



## INSTALLATION INSTRUCTIONS

# CHASER REAR LED SYSTEM

Installation Instructions & User's Manual



## About the Vision X Chaser Bar



### **FEATURES**

1. Low profile design.
2. High output color LEDs.
3. Multi function rear lighting.

### **CHASER BAR SPECIFICATIONS**

1. Warranty : Extended
2. Amp Draw : 12.5A @ 12V DC
3. Input Voltage : 9-32V DC
4. Beam Patterns : 60° Running & Brake light built in.
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 an LED lamp or other part replacement is needed please contact your authorized service center.

# CHASER BAR



## 1 Chaser Bar



LIGHT

Qty: 1

## 2 Mounting Foot



PART (F1)

Qty: 3

## 3 Wing Mounts (Optional)



PART (W1)

Qty: 2

## 4 Hex Head Bolt [M8]



PART (M1)

Qty: 2

## 5 Washer [M8]



PART (M2)

Qty: 2

## 6 Nylock Nut [M8]



PART (M3)

Qty: 2

## 7 Wing Bolt



PART (B1)

Qty: 2

## 8 Rubber Grommet



PART (G1)

Qty: 2

# VISION X



## **CHASER** **REAR LED SYSTEM**



### **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.

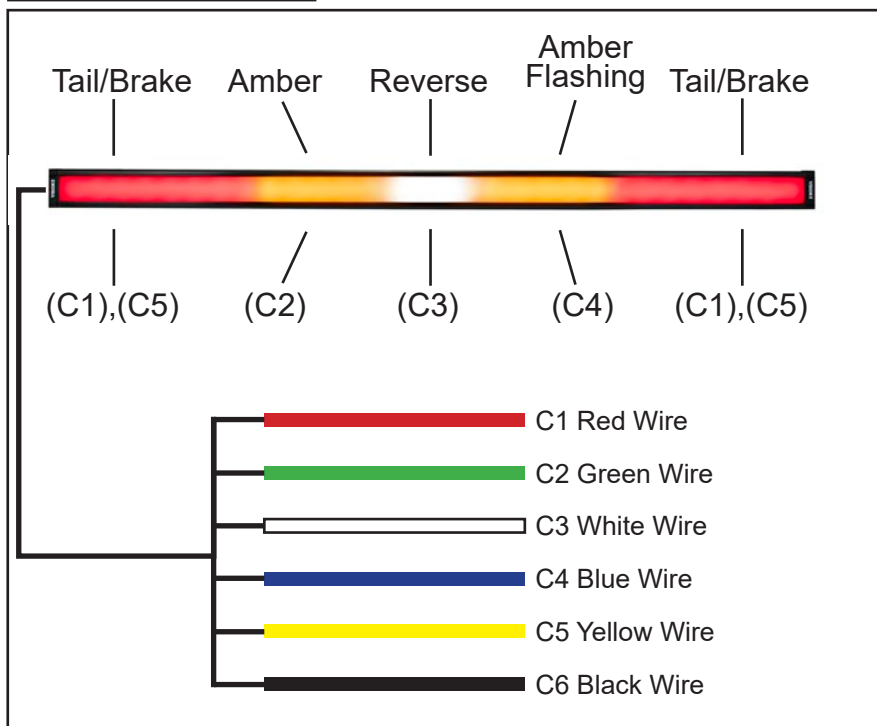
### **MANUFACTURER RECOMMENDATION**

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

# CHASER BAR



## WIRING DIAGRAM:1



## WIRE FUNCTION KEY

### **C1 Red Wire: Tail Light**

- Red LEDs (30% Power) lights up both sides

### **C2 Green Wire: Solid Amber Light**

- Amber LEDs lights up driver side

### **C3 White Wire: Revers / Utility Light**

- White LEDs lights up center

### **C4 Blue Wire: Flashing Amber Light**

- Amber LEDs lights up passenger side (3hz flasher)

