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**2024-on Toyota Tacoma Reverse Kit
(44-8247, 44-8248)**



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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 it 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.

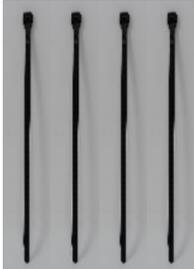
Buyer is responsible for ensuring that it uses the products (and its vehicle) in accordance with all applicable laws, regulations, guidelines, and standards of care. Buyer acknowledges that some products may only be used when off-roading, and Buyer will comply with all vehicle and road safety guidelines. 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.

***For a color copy of instructions, visit your vehicle specific application on BajaDesigns.com ***

Required Tool(s):

- Sockets: 10mm, 12mm
- Wrenches: 10mm
- Hex Tool: 4mm Hex Tool
- Misc Tool: Electrical Tape, Flat Head Screwdriver

Parts List:

 <p>(44-7684) (Qty: 1) 2024-on, Toyota Tacoma Reverse Bracket Driver Side</p>	 <p>(44-7685) (Qty: 1) 2024-on, Toyota Tacoma Reverse Bracket Passenger Side</p>	 <p>(20-1141) (Qty: 8) 6mm Flat Washer</p>	 <p>(20-1143) (Qty: 4) Hardware, M6x1x20 Hex Head Screw 18-8 SS</p>	 <p>(20-1690) (Qty: 4) Hardware, M6 Nyloc nut 18-8 SS</p>
 <p>(54-9005) (Qty: 2) S2 Sport, Wide Cornering LED, For Kits</p>	 <p>(20-1612) (QTY:4-15) 8" Zip-tie</p>	 <p>(66-0028) (QTY:4) Squadron, M6 x 16 Button Head SS w/ Patch</p>	 <p>(61-3606) (QTY:1) Squadron/S2 Wire Harness Splitter 55" Universal</p>	 <p>(64-0139) (QTY:1) Squadron/ S2/ S1, Off/ On Harness (Toggle Only)</p>
 <p>(60-0102) (QTY:1) 2024-On, Toyota Tacoma, Rear Circuit Input Adapter (Toggle Only)</p>	 <p>(60-0103) (QTY:1) 2024-On, Toyota Tacoma, Rear Circuit Output Adapter (Toggle Only)</p>	 <p>(60-0068) (QTY:1) Adapter, 2-pin hitch mount light harness (Plug and Play Only)</p>	 <p>(60-0101) (Qty: 1) Upfitter Pigtail (Upfitter Upgrade Only)</p>	

Installation Instructions

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

Step 1: Install both S2 Sport Lights (54-9005) to the Reverse Brackets (44-7684 & 44-7685) using the provided M6 Button Head Screws (66-0028) and a 4mm Hex Tool. Feed the cable through the opening in the bracket prior to installing screws. Fully tighten the screws so the light is perpendicular to bracket.



Step 2: Place a M6 Hex Screw (20-1243) and a M6 Washer (20-1141) inside both lift point frame hole going through the inside hole with the threads facing down. Align the Reverse Bracket (Left = 44-7684 and Right = 44-7685) bottom mounting holes (near the letter identifier) with the screw and secure it to the frame with a M6 Washer (20-1141) and M6 Locknut (20-1690). Loosely tighten the nut so that the top mounting point can be adjusted if necessary.



^Left Side (Driver)



^Right Side (Passenger)



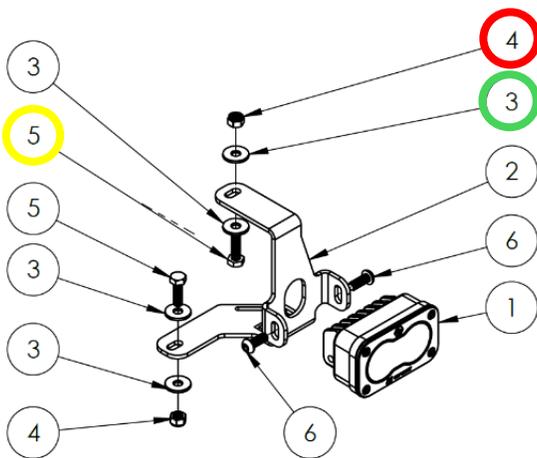
^Left Side (Driver)

Step 3: Locate the top mounting hole on the rear cross member of the frame. Place a M6 Hex Screw (20-1243) and the M6 Washer (20-1141) on the inside of the cross member and feed up through the hole (threads should be facing up). If you cannot reach the hole with your hand, tape the bolt onto a 10mm wrench and feed the screw through the mounting hole.



