



# INSTALLATION INSTRUCTIONS



# ADV

ADVENTURE SERIES LED DRIVING LIGHT

## 6.7" ADV LIGHT CANNON KIT

### Installation Instructions & User's Manual



**1** ADV Light Cannon



**LIGHT** Qty: 2

**2** Two Light Harness



**WIRING** Qty: 1

**3** Allen Key [5mm]



**PART (A1)** Qty: 1

**4** Washer [M10]



**PART (W1)** Qty: 2

**5** Nylock Nut [M10]



**PART (N1)** Qty: 2

**6** Hex Head Bolt [M10]



**PART (B1)** Qty: 2

## About The 6.7" ADV Light Cannon Kit:

### FEATURES

1. Iris Reflector & Optic Technology Combo
2. Heavy Duty Trunnion Bracket
3. Snap-On Covers Available

### 6.7" ADV LED LIGHT CANNON SPECIFICATION

1. Warranty : Extended
2. Amp Draw (EA) : 6.67A @ 12V DC
3. Input Voltage : 9-32V DC
4. Beam Patterns : Mixed
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.

# 6.7” ADV LIGHT CANNON

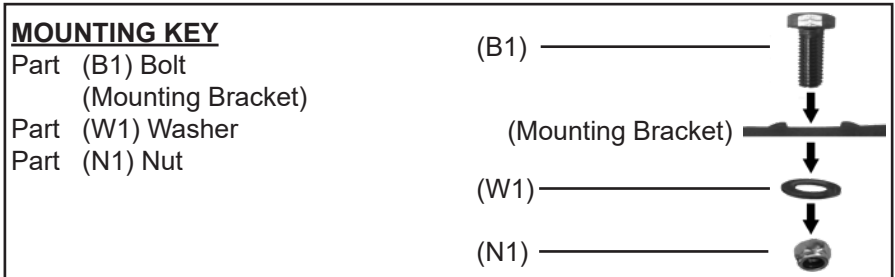


**WARNING: Bolts, Nuts, and Washers are Stainless Steel. DO NOT USE Pneumatic or Electric Tools to Tighten and Loosen. The Hardware Will Permanently Lock Together.**

## 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 [M10] bolt Part (B1).
4. Line up the mounting bracket with the hole you just drilled, slide the [M10] Bolt (B1) through both.
5. On the other side of mounting surface slide the [M10] Washer Part (W1) and [M10] Nylock Nut Part (N1) onto the [M10] Bolt (B1). Tighten Nut & Bolt to desired tightness.

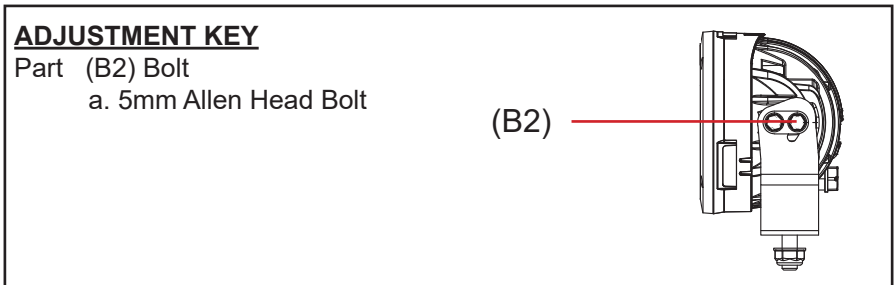
## MOUNTING DIAGRAM



## LIGHT ANGLE ADJUSTMENTS

1. Use the 5mm Allen Key (A1) to loosen the side 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:

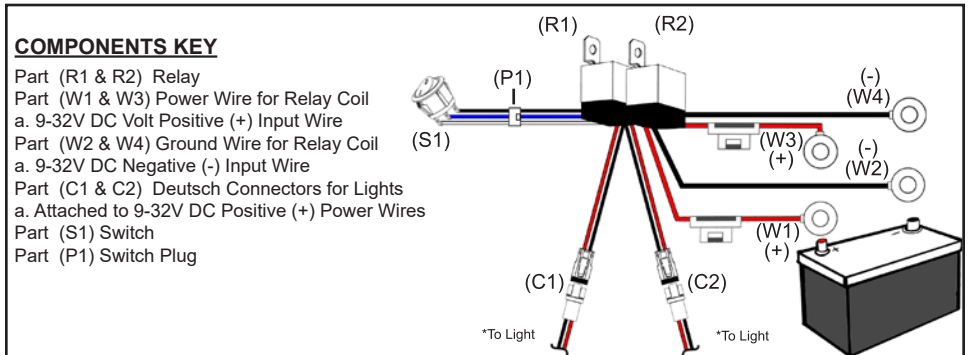




## WIRING INSTALLATION INSTRUCTION

1. Find a suitable place to mount Relays Part (R1 & R2) leaving enough room for Power & Ground wires Part (W1,W2,W3,W4) to reach the battery & the Deutsch connectors Part (C1 & C2) to reach the lights. Mount Relays.
2. Run Power wires (W1, W3) & Ground wires (W2, W4) to the battery. Connect the Power wires (W1, W3) to the Positive (+) battery terminal and connect the Ground wire (W2, W4) to the Negative (-) Battery Terminal.
3. To connect the Halo wire Part (H1) tap the yellow wire to an existing power source or on its own auxiliary switch.
4. Run the Deutsch Connector wiring, (C1 & C2) to each light and plug in. It doesn't matter which Deutsch Connector plugs into which light.
5. 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].
6. Drill the hole to the required size for the Switch (S1) and mount to desired position.
7. Reconnect the Switch (S1) to the Harness and Test Light.

## WIRING DIAGRAM



## HALO WIRE:

(H1) Halo wire

