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## Ram (19+) 2500-5500 7 XL Linkable kit Instructions



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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 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**

## Ram 2500-5500 19+ 7 XL Linkable Bumper kit Instructions

- Tools Required:
- 24mm Socket and wrench (Breaker bar)
  - 18mm Wrench & Socket
  - 10mm Wrench & Socket
  - Trim tool or Flathead Screwdriver
  - Razor knife
  - 1/2" & 7/16" wrench and socket
  - 3/4" Stepped Drill

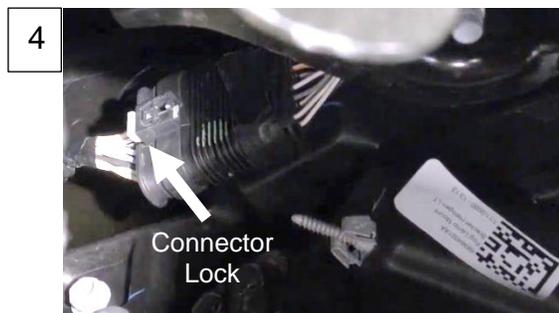
1. Place vehicle in park, turn off, and disconnect the driver side battery terminals (1/2" wrench)
2. The front lower bumper valence will need to be removed.



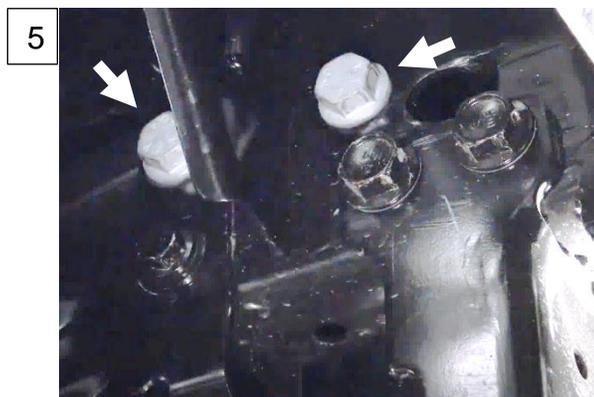
3. With the flathead screwdriver, remove the two circled plastic fasteners. Remove white arrowed fasteners with 10mm socket wrench. Remove black arrowed fasteners with 10mm wrench.



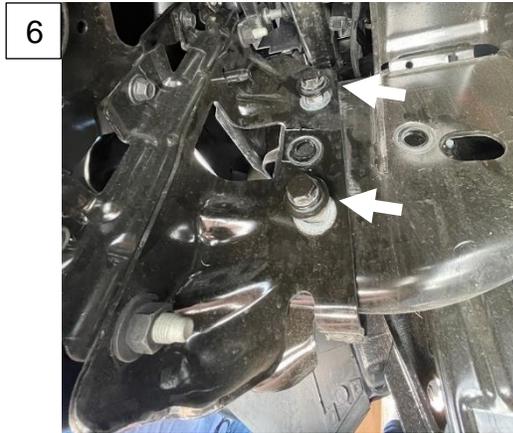
4. Behind the bumper, above the driver side fog light, the bumper harness connector will need to be removed. Carefully pry the white connector lock to the driver side and then the connector tab can be squeezed and disconnected.



5. With the 24mm socket and breaker bar, remove the two arrowed tow hook bolts (driver side outboard frame rail shown). Place captive nuts aside. Remove the tow hook and repeat for passenger side.



6. With the 18mm Socket and wrench, loosen the two arrowed bolts on the driver side bumper mounts. Remove the lower bolt and nut. Leave the upper bolt in for the moment. Repeat for the passenger side.



7. With an assistant, support the bumper on both sides and remove the remaining bumper mounting bolts. Place the bumper down onto a soft work surface.



8. With the provided rubber adhesive backed strips, place three on the underside of each bracket. (Driver side shown)



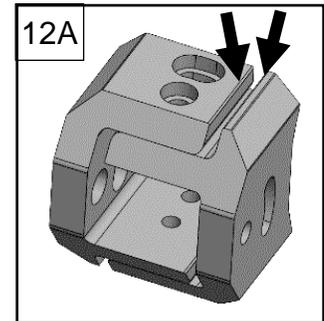
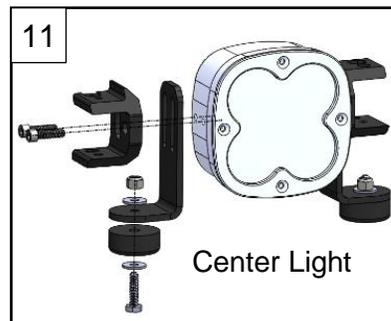
9. With the trim tool, remove the plastic weather seal fasteners. With the 13mm socket, remove the two white arrowed bolts and place the bracket over the bumper under the weather seal. (Driver side shown)



10. With a razor knife, trim the weather seal along the dotted line as shown to allow space for the bracket. Install the weather seal fasteners. Push the bracket down against the bumper and tighten the bolts with the 13mm socket. Repeat steps 9-10 for the opposite side. Reinstall the bumper back onto the vehicle by following steps 2-7 in reverse.



11. With the provided Allen wrench, remove the center light housing bolts on both sides. With the provided support brackets and longer hardware, assemble the center supports as shown. Then use the 7/16" wrench and socket to attach the rubber feet to the support brackets.



12. The light will need to be arced to fit onto the vehicle. Loosen the circled bolts with the 3/16" Allen wrench on the top and bottom (12B). Tighten each link so that the arrowed edges are parallel for all the links except the ends. Loosen the end links and rotate to full lock with both sides of the light parallel (12A).



13. Mount the light to the brackets using the provided Allen wrench, 7/16" socket wrench, and the provided hardware. Loosen the center light housing bolts enough to slide the support brackets. Have an assistant pull up (0.25"-0.5") on the light and slide the support brackets down and back until they contact the bumper. Tighten the housing bolts.

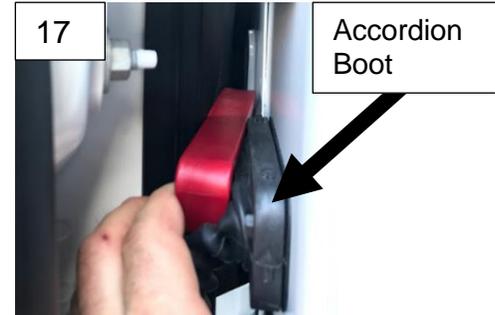


14. Route the light plug end of the harness from the engine bay down to the light following the path shown.



15. Following the path shown, attach the battery leads of the harness to the battery (starred) and mount the relay to a nearby 10mm hex head bolt.

16. Remove the main switch from the switch leads. Route the switch leads into the driver side inner fender shown by the star in the image. Excess harness length can be tied up and placed into the inner fender after installation.



17. Open the driver side door and observe the gap. Gently pry back the inner fender foam seal and route the switch leads through.

18. Carefully pry the six lower door sill trim clips. (Trim is shown removed for detail). Unclip the flap next to the parking brake pedal.



19. Remove the arrowed rubber grommet. Puncture the grommet, re-mount, and run the switch wires through the grommet into the cab. Install flap and door trim.



20. Drill 3/4" hole in desired dash location. Mount switch and reattach wires. Tie all wires away from any hot and/or rotating components.



Re-torque all the fasteners after 100 miles.

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