^Screw depicted above is for locating demonstration. For installation, insert screw from inside tube.

Step 4: While holding the screw in place from the previous step (Yellow circled 5 in the figure below), align the Reverse Bracket (44-7684 or 44-7685) top mounting slot with the screw holding the bracket in place, put the M6 Washer (20-1141) (Green Circle 3) on top of the bracket and then the M6 Locknut (20-1690) (Red Circle 4). Loosely tighten the top nut with a 10mm socket while holding the hex head screw with a 10mm wrench. Repeat for both sides.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	54-0001	S2 Sport Spot Clear	1
2	44-7684	2024-On Toyota Tacoma Reverse Bracket Driver Side	1
3	20-1141	Hardware, Washer, Oversized, M6 x 18 x 1.6 18-8 SS	4
4	20-1690	Hardware, Nut, Nylon Insert, M6 x 1 mm 18-8 SS	2
5	20-1143	M6 x 1 x 20mm 18-8 SS Hex Head Screw	2
6	66-0028	Hardware, Screw, Button Head Hex, M6 x 1 x 16 18-8 SS, w/ Patch	2

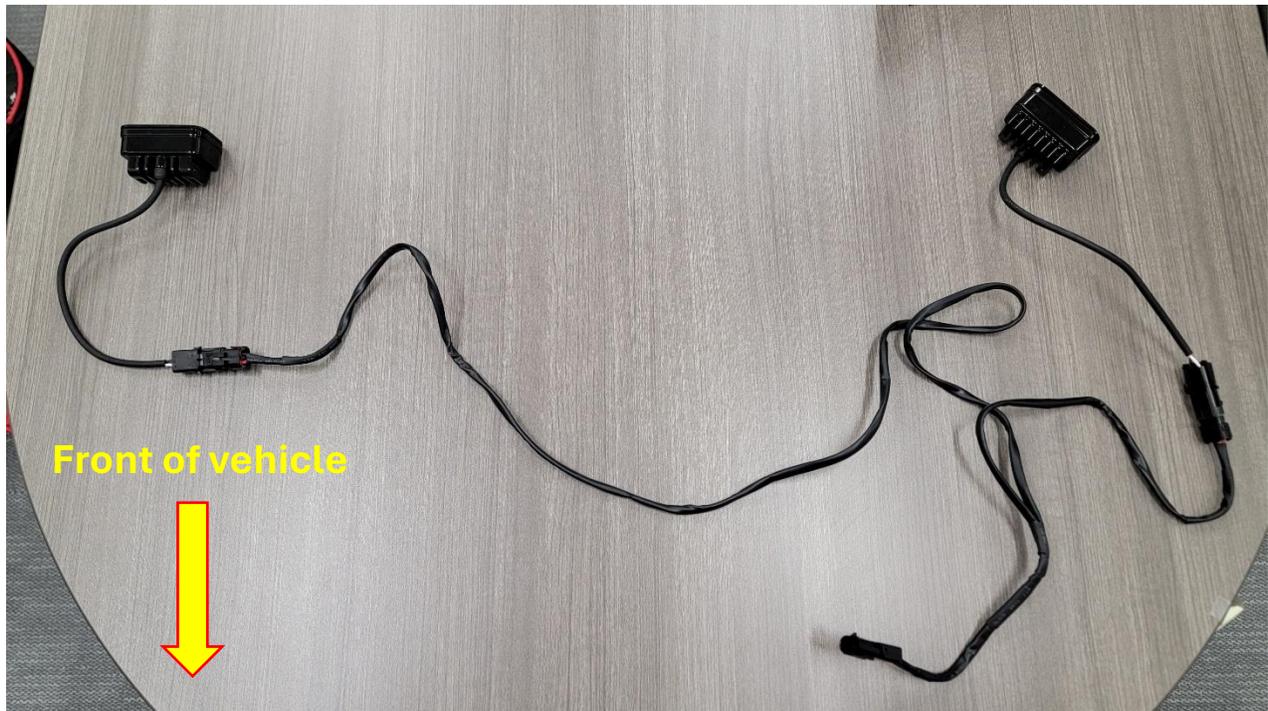
Above is an exploded view of the Left (drivers' side) assembly.

