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2022 Toyota Tundra TRD Pro Grille Replacement Kit (44-8123, 44-8124)



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 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.

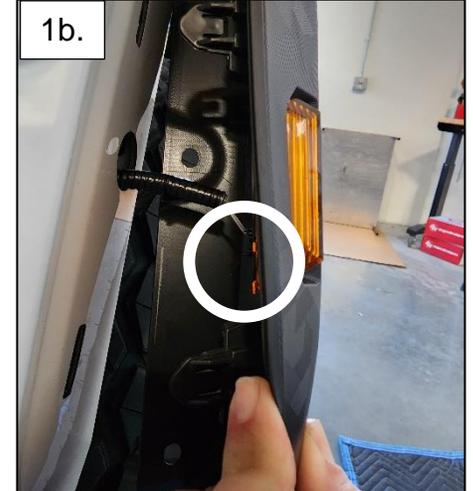
Tools Required

- | | | |
|----------------------|----------------------------|---------------|
| * 10mm, 7/16" socket | *3/4" drill bit | *T25 Torx |
| * Trim removal tool | *Phillips head screwdriver | *7/16" wrench |

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

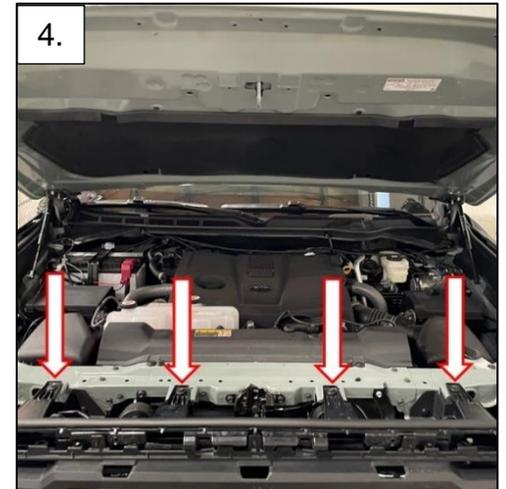
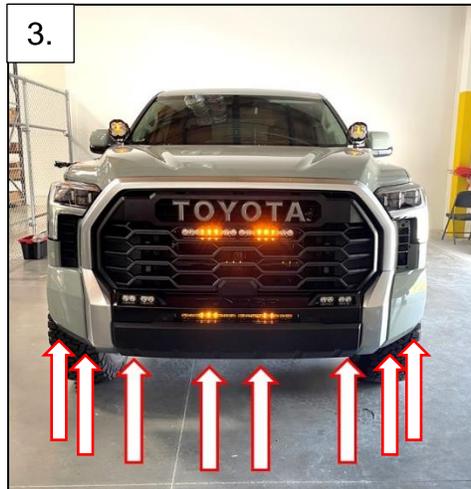
1. Using a 10mm socket, remove the 5 frontmost screws from the driver side inner wheel well to release the front edge of the fender flare. Carefully pull the front of the fender flare away from the fender until the clips release up to near the back of the headlight. Disconnect the TRD Pro side marker light and feed the connector back through the fender hole.

