



clearwater
LIGHTS™



Installation Manual

Honda Goldwing (2018+)

Darla LED Light Kit

Dimmable

Patent Pending



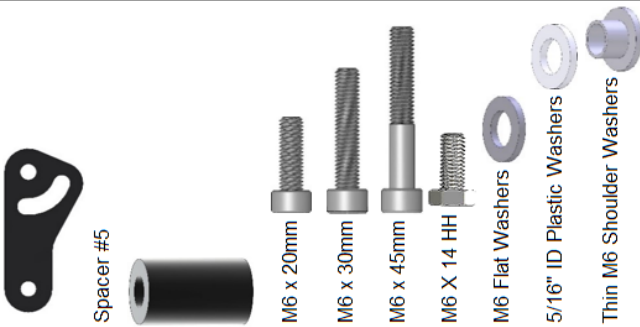



Made in USA

Parts List and 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 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.

<p>B817 - CONNECTION BAG</p> <p>1 Ring Terminal</p> <p>3 Posi Tap</p> <p>12 6" Zip Ties</p> <p>1 Zip Tie Pad</p>	<p>B761 - HARNESS BAG</p> <p>1 Harness</p>	<p>B2 - HARDWARE BAG</p> <p>2 602 - Bracket</p> <p>2 Spacer #5</p> <p>2 M6 x 20mm</p> <p>2 M6 x 30mm</p> <p>2 M6 x 45mm</p> <p>4 M6 X 14 HH</p> <p>6 M6 Flat Washers</p> <p>4 5/16" ID Plastic Washers</p> <p>2 Thin M6 Shoulder Washers</p>	<p>B709 - POT HARDWARE BAG</p> <p>1 Pot Assembly</p> <p>1 M5 x 0.8 x 30mm</p> <p>1 M6 X 10 BH</p> <p>1 M5 Flat Washer</p> <p>1 #7 Spacer (3/16 X 5/16")</p> <p>1 L-Bracket</p> <p>1 Plastic Plug</p>
<p>2 Light Assembly</p> 			 <p>2 2' Daria Extension</p>

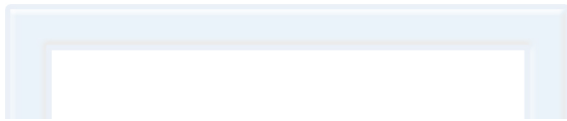
Last Updated: 1/20/21

Parts List and Bike Preparation

We have two Darla kits available for the Honda Goldwing 2018+:

- D-2: Universal Kit which mounts to the front fender
- D-126: Fog Light Replacement

Please verify that the kit you received is complete. If you are missing anything, please contact us and we will send you the parts you need.



B155 - GOLDWING HARDWARE

- 2 1099 - L-Bracket Fog Location
- 4 M6 x 14 BH
- 2 M10 x 16 BH
- 4 M6 Flat Washers
- 2 M10 Lock Washer

B25 - HARDWARE BAG

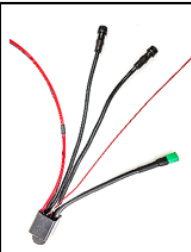
- 2 625 - Crash Bar Clamp - 25mm
- 4 M5x14 (Pre-installed)

- 2 1ft extension

B817 - CONNECTION BAG

- 1 Ring Terminal
- 3 Posi Tap
- 12 6" Zip Ties
- 1 Zip Tie Pad

B761 - HARNESS BAG



2' Darla Extension



Last Updated: 1/22/21

2 Light Assembly



B709 - POT HARDWARE BAG

- 1 Pot Assembly
- 1 M6 x 10 BH
- 1 Plastic Plug
- 1 M5 x 35 SH
- 1 L Bracket
- 1 Spacer #7
- 4 M5 Flat Washers

Mounting The Lights

(D-2) Fender Mount Overview: *(detailed diagrams on next page)*

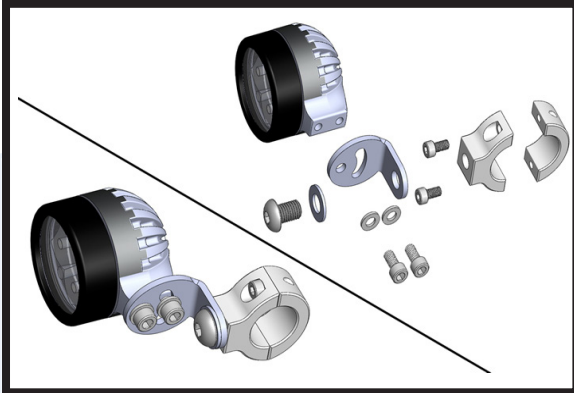
- Pre-assemble the lights, mounting bracket, shoulder washers and spacers with new bolts. Add 1 or 2 plastic washers to shoulder washer to make up difference in thickness of front fender if needed. Make sure to assemble one side at a time
- Gently screw all bolts in hand tight. Inspect the bolt length and spacer alignment before tightening the bolts. Keep the pictures below as a reference.
- The mounting bracket can be mounted facing down (*shown*) or up to give the desired adjustability range.
- Follow the diagram and photo below for D-2 installation.



