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THE SCIENTISTS OF LIGHTING

25-On Toyota 4Runner Behind the Grill Squadron Kit (44-8295 – 44-8298)



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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

* 4mm Allen wrench
* Trim removal tool

*9/16" wrench and socket
*Phillips head screwdriver

*10mm socket and ratchet
*12mm socket and ratchet

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

1. With a 10mm socket, disconnect the negative battery cable. For hybrids the battery is located in the cargo area passenger side wall. Remove the three forward most bolts in the driver's front fender well (circled). With a trim removal tool, pop the plastic screw fitting out freeing the felt from the fender.



2. On the bottom of the front lip, remove the 6 bolts securing the front clip (circled) with a 10mm socket. There are 2 bolts per corner and 2 along the bottom edge.

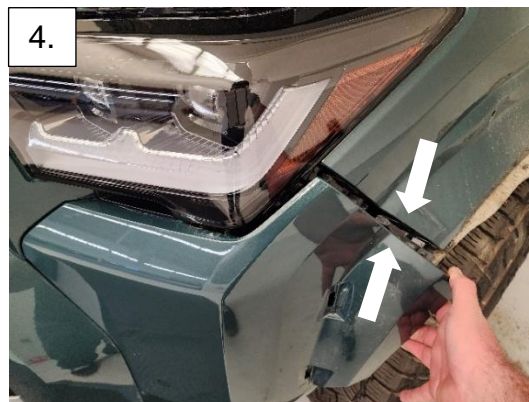


3. Disconnect the electrical connectors (2-3) on the passenger side of the front clip and repeat for the one on the driver side (arrowed).



4. Partially remove the front fender flare by pulling it directly outward. Gently pull the sides of the front clip out and forward to disconnect them from the vehicle.

A small trim removal tool or flathead screwdriver may be needed to disconnect the first two clips. The furthest in clip will be behind the grill vent trim pieces under the headlight. Repeat on the opposite side of the vehicle.

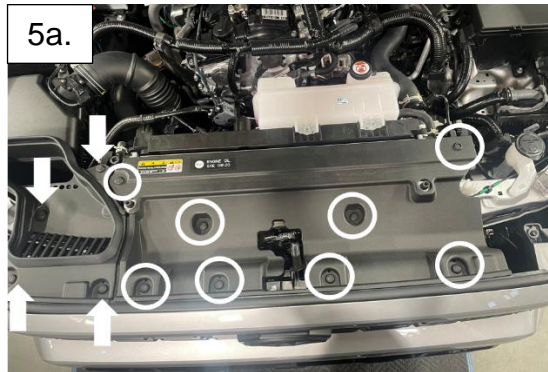


**Some trims will need a screw removed (Circled) **

5. Remove the eight push rivets (circled 5a) securing the top radiator fascia to the vehicle and remove it.

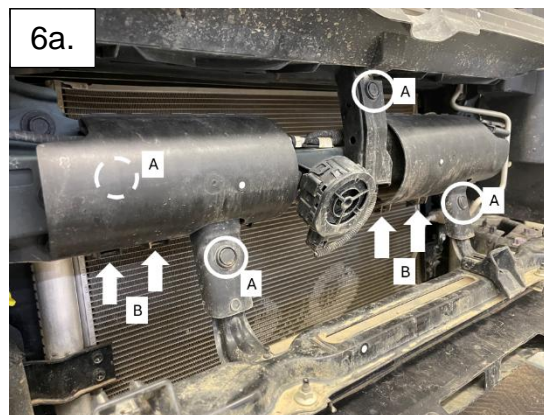
Some trims will have to remove the air intake by releasing 4 additional push rivets (arrowed)

With a 10mm socket, remove the 3 bolts holding the top of the grill to the core support (circled 5b). Gently lift up and out on the front clip to remove it from the vehicle and place it face down on a soft work surface.



6. Remove the black plastic covers by releasing 4X black plastic clips circled (A), 6X snap clips on the underside (B) and squeezing the prongs using some needle nose pliers and pull away the cover (6b). Covers will not be reused.

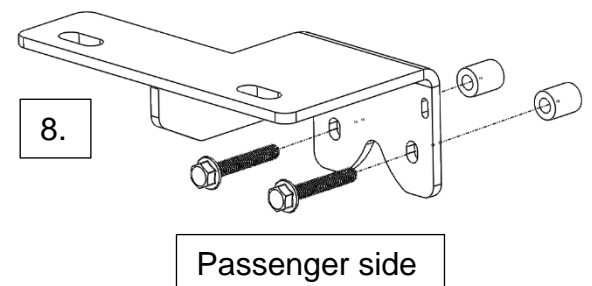
Some trims may not have the black plastic covers



7. Using a 10mm socket remove the two bolts securing the L shaped bracket on one side as seen to the right.

8. Install the provided brackets using the spacers and flange bolts provided. Only install one bracket at a time to prevent bracket from falling.

