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THE SCIENTISTS OF LIGHTING

24-On Can Am Maverick R, OnX6+/S8/7XL Linkable

Roof Kit Instructions

(44-8198, 44-8199, 44-8200)



2950 Norman Strasse San Marcos, CA 92069

Phone 760-560-2252 X3 • Fax 760-560-0383

info@bajadesigns.com • www.bajadesigns.com



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LIMITED LIFETIME WARRANTY

Baja Designs proudly offers a LIFETIME WARRANTY against manufacturer's defect on all the products that we manufacture.

These are comprehensive warranties; other than the exclusions below – you're covered. If your LED or HID bulb burns out, you're covered. Additionally, cutting off our connector or changing your lenses does not automatically void your warranty.

Exclusions:

Installation errors, abuse, misuse, or crash damage. You must be the original owner of the product and can supply proof of purchase.

Baja Designs manufactures its own products as well as resells products manufactured by others. Baja Designs makes no express or implied warranties on products not manufactured by Baja Designs including without limitation any warranties or merchantability and fitness for a purpose. We will, however, pass on all warranties made by the manufacturer, who has sole responsibility for performing such warranties.

Baja Designs will pay the freight if your product is less than 90 days old, otherwise defective products must be returned to Baja Designs, Inc., freight prepaid. At our option, we will repair or replace items in question and return them at no charge. If the identical product is no longer available, we will replace it with a similar product of equal value. Baja Designs Inc. will not be responsible for any indirect or consequential damages in connection with defective merchandise.

Items purchased through a Baja Designs authorized dealer must be returned through the dealer. Only available on LED auxiliary lights and product must be in sellable condition at MSRP. Product that has been damaged in any way after the original purchase date will be excluded from this guarantee.

Indemnification:

Buyer hereby acknowledges off-roading, racing and driving at night are dangerous activities and that the products and/or supplies purchased from Baja Designs are used in an inherently dangerous activity that may endanger life and limb; and in no event shall the seller, or seller's heirs and assigns, be held liable for consequential damages, nor shall seller's liability on any claim for damages arising out of or connected with the sale, delivery, or use of purchased products and/or supplies exceed the purchase price of the products and/or supplies.

Buyer is responsible for ensuring that it uses the products (and its vehicle) in accordance with all applicable laws, regulations, guidelines, and standards of care. Buyer acknowledges that some products may only be used when off-roading, and Buyer will comply with all vehicle and road safety guidelines. Buyer is solely responsible for (and will indemnify and hold Bestop harmless for) any claims, losses, damages, fines, fees, costs, or other amounts arising out of Buyer's non-compliance with these provisions.


****For a color copy of instructions, visit your vehicle specific application on BajaDesigns.com ****

Required Tool(s):

- 13mm, 10mm Wrench
- 13mm, 10mm, 7/16 Socket
- 3/16 Drive, 5/32 Drive Allen Key
- T25, T27, T30, 5mm Allen Bit or Driver
- 3/8 or 1/4 Drive Ratchet/Socket Wrench

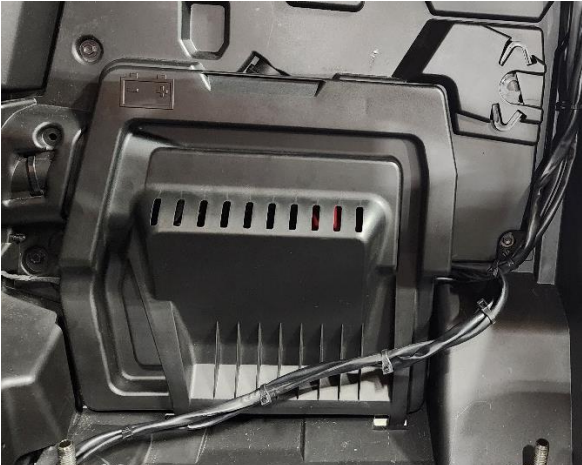

Parts List:

 <p>(44-9408) (Qty: 1) Roof Bracket DS</p>	 <p>(Qty:1) Wire Harness</p>	 <p>(20-1327) (Qty:4) Hardware, M6 X 1.00 X 85mm Stainless Socket Head Bolt</p>	 <p>(20-1020) (Qty:8) Hardware M6 Flat Washer</p>
 <p>(44-9409) (Qty:1) Roof Bracket PS</p>	 <p>(Qty:1) Light bar/ XL Linkable</p>	 <p>(20-2317) (Qty:2) M8 Spacer .75ODX1.25 Length Black</p>	 <p>(20-1690) (Qty: 4) Hardware, M6 Nylock Nut 18-8 Stainless</p>
 <p>(20-1022) (QTY: 2) Hardware, 8mm Flat Washer</p>	 <p>(20-1278) (Qty: 1) Hardware, 1/4"-20 Extruded U Nuts</p>	 <p>(20-2012) (Qty: 1) Hardware, 1/4"-20 X 5/8" Stainless Hex Head Bolt (Qty: 5 If installing an XL Linkable)</p>	 <p>(20-1282) (Qty: 1) Hardware, 1/4 Flat Washer Stainless Steel (Qty: 5 If installing an XL Linkable)</p>
 <p>(20-1612) (Qty:10) Hardware, Zip Tie 50 Lbs 8"</p>	 <p>(20-2302) (Qty:4) Hardware, Spacer M6 Screw .5"ODX.75" Length BLK (OnX6+ & XL Linkable Only)</p>	 <p>(20-2318) (Qty:4) Hardware, Spacer M6 Screw .5"ODX.875" Length BLK (S8 Only)</p>	 <p>74-8002 Pre-load Hardware Bag (XL Linkable Only)</p>

