



Upper Bumper Mounting Kit
Ford Bronco
XIL-OESB21FB

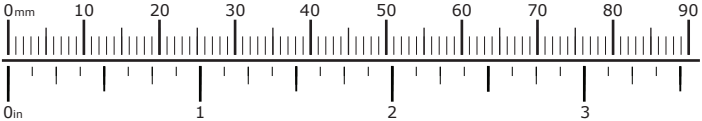
Thank you for choosing VISIONX
We know you would rather be driving your vehicle than wrenching on it, so we go the extra mile to make sure our instructions are clear and as easy to understand as possible. If you have any questions, comments, or suggestions don't hesitate to give our gear experts a call at +1 253 338 8716 or visit WWW.VISIONXOFFROAD.COM

Please Read Before Installing
VISIONX products should always be installed by a qualified technician. If you are unsure of your ability to properly install a product, please have the product installed by your local dealer. VISIONX takes no responsibility for damages caused by improper installation. **Caution:** When installing electronics it is extremely important to pay close attention to how wires are routed.

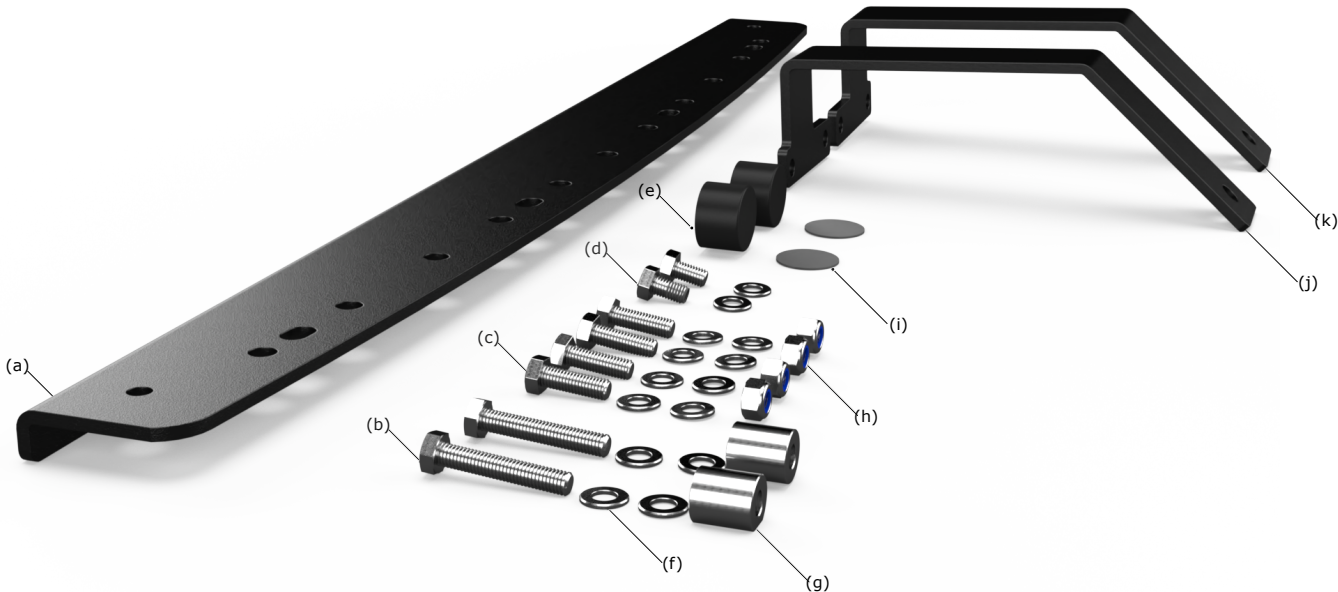
Installation Tips
We strongly recommend using medium strength liquid thread locker on all screws, nuts, and bolts. It is also important to ensure that all hardware is tightened to the proper torque specifications as listed in your owner's manual. For included accessory hardware please refer to the default torque specifications provided below. Inspect all hardware after the first 30 miles to ensure proper torque specifications are maintained.