2. Repeat step 1 for the passenger side of the vehicle.



3. Using a 10mm socket, remove the 8 bolts securing the lower bumper assembly.

4. Using a 10mm socket, remove the 4 bolts securing the upper grill.



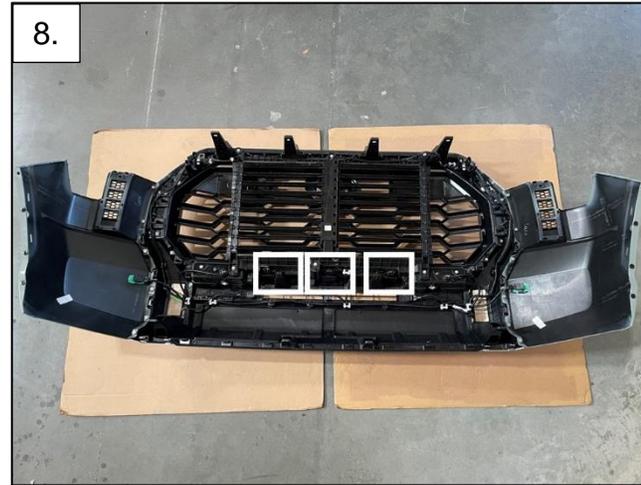
5. Remove the electrical connectors from the top of the grill near the top of the radiator. For TRD models, there are two on the driver side and two on the passenger side. For non-TRD models, there are two on the passenger side and one on the driver side.

6. Using a trim tool or flathead screwdriver, remove the 2 plastic push rivets from either side of the grill near the previously disconnected electrical connectors.



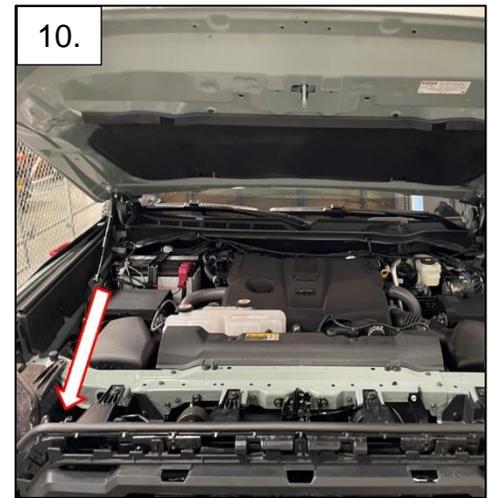
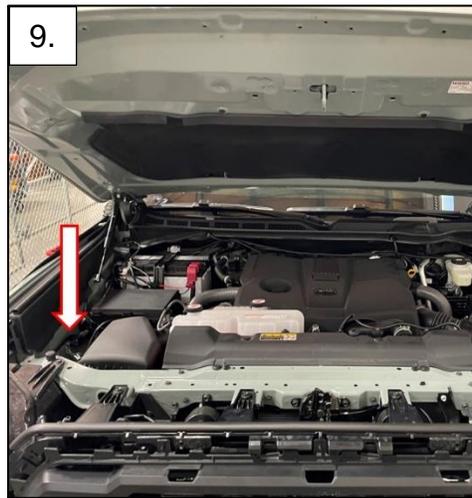
7. Starting from inside the driver side fender well, carefully pull the front clip sideways and forward to release all the clips under the headlight and grill vent. Repeat for the passenger side.

8. With the help of an assistant, carefully remove the front clip of the vehicle by pulling forward and set it on a soft work surface. There are three clamping features (boxed) that will release with a light forward tug and an audible click.



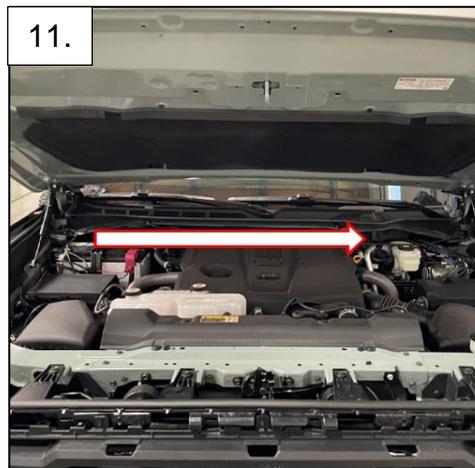
9. Locate the included wiring harness and mount the relay using the tab on the relay to the common ground located next to the passenger side air box.