Both the Left and Right sides are nearly identical with the only change being the bracket. The assemblies are a mirror of each other.

Step 5: Align the light face with the bumper and tighten in place. Use a 10mm socket and 10mm wrench to secure the mounting bracket to the vehicle frame. Adjust Light angle to bracket if necessary.



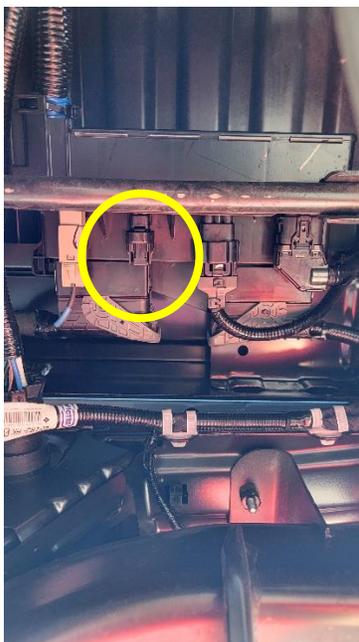
Step 6: With the lights secured in place, connect the Universal Harness Splitter 55" (61-3606) to both lights. Ensure the shorter side of the splitter goes to the left (drivers' side) light.



Step 7 (For Plug and Play Only): Connect the 2-Pin Hitch Mount Light Adapter Harness (60-0068) by removing the OEM hitch plug and inserting the harness in between. Once connected, connect the Splitter Harness installed in step 6. Tie all loose wiring neatly away from hot, rotating or sharp components using the provided Zip-Ties (20-1612). Test installation by turning on vehicle and putting it in reverse. Installation is complete!



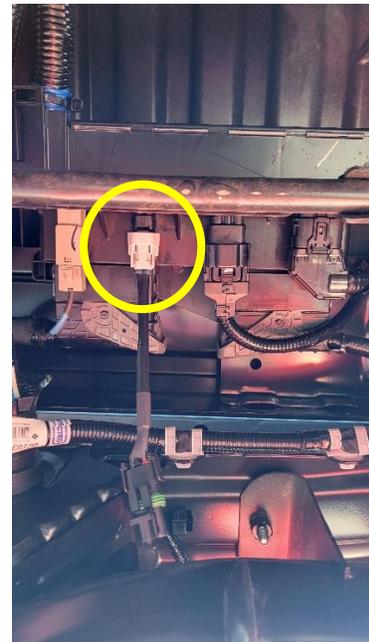
Step 7 Toggle Only: Remove the protective cap from the connector at the rear frame powered circuits junction box of the vehicle (A) -> (B). The junction box is located underneath the vehicle near the rear left (drivers' side) taillight. Connect the Rear Circuit Output Adapter (60-0103) to the Splitter harness installed in step 6 and to the OEM Junction Box (C). Tie all loose wiring neatly away from hot, rotating or sharp components using the provided Zip-Ties (20-1612).



(A)