 <p>(20-1328) (QTY: 2) Hardware, M8 x 1.25 x 60mm Stainless Hex Bolt</p>			
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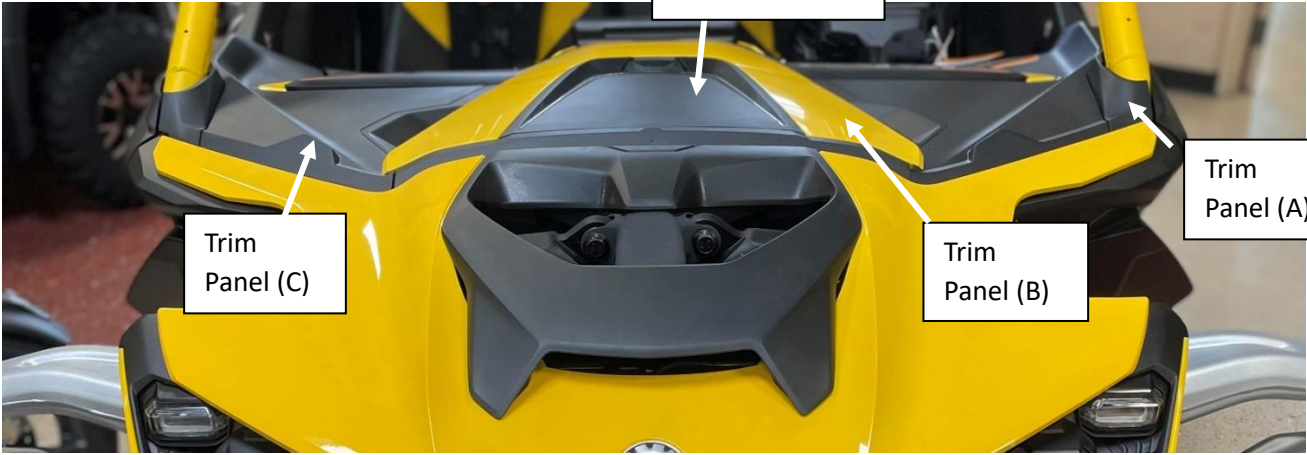
To begin, make sure the vehicle is in park and on level ground.

Step 1: Pull the driver seat forward

Remove the battery cover by pulling outward from the top. Using a 10mm wrench, remove the negative battery cable followed by the positive.

Step 2: Remove Fuse Box Cover
Remove Fuse Box Cover by pulling up on the latch.



The image shows the front of a yellow vehicle with a grey fuse box cover. Labels with arrows point to the 'Fuse Box Cover' at the top center, 'Trim Panel (A)' on the right side, 'Trim Panel (B)' on the lower right side, and 'Trim Panel (C)' on the lower left side.

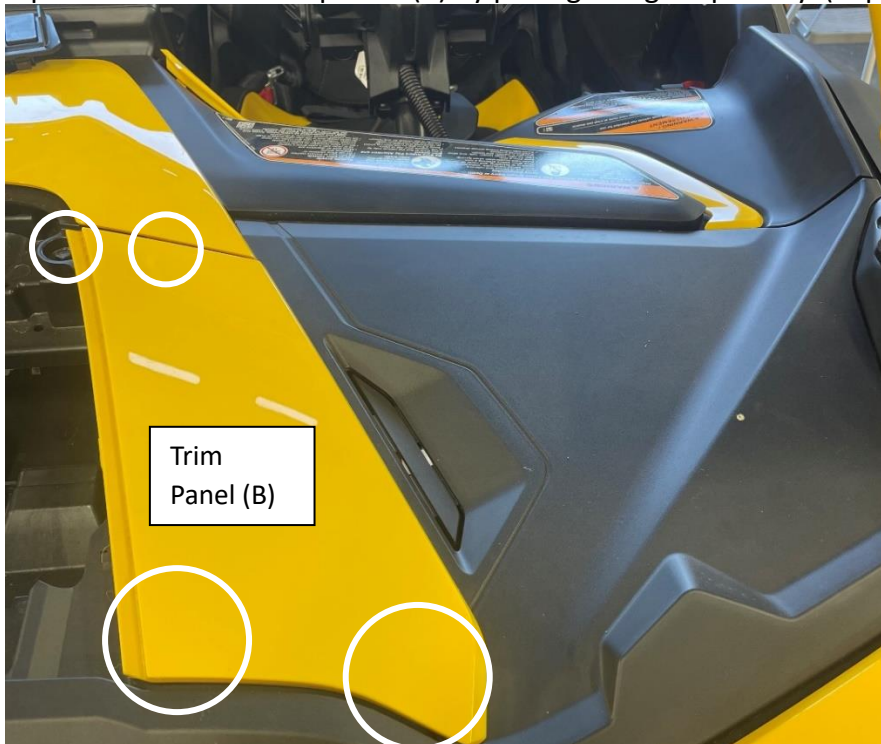
Step 3: Remove small trim panel (A)

At the base of each A-pillar remove the bolt using a T25 Bit or driver.