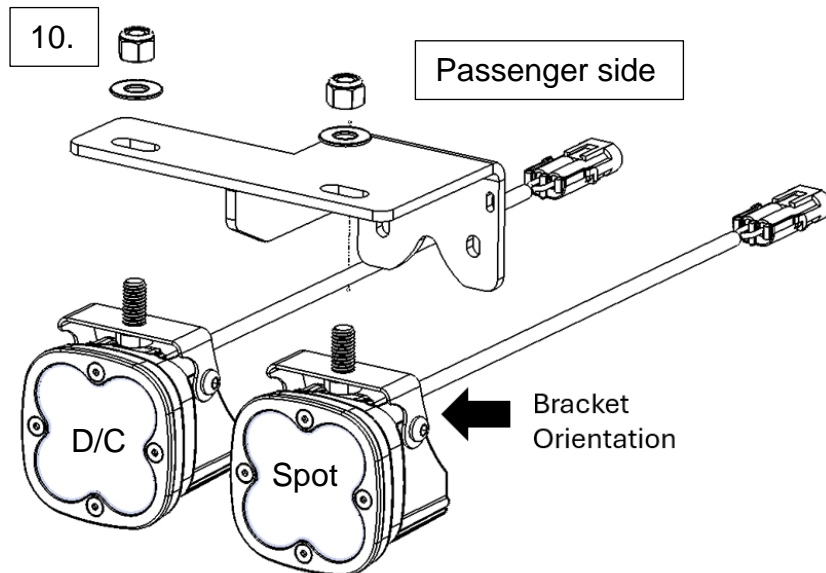
Verify brackets are level after tightening



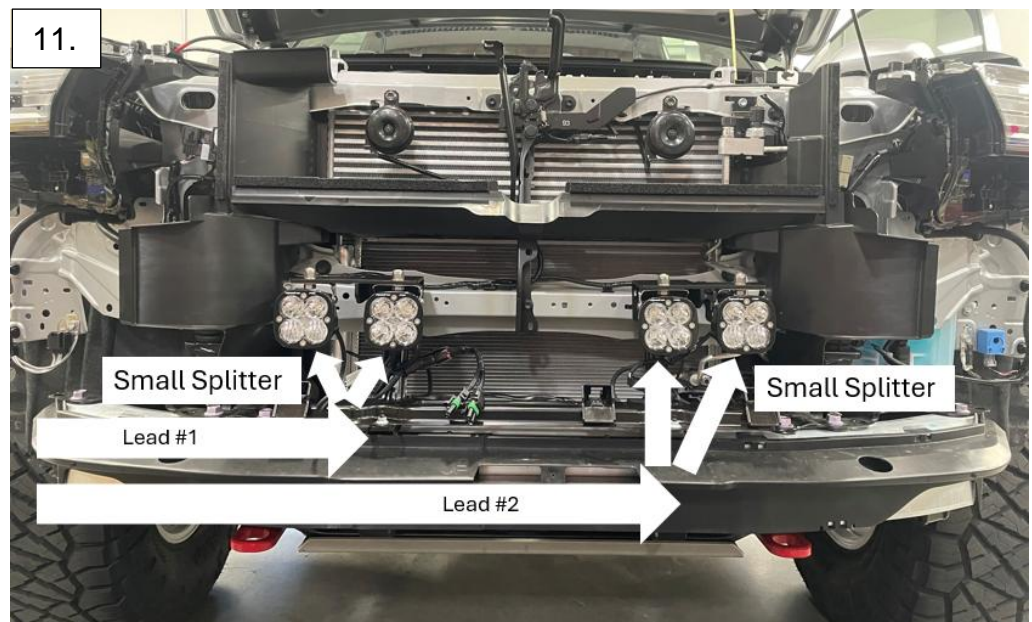
9. Use a 4mm hex and the parts bags provided to attach the universal brackets to all squadron lights.

Lights will be mounted upside down

10. Use a 9/16 wrench and ratchet/socket to Install lights onto both brackets. Match the location to the lens as seen in the image to the right. Spot lens light must be towards the center of the vehicle. Verify lights are level and straight.

