



**2024-2025, Ford, Raptor R/37, 6 XL Linkable Kit
(44-8308)**



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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THE SCIENTISTS OF LIGHTING

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](https://www.bajadesigns.com) ****

Required Tool(s):

- 7mm socket, 10mm socket, T35 Torx bit
- 5/32", 3/16" hex key
- Trim removal tool

Product Warning: This XL Linkable Kit will block some of the view on the forward-facing camera.

Parts List:

 (44-9306) (Qty: 1) 2024-On Ford Raptor R XL Linkable Bracket DS	 (44-9307) (Qty: 1) 2024-On Ford Raptor R XL Linkable Bracket PS	 (74-9004) (Qty: 1) XL Linkable FOR KITS, 6 XL Clear, w/o Pre-Load Kit & Harness	 (64-0163) (Qty: 1) Hi-Beam Harness Max 300 Watts (De-pinned connector)
 (20-0273) (Qty: 4) 1/4-20 X3/8" Button Head SS Black	 (20-1253) (Qty: 4) Hardware, 1/4-20X 1" length Flat Head Bolt SS	 (20-1612) (Qty: 8) Hardware, Zip tie	

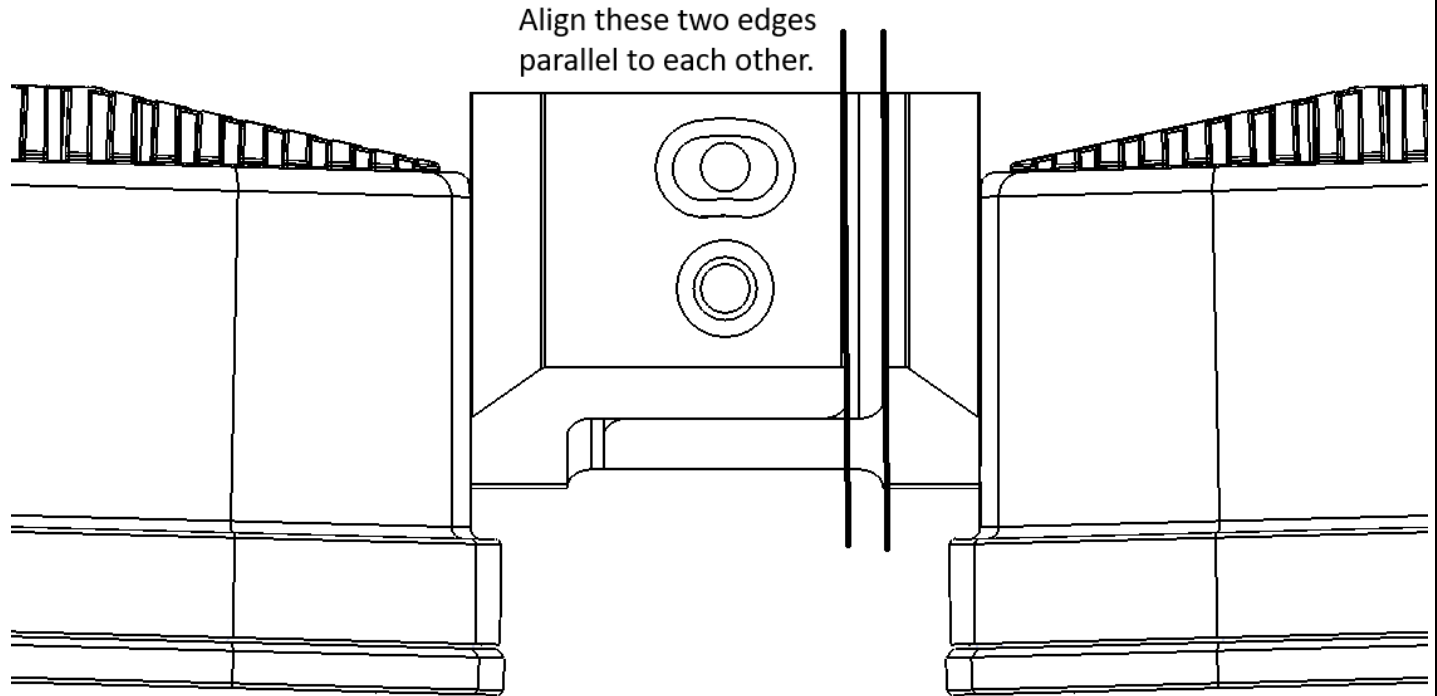
To begin, make sure the vehicle is in park, on level ground and the parking brake is engaged.