Bolt Size	in-lbs	ft-lbs	Nm
M3	10.0 in-lbs	-	1.0 Nm
M4	23.0 in-lbs	-	2.5 Nm
M5	44.5 in-lbs	3.5 ft-lbs	5.0 Nm
M6	78.0 in-lbs	6.5 ft-lbs	9.0 Nm
M8	-	13.5 ft-lbs	18.0 Nm
M10	-	30.0 ft-lbs	41.0 Nm
M12	-	52.0 ft-lbs	71.0 Nm

Hardware Sizing Guide
Not sure what size bolt you have? Use this ruler to measure screws, bolts, spacers, etc. Remember, the length of a screw or bolt is measured from the start of the "mounting surface" to the end of the screw, so only include the screw head when measuring countersunk screws.



What's In The Box?



Mounting Kit Contents

- (a) Modular Bumper light Mount.....Qty 1

(b) M8 x 45mm Hex Head Bolt....(DIN 931).....Qty 2

(c) M8 x 20mm Hex head Bolt....(DIN 933).....Qty 4

(d) M8 x 14mm hex head Bolt....(DIN 933).....Qty 2

(e) M8 x 20mm Rubber Bumper.....Qty 2

(f) M8 Washer DIN 125.....Qty 14
- (g) M8 Spacer....OD:18mm, ID:8.2mm, H:20mm.....Qty 2