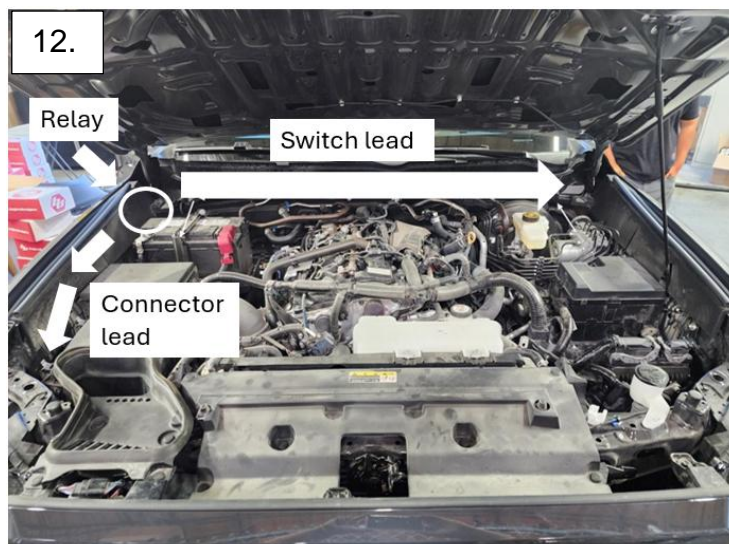


11. Wire the passenger side pair of lights together with the small splitter. Repeat on the driver side.



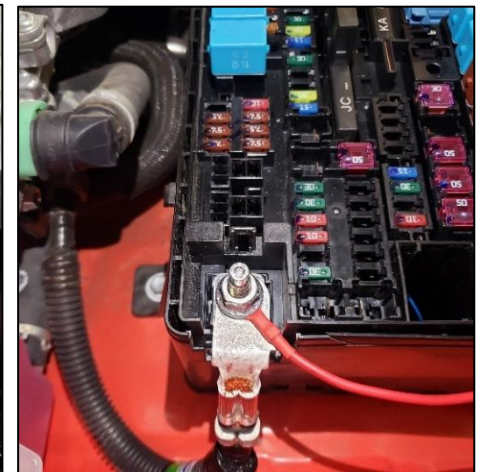
12. Secure the harness to the battery terminals. **DO NOT RECONNECT THE VEHICLE BATTERY.** For hybrid vehicles refer to directions on the following page. Loosely secure it around the passenger side fuse box. Run the switch lead along the firewall towards the driver side. Run the two connector leads underneath and in front of the passenger side headlight. Connect the connector leads to the small splitters in step 11.

For upfitter instructions, skip to step 19.



Hybrid Vehicles ONLY

Remove the passenger side fuse panel cover and locate the positive battery wire and post (boxed). 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. Twist to pull apart the top of the plastic cable cover until it resembles photo. 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. Discard the piece that the wire terminal runs through. Replace the battery cable and install the positive (red) ring terminal of the main wiring harness onto the post. Replace the upper battery cable cover, reinstall the 12mm nut and replace the fuse box cover.



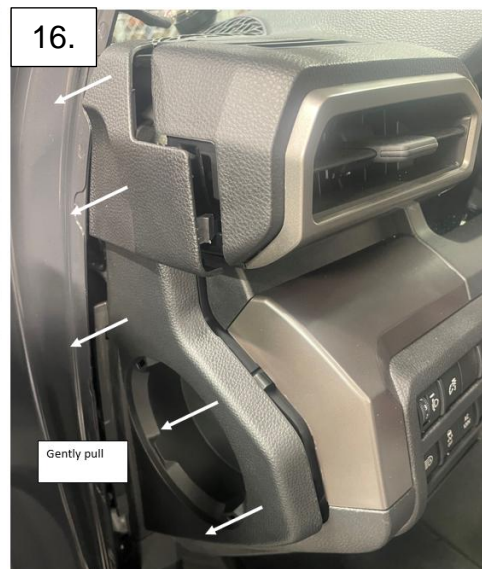
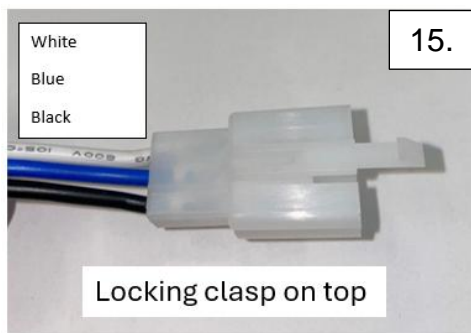
13. Disconnect the white connector on the switch lead and remove the connector from the switch side leaving the pins exposed.

14. Make a small hole in the firewall passthrough and pass the switch lead connector through the boot into the engine bay (pin side first). Wire emerges below the brake booster (driver side).



