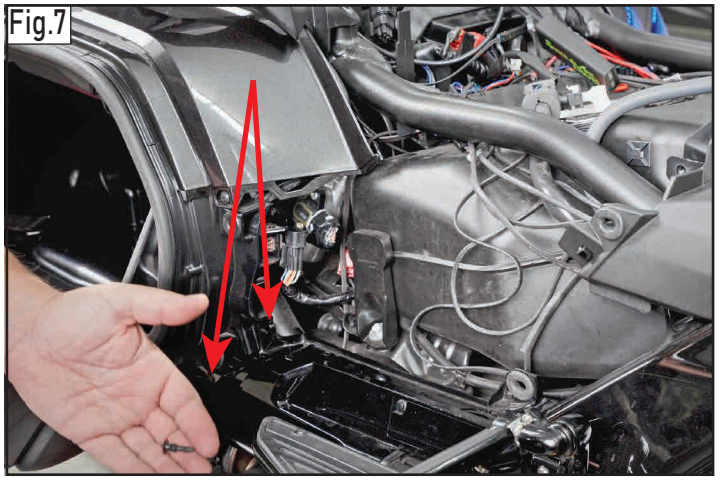
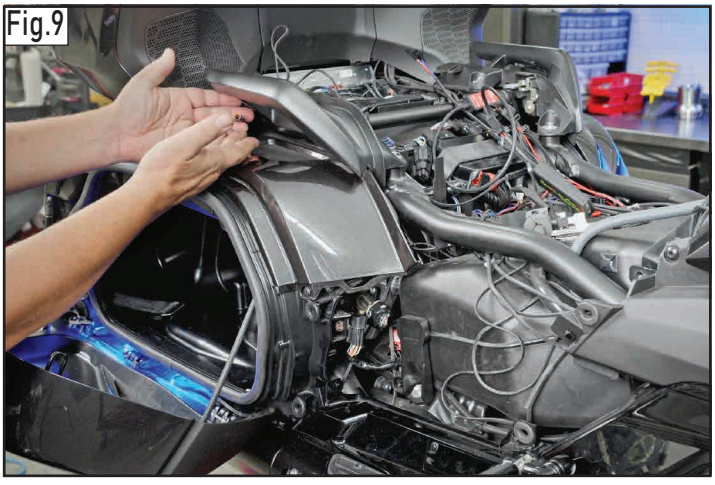


Fig.8




Fig.9



12. Remove two pushpins indicated in Fig. 7 and set aside. Pull frame cover slightly out to fit wire behind frame cover. Make sure wire is free and moveable before replacing pushpins.

13. Run wire up through top frame tube and bring to grab handle area. Wire should come from behind and position towards front of motorcycle. Attach LED pod to the wire, clean underside of grab handle and adhere pod. Add 22 inch extension and run under frame down toward side cover. Turn side cover over and remove inner panel by removing three scews indicated in Fig. 11. Attach light to area indicated in Fig. 12. Flip inner back over and replace screws.

14. Remove two engine cover screws indicated in Fig. 13. Run wire behind frame into engine area. Leave slack in side cover area to ease side cover removal. Add LED pod plus Y-splitter. Y-splitter is optional, but if you have engine panel lights you can attach one lead on the Y-splitter and the other going forward into radiator area. Y-splitter will make both lights act as one. Adhere LED pod to underside of frame over engine. Add LED pod to Y-splitter that will be placed in the radiator area. Remove two screws on fairing panel behind radiator grill. Use nylon pry tools to remove side panel to snap off. If you have Twinart grill cover, remove three screws on grill and set aside. Remove screw plus one pushpin at front of fairing to loosen side, indicated in Fig. 14. Add 22 inch extension at end of light and insert wire and light inside. After cleaning adhere light to ledge.

15. Run extension wire up front behind fairing and up to the top of the fairing. Add LED light pod and adhere light to top inside right side of fairing. Add 22 inch extension and run extension down brake line, attach cable ties to brake line.

16. Remove fender screws on both sides and remove fender. Turn fender over and clean thoroughly. Adhere light pod on each side of inside of fender. See placement of light pods shown in Fig. 17. Be sure to have male end of light pod facing to the rear of the motorcycle. Put dead head plugs into end of pod underneath fenders and use wire keepers to keep wires tight against inside of fender. Use sticky pads to adhere connectors to fender. Tape fender mount brackets to keep bushings from popping out when replacing fender mount screws. Fig. 21

17. Repeat steps 7 through 15 on other side of motorcycle. Secure all wiring using provided cable ties and wire keepers. Replace side covers and seat.