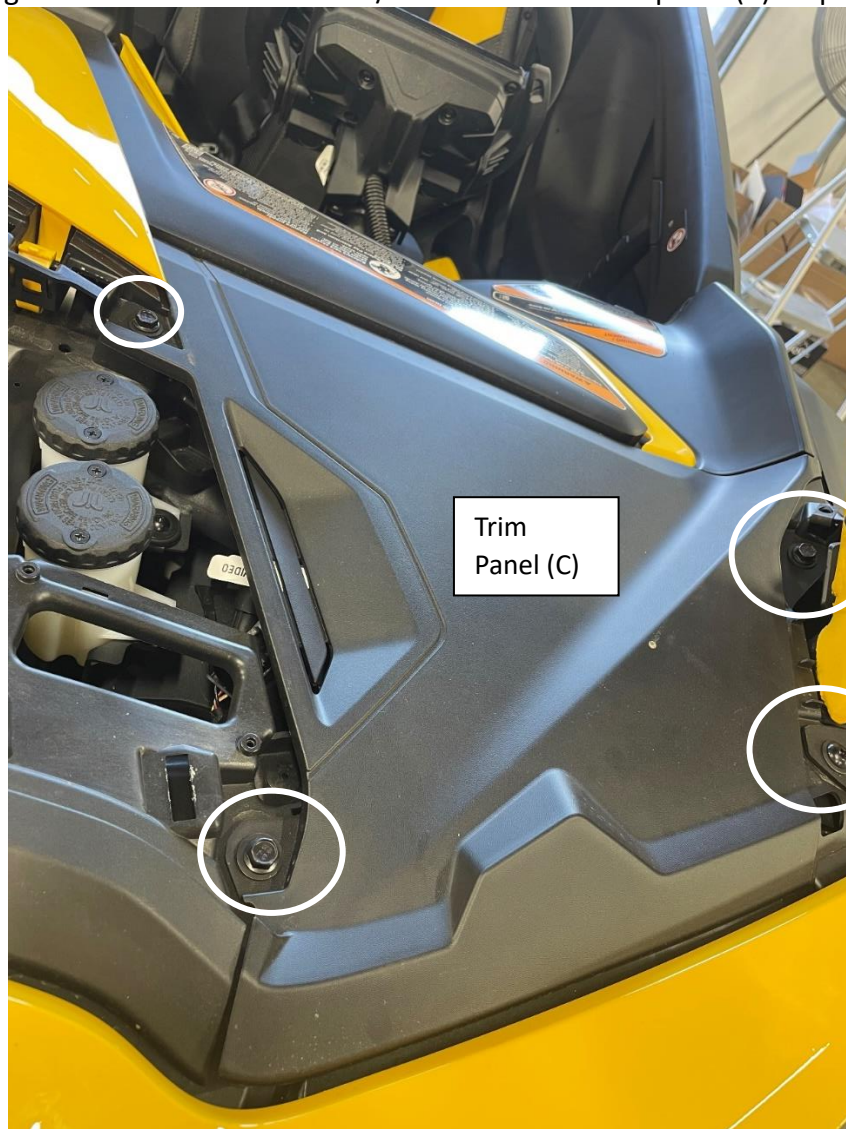
Step 4: Remove trim panels (B)

On both sides of the open hood remove the panels (B) by pulling straight up firmly. (Clip locations circled)



Step 5: Remove trim panels (C)

Remove 4X Bolts using a 10mm socket and T27 Bit/Driver. Remove trim panel (C). Repeat on the other side.



Step 6: Remove roof bolts

Remove 2X bolts securing the roof to the frame (at the locations specified) using a 13mm wrench and T30 Bit or driver.

Note: Leave the OE spacer installed on the roof.



Step 7: Install Baja Designs Roof Bracket

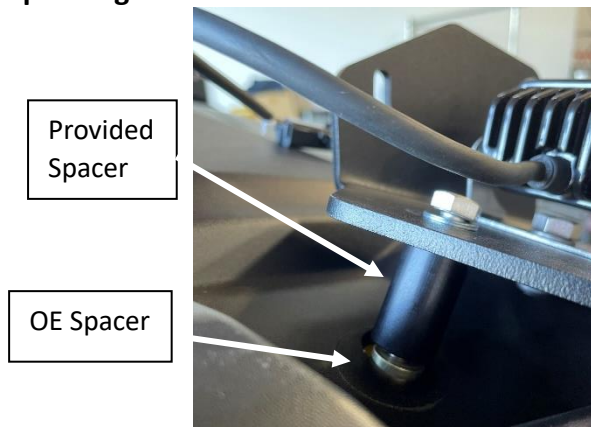
Secure the roof bracket (Driver side) to the cage with 2X M6X1X85mm bolts, 4X M6 washers and 2X M6 Nylocks. Leave them loose for now.



Step 8: Install Baja Designs Roof Bracket

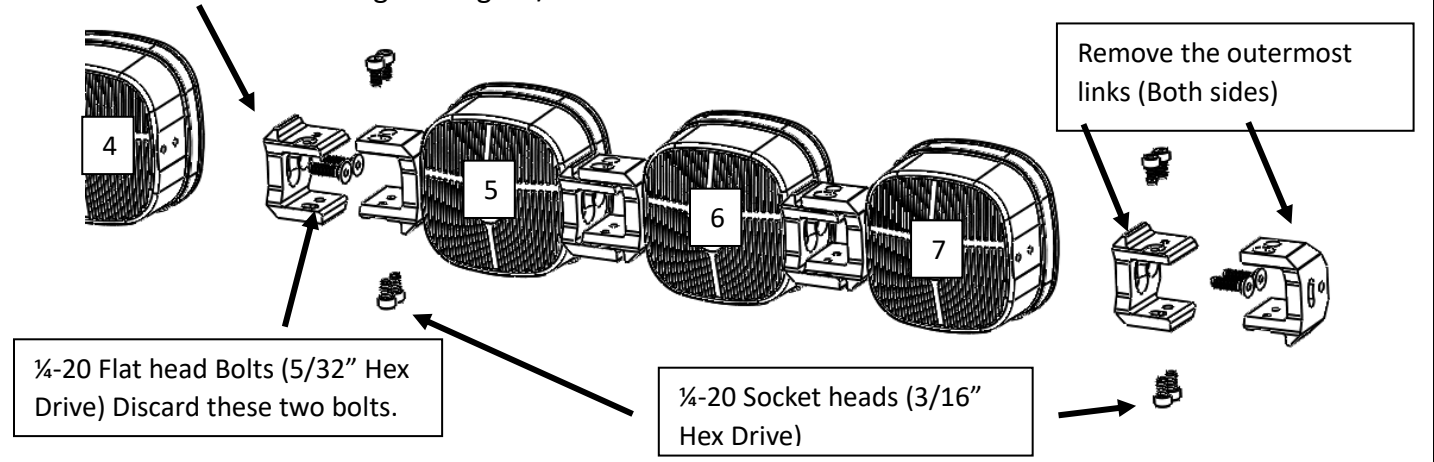
Using a 13mm Socket and wrench secure the roof bracket (Driver side) to the roof using 1X M8X1.25X60mm bolt, 1X M8 Washer and the OE provided washer and locknut. Leave them loose for now (Use the slotted hole for cage mount).

