



***baja designs***<sup>®</sup>  
THE SCIENTISTS OF LIGHTING

**Toyota Sequoia (23-On) S2 OEM Fog Light  
Replacement Kit  
44-8135, 44-8163, 44-8168**



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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**

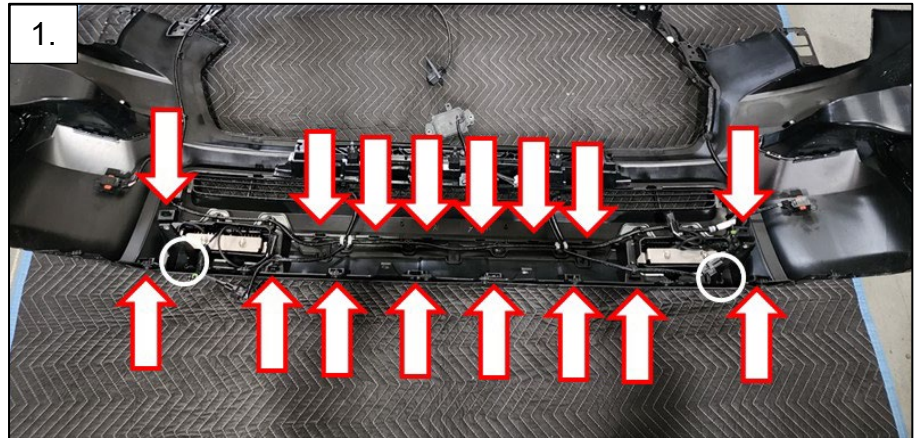
- \* 4mm Allen wrench
- \* 9/16" socket
- \* 10mm, 9/16" wrench
- \* Trim removal tool
- \* Phillips head screwdriver

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

\*Front clip does not need to be removed to install kit

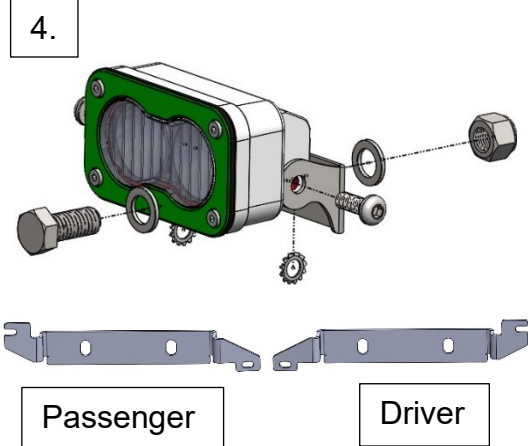
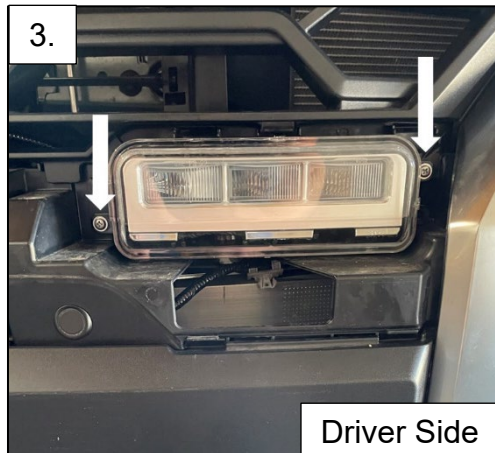
1. Using a Phillips head screwdriver, remove the 2 screws (circled) that hold the lower bumper cover to the front clip.

2. With a trim removal tool, disengage the tabs on the top and bottom of the lower bumper cover from underneath the vehicle (arrowed). Pull the cover forward to remove.



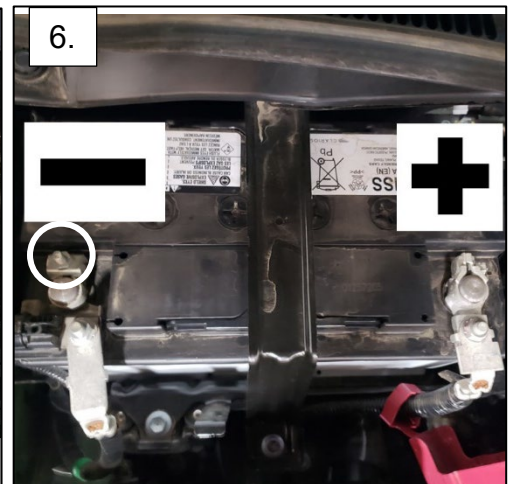
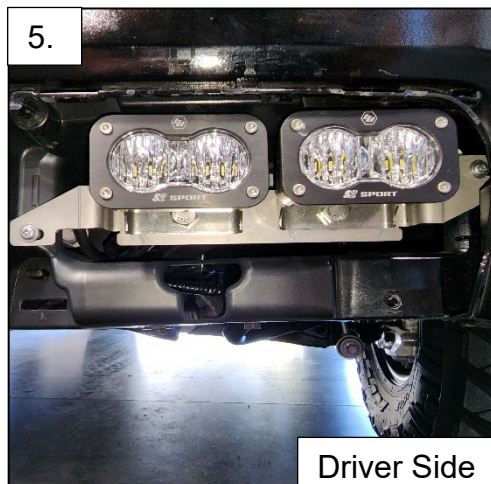
3. Using a Phillips head screwdriver, remove the 2 screws that secure the driver side fog light to the vehicle.

