Baja Designs 448050 Installation Instructions

448050

Part number: 448050

trailfortress.com/baja-designs-onx6-20-inch-bumper-light-bar-kit-448050

Scan for fitment, price and install help

Ram Rebel/TRX 1500, Bumper 20in OnX6 / S8
Kit Instructions
44-8051, 44-8050



185 Bosstick Boulevard • San Marcos • CA • 92069

Phone 760-560-2252 • Fax 760-560-0383

info@bajadesigns.com • www.bajadesigns.com

trailfortress.com/baja-designs-onx6-20-inch-bumper-light-bar-kit-448050

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 supplie

trailfortress.com/baja-designs-onx6-20-inch-bumper-light-bar-kit-448050

Tools Required

- 8mm,10mm,7/16”, 16mm, 18mm socket
- Cutting tool (oscillating tool suggested)
- Standard flat head screw driver

1. Using a 16mm socket, remove the (6x) bolts securing the skid plate.



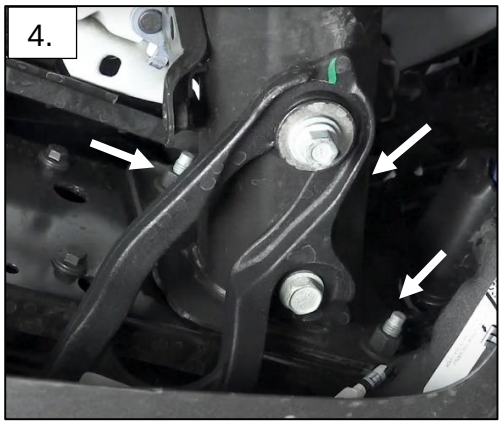
2. Using a 8mm socket, remove the (5x) bolts in the front fender wells securing the inner liner. Do the same on the opposite side.



3. On the driver side frame rail and wheel well, Disconnect the main bumper harness.



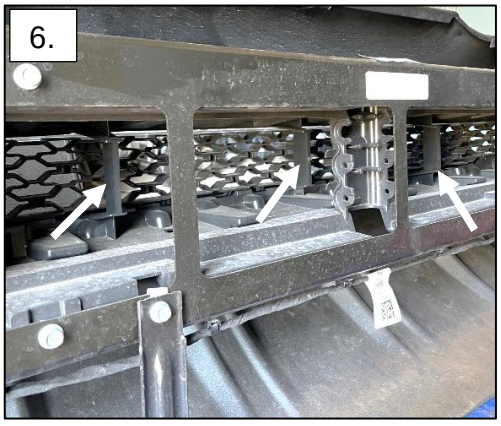
4. Using a 18mm socket, remove the (6x) nuts mounting the front bumper.
Note: there is 3 per side.



5. Carefully pull on the bumper and set aside. Having two people do this step is suggested.



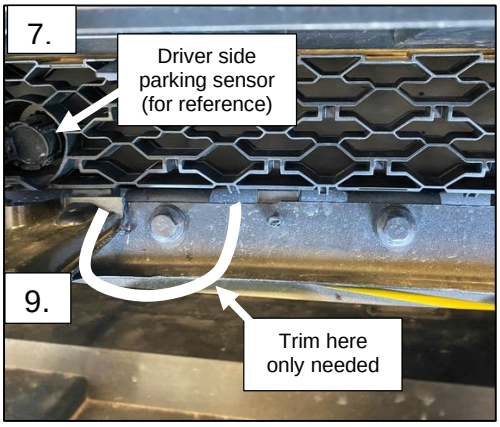
6. Begin trimming the shrouding by removing the (3x) vertical supports.



trailfortress.com/baja-designs-onx6-20-inch-bumper-light-bar-kit-448050

7. Trim the lower plastic shroud covering the (2x) bolts going to be used for mounting the light.
Note: The picture shows the entire shroud cut out, only a smaller cut is required for the bracket and bolt.

8. Unlock the clips on the top shroud allowing it to flex. (not completely removed) Pry open the should and rout the light bar through the opening.

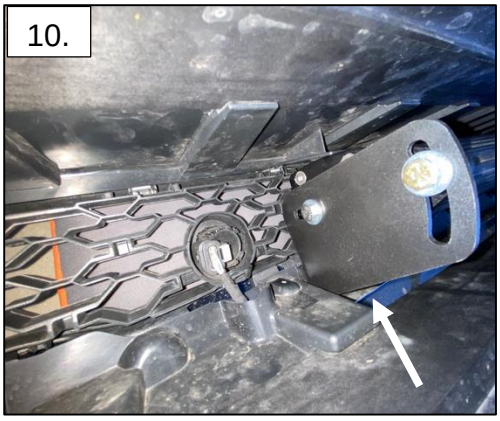




9. Using a 14mm socket, remove the (2x) outer bolts. Mount both the driver side and passenger side brackets to the light.