Repeat steps 5 -8 for the passenger side.



Step 9: Prep XL Linkable for install (Skip to step 12 if not using an XL Linkable)

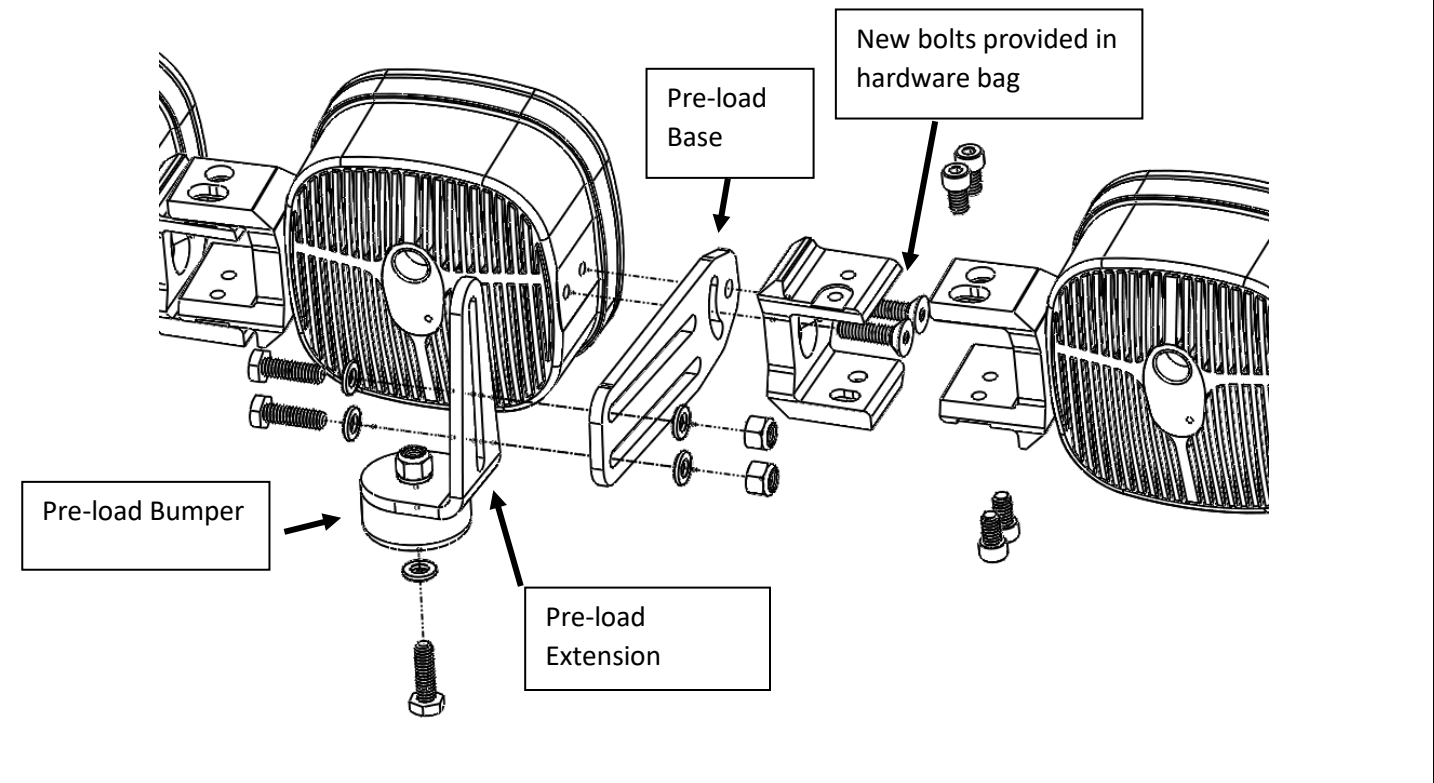
Remove the outermost pair of links using a 5/32" and 3/16" Hex Drive Allen key. Separate the Linkable between the 4th and the 5th light (Reference diagram below) using a 3/16" Hex Drive. Remove the link on the 4th light using a 5/32" Hex drive.