Step 1: Using a 10mm socket, remove the negative cable from the battery.

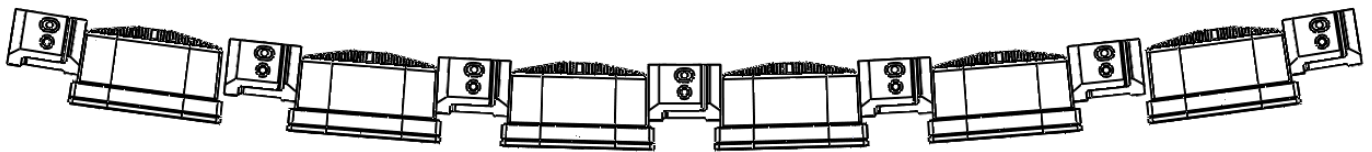


Step 2: Prepare Baja Designs Linkable

Arc the XL linkable by loosening each link with a 5/32 Hex tool. Align each link as shown below and re-tighten each link.

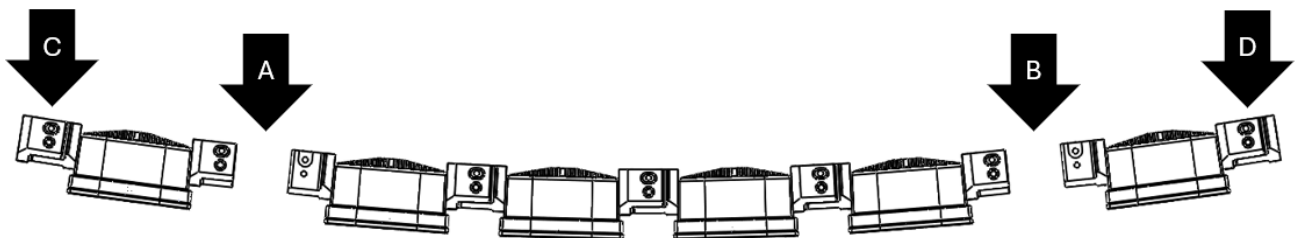


Linkable should look like this:



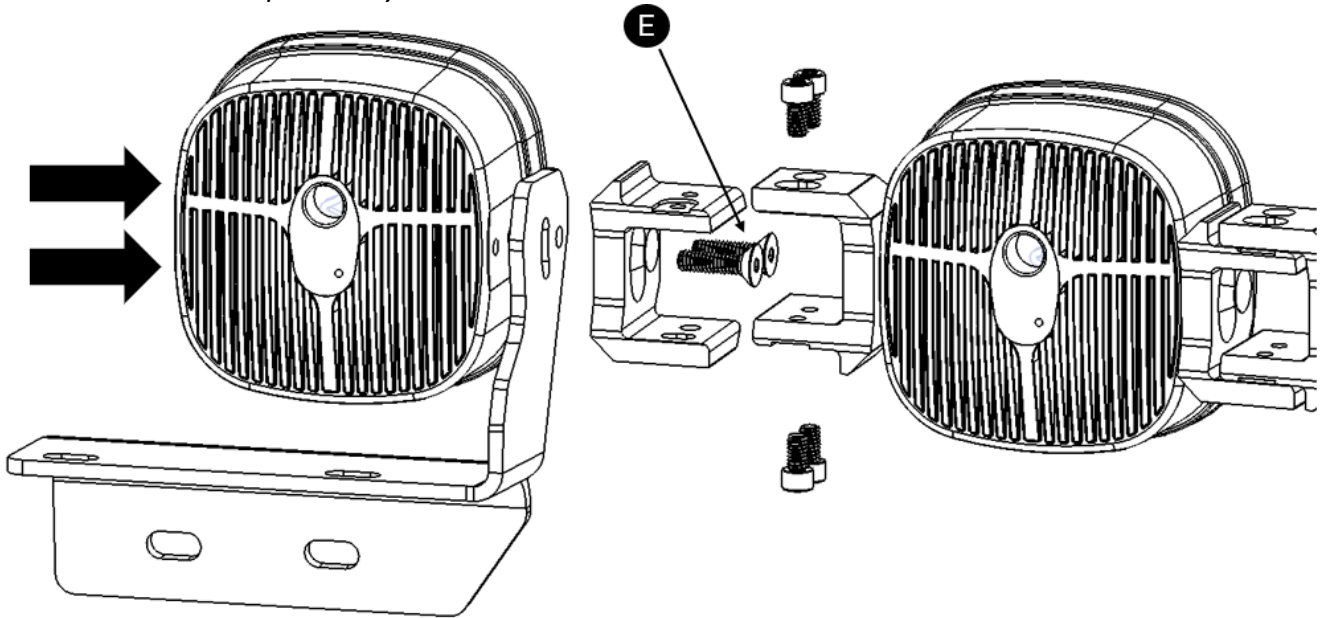
Step 3: Remove one light from each end.

