



Installation Manual

Kawasaki Concours 1400

Darla LED Light Kit

Dimmable

Patent Pending



Bike Preparation

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

- Check parts list supplied with your kit to be sure all parts are handy.
- First, park the motorcycle on hard pavement or concrete to ensure 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.

Note:

We suggest keeping your lights on all the time, we do not furnish an “on-off” switch. It is important to be sure that the wire you use will turn off when the bike is turned off. Otherwise, you will end up with a dead battery. Nobody likes that.

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.

Parts List

Kawasaki Concours 1400 (D14 Kit) Parts List:

B705 - HORN RELAY BAG

1 Relay

1 Posi lock

1 Posi-Tap

B-14

2 602 - Bracket

2 Spacer #2

2 M6 x 35mm

4 M6 X 14 HH

6 M6 Flat Washers

4 5/16" Plastic Washers

2 Thin M6 Shoulder Washers

B817 - CONNECTION BAG

1 Ring Terminal

3 Posi Tap

12 6" Zip Ties

1 Zip Tie Pad

B761 - HARNESS BAG

2 2' Darla Extension

2 Light Assembly

B709 - POT HARDWARE BAG

1 Pot Assembly

1 M6 x 25mm SH

1 M6 X 10 BH

1 M6 Flat Washer

1 #20 Spacer

1 L-Bracket

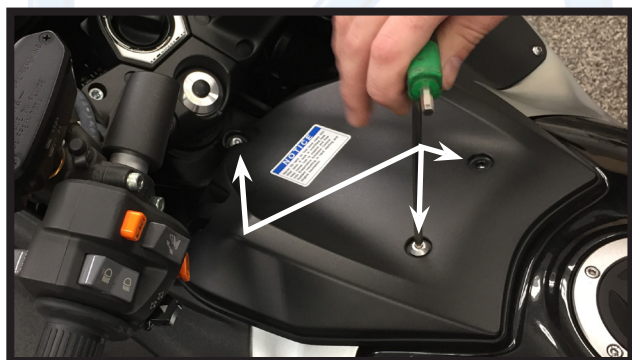
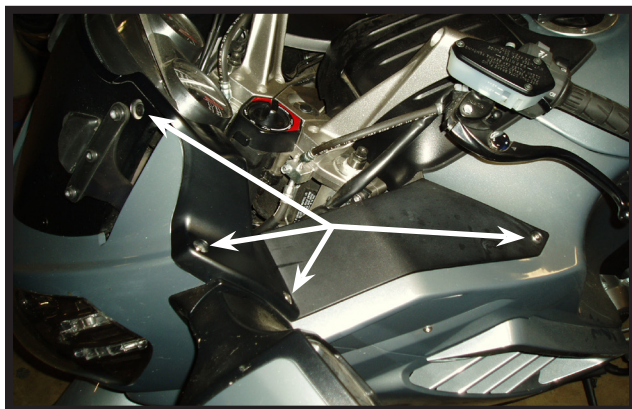
1 Plastic Plug

Last Updated: 3/24/21

Disassembly

Removing Dash Surround, Top Cover and Glove Compartment:

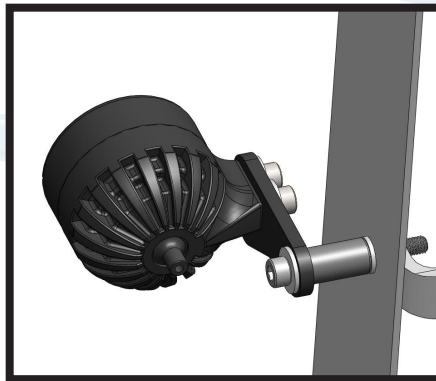
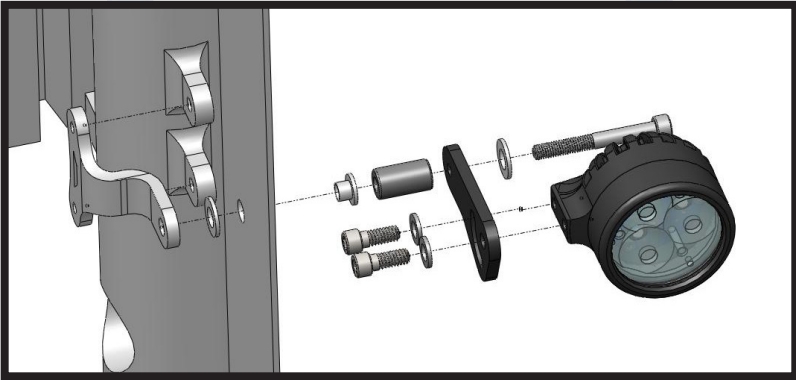
Follow the photos below for removing the three panels and their associated fasteners. Removal of these three panels is required for a complete install of your Clearwater Lights.