10. Locate the light connector lead of the wiring harness and starting at the battery, route it towards the radiator.



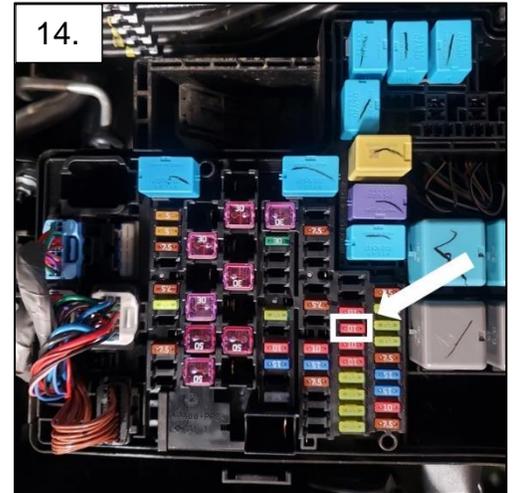
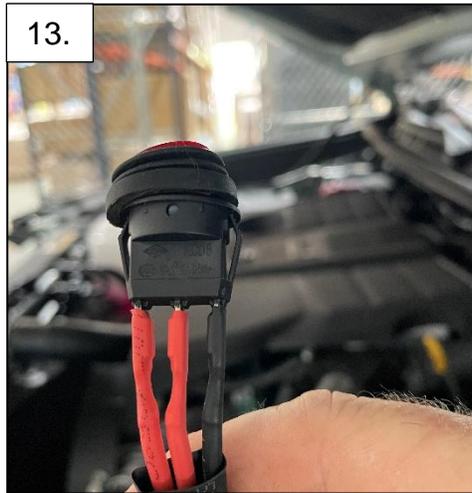
11. Run the switch lead along the firewall and to the wiring passthrough located to the right of the brake master cylinder.

12. Select a location on the dash for the switch. A suggested location is outlined in photo 12a. Check for clearance behind the panel and drill a 3/4" hole for the switch. To access behind this panel, remove the dash endcap by carefully prying from the bottom of the panel as illustrated in photo 12b.



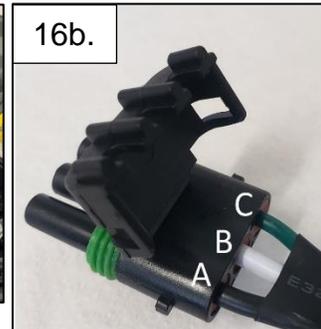
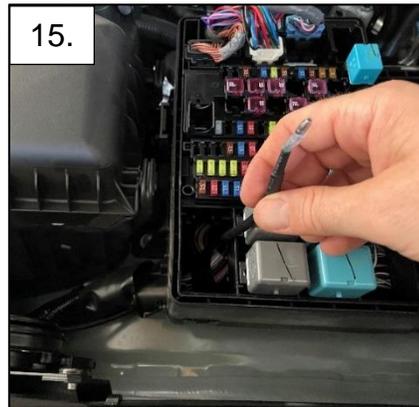
13. Take a reference photo of the switch wiring. Disconnect the spade connectors and run the wires through the firewall and switch hole. Plug the switch back in and install it into the hole.