Use a 5/32" hex tool to remove the 4 bolts from each link at locations A & B. Additionally, use a 3/16 Hex tool to remove the 2X flat head bolts securing the links at locations C & D.



Step 4: Install the two Baja Designs mounting brackets

Install the two baja designs mounting brackets by sandwiching them between the light and the link and securing them using the 2X $\frac{1}{4}$ Bolts 1" length (E) provided separately and a $\frac{3}{16}$ " hex drive tool. Repeat for the other side. **Optional:** Add the 2X provided black button heads to the ends of the linkable at the locations arrowed below. Some zip ties may need to be cut to allow the harness to clear the bracket.



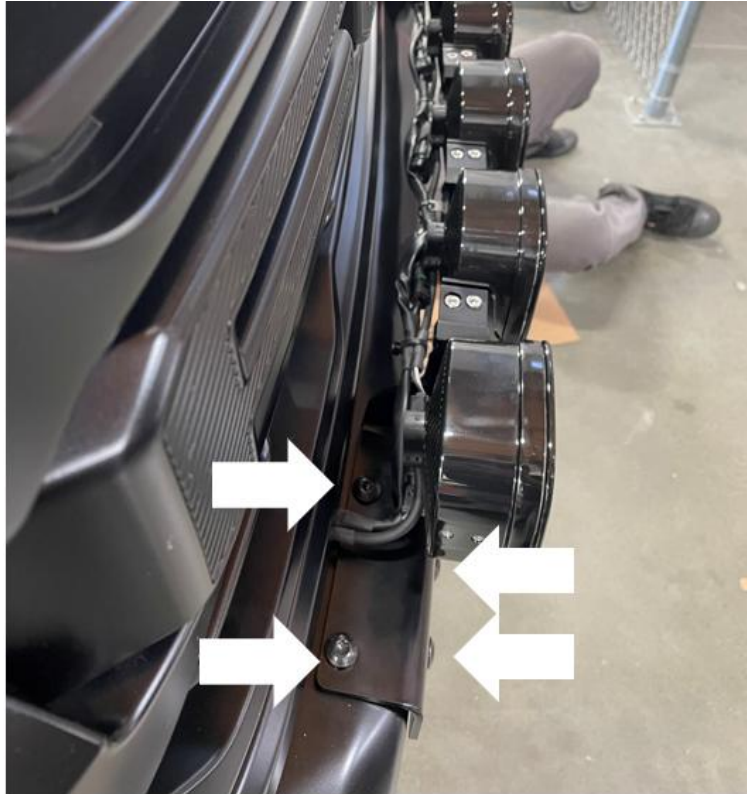
Step 5: Remove the 8X Torx bolts on the front of the vehicle

Use a T35 to remove the 4X Torx bolts (Indicated) from each side of the front bumper.