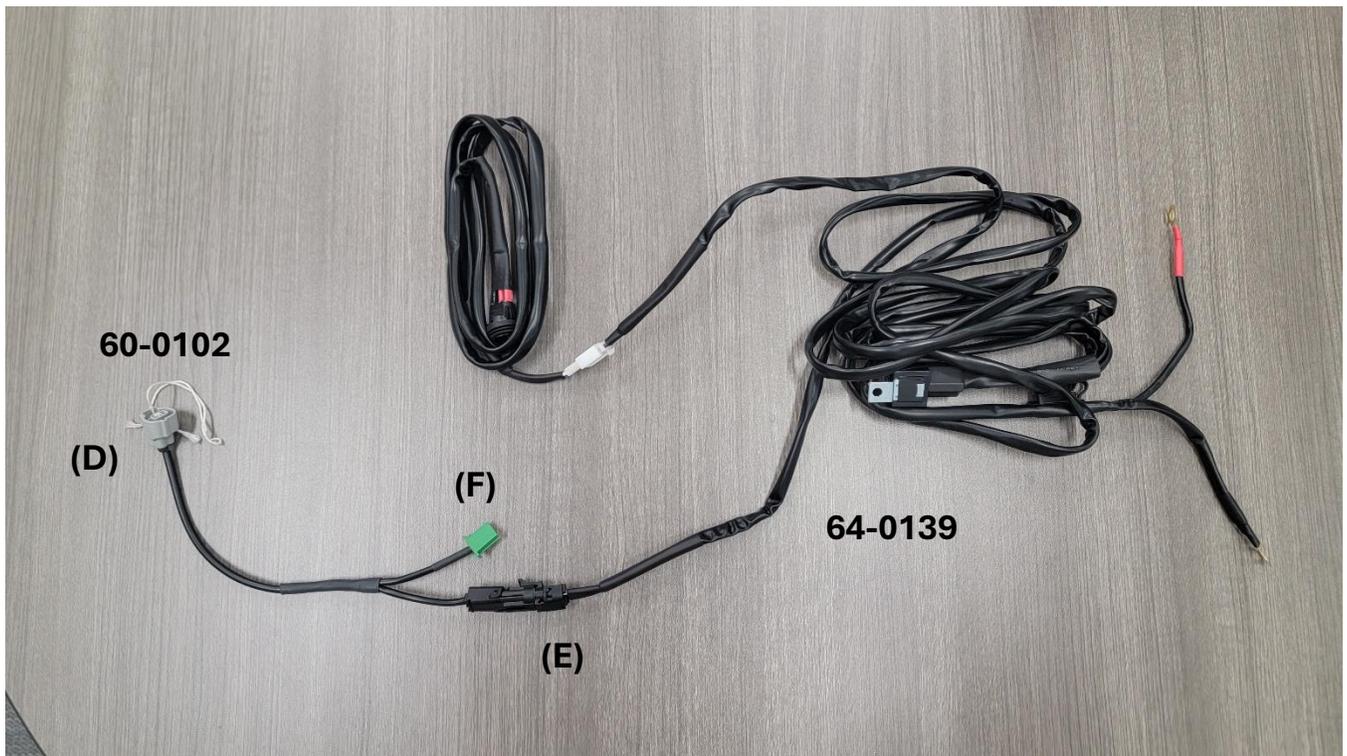
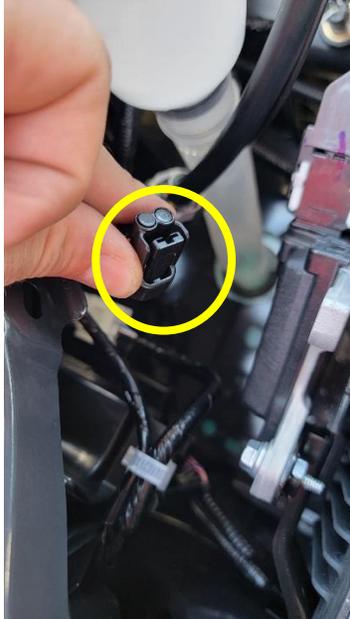
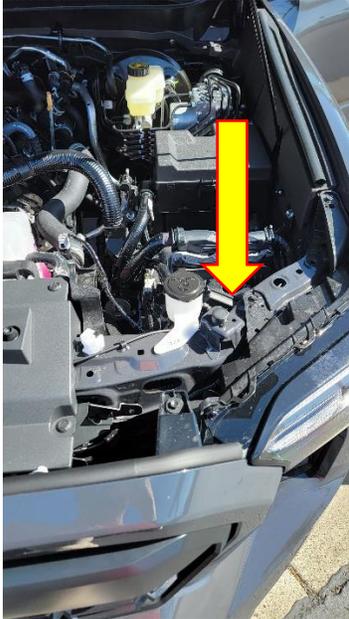


(B)



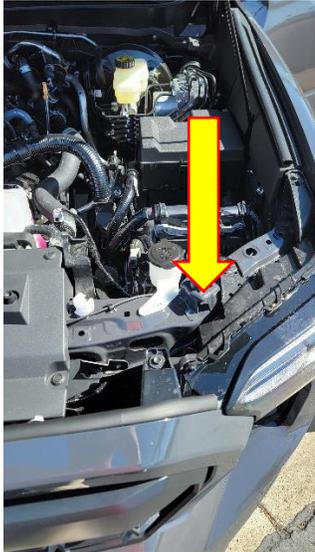
(C)

Step 8 Toggle Only: At the front of the vehicle, behind the left front (drivers' side) headlight remove the protective cap on the OEM connector and connect the Rear Circuit Input Adapter (60-0102) (D). Connect the Rear Circuit Input Adapter to the Off/ On Harness (64-0139) at the 2-Pin weather pack power connector (E). The green connector of the Rear Circuit Input Adapter will remain unoccupied for this application (F).



