



Installation Instructions & User's Manual



www.VISIONXUSA.com

VISION X 4.5" LED LIGHT CANNON KIT

About the 4.5" LED Light Cannon:



FEATURES

1. Single 25 Watt LED Produces 1000' of Usable Light
2. Integrated Electronic Thermal Management (ETM)
3. PWM Integrated Dimming Circuitry

CTL-CPZ110 SERIES SPECIFICATIONS

1. Warranty : Extended
2. Amp Draw : 4.17A (12V)
3. Input Voltage : 9-32V
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.

MAINTENANCE

1. All Vision X models have been designed for maintenance free use. In the case that an LED lamp or other part replacement is needed please contact your authorized service center.

1 LED Light Pod



MOUNTING Qty: 2

2 Two Light Harness



WIRING Qty: 1

3 Hex Head Bolt (5mm)



PART (M1) Qty: 2

4 Allen Key (5mm)



PART (M5) Qty: 2

5 Washer (5mm)



PART (M2) Qty: 2

6 Nylock Nut (5mm)



PART (M3) Qty: 2

WARNINGS

As with many other high-tech products, this VISION X LED requires a bit of attention before you can use it. Please read the accompanying information carefully first.

1. Don't stare directly into the light or shine directly into the eyes of another person as this may cause temporary loss of vision.
2. Never disassemble the products, as all parts must be factory serviced to insure proper operation.
3. Don't interchange the parts inside this light with other products.
4. The LED light is to be mounted on the vehicle only in a vertical, bottom mounting, or in a suspended position.
5. After turning on the light, the body might be hot enough to warrant a burn risk. Be careful when you touch the body after turning on the light for a long period of time.
6. Use the supplied wire harness for electrical installation.
7. The LED light must not adversely affect the performance of low beam, high beam, engine cooling or the driver's view.