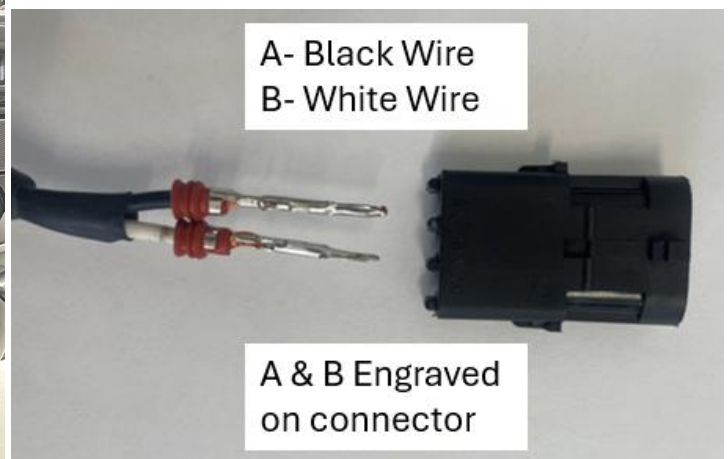
Step 6: Install the linkable

Re-use the 4X Torx bolts and a T35 driver to install the linkable at the now empty bolt holes. Repeat on the other side.



Step 7: Harness routing

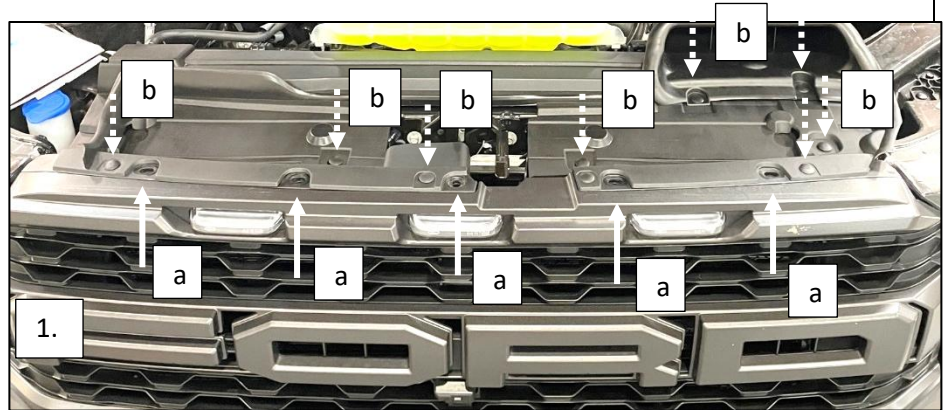
Tuck the power cord for the linkable into the gap between the grill and bumper by pushing down the rubber seen in the image below. Re-install the connector on the pins following the diagram below. *If you cannot pass the harness through or would like to hide more of the harness, see the steps below.*



Step 8: Prep grill for removal/loosening (Optional)

Some customers may need to follow the steps below to easily pass the connector behind the bumper.

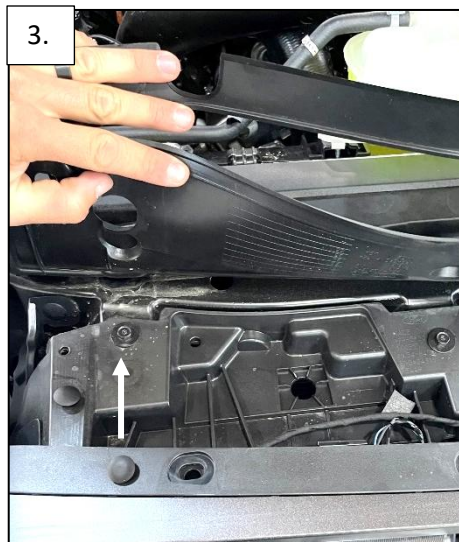
1. Using a trim removal tool or a flat head screwdriver, remove the 5x Retainer clips (a) securing the top of the grille. Use the same tool to then remove 8x plastic rivet (b) push clips securing the top of rubber radiator shroud. The whole shroud does not need to be removed as it can be folded out of the way for disassembly.



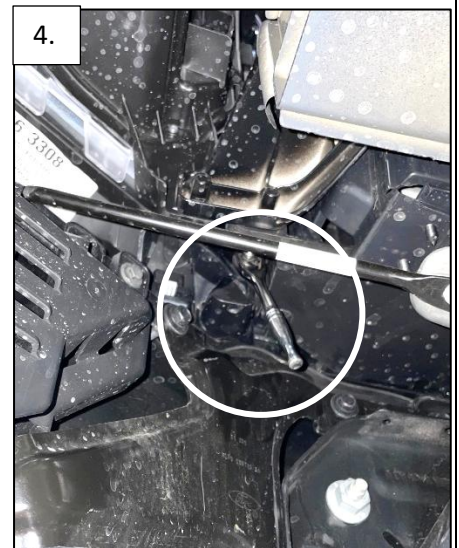
2. Fold up the rubber radiator shroud and disconnect all the electrical connectors from the front grille. There will be a total of 4 connectors and 3 plastic rivet push clips.