Step 9 Upfitter Upgrade: If the Upfitter Harness Upgrade (60-0101) was purchased, Connect the harness to the AUX 5-pin connector right behind the left front headlight (next to connector in last step) shown at position (G).

Disconnect the white switch plug from the Off/ On Harness (64-0139) and connect the upfitter harness in place of the toggle switch (H).



(G)



(H)

AUX SWITCH WIRE COLORS:

AUX 1 = Red

AUX 2 = Yellow

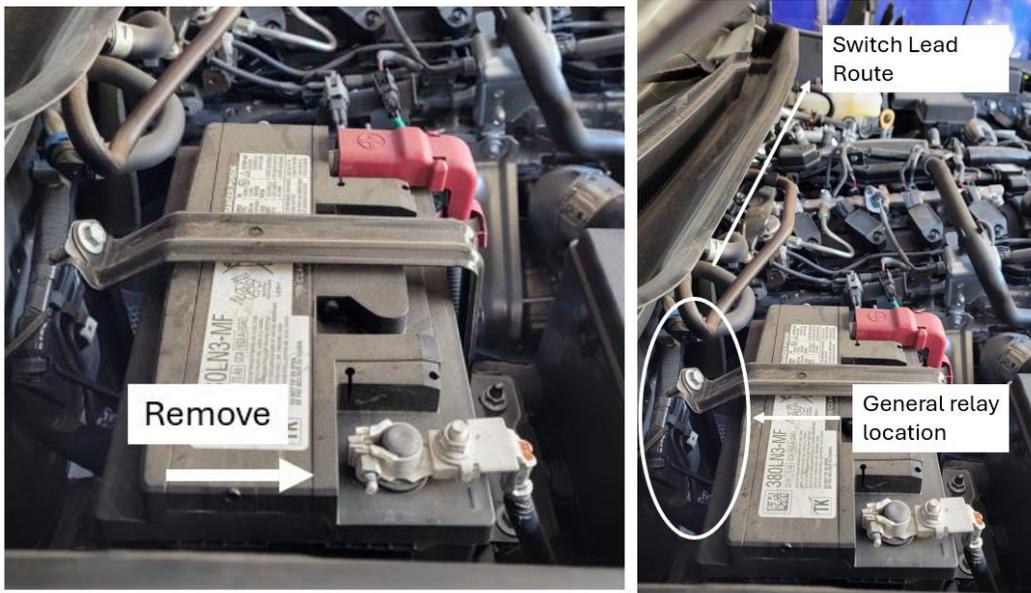
AUX 3 = White

All OEM switches are found on the dashboard of the vehicle.

Step 10 Toggle Only: Route the battery terminals of the Off/On Harness (64-0139) back to the battery along the general path depicted below. Take care to ensure the harness avoids all hot, sharp and rotating components.



Step 11 Toggle Only: Using a 10mm and 12mm socket, disconnect both the negative and positive battery cable. Locate the red ring terminal of the Off/On harness (64-0139) and attach it to the positive battery post using a 12mm socket. **(for hybrids, refer to hybrid instructions)** Secure the relay near the battery.



Step 12: Disconnect the white connector on the switch lead of the Off/On Harness (64-0139) and remove the connector from the switch side leaving the pins exposed.