### **C5 Yellow Wire: Brake Light**

- Red LEDs (100% Power) lights up both sides

### **C6 Black Wire: Ground**

- Grounds Chaser Bar

**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 FOR WINGS- OPTIONAL (END CAPS)**

1. Insert two (2) rubber grommets Part (G1) on each side of the LED bar over the appropriate threaded bolt holes. See [Figure 1]
2. Place the mounting wings Part (W1) over the rubber grommets (G1) and insert the wing bolts Part (B1). See [Figure 2]
3. Use a phillips screwdriver to tighten the wing bolts (B1), starting with the top bolt first. See [Figure 2]
4. Place the Chaser Bar on the location where it will be mounted.
5. Determine where the M8 bolt Part (M1) will be placed for each wing, and mark the bolt location for each side.
6. Drill a hole for the M8 bolt using a 6.8mm drill bit.
7. Line the Chaser Bar wings over the drilled hole and slide the M8 bolt (M1) through.
8. Slide the washer Part (M2) on the opposite side of the drilled hole followed by the nut Part (M3), and screw until secured. See [Figure 5]

## **MOUNTING INSTALLATION INSTRUCTION FOR FEET**

1. Set the Chaser Bar in the location you plan to mount. Mark each end of the Chaser Bar and measure the length.
2. Depending on the length of your Chaser Bar, will determine the number of mounting feet Part (F1) included in the packaging. These feet fit into grooves on the back of the Chaser Bar. See [Figure 3]
3. Place each mounting feet (F1) (with bolt head pointing into Chaser Bar) into the feet grooves on the back of the Chaser Bar.
4. Mark the location of each mounting feet (F1) on your vehicle. Drill holes for each. The feet can slide inside the grooves, letting you fine tune the location.
5. Line up the feet (F1) with the previously drilled holes and place the Chaser Bar onto your vehicle.
6. Securely tighten the nut to the mounting feet bolt.

# CHASER BAR



## INSTALLATION IMAGES

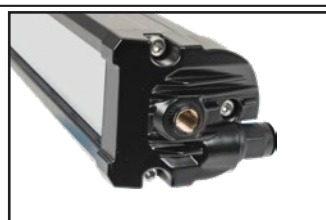


Fig. 1



Fig. 2



Fig. 3

## WING INSTALLATION IMAGE

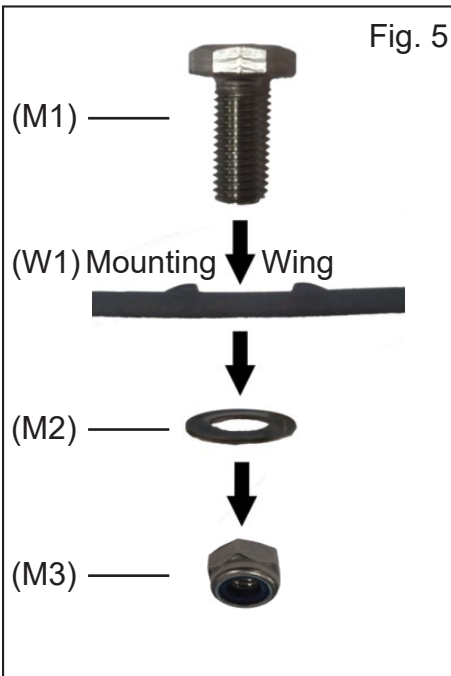


Fig. 5

## LIGHT ANGLE ADJUSTMENT

1. With Mounting Feet : Use 13mm wrench / sockets to loosen bolts on mounting feet. Slide the Chaser Bar up or down to angle the beam. Once desired angle is achieved, tighten the bolts. See [Figure 3]
2. Wing Side Wing Mounts : Use philips head screwdriver or socket to loosen bolts on both sides of Chaser Bar and adjust Chaser Bar to desired angle. See [Figure 2]
3. A good reference point is at 20 ft; the top of the beam should be 3" down from center of light (with the Chaser Bar at dead center). Tighten light and enjoy.

**TIP:** Vision X recommends the use of liquid thread-locker, or Loctite, to ensure that every bolt and nut are safely secured.



## You May Also Be Interested In:



Part # - 4000308  
Item # - XIL-LICENSEP  
License Plate Bracket for Light Bars up to 20"



CLAMP TUBE MOUNT  
(0.75"-3.0" Diameters Available)



SECURITY NUT  
Available in multiple sizes



SECURITY BOLT  
Available in multiple sizes