14. Open the passenger side fuse box located near the air cleaner. Find the ignition pin shown in photo 14.



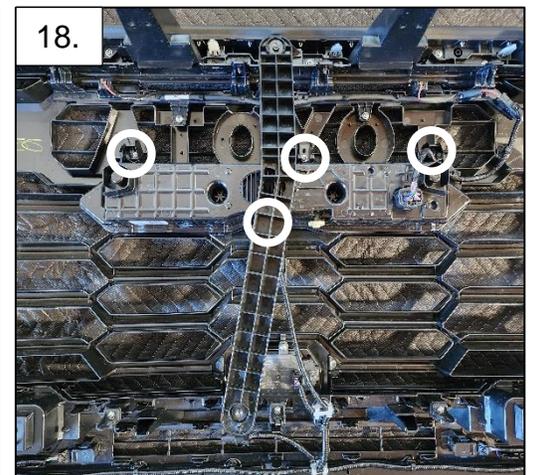
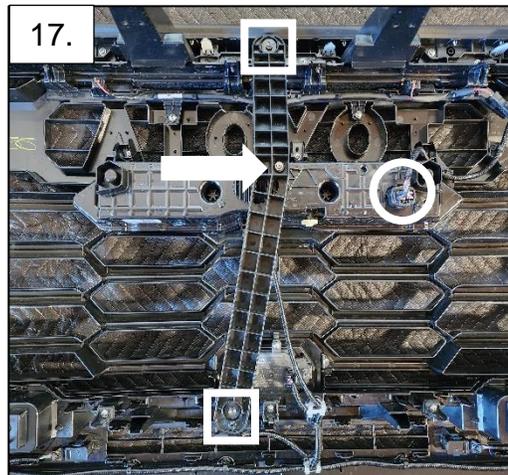
15. Remove the 10-amp fuse and insert the fuse tap from the backlit add-on kit into the fuse slot. Insert the 10-amp fuse in the open slot in the fuse tap. Run the fuse tap wire out of the bottom of the fuse box and replace the cover.

16. Plug the backlit wire into the fuse tap and run it along the firewall, around the passenger side air box and to the light connector of the main harness. Open the main harness connector lock and insert the wire into slot C (shown in 16b). Make sure the wire terminal clicks into place and close the connector lock.



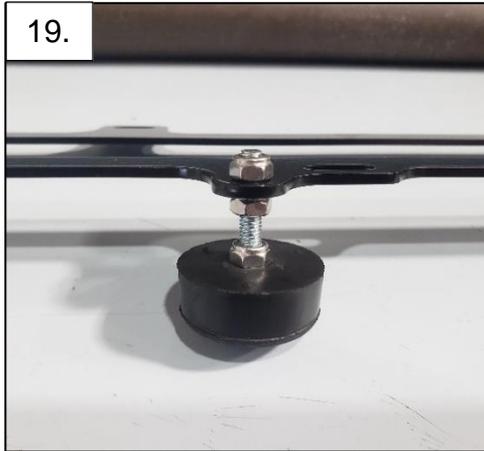
17. Disconnect the OEM light bar connector (circled). Using a 10mm socket, remove the top and bottom bolts of the light bar brace (boxed). Using a Phillips head screwdriver, remove the screw holding the light brace to the light bar (arrowed). Lift to remove the light bar brace.

18. Using a Phillips head screwdriver, remove the 4 screws (circled) securing the OEM light bar to the grill. Lift to remove the light bar.



