



**clearwater**  
**LIGHTS™**



## Installation Manual

Kawasaki Concours 1400

**Krista, Erica, Sevina LED Light Kit**

Dimmable

*Patent Pending*



Made in USA

# Parts List

*Please be sure to read our instructions thoroughly before attempting installation.*

Please review entire manual before starting. Verify your kit is complete and agrees with kit below. If something is missing, please call us at (916) 852-7029.

## E-K 20 Kawasaki Concours Mirror Mount

2 Krista/Erica/Sevina Lights

2 Mod Bracket



### B120 - HARDWARE BAG

2 653 - Concours Puck



2 M10 x 20 HH



2 M10 Lock Washer



6 M4 x 35 SH



4 M8 x 16 BH



4 M8 Washer



### B721 - KES UNIVERSAL HARNESS BAG

KES Wiring Harness

### B709 - KES POT BAG:

1 Pot Assembly



1 M6 x 10 BH



1 M5 x 30 SH



1 L Bracket



1 M5 Flat Washer



1 Spacer #7



1 Plastic Plug



### B821 - KES CONNECTION BAG

3 Posi Tap



12 6" Zip Ties



1 Ring Terminal



2 Female Spade



1 Switch



### B705 - HORN RELAY BAG

1 Relay



1 Posi lock



1 Posi-Tap



Last updated: 9/4/20

Clearwater lights include a simple and high quality means of connecting to the motorcycle's electrical system. "Posi" devices made by Posi-Products are used to securely and safely make electrical connections on the bike. You can view instructions on the proper installation of the Posi-Products on the manuals page of our website or on Posi-Product's web site at <http://www.posi-lock.com>. They simply screw together and mate the wires.

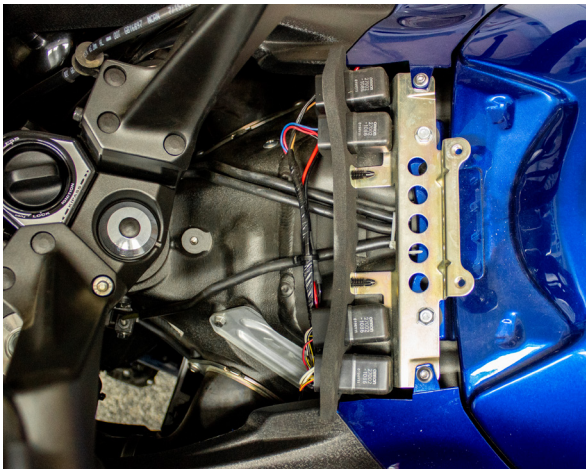
# Disassembly

## Bike Preparation:

- First, park the motorcycle on hard pavement or concrete to insure the bike will be stable during the installation. If you can mount the bike on a stand with tie-down straps, this will help secure the motorcycle.
- Follow the manufacturers guidelines for disconnecting the battery. This is important to prevent damage to the electrical system.

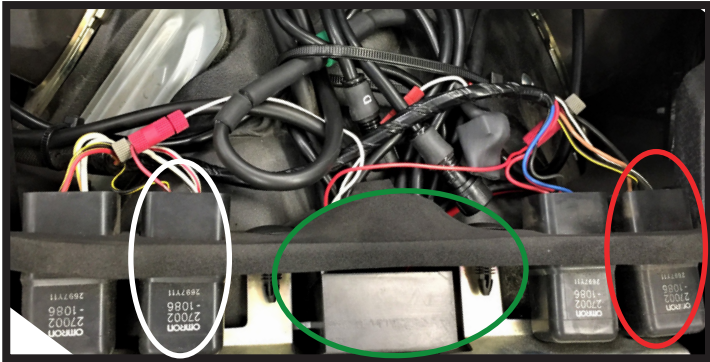
## Disassembly:

- Minimal disassembly is required. Removal of the side panel cover and center cover to access the Kawasaki headlight connector is required. Follow the pictures below for locating the points of disassembly.