Step 10: Assemble the supplied pre-load kit

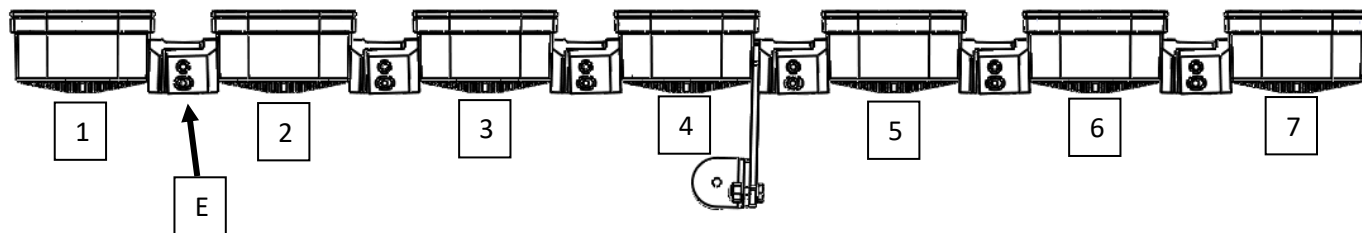
Using a 5/32" Hex Drive Allen key and the 1/4-20 X 1" Flat head bolts provided in the Pre-load kit hardware, sandwich the pre-load base as shown below.

Using a 7/16 Wrench and socket. Assemble the pre-load bumper and preload extension onto the pre-load base as shown below. Use the hardware provided in the pre-load kit hardware.



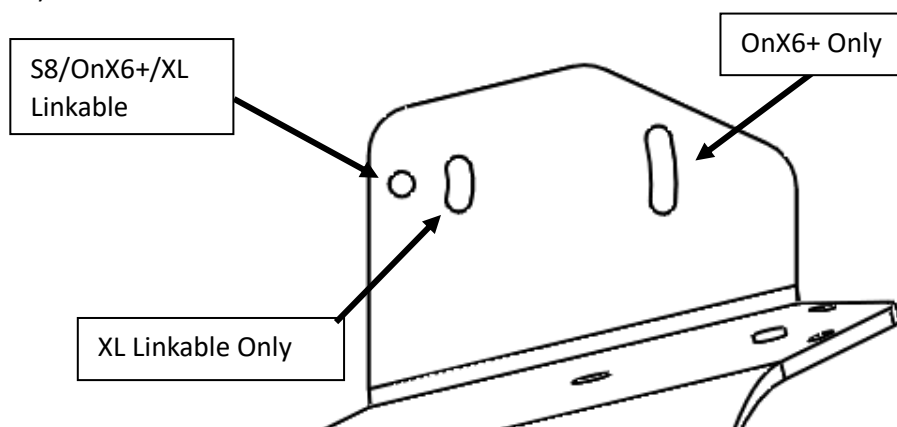
Step 11: Before fully tightening your pre-load bracket:

Loosen all outward facing socket head bolts (E) using a 3/16" Drive Hex along the length of the Linkable and lay the Linkable face down on a soft surface. Make sure the linkable is completely straight then re-tighten all bolts.



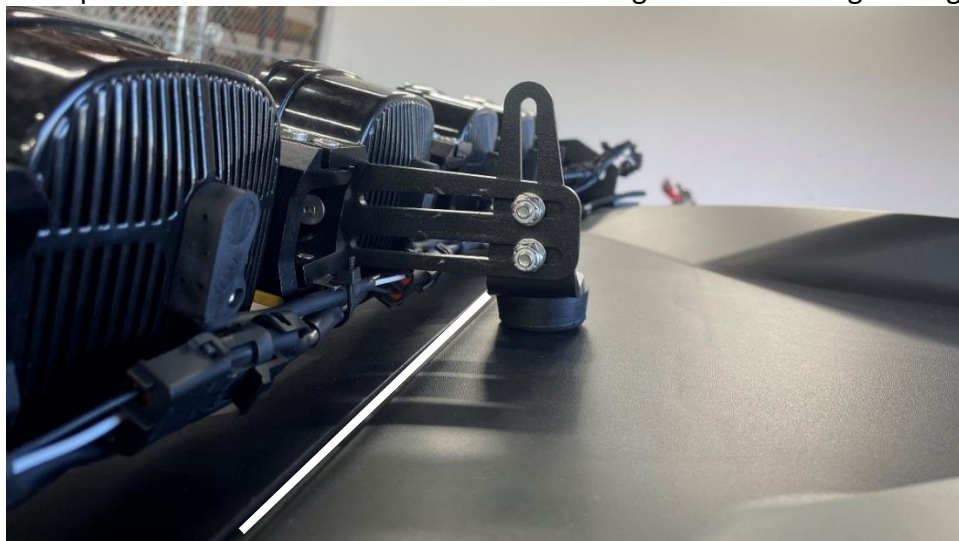
Step 12: Install your light bar/ Linkable

Bolt up the light bar/Linkable across the roof using the two brackets previously installed. Use a 7/16 Socket to install the hardware included with the light bar or Linkable (1/4-20 X 5/8 Hex Bolt and 1/4-20 Washers).



Step 13: (XL Linkable only)

Adjust your preload bracket such that it sits above the tube cage. Roughly 1 inch behind the line in the plastic roof. Adjust the preload bracket such that it holds the linkage level before tightening.



Step 14: Adjustments

Make sure your light bar/ linkable is level and centered. Tighten down all hardware.



