



Installation Manual

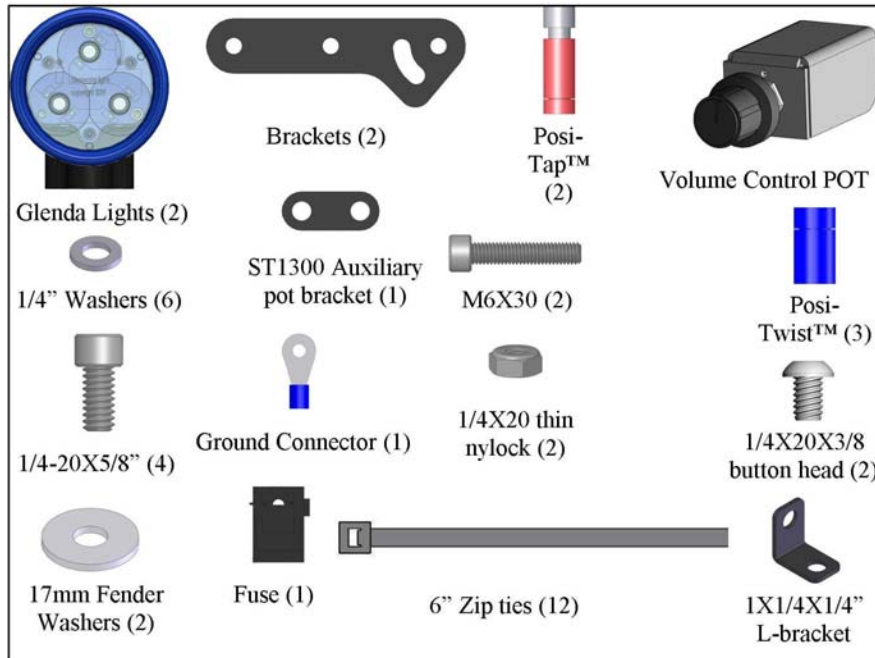
Glenda LED Light Kit
(Dimmable)
Honda ST1300
Patent Pending



The Clearwater Company
2546 Mercantile Dr. Ste B
Rancho Cordova, CA 95742
Ph:916.852.7029 Fx:916.852.9410

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

1. Check Parts list supplied with your kit to be sure all parts are handy.

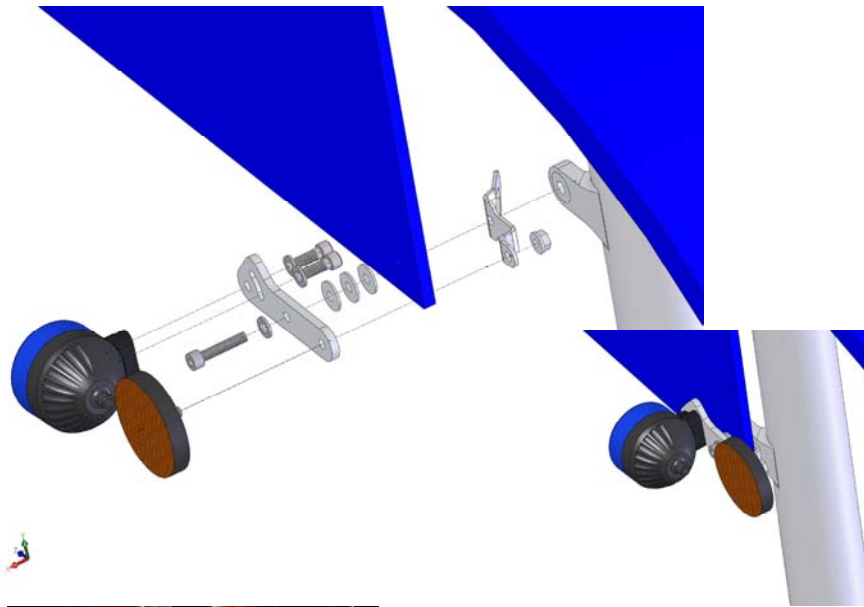


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Note: *Clearwater lights include a very high quality means of connecting to the motorcycle's electrical system. Posi" devices made by Posi-Products are used to securely and safely make electrical connections on the bike. You can view instructions on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

2. 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
3. Follow the manufacturers guidelines for disconnecting the battery. This is important to prevent damage to the electrical system.
5. Preassemble the new bolt, mounting bracket and any spacers . Be sure that the length of the bolt is equal to or less than the original bolt length. It is very important that the new bolt does not protrude past the bike's mounting bracket and interfere with the Fork. If for some reason the bolt is longer than the stock bolt, call us immediately

6. Remove hex nut with 10 mm wrench on back of Reflector
7. Remove reflector and save
8. Remove 6mm screw on fender/reflector bracket save rubber washer—Leave bracket in place
9. Install Glenda light on supplied bracket using 2 ea. 1/4-20x5/8” Bolts + 1/4” washers
10. Install (new) M6-1.0x30mm bolt and 6mm washer into bracket stack 3 spacer washers inside of bracket. Make sure rubber washer is on fender around reflector bracket sleeve.
11. Screw M6-1.0x30mm through sleeve into threaded boss in fork leg
12. Install reflector into rear hole in bracket through reflector bracket and secure with nut.
13. Adjust light (see below) and tighten all hardware



Alignment

15. 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.