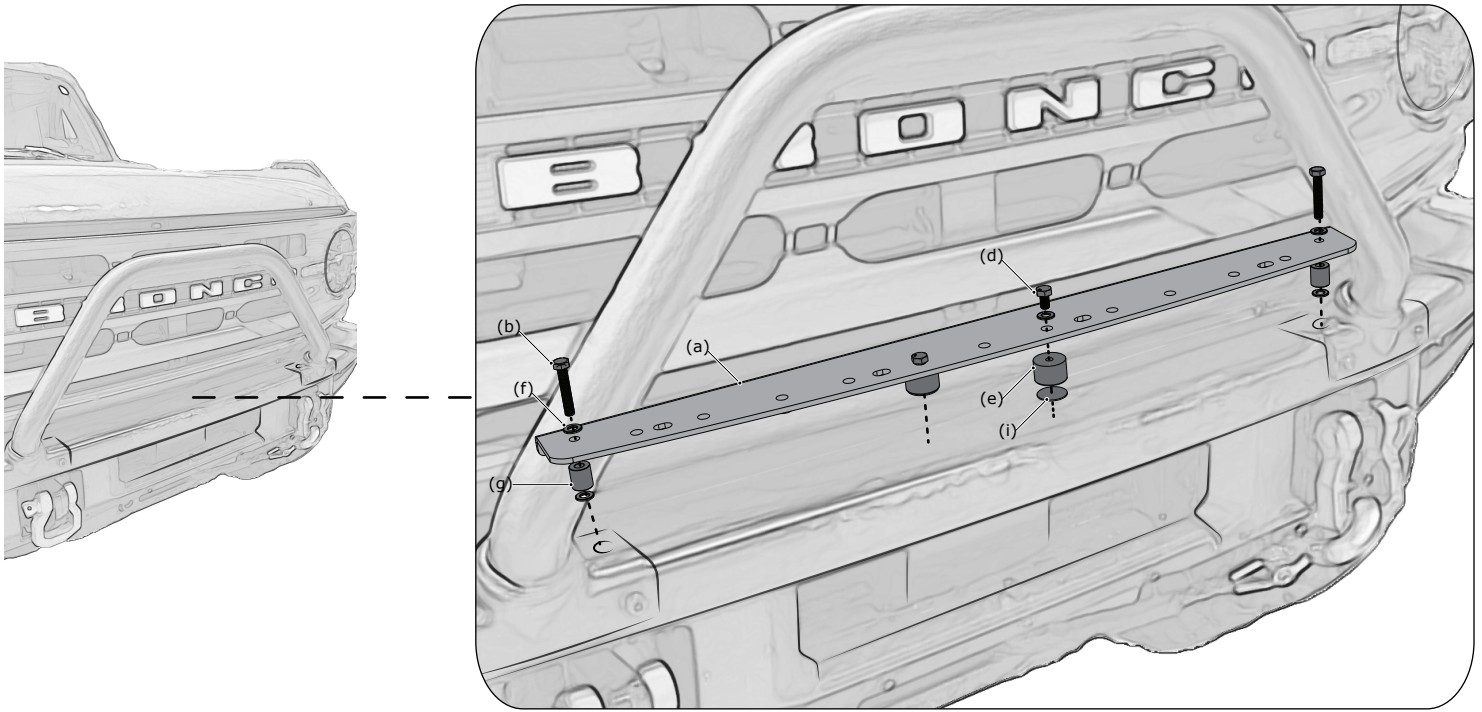
(h) M8 Nyloc Nut.....Qty 4

(i) 2mm x 28mm OD VHB Tape.....Qty 2

(j) Passenger Side Support Bracket.....Qty 1

(k) Driver Side Support Bracket.....Qty 1
- Tools Required:** Torx Bit Set, 13mm Socket and Wrench

1. Minimal Mounting Option



Installation

Step One: Locate the mounting holes on the top of the bumper and remove the two factory M8 Screws.

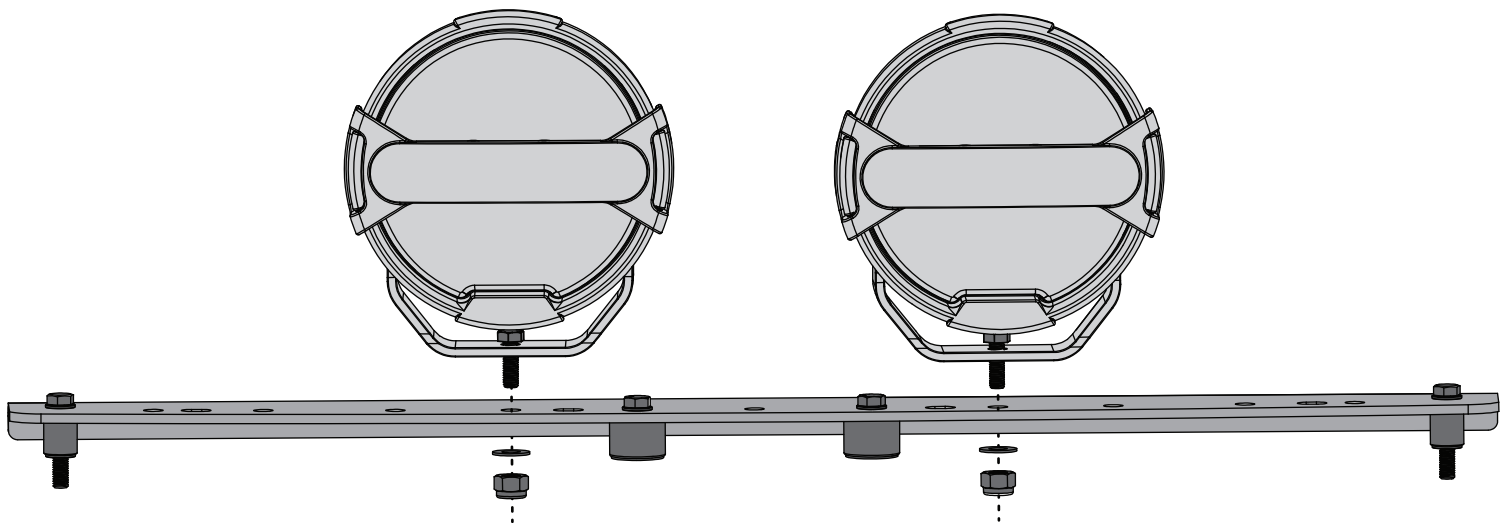
Step Two: Install the mounting bracket (a) using the two M8 x 45mm Hex head Bolts (b), M8 washers (f) and M8 Spacers (g).