Step 15: Secure Wire Harness

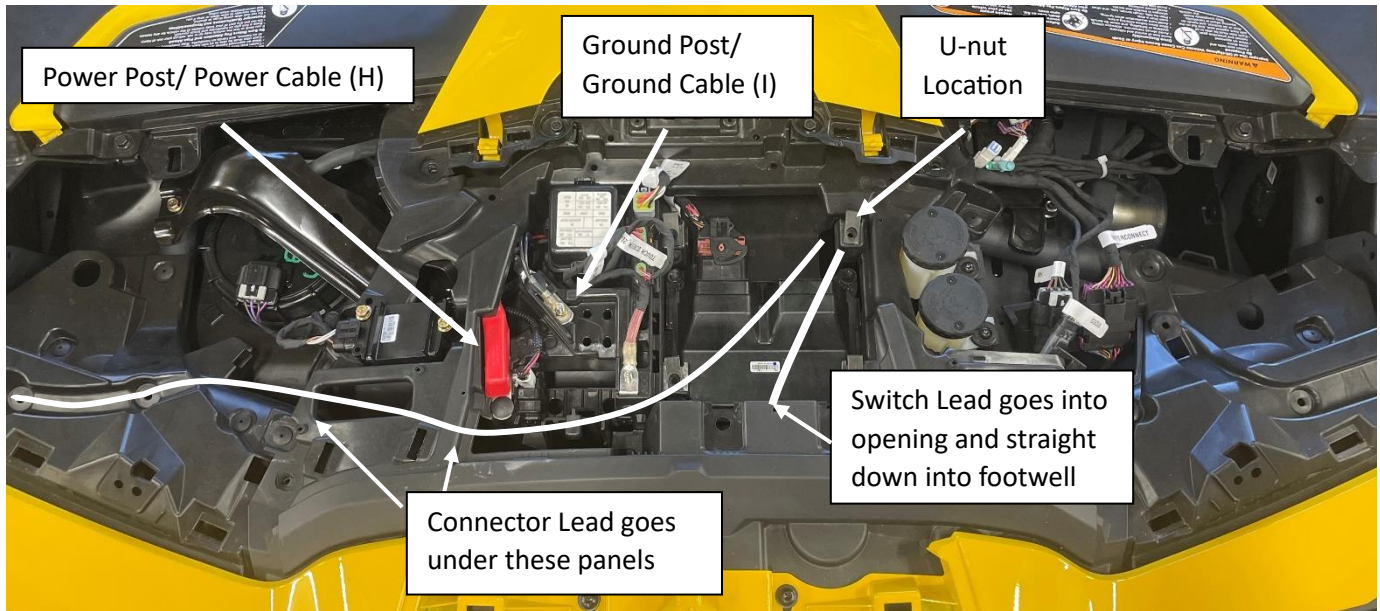
Install U-nut into bolt hole specified below (F). Use a 7/16 socket to secure the wire harness to U-nut using the provided 1/4-20 X 5/8 Hex bolt and 1/4 Flat washer.



Keyed Power (G)

U-nut Location (F)

Step 16: Route harness as shown. DO NOT attach connector onto exposed wire harness pins.

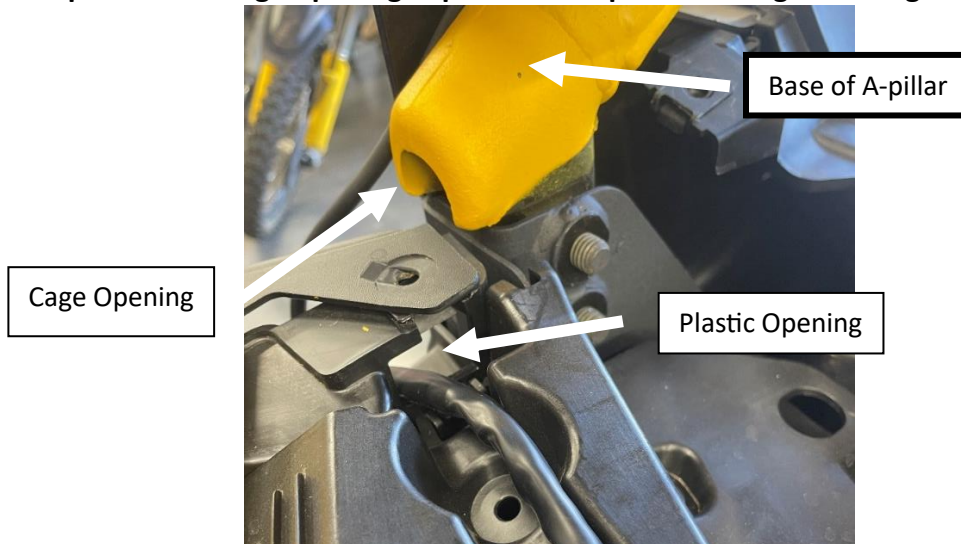


Step 17: Backlight Wiring (S8 Only)

If the harness has a third cable (Green) install it using the ring terminal provided at keyed power G (Seen in step 15) for S8 Backlight.

Note: If you are not using a backlight remove the ring terminal end on the green cable. DO NOT use the ring terminal if you are using an OnX6+ light bar.

Step 18: Route 3-pin lead through opening in plastic and up into the cage or alongside the cage.



Step 19: Install connector onto exposed pins *Critical*

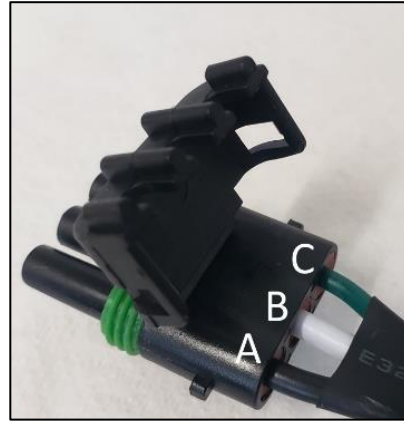
The connector is labeled with A-B-C
The pinout is as follows:

A- Black/Ground

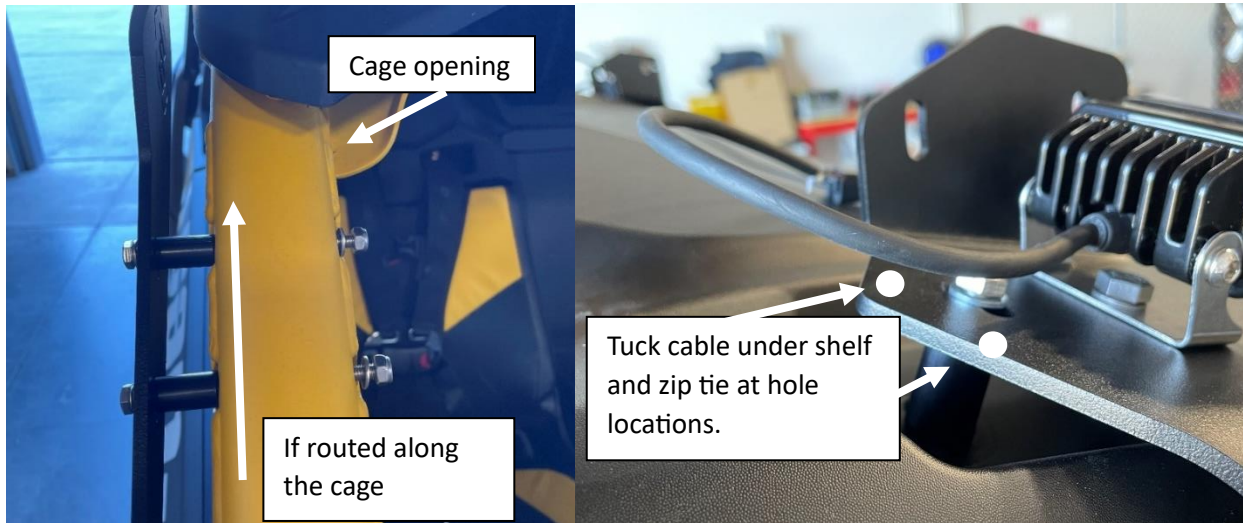
B- White/ Power

C- Green/ Dim or backlight

Note: Only S8 and Onx6+ harnesses will have a green wire.



Step 20: Run the harness out under the bracket then up to the light. Use the provided zip tie holes.



Step 21: Switch panel removal

Remove the rocker switch panel from the center dashboard by gently pulling on the switch panel.



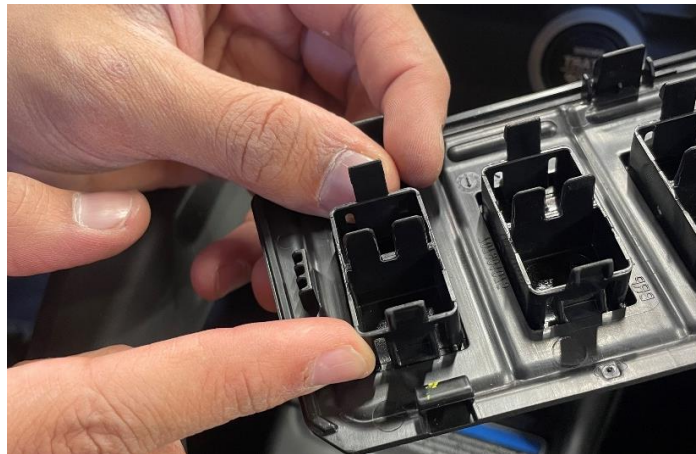
Step 22: Harness Routing

Run the switch lead through the footwell and under the center dashboard. Pull harness through opening. Reference step 16 for harness passthrough into the footwell.

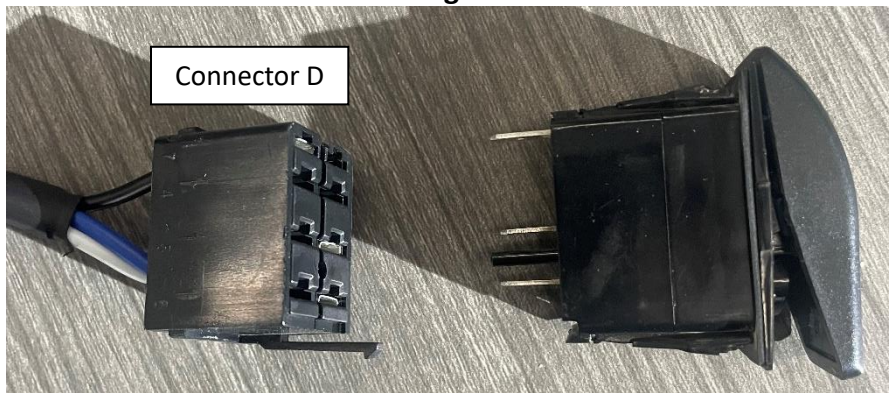
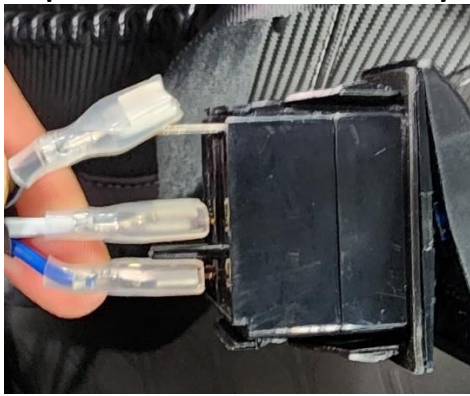


Step 23: Prep Switch Panel

Remove the blank(s) from the switch panel by squeezing the prong tabs on each side together and pushing the blank out.