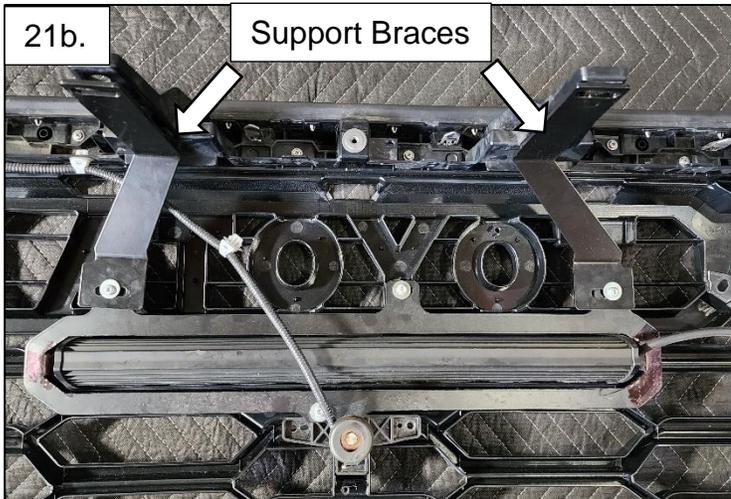
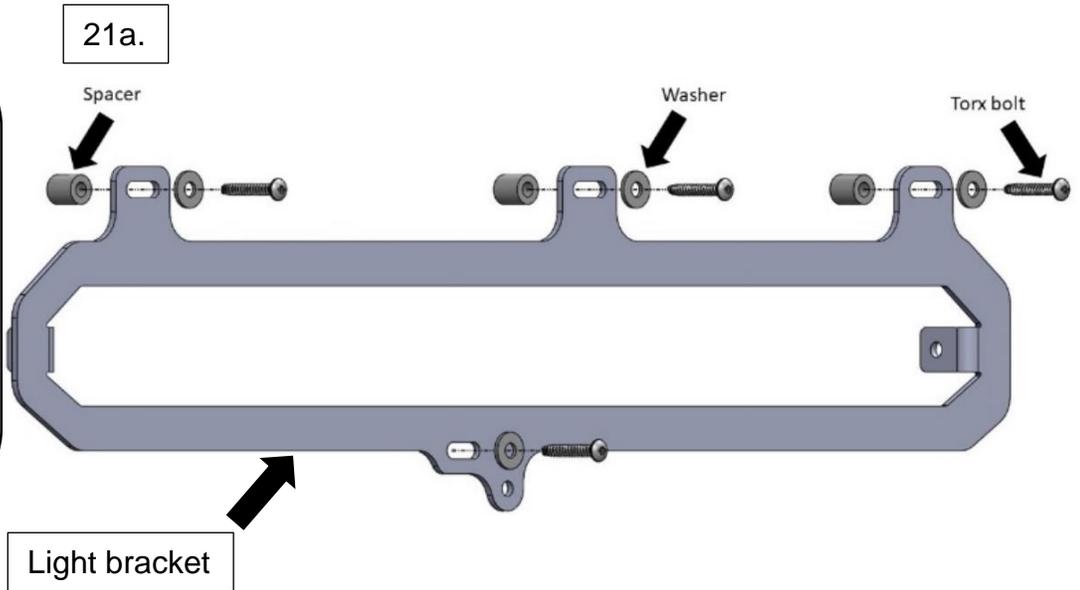
19. Place the 8mm hex head bolt through the rubber base with the head of the bolt recessed into the base and secure it with a nut. Add the second nut and place the assembly onto the vehicle specific bracket. Add the last nut to sandwich the bracket between the two nuts. The rubber base should face away from the light mounting tabs.

20. Using a 7/16" wrench and the included parts bag, install the S8 into the vehicle specific light bracket. The light should face away from the rubber base.



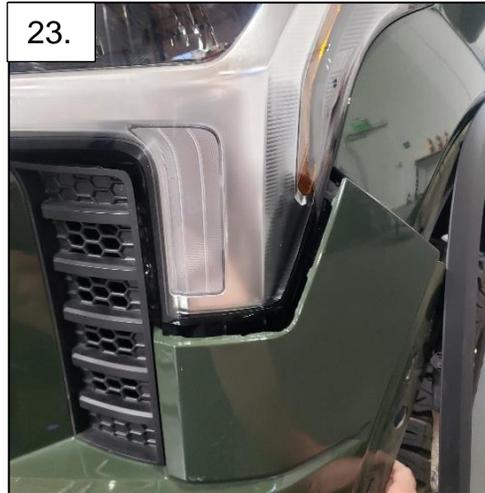
21. Using a T25 Torx, Phillips head screwdriver and the included hardware, install the light, bracket, and support braces to the grill according to photos 21a and 21b. For best performance, the light should be centered and level or angled 1° down.

22. With an assistant place the front grill assembly onto the vehicle ensuring the 3 tabs (boxed in photo 8) clip into place and secure using the two plastic push rivets.