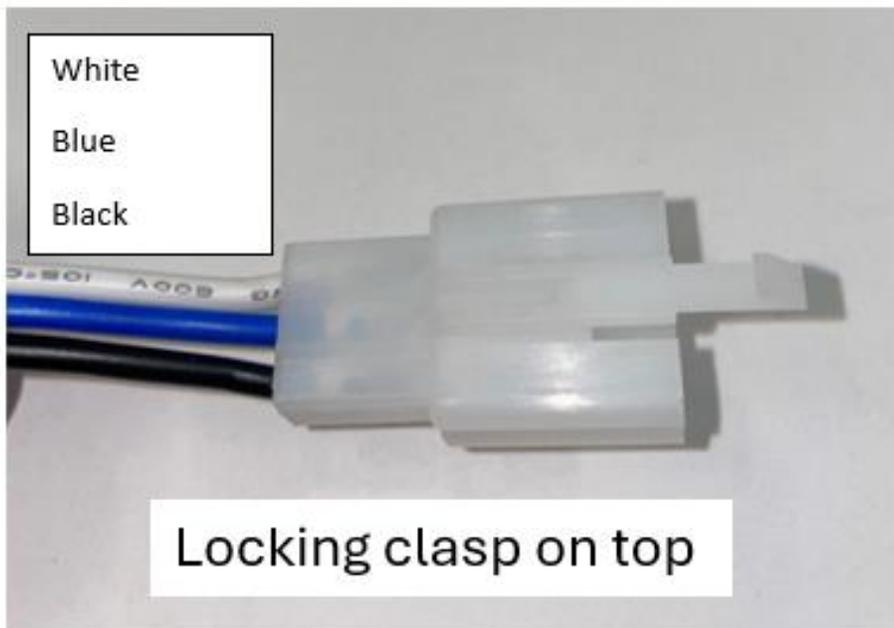


Step 12 Cont.

Make a small hole in the firewall passthrough and pass the switch lead connector through the boot from the inside of the cab into the engine bay (pin side first).



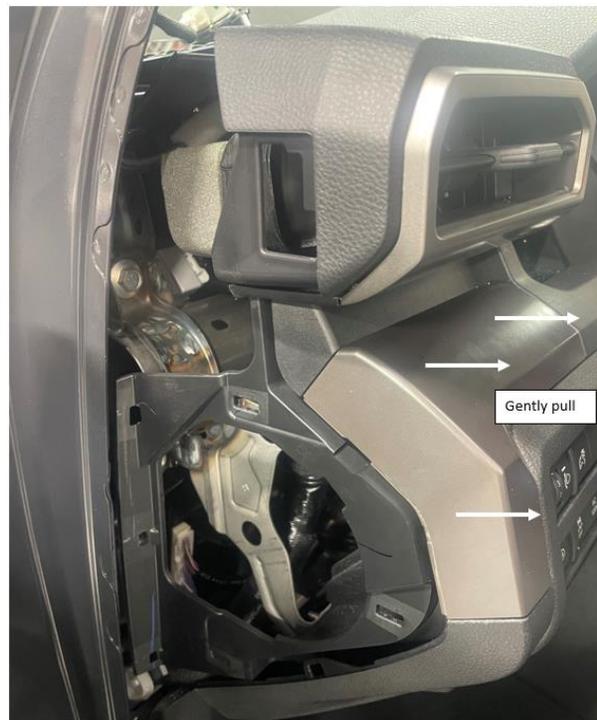
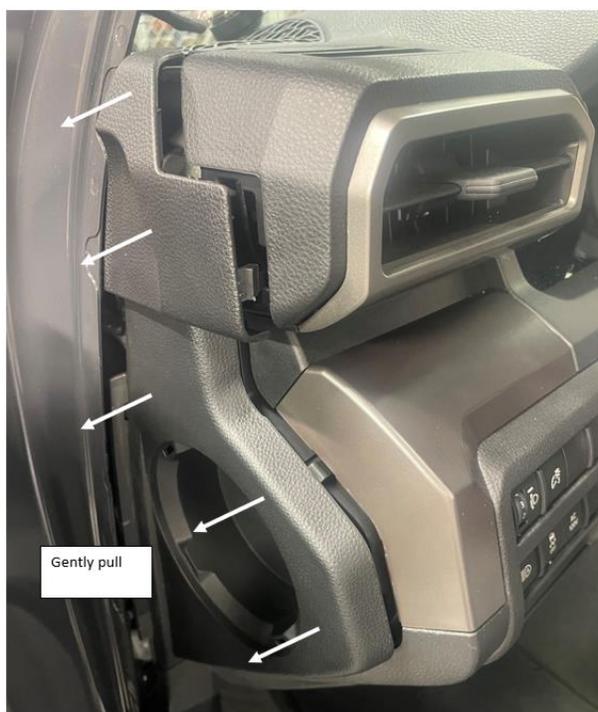
Pull the switch lead into the engine bay until it is long enough to be reconnected to the original harness. Re-install the white connector onto the exposed pins using the format below and then reconnect the two harnesses.