Note: If your vehicle has a bull bar installed on the bumper like in the above image, you do not need to put a washer under the M8 Spacer (g). If you do not have a bull bar mounted you will need to add a washer (f) below the Spacer (g) in order to achieve the right height.

Additional Support

Step Three: In applications where 4 or less lights are being mounted, install the rubber support bumpers. Apply the VHB Tape circles (i) to the bottom (flat non-threaded side) of the rubber bumpers (e) and secure them to the bottom of the mounting bracket using the two M8 x 14mm hex head screws (d) and M8 washers (f).

2. Mounting The Lights

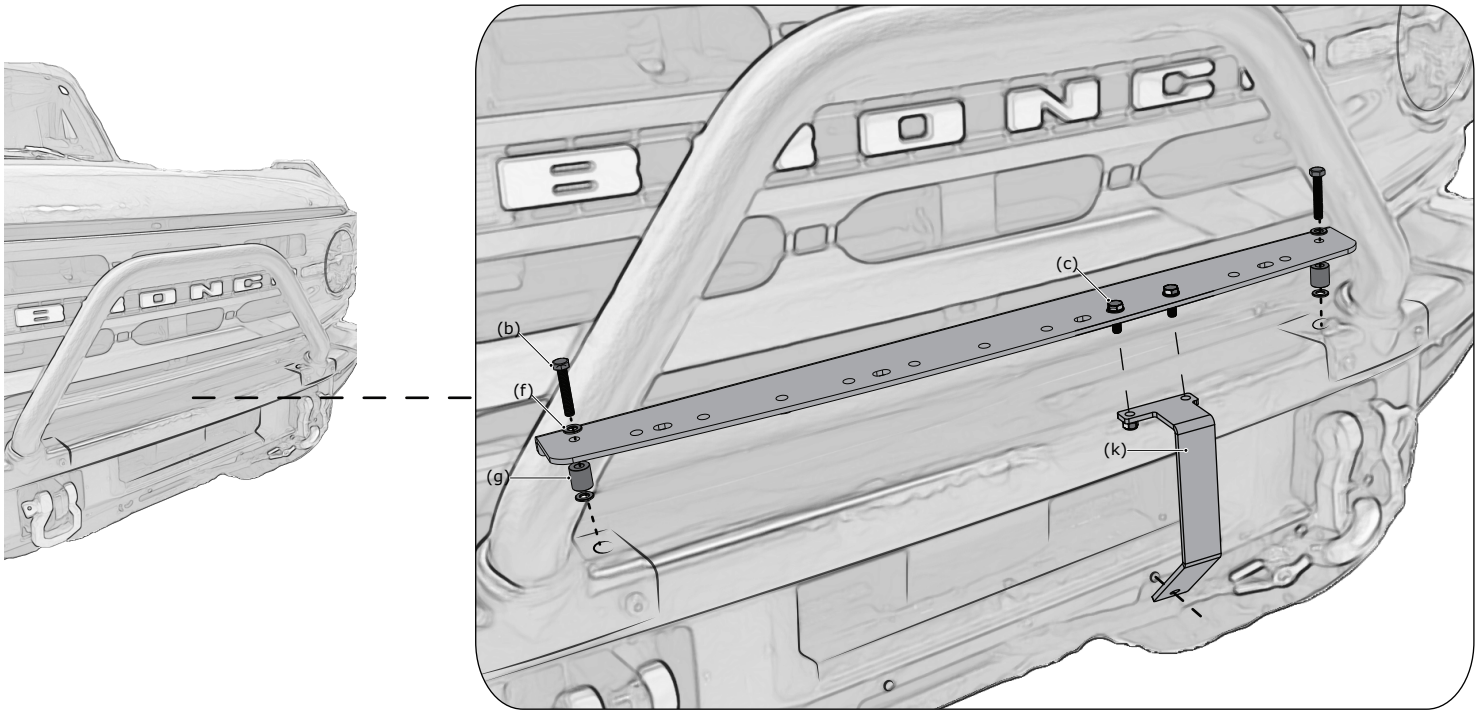


Lighting Configurations

Note: Set ups with 4 or less lights can be evenly spaced symetrically along the mounting shelf. Make sure to avoid mounting too close to the bolt heads that secure the rubber bumpers.