Mounting The Lights

(D-126) Fog Light Replacement:

The side covers must be removed to access the crash bar for mounting. The side cover hole will need to be enlarged slightly to fit the Darla covers. This can be done slowly and controllably with hand tools. The hole should be 2.5" in diameter. Mount bracket with clamps and attach light to bracket. Double check alignment before tightening bolts.



Mounting The Volume Control Knob

Mounting Volume Control Knob Bracket:

(M5x35mm Screw Mount)

- Mount the volume control knob to handlebar by using supplied bracket, spacer and bolt stackup. Gather the M5x35 SH, M5 washer, L-bracket, spacer, and three M5 washers. The M6 x 10 BH and washer thread into the dimmer box. Reference photos below.
- Try to route wires from lights and volume control knob along pre-existing wires. Make connections in a waterproof area.



Stackup of hardware for mounting dimmer box



Dimmer mounting location on left side of handlebars

Wiring

Wire Routing:

- Be sure to route wires so that they cannot become tangled or caught in either a suspension part or steering part. Check movement of both steering and suspension before riding the bike.
- It is helpful to follow existing wire routing.

Wiring:

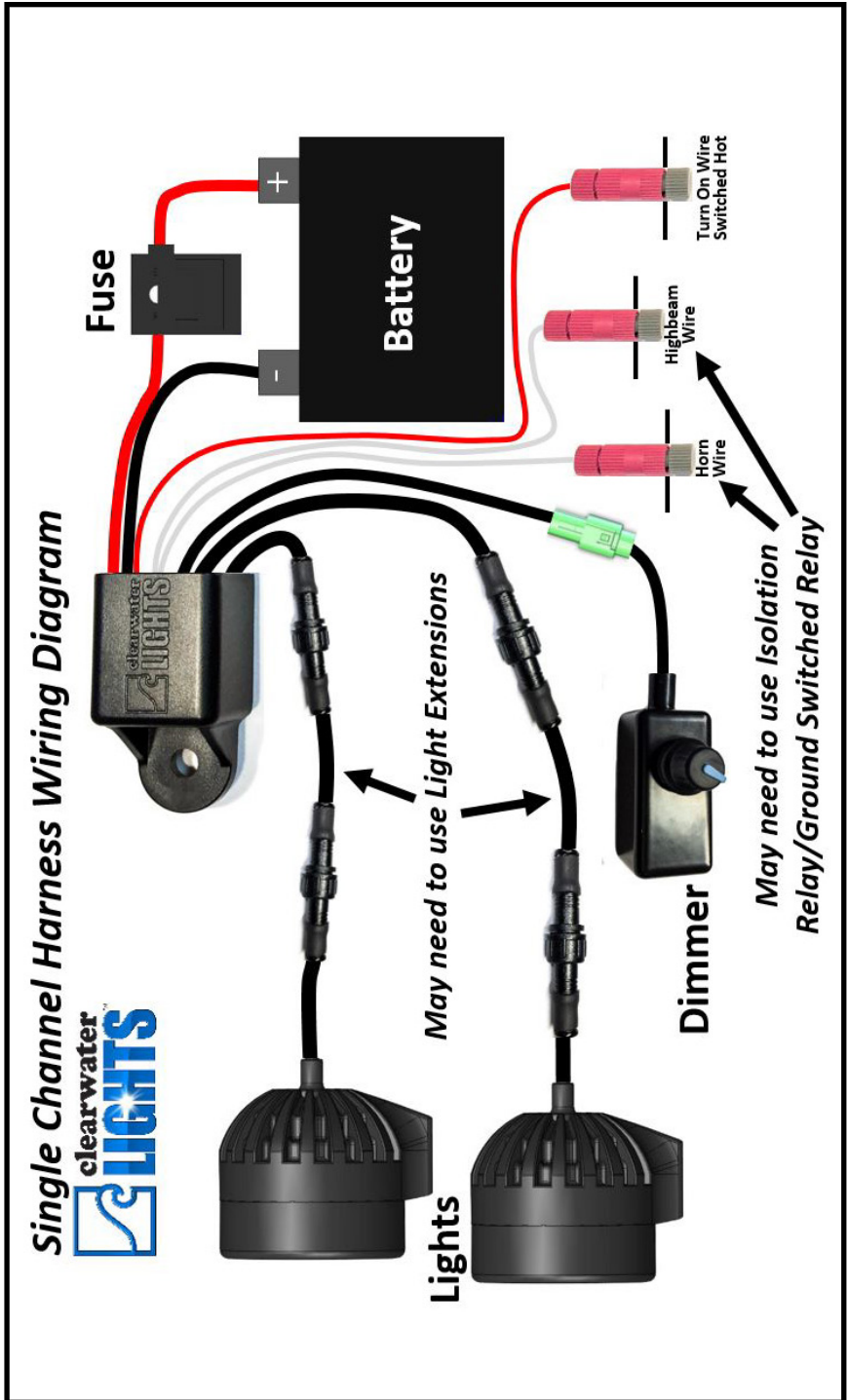
- Before connecting wires together on the lights and wiring harness, be sure to disconnect the negative terminal from the battery first, then the positive terminal.
- Use the wiring diagram on Page 7 as reference.
- Posi-Tap the red wire from the Clearwater Lights relay to the blue wire with the black stripe from the headlight connector. This means that the lights will turn off with the key. Reference photo below.
- Use a Posi-twist to connect the green wire from the volume control knob to the two green wires from the lights. (3 wires)
- Use a Posi-twist to connect red wire from the relay to the red wires from lights and volume control knob. (4 wires)
- Connect ground/black wire to black wires from lights and volume control knob. (4 wires)
- If you would like to use the high beam feature (recommended), use a Posi-tap to connect the white wire from the volume control knob to the High Beam headlight hot lead (+) which is the solid blue wire from the headlight connector. Reference photo below.
- Connect the red wire from the wiring harness to the positive terminal of the battery, and the black wire from the harness to the negative terminal of the battery. Be sure to connect the fuse to the fuse holder.
- Reconnect the positive terminal of the battery first, then negative terminal.