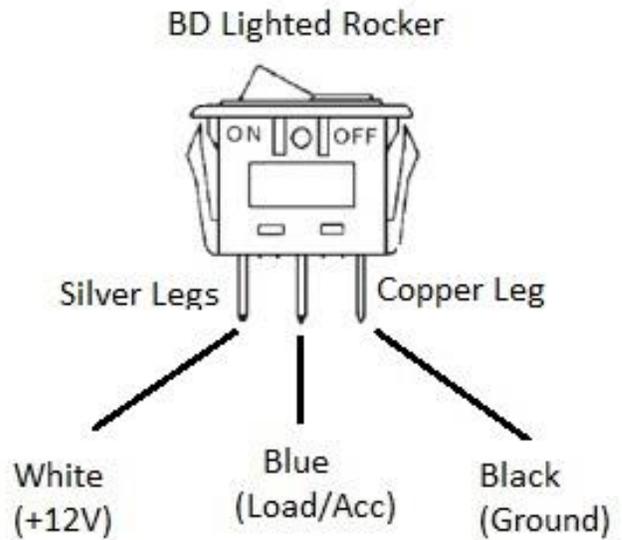
Step 13: Remove the door seal on the driver's side and the round trim panel pictured below.



Remove the trim panel off the side of the dashboard by starting at the top edge and gently pulling away from the dash. Remove the chrome trim panel by pulling parallel to the arrows pictured.

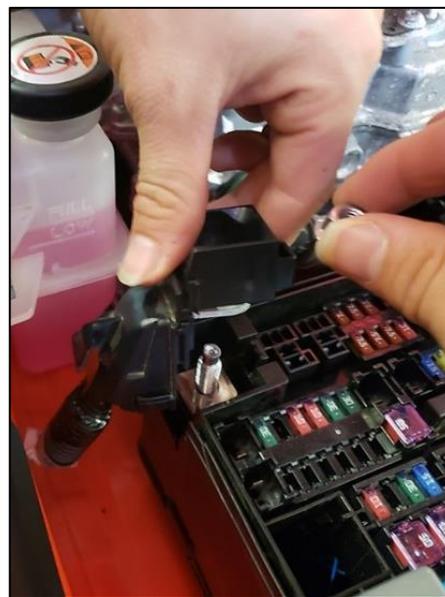


Drill a hole 3/4" diameter at the location specified. Remove the button from the switch harness leaving only the exposed pins. Run the harness up from the footwell behind the dash and into the newly made hole. Re-install the button onto the harness and place it into the dashboard. Re-install all trim panels.

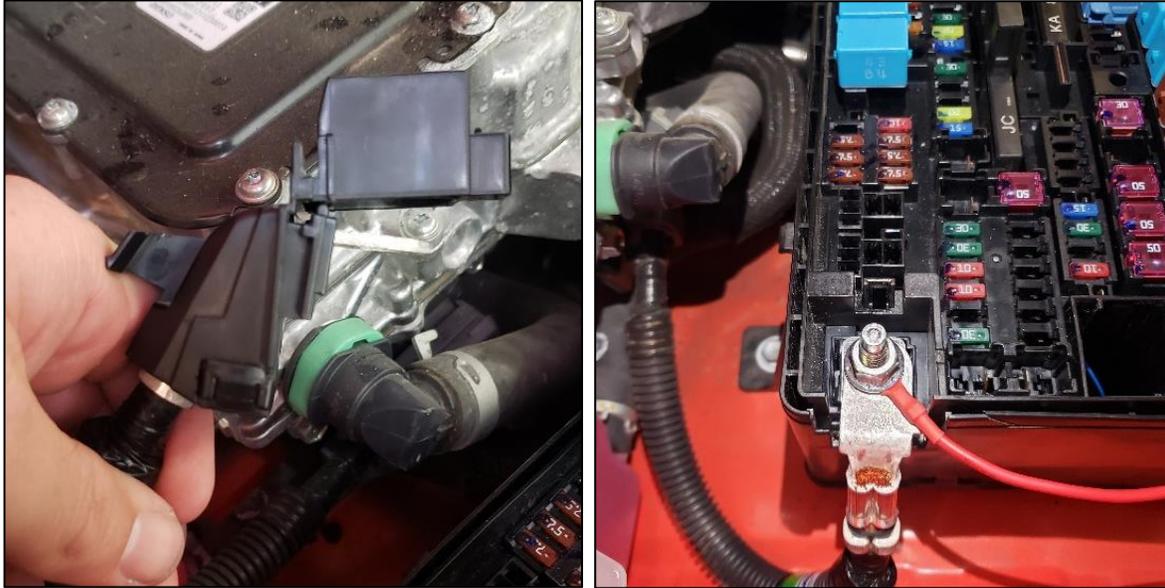


Step 14: Hybrids Only

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 the photo below. 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.



Finishing Up the Install

*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.