VISION X 4.5" LED LIGHT CANNON KIT

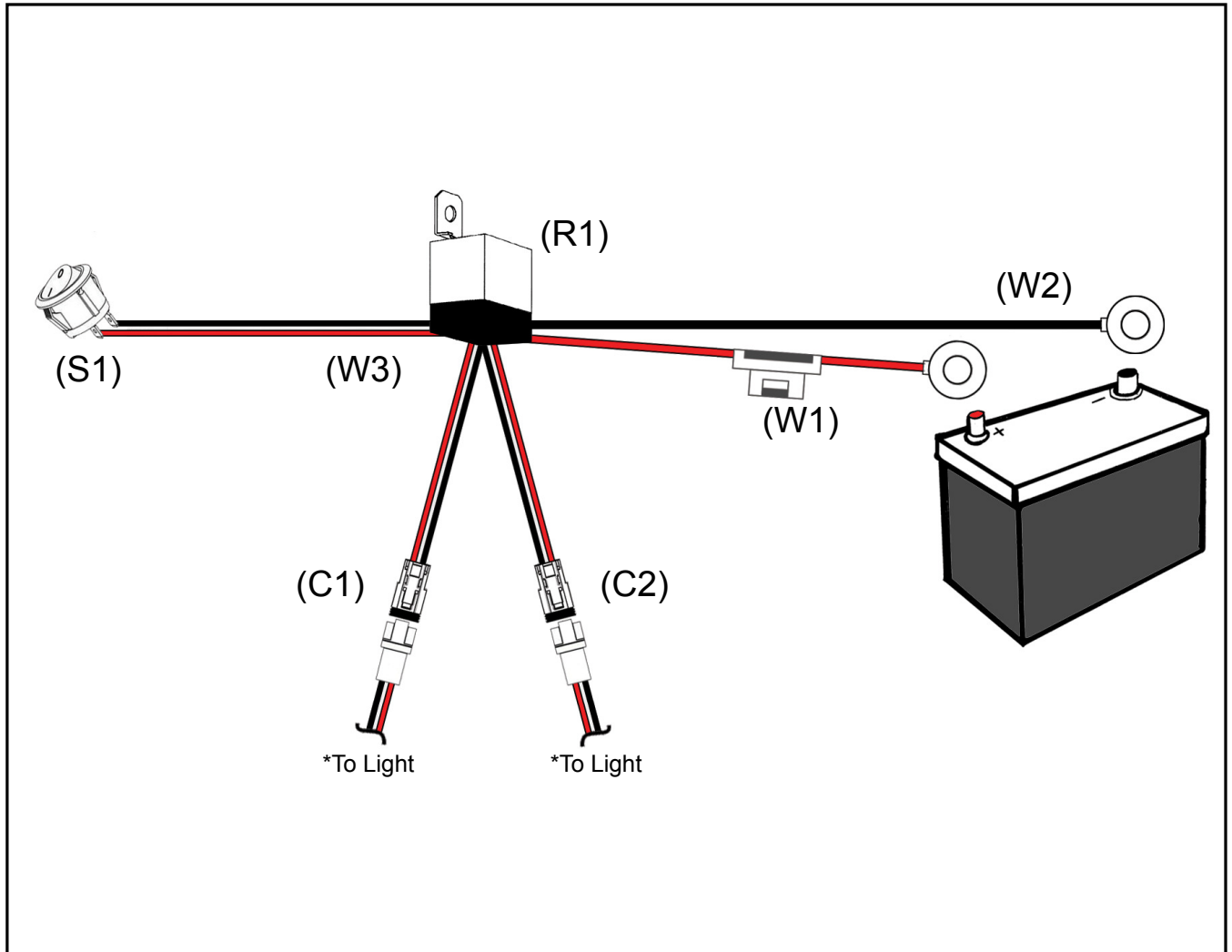


WIRING INSTALLATION

1. Find a suitable place to mount Relay [Part R1] leaving enough room for Power & Ground Wire [Parts W1 & W2] to reach the Battery & the Deutsch Connector Wiring [Parts C1 & C2] to reach the Lights. Mount Relay.
2. Run Power Wire [Part W1] & Ground Wire [Part W2] to the Battery. Connect the Power Wire [Part W1] to the Positive (+) Battery Terminal and connect the Ground Wire [Part W2] to the Negative (-) Battery Terminal.
3. Run the Deutsch Connector Wiring [Parts C1 & C2] to each Light and Plug in. It doesn't matter which Deutsch Connector plugs into which Light.
4. Unplug Power Wire [Part W3] from the Toggle Switch [Part S1]. Run Power Wire [Part W3] to the Vehicles Fire Wall at the point that you will bring the Wire through to the inside of the Cab (using a Factory Rubber or Plastic Grommet is suggested). Run Power Wire [Part W3] to the inside of the Cab. Note: This Wire can be extended if necessary.
5. Find a suitable place to Drill the Hole needed to mount the Toggle Switch [Part S1] and Continue to run the Power Wire [Part W3] to that location. Plug the Power Wire [Part W3] into Outside Pin of Toggle Switch [Part S1]. It doesn't matter which Outside Pin you use.
6. Drill the Hole to the required size for the Toggle Switch [Part S1]. Mount Toggle Switch [Part S1] to in desired position.

MANUFACTURER RECOMMENDATION

For those unfamiliar with electrical wiring on vehicles, Vision X recommends that all LED Lighting products are professionally installed.



COMPONENTS KEY

Part (R1) Relay

Part (W1) Power Wire for Relay Coil

a. 12 Volt Negative (-) Input Wire for Relay

Part (W2) Ground Wire for Relay Coil

a. 12 Volt Positive (+) Input Wire for Relay

Parts (C1 & C2) Deutsch Connectors for Lights

a. Attached to 12 Volt Positive (+) Power Wires for Relay

Part (W3) Power Wire for Relay Input

a. 12 Volt Positive (+) Input Wire for Relay [Part R1]

