Baja Designs 448067 Installation Instructions

XL Linkable Bumper Kit for Ford F-150 Raptor

Part number: 448067

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Scan for fitment, price and install help

21-On Ford, Raptor 6 XL Linkable Kit

(44-8067)



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

Required Tool(s):

- 2x 9/16” wrench
- 8mm, 10mm, 15mm, 21mm, 7/16”, 9/16” socket
- 5/32”, 3/16” hex key

Product Warning: This XL Linkable Kit will block some of the view on the forward-facing camera. See image at the end for example.

Parts List:

 **(44-9301) (Qty:)** 2021-On Ford Raptor XL Linkable Bracket DS	 **(44-9302) (Qty:)** 2021-On Ford Raptor XL Linkable Bracket PS	 **(74-9004) (Qty: 1)** XL Linkable FOR KITS, 6 XL Clear, w/o Pre-Load Kit & Harness	 **(Qty: 2)** Preload Kits
 **(20-1291) (Qty: 2)** Hardware,3/8-16 x 1" Hex Head Cap SS	 **(64-0094) (Qty: 1)** XL Linkable Upfitter Harness		

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.



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Step 2: Using a 15mm socket, remove the 6 bolts holding on the skid plate. 2 on the front left, 2 on the front right and 2 towards the rear. Lower and place the skid plate to the side.



Front



Rear

Step 3: With an 8mm socket, remove the two strut bars supporting the front bumper. They are located behind the bumper below the headlights.



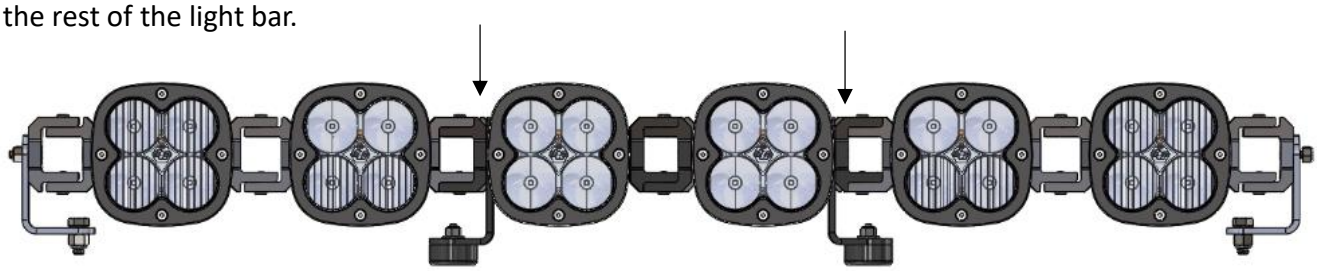
Step 4: Locate the large electrical connector near the passenger side bumper mounting bolts. Unlock and disconnect it. The plastic “Christmas tree” connector will also need to be removed.



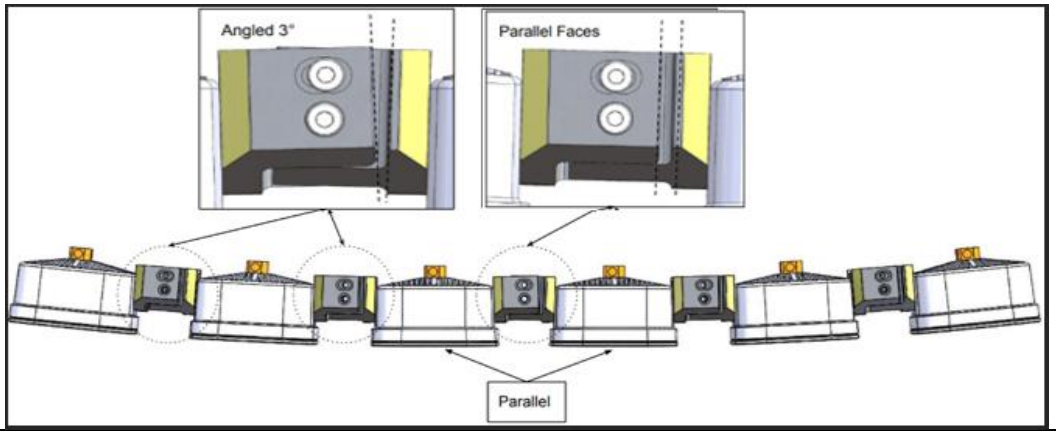
Step 5: With a 21mm socket, remove the 6 nuts holding on the front bumper. Leave one bolt on either side hand tight to support the bumper.