High Beam Feature:

When your Clearwater lights are installed, the volume control knob can adjust the brightness from 5% to 55%. With the high beam feature, they will instantly adjust to 100% when the high beams are switched on.

Wiring Diagram



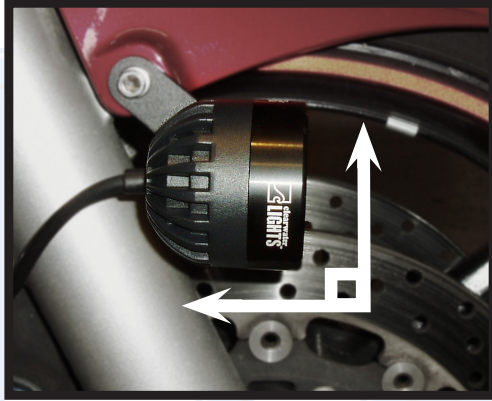
Final Steps

Aligning the Lights

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. Press a level against the face of the light, and adjust its angle.

The goal is to adjust the lights so that the light is level with the ground.

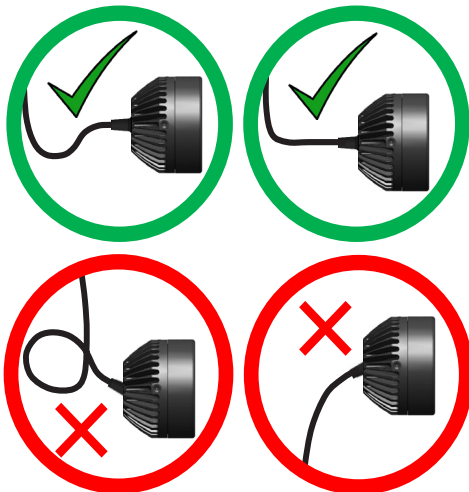
Passengers and luggage may alter the alignment of the light, so further adjustments may be needed. You may find that a slight downward angle (5 degrees) is helpful.



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.

Do Not Kink The Grommet



Notes:



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
LIGHTSTM

The Clearwater Company - 11305 Sunrise Gold Circle, Suite D
Rancho Cordova, CA 95742
Phone: (916) 852-7029 | Fax: (916) 852-9410 | www.clearwaterlights.com
Revised 3/11/22