Mounting The Lights

Fender Mount Overview:

- Remove Allen screw and hex head bolt holding fender to fork. (1 bolt & 1 screw on each side)
- Move fender forward enough to get to two bolts holding fender bracket to front fork.
- Remove two bolts holding fender brackets in place.
- Attach the bracket to the fender bracket with the supplied hardware. (See *diagram below*)
- Install the Darla/Glenda LED light onto the bracket but don't tighten all the way so you can align it when your are done.
- Replace (2) rear mounting bolts and tighten.



Mounting The Volume Control Knob / Battery

Mounting The Volume Control Knob:

- When mounting the volume control knob, be careful not to interfere with movement of front forks.
- Use the existing bolt/bolt-hole on the clutch assembly to mount the dimmer to. Use the provided



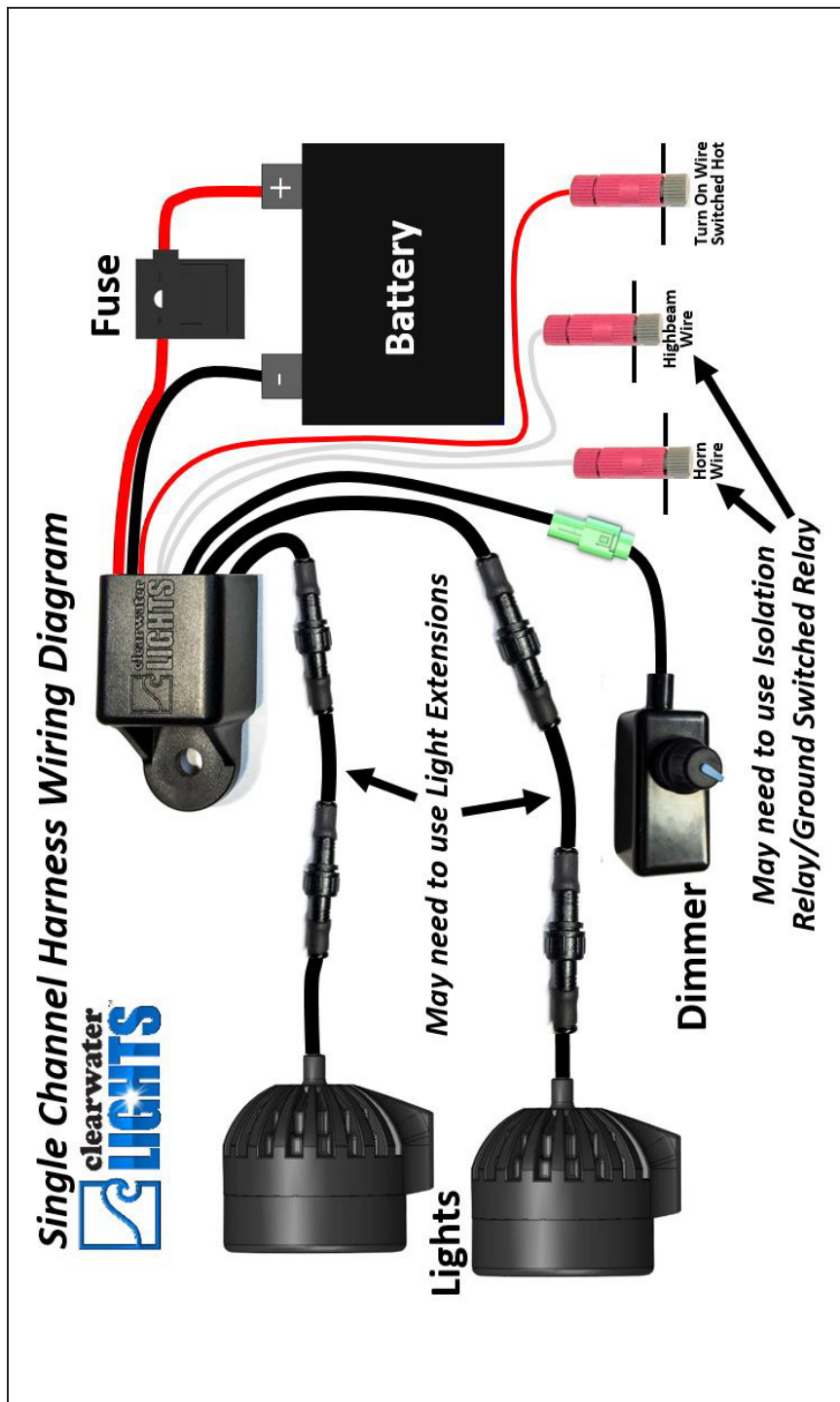
- **Hint for High Vibration installations:** *To keep the Volume Control Knob from rotating itself under high vibration, put a dab of silicone adhesive under the knob and let it dry. Then push the rubber knob back on. The friction of the glue under the knob will keep it in place.*

