



## **BMW GSA LED Fog Light Replacement Kit**

### Cyclops Long Range Optimus Auxiliary Light Installation Instructions

- Disconnect lights from factory wiring harness.
- Remove factory 3/8" light mounting bar. 3 bolts left, right and then the center. Reinstall bolts into your crash bar to plug the threaded holes. Torx 30
- Un-package tube mounts choose the bushing that fits your crash bars and install tube mounts to your preferred location. Before tightening completely mount lights for positioning. 13mm socket and supplied allen wrench. *Follow additional mounting Instructions on the tube mount package.*





- Mounting locations for your new Cyclops Long Range Optimus.

- Plug in the adapter to both the lights and your factory wiring harness. Look closely at the factory wires and insure that the red wire on the adapter lines up with the power wire on your machines harness. (typically this is the brown with a red stripe the other will be brown which is your ground wire) If your lights do not light try reversing the adapter the lights are polarity sensitive and will not light with reversed polarity.
- If you are using the skene dimmer one of the adapters will have a positive and negative connection for skene dimmer power. Find a suitable location to mount the skene dimmer (standing in front of the bike) most application on the right hand side inside the beak of the bike works just fine. all wires have been labeled and will require matching the labels for proper connections. For the high beam trigger wire an additional length of wire and posi tap have been added in the kit to tap into the high beam wire. Sitting on the bike look at the upper left side of your headlight there is a rubber boot (headlight vent) remove this and route your skene trigger wire through this vent and fish the wire into the headlight housing and make a connection to the positive high beam wire inside the headlight housing reassemble your headlight.



- Use zip ties to secure the wires to your crash bar
- Aim your new lights to your preferred positioning. Insure all your mounting hardware is secure and tightened.

Note: This kit was developed to be a “plug and play” upgrade to your factory auxiliary lighting system. The yellow wire on your new lights are for a Cyclops/Skene Dimmer option. Additional wiring and dimmer installation would be required to use this feature of your new lights.

Thank You for your purchase from Cyclops Adventure Sports Please call with any questions

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