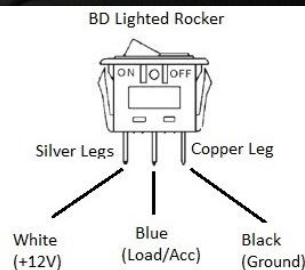
15. Pull the switch lead into the engine bay until it is long enough to be reconnected to the original harness. Re-install the white connector onto the exposed pins using the format below and then reconnect the two harnesses.

16. Remove the driver's side door seal and the trim panel off the side of the dashboard by starting at the top edge and gently pulling away from the dash.



17. Remove the chrome trim panel by pulling parallel to the arrows pictured.

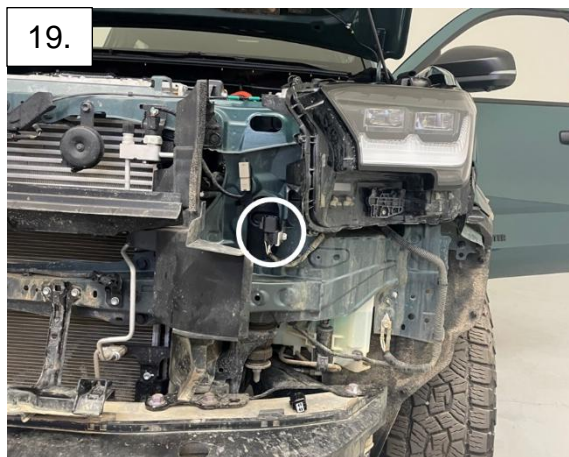
18. Drill a hole .75" in diameter at the location specified. Remove the button from the switch harness leaving only the exposed pins. Run the harness up from the footwell behind the dash and into the newly made hole. Re-install the button onto the harness and place it into the dashboard. Re-install all trim panels.



Upfitter ONLY

19. Remove the OEM connector plug A & B from the harness behind the driver side headlight.

For vehicles without upfitter switches, skip to step 21.



20. Plug in the provided adapters and run the harnesses to the end of the toggle harness from step 12. Disconnect the switch from the standard harness leaving only the 3-pin white connector. Connect the two harnesses using the appropriate connector from the list below. Tie away any slack using the zip ties provided.

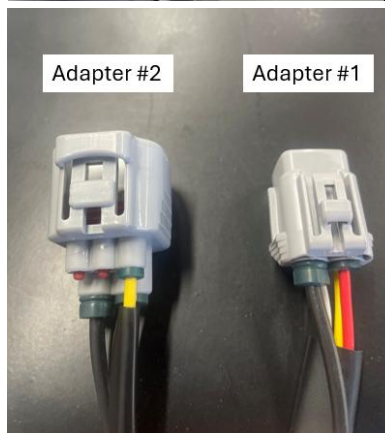
IGN: Connect your harness to yellow wire (Baja Designs adapter #1)

Aux 1: Connect your harness to red wire (Baja Designs adapter #2)

Aux 2: Connect your harness to yellow wire (Baja Designs adapter #2)

Aux 3: Connect your harness to red wire (Baja Designs adapter #1)

Aux 4: Connect your harness to white wire (Baja Designs adapter #1)

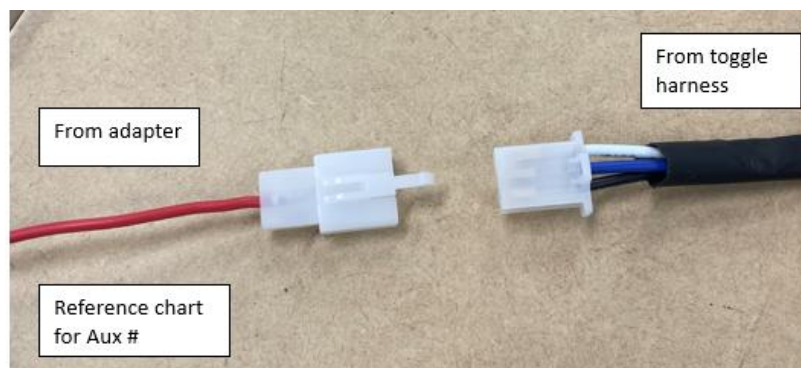


For reference

Adapter #1 has smaller sheathing with only 2 wires inside.

21. Reinstall the grill loosely and install the three fasteners from step 5b.

22. Re-connect the 5X connectors from step 3. Re-connect the battery. Test the light/switch combination is correct.



23. Fully clip the grill in place. Install all fasteners. Complete steps 1-5 in reverse.

Installation complete!

*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.