Battery Compartment:

Use the pictures below as a guide to reach the battery on the right side of the bike.

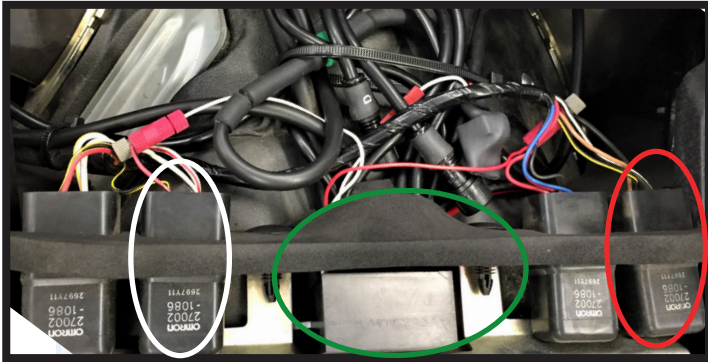


Wiring Diagram



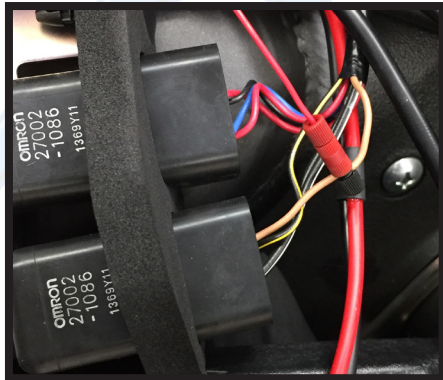
Mounting Harness + Wiring

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.



Horn Feature + Other Wiring Notes

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.



Alignment + Tips

Aligning The Lights:

Adjustment is up to the user depending on his 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. With a right angle board or object, position the board on the floor and slide it up to the light. The goal is to adjust the lights so that the light is level with the ground.

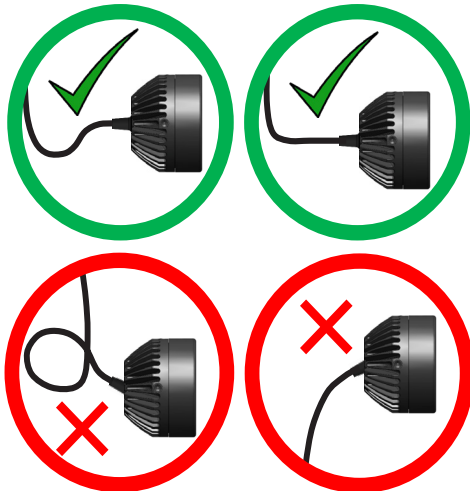
Passengers and luggage may alter the alignment of the light, so further adjustments may be needed. You may find that a slight downward angle (**5 degrees**) is helpful. Often times it is helpful to angle the right side light toward the right side of the road. This helps with identifying road terrain and potential critters.



Do Not Kink The Grommet

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

Do Not Kink The Grommet





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.



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