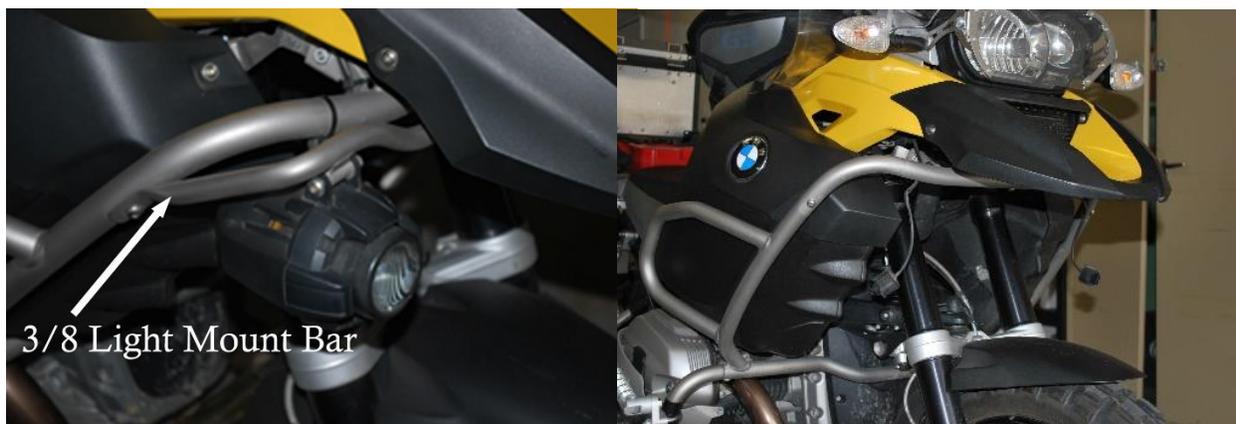




## LED Fog Light Replacement kit BMW GS 1200 Adventure

### Cyclops Long Range Optimus Auxiliary Light Installation Instructions

1. Disconnect lights from factory wiring harness.
2. Using Torx 30, remove the factory 3/8" light mounting bar by removing 3 bolts (left, right, and center).
  - a. Reinstall the bolts back into your crash bar to plug the threaded holes.



3. Un-package tube mounts and choose the bushing that fits your crash bars.
  - a. Install the tube mounts to your preferred location, then attach the light to the mount and check positioning. Once positioning is confirmed, use a 13mm socket and the Allen wrench supplied in the kit to tighten all mounting hardware.
  - b. The Cyclops Long Range Optimus lights can be mounted below or above the crash bar.



4. Plug in the Cyclops BMW **harness adapter** into both the lights and plug the lights back into your factory wiring harness.



- a. Look closely at the factory wires and ensure that the red wire on the adapter lines up with the power wire (typically the **brown wire with red stripe**) on your machines harness. The plane brown wire is the ground wire.
  - b. If your lights do not turn on, unplug the adapter from the OEM harness and turn it over. The lights are polarity sensitive and will not light with reversed polarity.
5. Use zip ties to secure the wires to your crash bar
  6. Aim your new lights to your preferred positioning.
    - a. Insure all your mounting hardware is secure and tightened.

## Skene Dimmer Installation

1. Mount the skene dimmer on the right-hand side (brake side), inside the beak of the front fairing.
2. Route the Skene trigger wire through the headlight vent on the headlight housing.
  - a. In the upper left corner of the headlight there is a rubber boot (headlight vent), remove this cap and route your Skene trigger wire through this vent hole. Fish



- the trigger wire into the headlight housing and attach the Posi-Tap connector to the end of the trigger wire.
- b. Attach the Posi-Tap trigger wire to the positive high beam wire inside the headlight housing.
    - i. For the high beam trigger wire an additional length of wire and Posi-Tap have been added in the kit.
  - c. Reassemble your headlight
3. If you are using the Skene dimmer (sold separately), one of the adapters will have a positive and negative connection for skene dimmer power. This should be connected to a keyed accessory power source.



This kit was developed to be a “plug and play” upgrade to your factory auxiliary lighting system.

The yellow wire on your new lights is for a Cyclops/Skene Dimmer option. Additional wiring and dimmer installation would be required to use this feature of your new lights.