Step 24: Proceed based on what your harness looks like from the images below



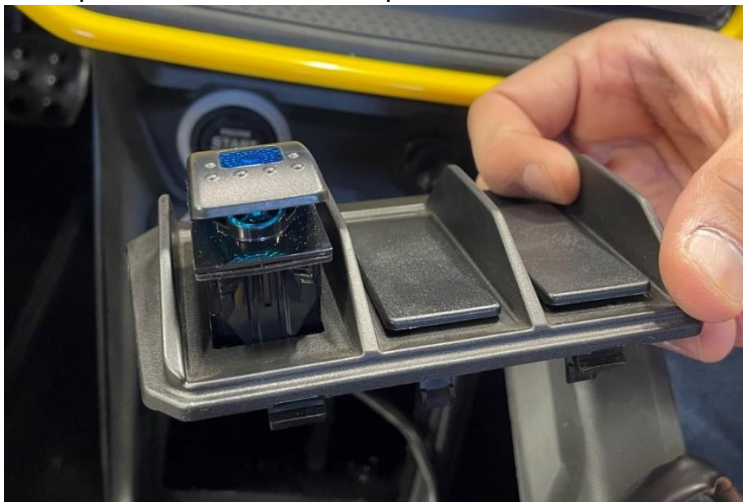
Remove the Rocker Switch(s) from Harness and **NOTE THE POSITION OF EACH COLOR CABLE.**

Pull the harness through the switch panel opening and re-connect the switch to the harness.

Pull the harness through the switch panel opening.
Connect the switch onto the black connector (D).

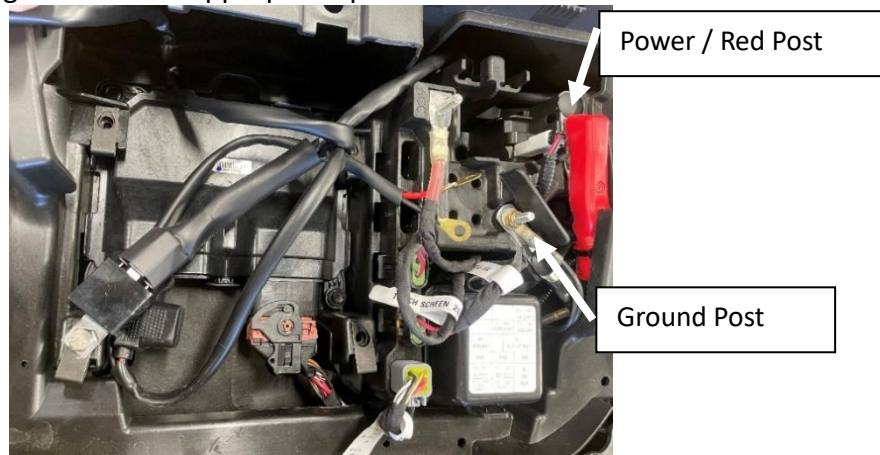
Step 25: Install Rocker Switch onto the switch panel.

Push Rocker switch into switch panel. Re-install Switch panel onto vehicle.



Step 26: Connect Harness

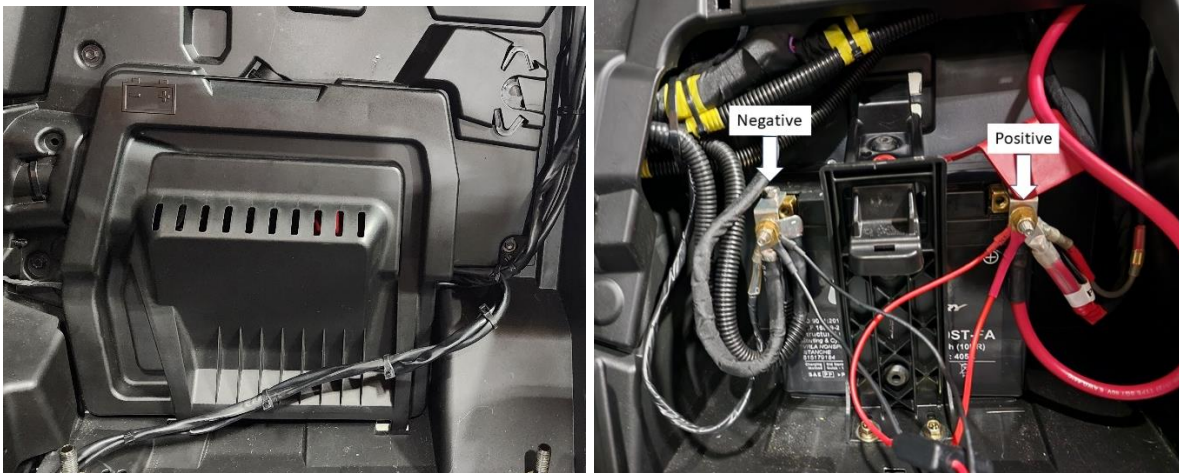
Connect ground and power ring terminals to appropriate posts.



Power / Red Post

Ground Post

Step 27: Reconnect battery cables



Negative

Positive

Using a 10mm wrench, reinstall the positive battery cable followed by the negative. Reinstall the battery cover by engaging the top two clips. Test light functionality.

Step 28: Re-install all trim panels

Make sure the harness is secured under the hood/ trim panels.

1. Re-install Trim Panel C (Both sides) Reference step 5
2. Re-install Trim Panel B (Both sides) Reference step 4
3. Re-install Trim Panel A (Both sides) Reference step 3

Make sure panels are correctly stacked for the best fitment.

*Tie all wires away from sharp, hot, and/or rotating components.

* Re-torque all the fasteners after 100 miles.

*Your install is now complete! Thank you for choosing Baja Designs.