Part (S1) Toggle Switch

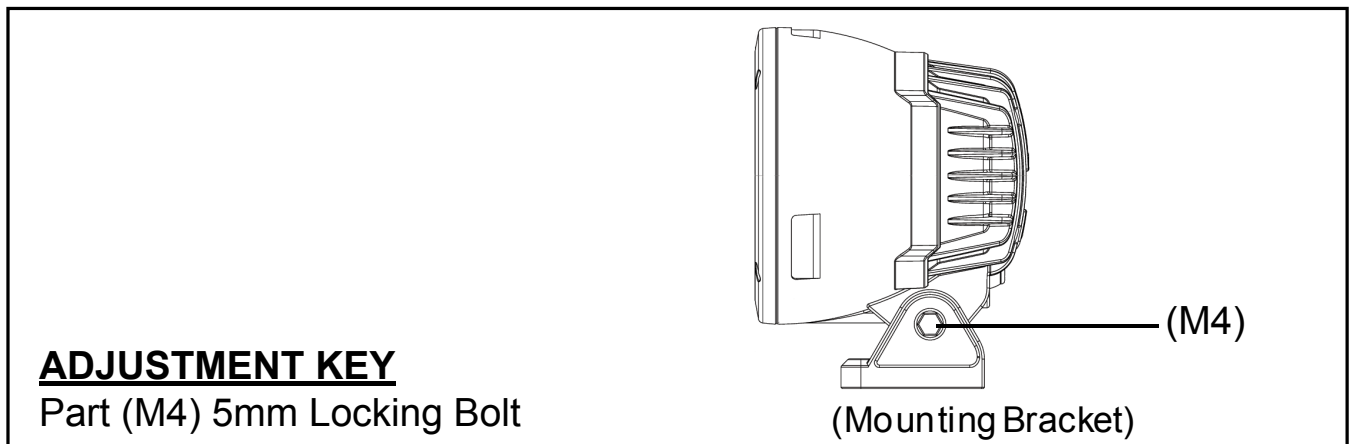
VISION X 4.5" LED LIGHT CANNON KIT

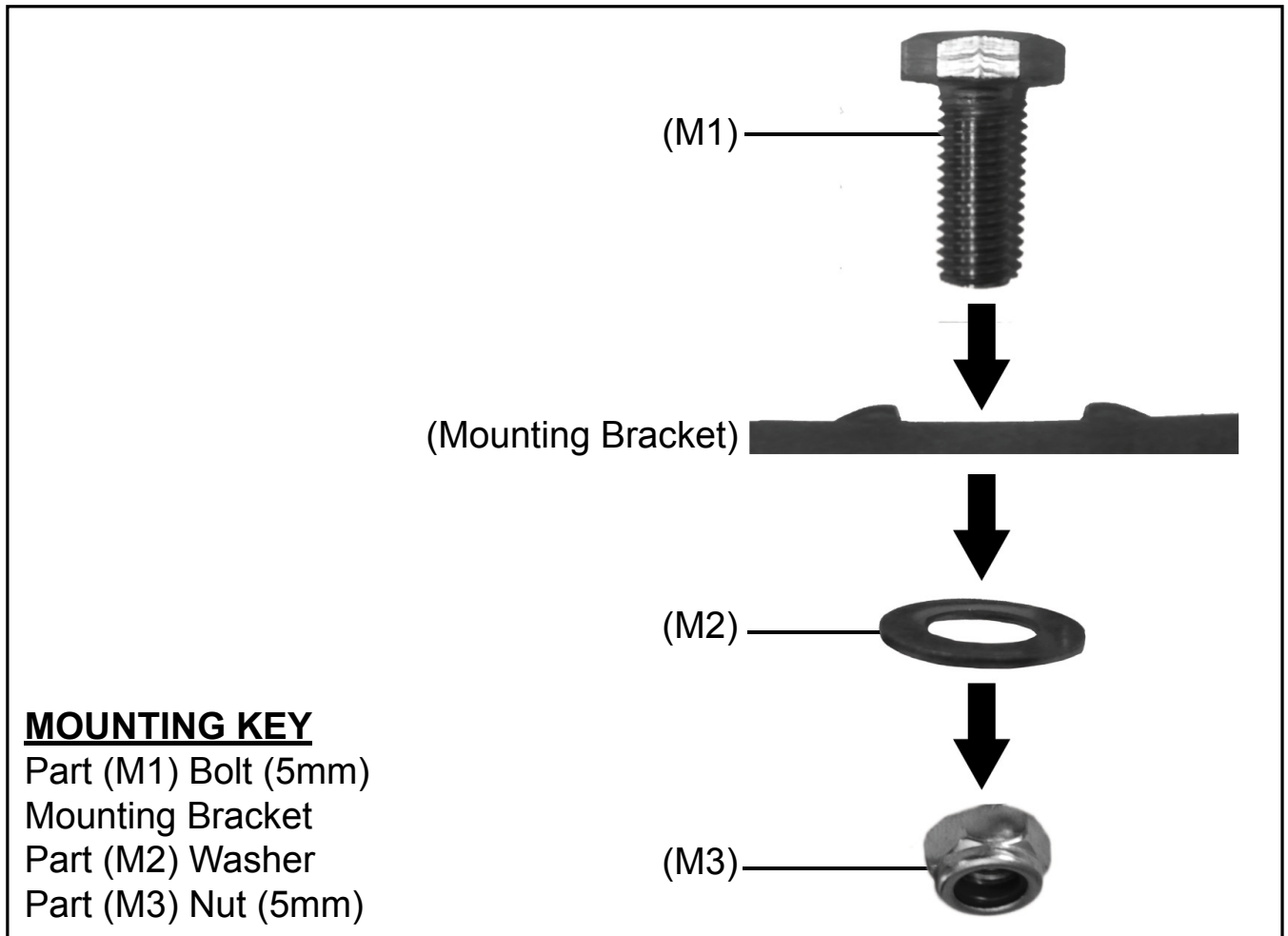
MOUNTING INSTALLATION

1. Determine where the light/lights will be placed.
2. Using a marker or pick tool, mark the bolt hole on the desired mounting surface.
3. Find the center point of the hole you have marked out and drill out a large enough hole to fit the 5mm bolt [Part M1].
4. Place the light down on Desired Mounting Surface, Lining up the bolt in the Mounting Bracket with the Hole you just Drilled, Slide 5mm Bolt [Part M1] through both.
5. On the other side of Mounting Surface slide 5mm Washer [Part M2] and 5mm Nylock Nut [Part M3] onto 5mm Bolt. [Part M1] Tighten Nut [Part M3] & Bolt [Part M1] to Desired Tightness.
6. Hold Light while tightening the Allen Head Bolt [Part M4], that connects the light to the mounting bracket to Desired Tightness.

LIGHT ANGLE ADJUSTMENT

1. Use the 5mm Allen Key [Part M5] to loosen each of the Allen Head Bolts [Part M4] on either side of the light.
2. Adjust the light until you have your desired angle.
3. Then, tighten the Allen Head bolts [Part M4] to hold the desired position.





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.

ADDITIONAL INFORMATION

