



clearwater
LIGHTS™



Installation Manual
Yamaha Super Tenere
Krista, Erica, Sevina 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. If something is missing, please call us at (916) 852-7029.

B130 - HARDWARE BAG

- 1 646 - Super Tenere Bracket
- 2 M10 x 16 BH
- 2 M10 washers
- 2 M10 Nylock Nut
- 4 M8 x 16 BH
- 4 M8 Washer
- 4 M6 x 25 SH
- 4 M6 Washer
- 4 M6 Nylock
- 1 M6 x 35 SH
- 1 Spacer #20

Last updated: 7/26/18

2 Mod Bracket

2 Kristar/Erica/Sevina Lights

B721 - KES UNIVERSAL HARNESS BAG

B709 - POT HARDWARE BAG

1 Pot Assembly

B821 - KES CONNECTION BAG

- 3 Posi Tap
- # 6" Zip Ties
- 1 Ring Terminal
- 2 Female Spade
- 1 Switch

- 1 M6 x 10 BH
- 1 M5 x 30 SH
- 1 L Bracket
- 1 M5 Flat Washer
- 1 Spacer #7
- 1 Plastic Plug

Parts List and Bike Preparation

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B151 - HARDWARE BAG

- 2 621 KES CB Bracke
- 2 M10 x 16 HH
- 2 M10 x 20 BH
- 4 M10 Lock Washers
- 4 M8 x 16 BH
- 4 M8 Washer

B25 - HARDWARE BAG

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

Last updated: 7/26/18

2 Kristal/Erca/Sevina Lights

2 Mod Bracket

B721 - KES UNIVERSAL HARNESS BAG | KES Wiring Harness

B821 - KES SWITCH BAG

- 3 Posi Tap
- # 6" Zip Ties
- 1 Ring Terminal
- 2 Female Spade
- 1 Switch

B709 - POT HARDWARE BAG

1 Pot Assembly

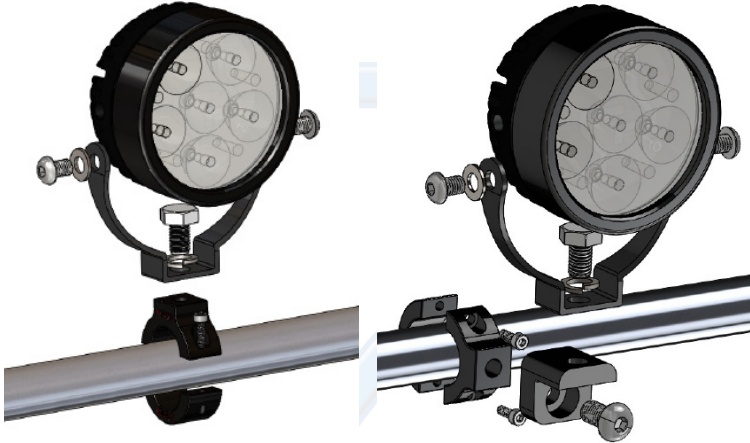
- 1 M6 x 10 BH
- 1 M5 x 30 SH
- 1 L Bracket
- 1 M5 Flat Washer
- 1 Spacer #7
- 1 Plastic Plug

Bike Preparation & Crash Bar Mount

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.