10. Using the existing hole location, Mount the bracket with the supplied ¼-20 hardware.

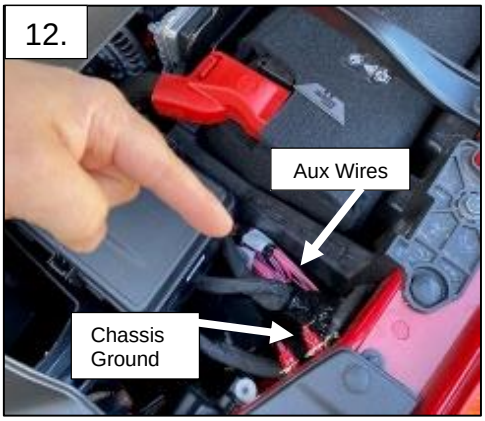




11. Re-install the bumper in the reverse order. Route the up-fitter harness up to the battery and fuse block on the driver side.

12. Locate the up-fitter wires & chassis ground next to the fuse block.





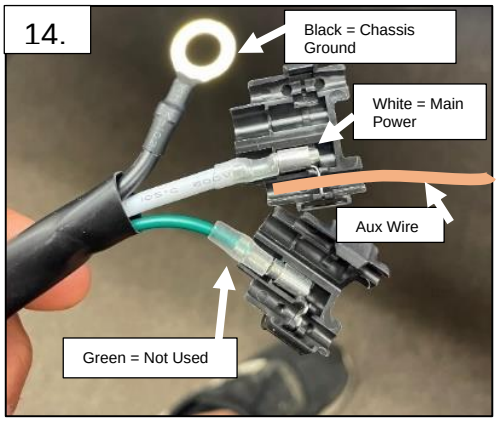
13. Choose the desired Auxiliary switch wire. All are acceptable.

14. Onx6 Light bar only: Using a 10mm socket, attach the ring terminal on the harness to the chassis ground. Use the splice connector on the white wire and attach it to your desired auxiliary wire. Close the connector and test the light. The green wire is unused and should be taped to the side.

Circuit Function	Fuse	Wire Color
Aux Switch 1	F001A – 50 Amp	Pink/Dark Blue
Aux Switch 2	F002A – 20 Amp	Pink/Dark Green
Aux Switch 3	F003A – 20 Amp	Pink/Violet
Aux Switch 4	F004A – 50 Amp	Pink/Beige
Aux Switch 5*	F42 – 20 Amp	Pink/Brown
Aux Switch 6*	F50 – 20 Amp	Pink/Yellow

13.





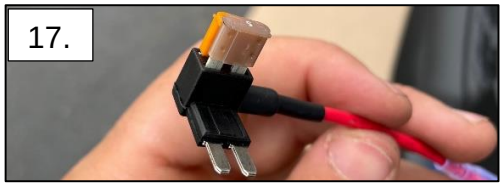
15. S8 Light bar only: If you desire to run the back lighting feature as shown, proceed through steps 16 – 18. If not, copy step 14 with the green wire and the project will be done.



16. Open the fuse block located behind the driver side headlight. Locate fuse #F37.

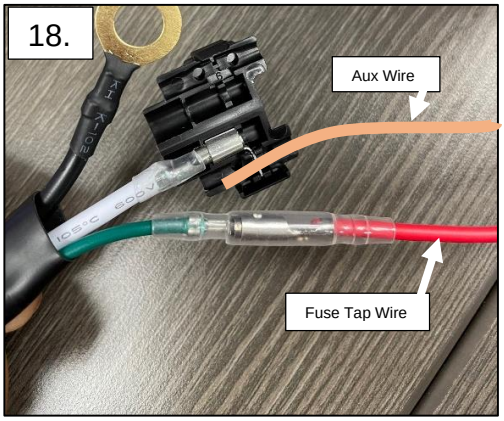


17. Remove the OEM fuse and place into the fuse tap. Apply the fuse tap into the OEM fuse location.





18. Place the desired Aux wire into the splice connector. Remove the plastic splice connector housing on the green wire. Place the male bullet connector on the green wire into the fuse tap wire.



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.

trailfortress.com/baja-designs-onx6-20-inch-bumper-light-bar-kit-448050