Step 6: Begin prepping the lightbar before installation. Using a 5/32” hex key, remove the links from the light, separating the light bar from the locations shown. Add the 2x support brackets and re-install the links to the rest of the light bar.



Step 7: Using a 3/16” allen wrench, loosen up the 4x fasteners on each link allowing them to be rotated. Place the lightbar on a flat surface and tighten down the center link making the two center lights parallel. Then moving out, one light at a time, rotate the link until the two chamfered faces on the link are parallel. This will rotate the light 3 degrees. Repeat the process until all the links are tight.

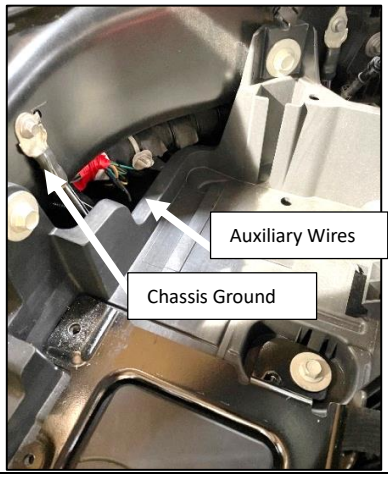


Step 8: Have a helper support the bumper while pulling the bumper out to expose the bolts. Using a 13mm socket, remove the two bolts holding on the DS top bumper mount (circled). Place the DS bracket in place and replace the bolts. Repeat on the PS and loosely reinstall the bumper.

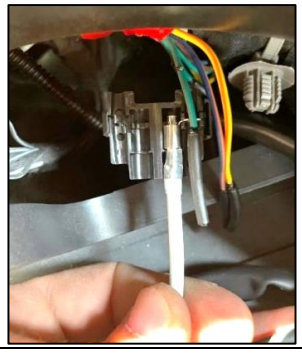




Step 9: Locate the auxiliary wires and chassis ground found near the battery in the PS fender. Open the upfitter wiring harness and identify the ground ring terminal (black wire). Remove the ground bolt with a 10mm socket and attach the ground ring terminal to it. Replace the bolt.



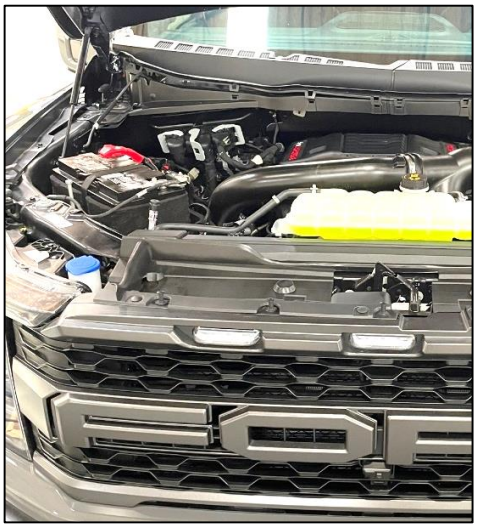
Step 10: Separate the auxiliary wires. Locate the desired auxiliary wire, take the splice connector on the wiring harness, place over the auxiliary wire. Using pliers, force the connector shut. Aux 2-4 can be used.



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

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Step 11: Route the plug to the PS headlight and down toward the light mount.





Step 12: Attach the Linkable to the brackets using the included hardware and two 9/16” wrenches. Plug in the light and tighten the bumper bolts. Repeat steps 1-5 in reverse.





Forward facing camera obstruction example

*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.

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