



## INSTALLATION INSTRUCTIONS

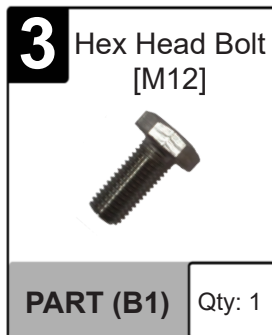
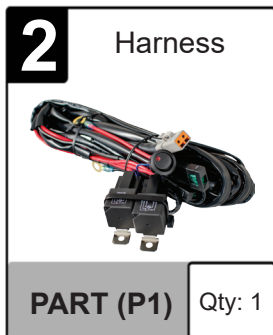


### GEN 2

## Installation Instructions & User's Manual



## About The 8.7" Gen 2 LED Light Cannon:



### FEATURES

1. Lightweight hybrid housing.
2. Integrated electronic thermal management (ETM).
3. Single 100 watt LEDs produce 3,500' of usable light.

### 8.7" GEN 2 LED LIGHT CANNON SPECIFICATION

- |                  |                                  |
|------------------|----------------------------------|
| 1. Warranty      | : Extended                       |
| 2. Amp Draw      | : 8.3A @ 12V DC                  |
| 3. Input Voltage | : 9-32V DC                       |
| 4. Beam Patterns | : 10°, Snap-On Filters Available |
| 5. LED Lifespan  | : 50,000 Hours                   |

### PREPARATION

1. We recommend completely reading instructions before installing.
2. Consult your local state regulatory agency regarding the use of LED lighting.
3. The placement of LED lighting should not restrict airflow to the radiator, or block head lamps, turn signals, or parking lights.

## 8.7" GEN 2 LED LIGHT CANNON

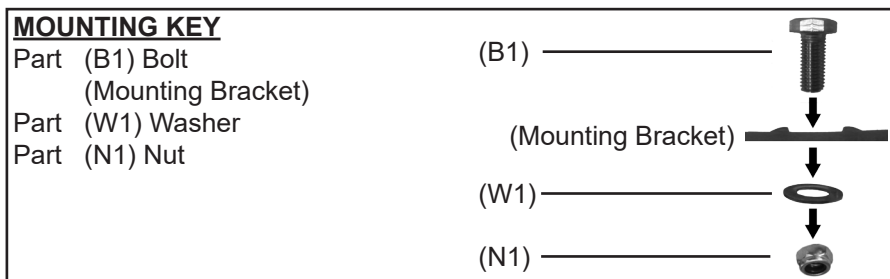


**WARNING: Bolts, Nuts, and Washers are Stainless Steel. DO NOT USE Pneumatic or Electric Tools to Tighten and Loosen. The Hardware Will Permanently Lock Together.**

### **MOUNTING INSTALLATION INSTRUCTION**

1. Determine where the light/lights will be placed.
2. Place mounting bracket with light to desired location. Using a marker or pick tool, mark the center point of the bolt hole on the mounting surface.
3. Set the light aside. Drill out a large enough hole to fit the [M12] bolt Part (B1).
4. Line up the mounting bracket with the hole you just drilled, slide the [M12] Bolt (B1) through both.
5. On the other side of mounting surface slide the [M12] Washer Part (W1) and [M12] Nylock Nut Part (N1) onto the [M12] Bolt (B1). Tighten Nut & Bolt to desired tightness.

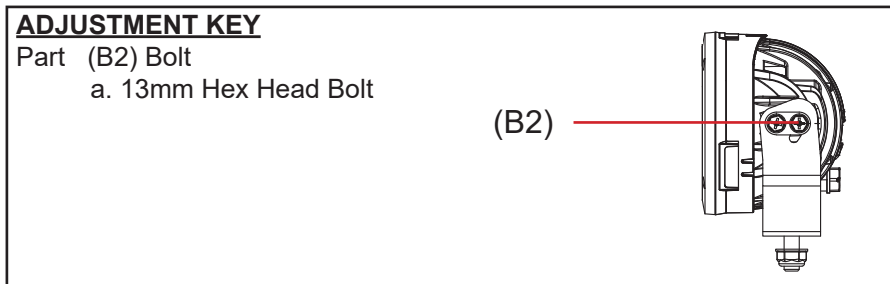
### **MOUNTING DIAGRAM**



### **LIGHT ANGLE ADJUSTMENTS**

1. Use a 13mm socket to loosen the 2 Hex head bolts Part (B2) on each side of the light.
2. Adjust the light to your desired angle and tighten Bolts (B2).

### **LIGHT ANGLE ADJUSTMENT DIAGRAM:**





## **WIRING INSTALLATION INSTRUCTION**

1. Find a suitable place to mount Relay Part (R1) leaving enough room for Power & Ground wires Part (W1 & W2) to reach the battery & the Deutsch connector Part (C1) to reach the Light. Mount Relay.
2. Run Power wire (W1) & Ground wire (W2) to the battery. Connect the Power wire (W1) to the Positive (+) battery terminal and connect the Ground wire (W2) to the Negative (-) battery terminal.
3. Run the Deutsch connector wire (C1) to the light and plug in.
4. Disconnect the Switch Part (S1) at the white Plug Part (P1) and run the wire through the vehicles fire wall to desired mounting location inside the Cab [using a factory rubber or plastic grommet is suggested].
5. Drill the hole to the required size for the Switch (S1) and mount to desired position.
6. Reconnect the Switch (S1) to the Harness.
7. Test Light.

## **WIRING DIAGRAM**