3. Reinforced Mounting Option

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Prepping The Mounting Location

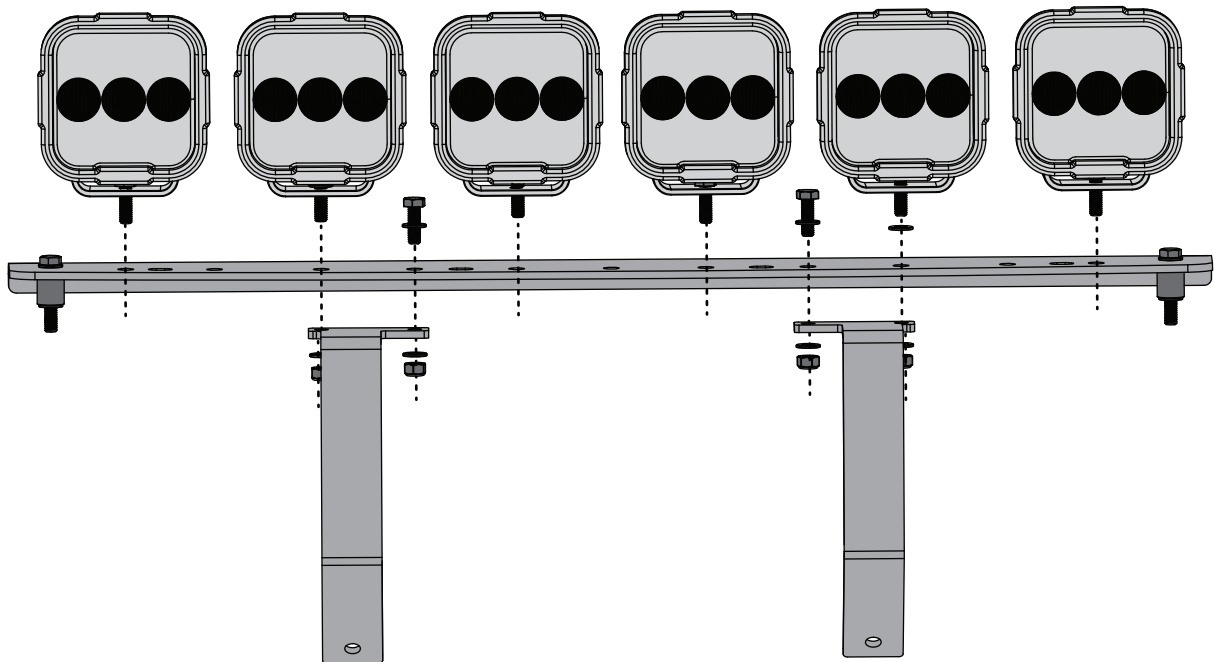
Note : In applications where 5 or more lights are being mounted to the bracket, the additional support arms should be installed.

Step One: Mount the support brackets (j) & (k) to the bottom of the mounting bracket (a) using two M8 x 20mm hex head bolts (c), M8 Washers (f), and M8 Nylock Nuts (h) each.

Mounting The Brackets

Step Two: Mount the bottom of the support brackets to the Bronco Bumper, reusing the factory screws in those locations to secure it.

4. Mounting The Lights



Lighting Configurations

Note : In Applications of 5 or more lights, if the head of one of the mounting bolts on the mounting shelf interferes with the placement of a Light Pods hinge bracket, adjust the position of the light so its mounting hole is aligned with the support brackets mounting hole and bolt them together.