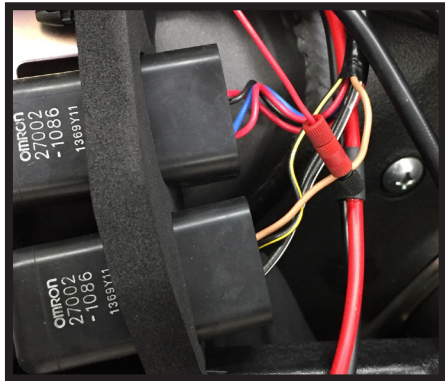
# Wiring

The Clearwater Lights harness should be mounted in the middle of the four relays located in front/on top of the tank (green circle on photo below). The signal wires can be found under the top cover where the four relays are located. Use the provided Posi-Taps for this application.



## Switched hot

Posi-Tap the red wire from the Clearwater Lights harness to the orange wire of the relay on the right-most relay (red circle on photo above) of the relay cluster. This will allow the Clearwater Lights to turn on and off with the key.



## High Beam

Posi-Tap one of the white wires from the Clearwater Lights harness to the red/black wire of the #2 relay from the left side (white circle on photo above) of the relay cluster. This will allow the Clearwater Lights to go to full when the high beam is turned on.





# Wiring

## Horn Feature

The horn feature allows the Clearwater Lights to go to full bright when the horn is pressed. Installation of this feature utilizes the included isolation relay to send the trigger-signal to the Clearwater Lights harness to momentarily override the dimmer setting and send the lights to 100% bright.

The horn is mounted directly in front of the radiator, below the beak in the front of the bike. To install this feature, the red wire from the isolation relay should be tapped using the provided Posi-Tap to the black wire at the horn. The black wire of the isolation relay should be Posi-Tapped to the brown wire of horn.

Follow the photo below.



# Mounting The Switch and Dimmer

## Mounting The Switch

- Any location can be used for the switch, be careful not to interfere with movement of front forks. Refer to the steps below if you need assistance.
- On left side of dash there is a round plastic blanking cover.
- Drill 9/32" hole in center of blanking cover.
- Insert the flush mount switch



## Mounting The Dimmer (Handlebar)

- If possible, the dimmer should be mounted at an existing fastener point on the left side of the handlebar cluster.

If a flush-mounted dimmer was requested/included in your kit, mount it next to your switch that was panel mounted.



# Mounting The Lights

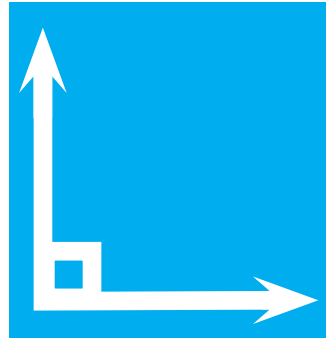
## Under Mirror Mount:

- The Clearwater Lights Concours Puck mount is easy and seamless. Utilizing the three hole pattern on the bottom of the mirror, the puck adapts this pattern to a M10 threaded hole. Follow the pictures below for assembly.



## Aligning the Lights:

Adjustment is up to the user depending on your needs. Ask an assistant to help you with this procedure. Make sure the bike is on level ground and have an assistant sit on the bike. Use a bubble level to set the lights such that the face of the light is perpendicular to the ground. You may find that a slight downward angle (5 degrees) is helpful. Often times it is helpful to angle the right side light toward the right side of the road. This helps with identifying road terrain and potential critters.