Access to electrical hookup

Honda ST1300s are fairly easy to work on.

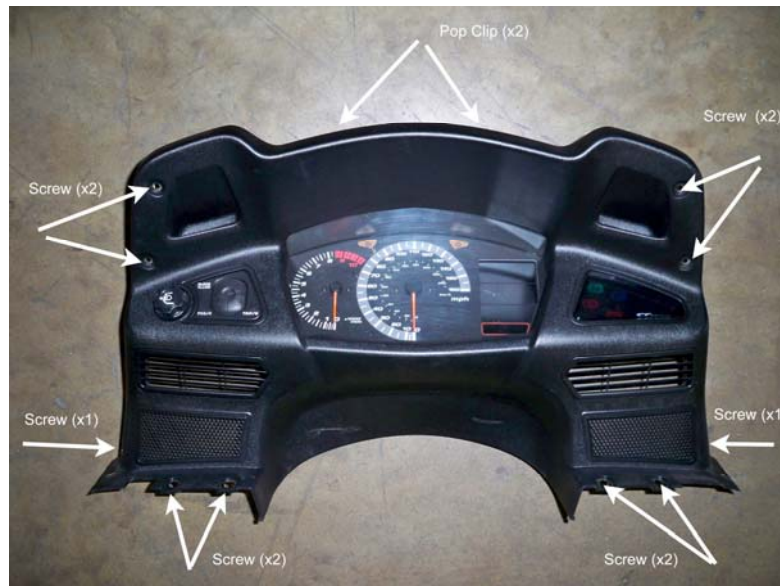
Dash Removal

Remove two plastic pins on top of dash, under windshield

Remove mirror covers to get to two screws on sides. (pop off) Remove four screws, two on left side, two on right side of dash

Open left and right storage bins to get to screws, two on left, two on right

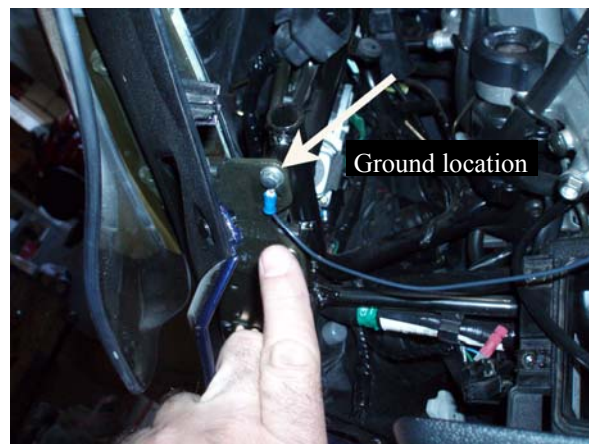
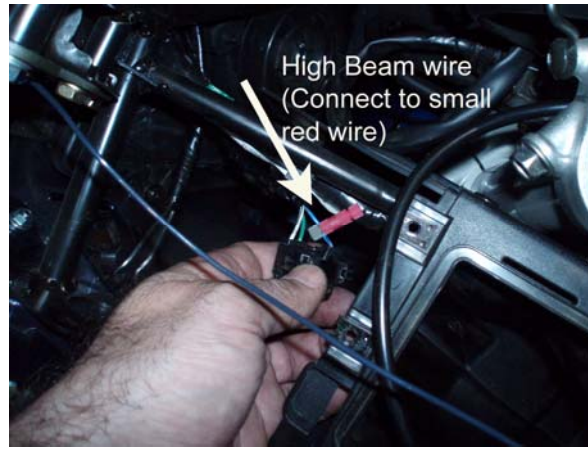
Pull dash forward and remove two connectors from back and lift dash out.