If needed, additional information and related products, as well as a digital copy of these instructions, can be located online at www.visionxusa.com



You May Also Be Interested In:

Beam Pattern and Color Changing Poly Carbonate Lenses to Create 21 Lights in 1!



Part # - 9151151
Item # - PCV-CP1
Pattern - Spot



Part # - 9151243
Item # - PCV-CP1EU
Pattern - Euro



Part # - 9890661
Item # - PCV-CP1EL
Pattern - Elliptical



Part # - 9151335
Item # - PCV-CP1FL
Pattern - Flood



Part # - 9890562
Item # - PCV-CP1WF
Pattern - Wide Flood



Part # - 9157726
Item # - PCV-CP1Y
Pattern - Spot



Part # - 9157818
Item # - PCV-CP1YEU
Pattern - Euro



Part # - 9890579
Item # - PCV-CP1YEL
Pattern - Elliptical



Part # - 9157900
Item # - PCV-CP1YFL
Pattern - Flood



Part # - 9890586
Item # - PCV-CP1YWF
Pattern - Wide Flood



Part # - 9157184
Item # - PCV-CP1B
Pattern - Spot



Part # - 9157276
Item # - PCV-CP1BEU
Pattern - Euro



Part # - 9890647
Item # - PCV-CP1BEL
Pattern - Elliptical



Part # - 9157368
Item # - PCV-CP1BFL
Pattern - Flood



Part # - 9890654
Item # - PCV-CP1BWF
Pattern - Wide Flood



Part # - 9162492
Item # - PCV-CP1R
Pattern - Spot



Part # - 9157542
Item # - PCV-CP1REU
Pattern - Euro



Part # - 9890678
Item # - PCV-CP1REL
Pattern - Elliptical



Part # - 9157634
Item # - PCV-CP1RFL
Pattern - Flood



Part # - 9890883
Item # - PCV-CP1RWF
Pattern - Wide Flood