# Wiring Diagram

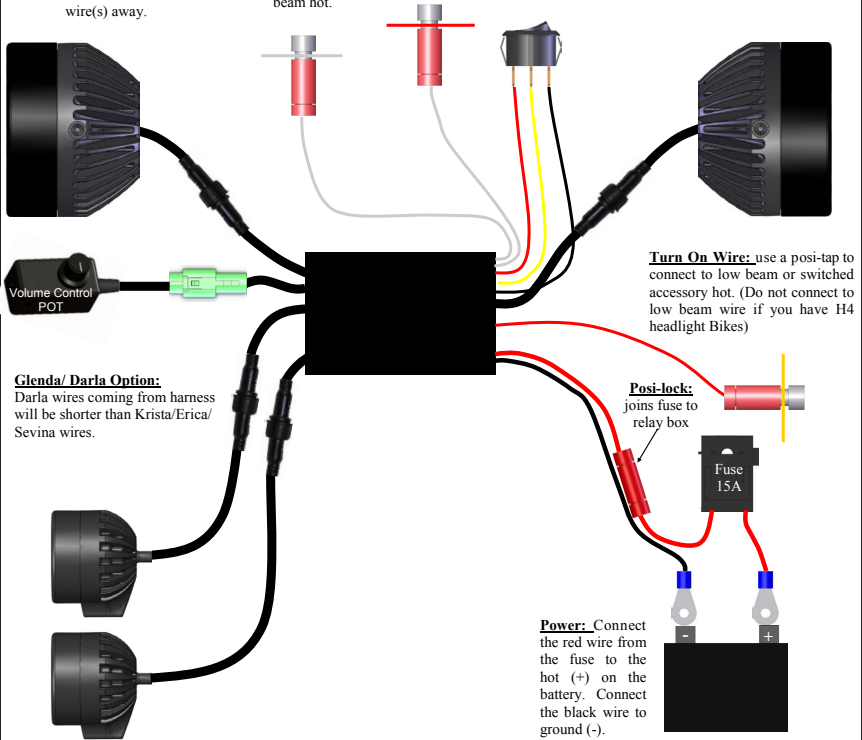
## Wiring Diagram for Krista/ Erica/ Sevina

**Note:** it does not matter which white wire you hook up to the horn or high beam. Both trigger the same way. If you do not want the high beam or horn option, just simply tuck the unused white wire(s) away.

**High Beam Option:** use a posi-tap to connect one of the white wires to the high beam hot.

**Horn Option:** use a posi-tap to connect the other white wire to the horn hot.

**Switch:** Connect the Yellow wire marked "Switch Load" to the "load" terminal (Middle terminal) on the switch. Connect the Red wire marked "12V+ to switch" to the "supply" terminal (Opposite side of the LED light terminal) on the switch. Connect the Black wire marked "Ground" to the "earth" terminal (Under the LED light terminal) on the switch.



**Turn On Wire:** use a posi-tap to connect to low beam or switched accessory hot. (Do not connect to low beam wire if you have H4 headlight Bikes)