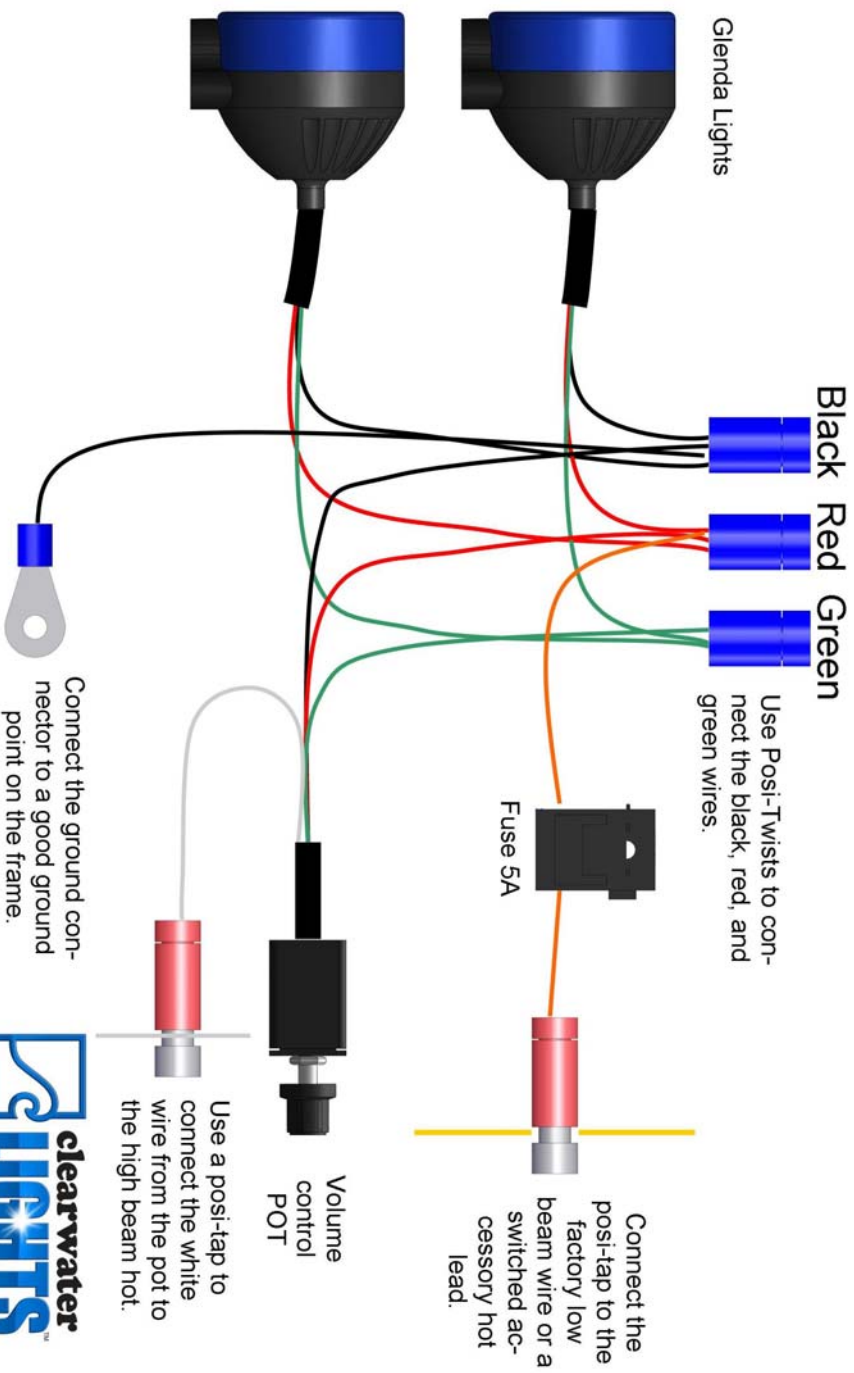
Power

- Locate windshield relays (2 each)
- Pull cover up on left relay
- Tap into the pink wire with silver stripe for switched power. Use a posi-tap to connect this wire to the fuse holder.
- Find a good solid ground point for the black wire terminal ring. A recommended location is the 8mm bolt on the left side of the fairing support frame.
- Use a posi-twist to connect the green wire from the pot to the two green wires from the lights (3 wires).
- Use a posi-twist to connect red wire from the fuse holder to the red wires from lights and pot (4 wires)
- Connect ground/black wire to black wires from lights and pot. (4 wires)
- If you would like to use the high beam feature (recommended), use a posi-tap to connect the white wire from the pot to the High Beam headlight hot lead (+). This wire is the blue wire on the back of the left headlight.
- Tie wires in place and reposition relay.

Note: High beam wire (small red wire in picture) is now white wire from the pot



Wiring Diagram for Glenda Lights



Mounting Pot Bracket (FAIRING MOUNT OPTION)

Mount “volume control knob” in left side fairing location. Knob pulls off with a little force– use a small screwdriver to pry if necessary. Hold box in your hand. 10mm nut underneath removes. Drill 5/16” hole in fairing panel (**double check location for room behind the panel...**) Insert pot shaft, secure with washer and nut. Re attach knob with sweep range at 7:00 and 5:00.



Mounting Pot Bracket (BAR MOUNT OPTION)

- Mount “volume control” to handlebar by using supplied bracket, spacer and bolt.
- Route wires from lights and pot bracket to area under left side of forks. Connections can be made here and be kept weatherproof.



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. Keep checking our website for more new exciting products such as our flashlights and our 36W LED Krista light to help you see better at night.

Ride safe!

Sincerely,

Glenn and the guys at Clearwater.



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www.clearwaterlights.com

July 20, 2011