4. Add the 9/16" head bolt and washer into the universal light bracket and hand tight the 9/16" hex nut then using a 4mm Allen wrench, install the S2s into the universal light bracket. Repeat for the second light and once assembled, use a 9/16" wrench and socket to mount the two lights onto the passenger side vehicle specific mount bracket.



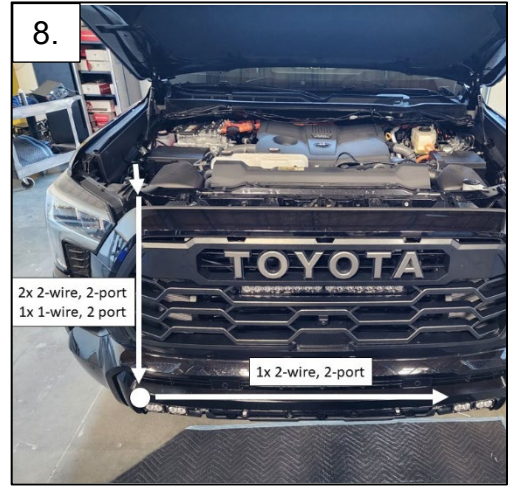
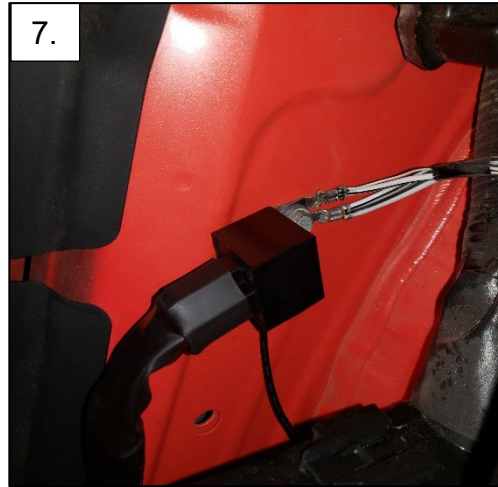
5. Loop the S2 power cords and plug them into one of the provided 2-pin weather pack splitters. Carefully tuck the wires behind the light. Attach the new fog light assemblies into the truck using a Phillips head screwdriver and the OEM fog light screws.

6. With a 10mm wrench, loosen the negative battery cable clamp (circled) and remove the negative cable. (For hybrid vehicles, 12v battery is in the trunk. Consult owner's manual for access.)



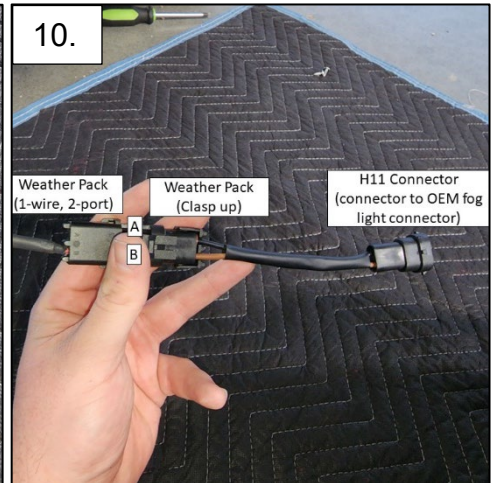
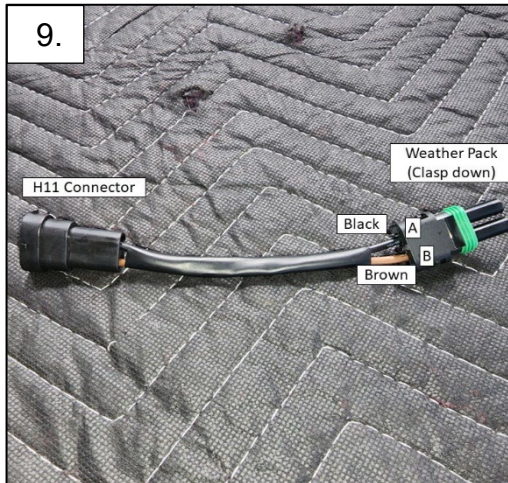
7. Locate the common ground near the passenger side battery cable and remove the bolt with a 10mm wrench. Secure the relay from the included wiring harness to the common ground and replace the bolt.