Crash Bar Mount



Crash Bar mount without L-bracket

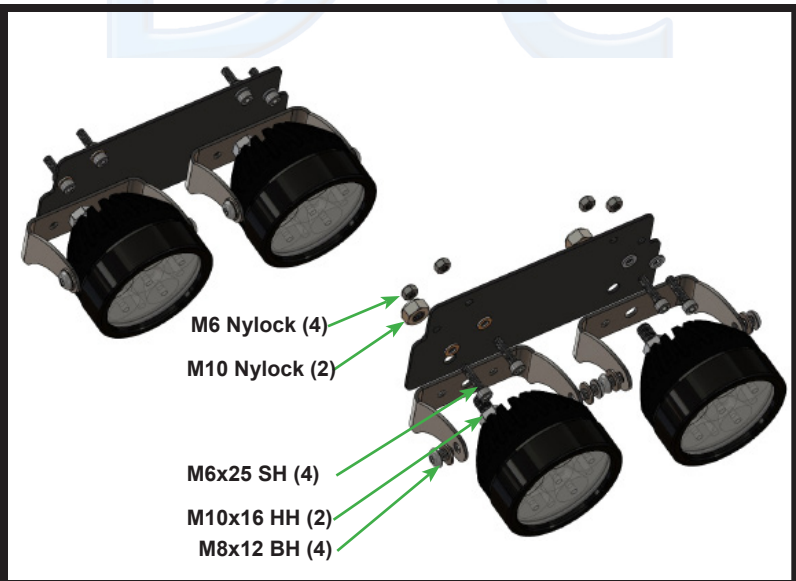
Crash Bar mount with L-bracket



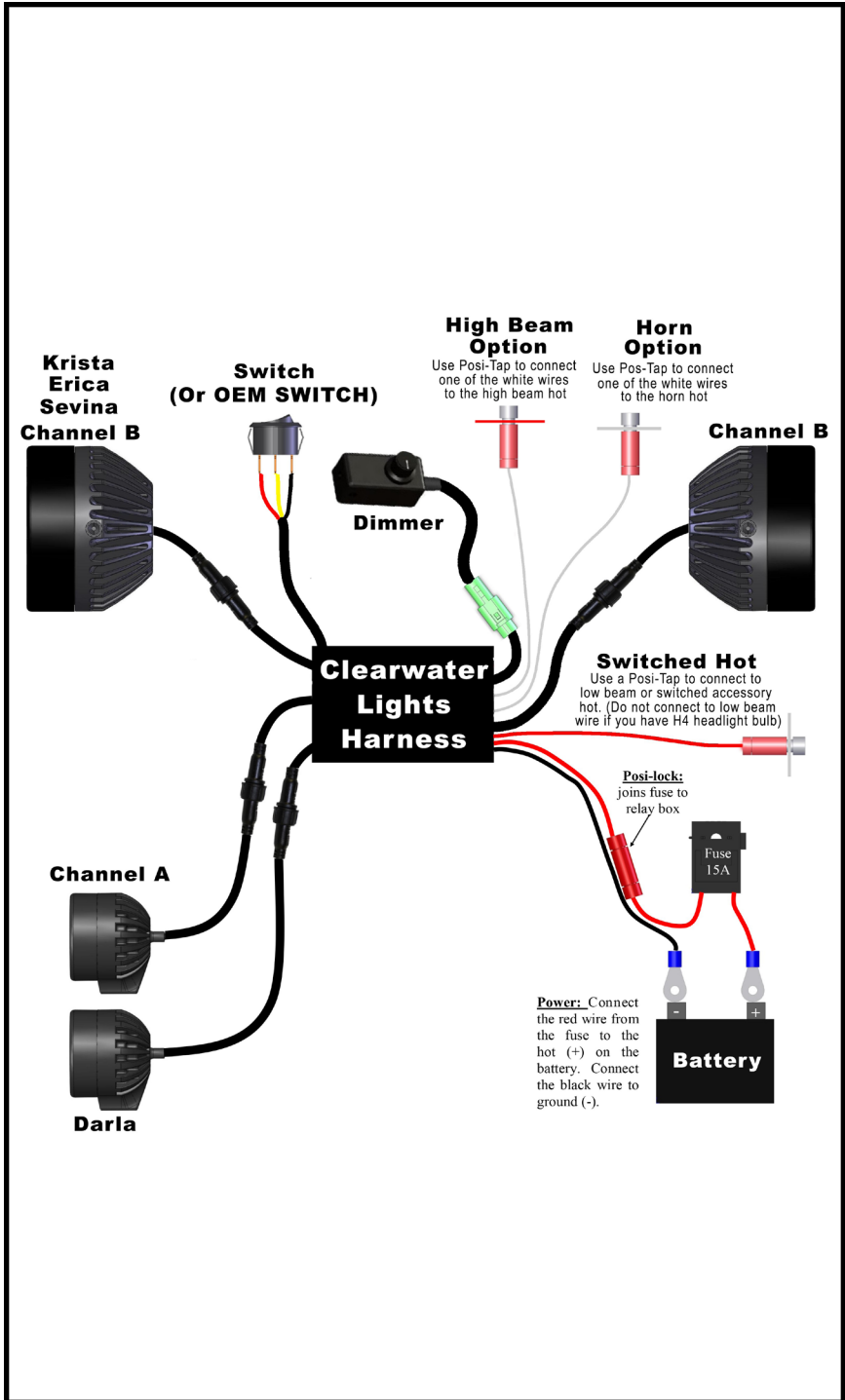
Under Headlight Mount (Krista and Erica Only)

Under Headlight Installation:

- The bracket mounts directly to OEM bolt holes beneath the headlight. Using the supplied hardware, the M6 x 25mm bolts and washers, attach the bracket to your bike. (Shown Below)
- Assemble the lights to the brackets with the M8 bolts and washers and snug bolts because you will have to adjust the lights later.
- Attach the assembled lights to the bracket on the bike and secure with the M10 x 16mm bolts and washers.



Wiring Diagram



Wiring

Wire Routing: *(Please consult owners manual for wiring diagram and color codes)*

- 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 sometimes helpful to follow existing wire routing.

Electrical:

- (1) Mount the power relay box in a safe location. Secure with a zip tie. (It is a good idea to face the relay box with the wires coming out the bottom.)
- (2) Route the two Black connectors for the lights to a convenient location where they will not interfere with steering or any other moving parts.
- (3) Install the switch in a convenient location.
- (4) Switch - Crimp spade lugs to red, yellow and black wires from relay box. Attach to corresponding tabs on switch. *(See wiring diagram)*
- (5) Using Posi-tap, attach red (*turn on wire*) to a switched 12v wire. Be sure not to use a Low beam headlight wire on H4 headlight bikes or else the lights will shut off when the high beam is activated.
- (6) Install connectors as shown in the wiring diagram on page 8.
- (7) Run the Red and Black power wires directly to the battery. The fuse will protect the system in the event of a short.