3. Fold up the rubber radiator shroud and remove the 4x bolts securing the top of the front grille using a 10mm socket. There will be 2 on each side.



4. Located underneath the vehicle, will be the lower fastener for the front grille. It is not visible and will need to be removed blind. In the image shown, you can see the ratchet wrench in location to remove the bolt. Use an 8mm socket, remove the fastener, one located on each side.



Step 9: Loosening grill to improve harness routing (Optional)

Some customers may need to follow the steps below to easily pass the connector behind the bumper.

5. Loosen the 3 forward most screws on the inner fender using a 7mm socket. (Both sides)



6. Free the front portion of the fender from the snap in clips by pulling directly perpendicular to the vehicle.



7. Free the bottom trim piece for the grill by pulling directly away from the vehicle.

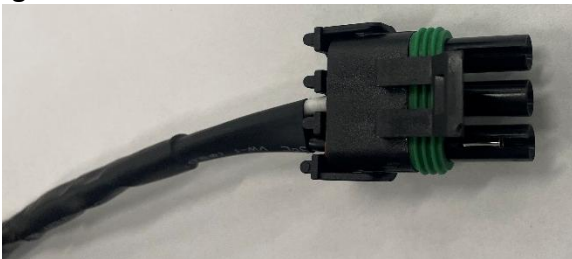


Step 10: Position your harness relay

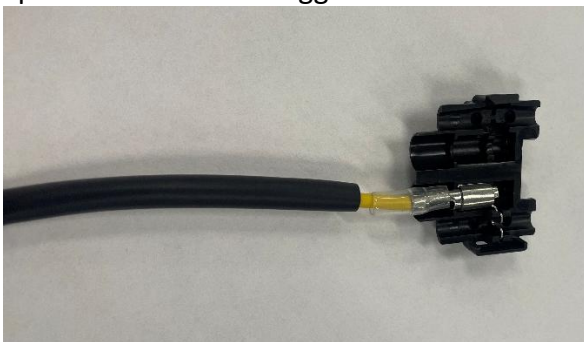
Position your harness such that the relay is loosely secured around the vehicle battery (Location F). Connect the ring terminals to your battery posts (using a 10mm) without fully reconnecting the vehicle battery. Locate and identify the two harness leads below:



Light connector:

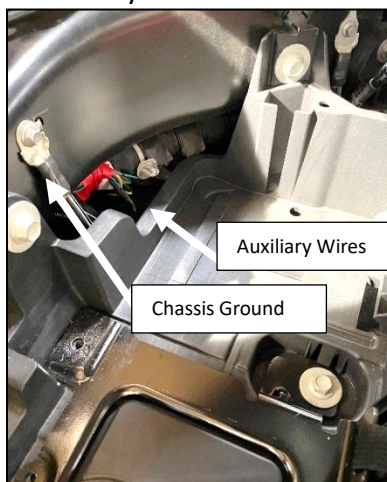


Splice connector for trigger:



Step 11: Locating Auxiliary wires

Locate the powered auxiliary wires found near the battery tucked out of view as seen below (Location G). There are two bundles present. Powered auxiliary wires are identified with a red spot tape mark.



Step 12: Installing splice connector

Separate the auxiliary wires. Locate the desired auxiliary wire, attach the splice connector on the wiring harness, place over the auxiliary wire. Using pliers, force the connector shut. Any Aux can be used.



Aux 1	Used by fog lights
Aux 2	Green/Brown
Aux 3	Yellow
Aux 4	Brown
Aux 5	Blue/Orange
Aux 6	Yellow/Orange

Step 13: Harness routing

Route the light connector identified in step 10 to the PS headlight and down toward the light power cord.

Step 14: Harness routing

Plug the light connector into the XL linkable power cord. Zip tie away any excess length. Reconnect the battery using a 10mm socket and test the light functionality.

*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.