8. Run the three leads to the front of the truck and down to the passenger side fog light. Take one of the 2-pin, 2-wire leads and run it to the driver side fog light.



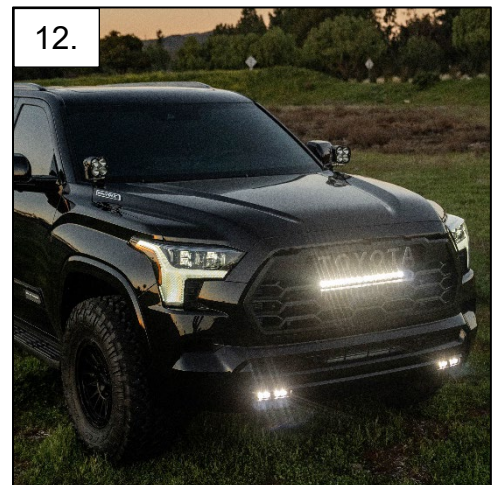
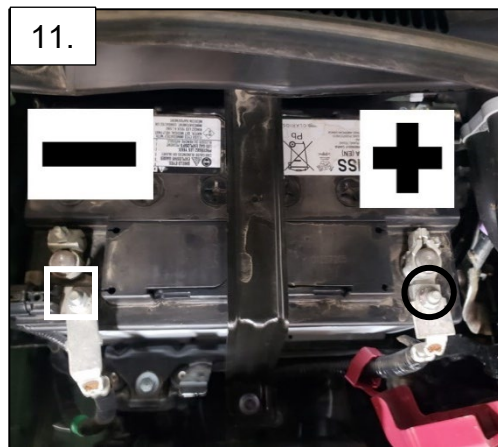
9. Plug the 2-pin, 2-wire leads into their respective 2-pin splitters. Locate the included unpinned H11 to 2-pin weather pack harness and plug the brown wire into port A and the black wire into port B. Make sure the terminals click into place and close the clamshell connector.

10. Plug the H11 adapter into the passenger side OEM fog light connector and the weather pack connector into the 2-port, 1-wire weather pack connector of the main harness.



9. With a 10mm wrench, attach the red wire ring terminal to the positive wire of the battery (circled). Replace the negative battery wire and attach the black wire ring terminal to the negative battery wire (boxed). **For hybrid vehicles, follow steps H1-H5 for battery instructions.**

10. Test the lights to ensure they operate with the OEM controls. Reinstall the lower bumper cover and secure it using a Phillips head screwdriver and the screws removed



\*Tie all wires away from sharp, hot, and/or rotating components.

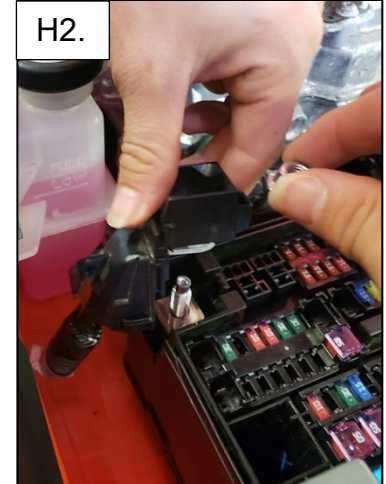
\* Re-torque all the fasteners after 100 miles.

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

## For hybrid vehicles

H1. Remove the passenger side fuse panel cover and locate the positive battery wire and post (boxed).

H2. 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.

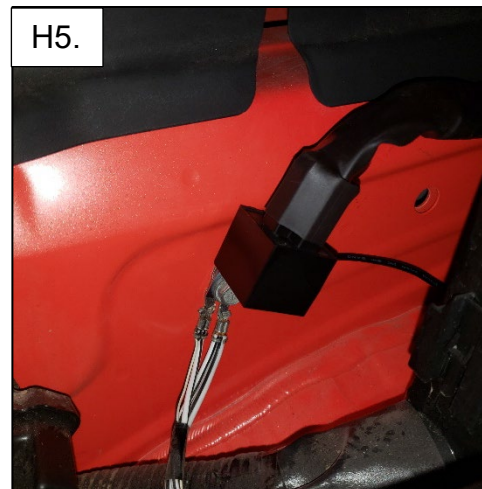


H3. Twist to pull apart the top of the plastic cable cover until it resembles photo H3. Using a flat head screwdriver, release the 2 tabs on the bottom of the plastic wire cover until the two halves separate and remove them from the wire. Discard the piece that the wire terminal runs through.

H4. 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.



H5. 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 light into the wiring harness and test it.



\*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.