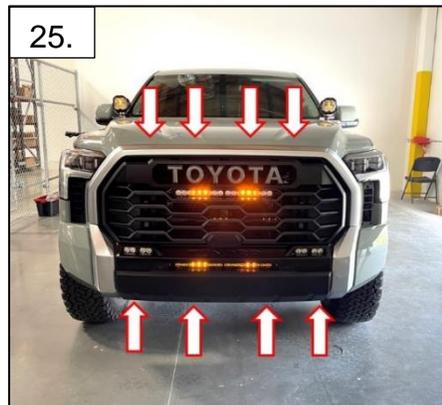
23. Snap in the driver side outer fenders starting under the headlight and moving outwards. Repeat on the passenger side of the vehicle.

24. Reinstall the driver side fender flare and secure using the 5 removed 10mm bolts. Repeat on the passenger side of the vehicle.



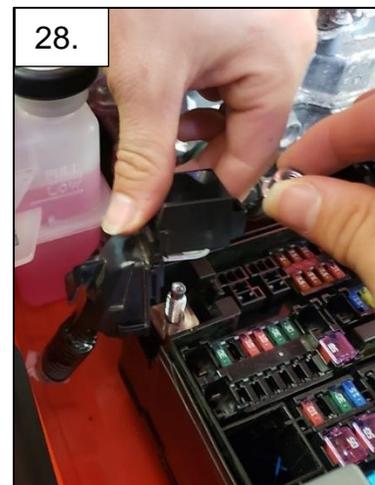
25. Reinstall the 4 bolts securing the top of the grill to the core support ensuring to sandwich the support braces between the grill and core support. Reinstall the 8x 10mm bolts securing the bottom of the bumper to the core support.

26. Reconnect the OEM plugs on the driver and passenger side of the grill.



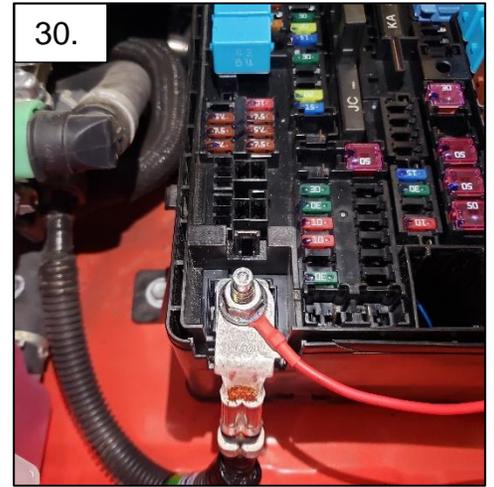
27. Remove the passenger side fuse panel cover and locate the positive battery wire and post (boxed).

28. Using a 12mm socket, remove the nut holding down the wire and release the tab to the right of the post. Lift to remove the wire and plastic wire cover.

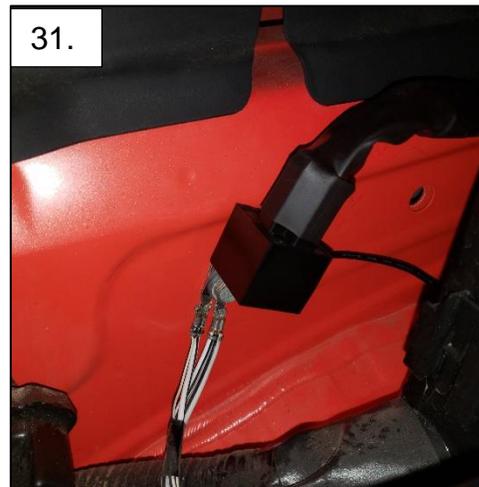


29. Twist to pull apart the top of the plastic cover until it resembles photo H3. Using a flat head screwdriver, release the 2 tabs on the bottom of the plastic wire cover until the two halves separate and remove them from the wire.

30. Replace the battery cable and install the positive (red) ring terminal of the main wiring harness onto the post. Reinstall the 12mm nut and replace the fuse box cover.



31. Using a 10mm socket, remove the common ground bolt that the main harness relay is secured to and install the negative (black) ring terminal. Replace the ground bolt. Plug the S8 into the wiring harness and test the light.



*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.