High Beam Feature:

Locate your bike's High Beam headlight hot (+) lead. This will make your lights go to full power when you turn on your high beam. Use a Posi-tap to connect one of the white wires from the relay box to this wire. It does not matter which white wire you use; both trigger the same way. If you do not want to use this feature, simply tuck the white wire away in a neat fashion.

Horn Feature:

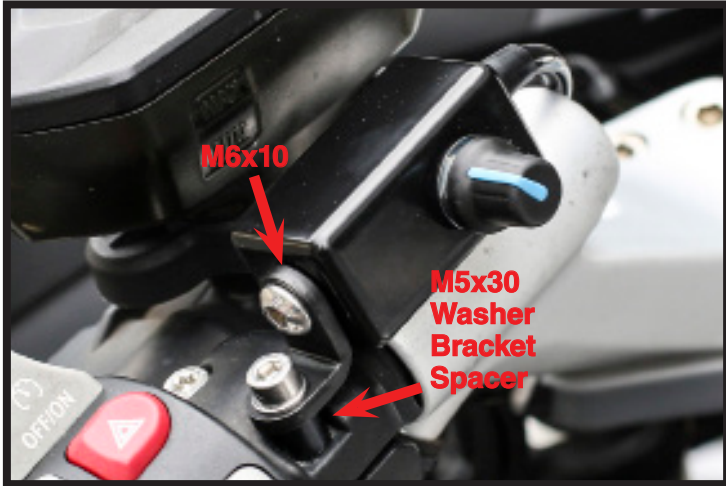
Locate the Horn's hot (+) lead. This will make your lights flash to full when you sound your horn. Use a Posi-tap to connect one of the white wires from the relay box to this wire. It does not matter which white wire you use; both trigger the same way. If you do not want to use this feature, simply tuck the white wire away in a neat fashion.

Mounting The Volume Control Knob

Mounting Volume Control Knob Bracket:

(M5x30mm Screw Mount)

- Mount the volume control knob to handlebar by using supplied bracket, spacer and bolt.
- Try to route wires from lights and volume control knob along pre-existing wires. Make connections in a waterproof area.

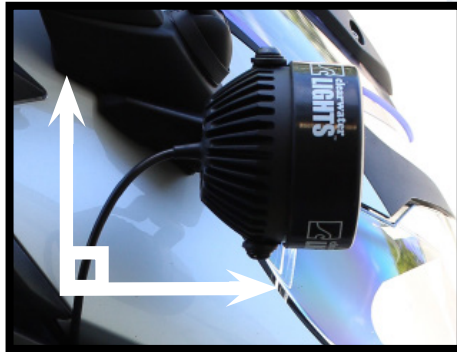


Mounting The Volume Control Knob

Aligning The Lights:

Erica, Krista, and Sevina are designed as auxiliary lights, adjustment is up to the user depending on his or her 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. Using a level, align the lights to be perpendicular to the ground. Another method would be to position a large square 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.

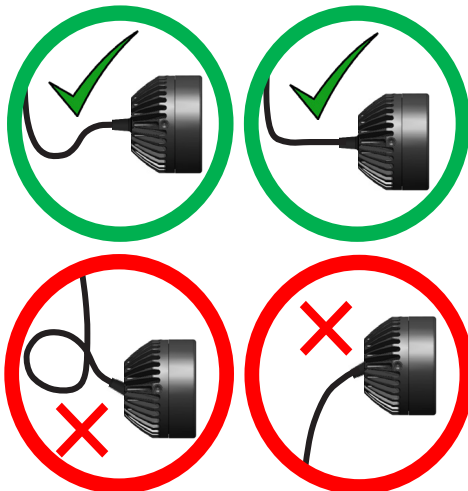
Passengers and luggage may alter the alignment of the light, so further adjustments may be needed. You may find that a slight downward angle (**5 degrees at most**) is helpful. Often times it is helpful to angle the right side light toward the right side of the road. This helps with identifying road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



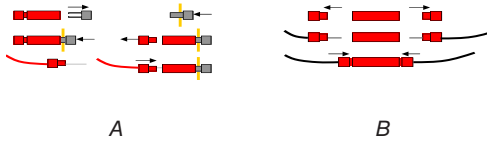
Do Not Kink The Grommet

To maintain the integrity of the water 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



Posi-Products Installation Guide



Posi-Tap (A):

1. Unscrew the cap of the Posi-Tap (gray or large end).
2. Slide the wire you wish to tap into through the slot in the cap.
3. Re-attach the body of the Posi-Tap and tighten.
4. Attach the other wire to the bottom using the same method as a Posi-Twist.

Posi-Lock (B):

1. Remove both ends from the Posi-lock.
2. Strip wire 1/2" and insert into bottom portion of the Posi-lock.
3. Hand tighten the Posi-lock onto bottom portion with wire, repeat for other side.

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.



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