Fig.10

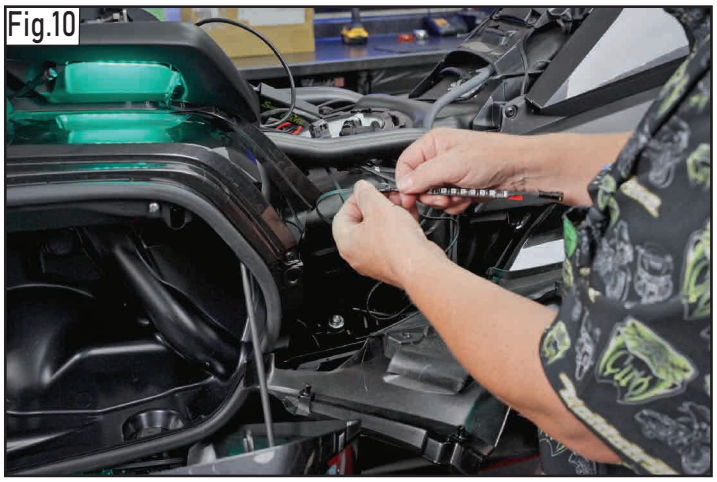


Fig.11

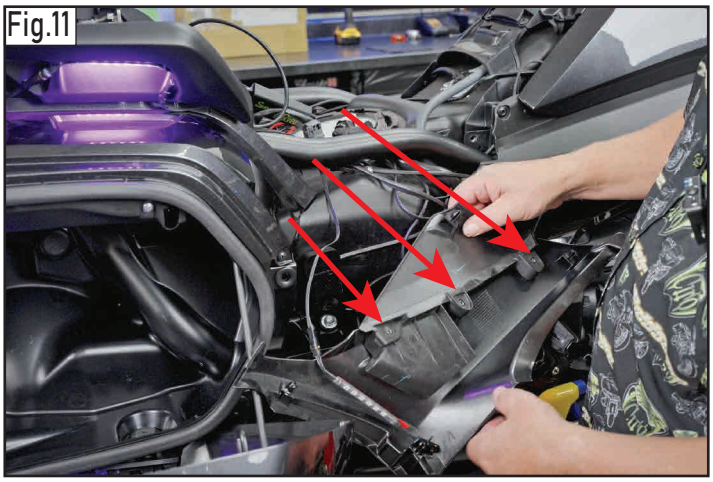


Fig.12

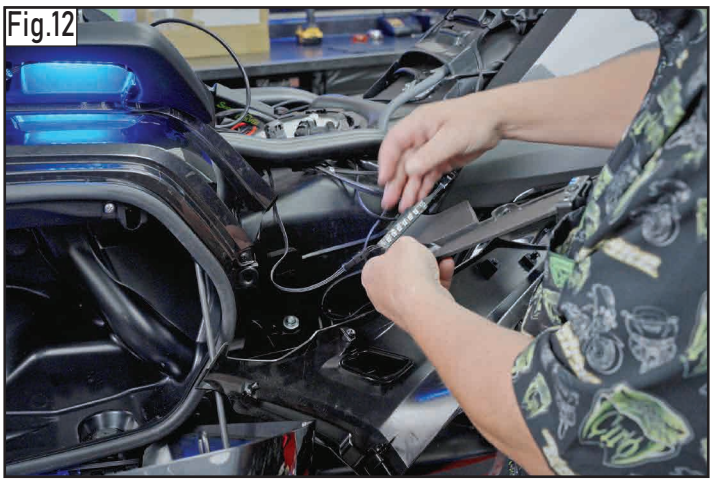


Fig.13



Fig.14

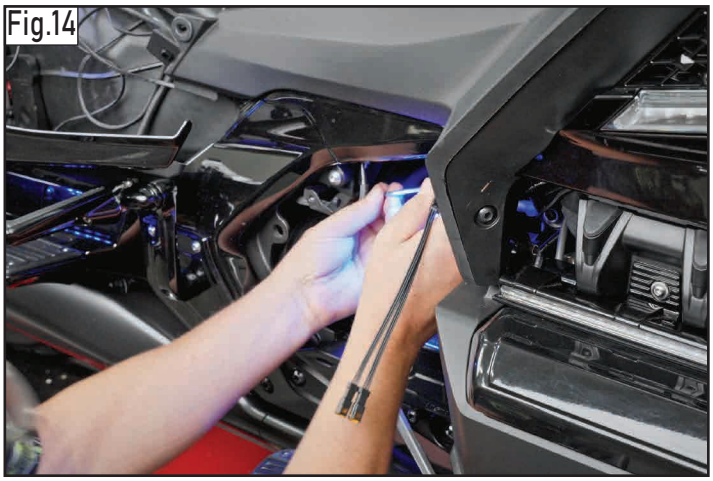


Fig.15

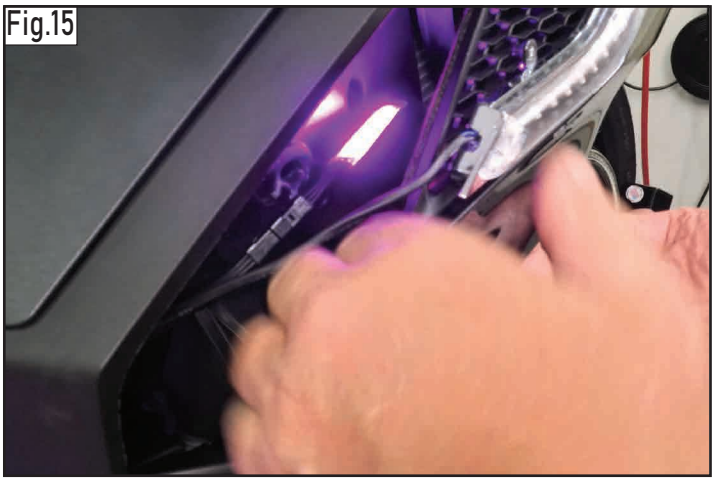


Fig.16

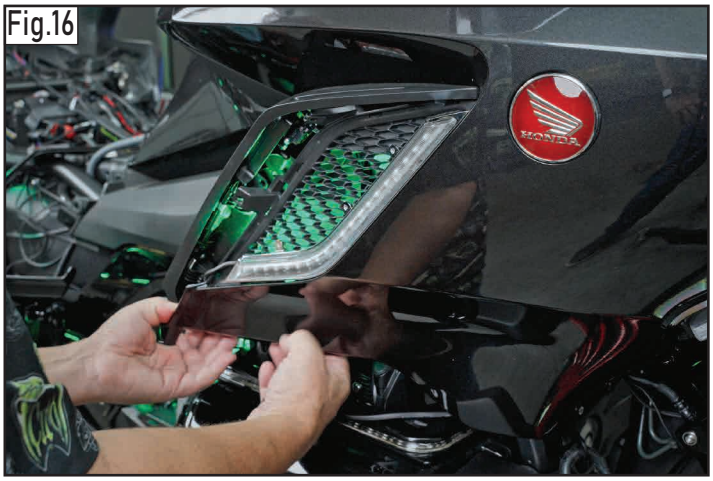


Fig.17



Fig.18



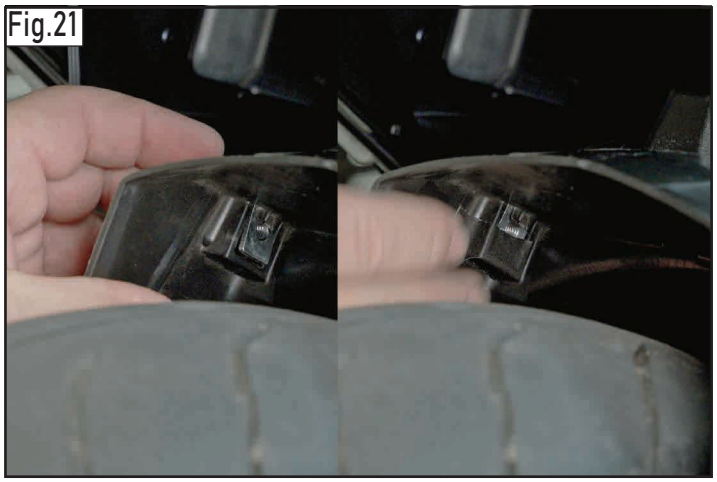
Fig.19



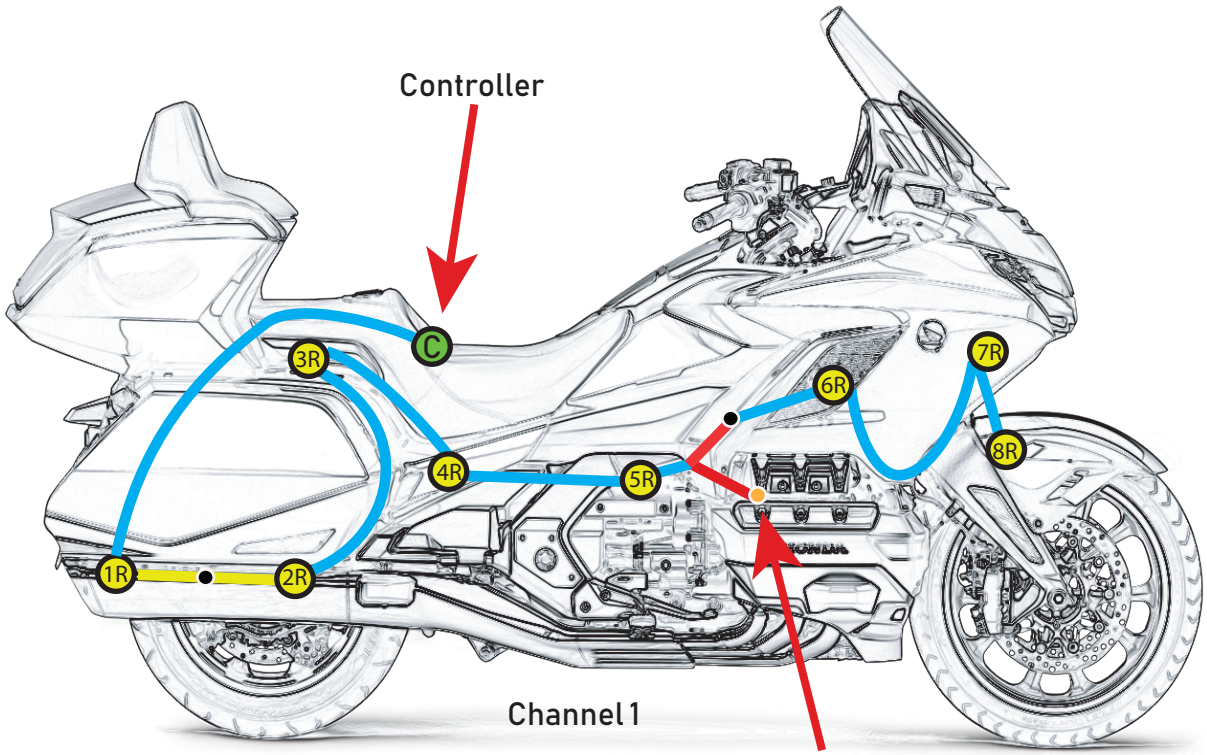
Fig.20



Fig.21



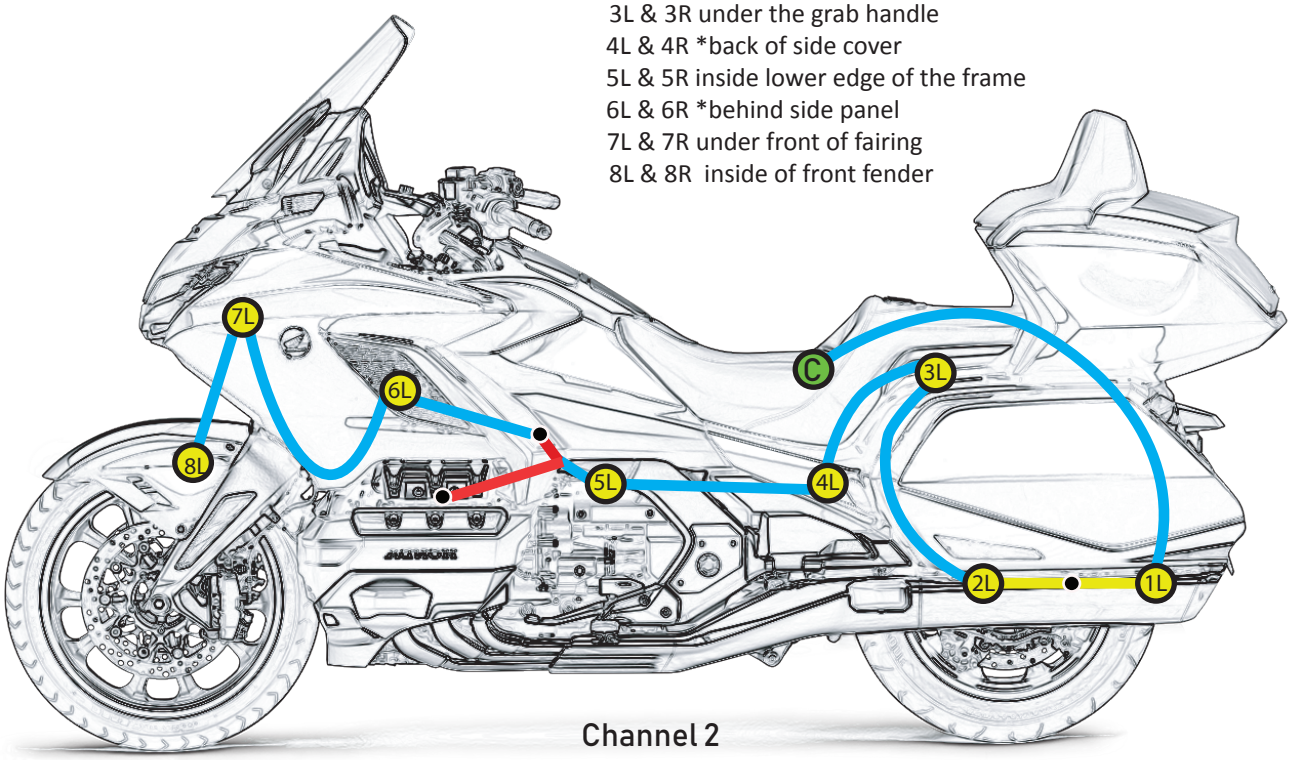
- This is a suggested layout, your preferences may be different.
- P/N 48331 contains the components to produce this layout, and a few extra parts.
- Additional LED Pods / Strips and wiring components are available at *GOLDSTRIKE3D.COM.*