**Glenda/ Darla Option:** Darla wires coming from harness will be shorter than Krista/ Erica/ Sevina wires.

**Posi-lock:** joins fuse to relay box

**Power:** Connect the red wire from the fuse to the hot (+) on the battery. Connect the black wire to ground (-).

8/3/2018



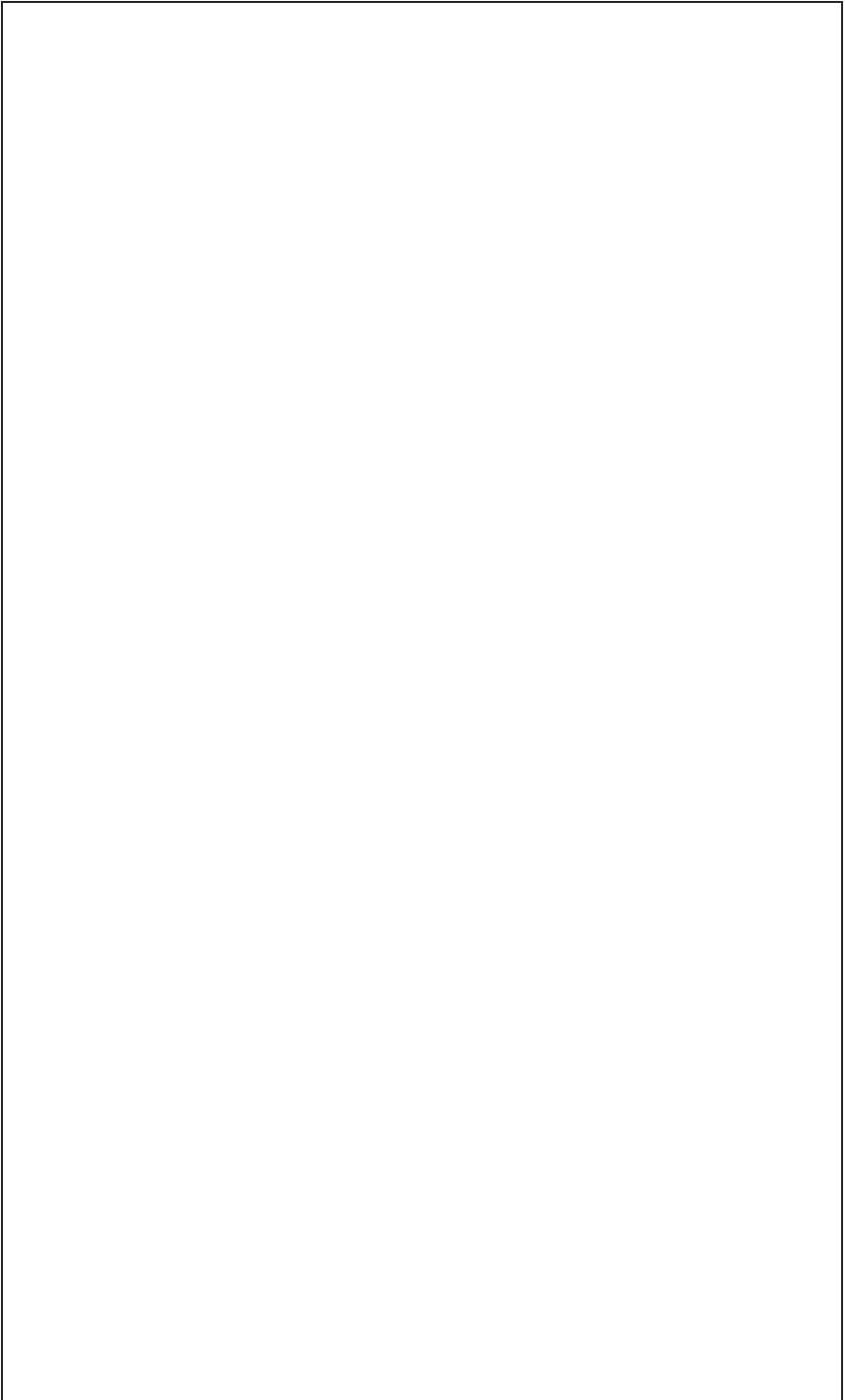
# Tips

## Do Not Kink The Grommet

To maintain the integrity of the water sealing grommet, do not kink, deform or put pressure on the grommet when dressing the wires during install of Clearwater Lights.



# Notes

A large, empty rectangular box with a thin black border, occupying most of the page. It is intended for the user to write their notes.

# Notes

A large, empty rectangular box with a thin black border, occupying most of the page. It is intended for the user to write their notes.

Thank you for purchasing your Clearwater lights. We hope this product will help make you a safer rider. Please feel free to send us comments or suggestions at any time. We learn from you. Visit our website for more exciting products to help you see better at night.

Ride safe!

Sincerely,

Glenn and the team at Clearwater.



Clearwater Lights | 11305 Sunrise Gold Cir. Unit D | Rancho Cordova, CA 95742

Phone: (916) 852-7029 | [www.clearwaterlights.com](http://www.clearwaterlights.com)

Revised 12/11/20