Optional LED strip #48856 fits behind LED Lighted Engine Panels (sold separately)

- The system shown uses a separate channel to run the left and right side lights.
- The controller is connected to the battery and placed under the seat.
- LED Pod placement. *requires panel removal.

1L, 2L & 1R, 2R bottom of saddlebag
3L & 3R under the grab handle
4L & 4R *back of side cover
5L & 5R inside lower edge of the frame
6L & 6R *behind side panel
7L & 7R under front of fairing
8L & 8R inside of front fender



# Manual Controller Functions

## Button:

- **Tap:** Toggles standby mode on/off.
- **Press and hold (5 seconds):** Powers off the device (indicated by 3 red flashes).
- **Press and hold (10 seconds):** Resets the device. Hold for the initial 5 seconds until 3 red flashes appear, then holding for another 5 seconds until 3 white flashes appear before releasing.

## Rotary Dial: Tap to switch between modes

1. **Consistant color mode**
2. **Color change:** Rotate to select the desired color.
3. **Flashing mode:** Rotate to adjust the flashing speed.
4. **Breathing mode:** Rotate to adjust the breathing speed.
5. **Rotating colors:** Rotate to adjust the rotation speed.
6. **Motion mode:** Rotate to adjust the motion speed.
7. **Last programmed function:** Recalls the most recently used app setting.

Scan the QR code below to unlock more advanced options with the free-to-download Ciro® Central Hub app. With this app you can control Shock & Awe EVOLVED™ with your iOS or Android device.

Shock & Awe EVOLVED phone control brings the ultimate control to your lighting. With endless customization you can save favorite light shows, set custom lighting zones, flash lights to music, and more. The app can be set up for a basic user that simply wants a preset light show, or for an advanced user that desires full control, down to controlling a single light pod on your motorcycle.

**For detailed installation videos go to Goldstrike3d.com**

FCC STATEMENT Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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. 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, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.