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THE SCIENTISTS OF LIGHTING

Toyota Cargo Light Kit Instruction (39-8061, 39-8062)



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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):

- T30 Torx
 - 7mm wrench
 - 3mm hex key
 - Sockets: 10mm, 12mm
- Drill
 - ¾" Step drill bit
 - Flush cuts

Parts List:

 <p>(Qty: 4) LED Rock Light</p>	 <p>(44-7082) (Qty: 4) Cargo Light Bracket</p>	 <p>(20-1017) (Qty: 8) M4x8 Hex Screw</p>	 <p>(20-1018) (Qty: 8) M4 Hex Nut</p>
 <p>(20-1016) (Qty: 8) 4mm Flat Washer</p>	 <p>(60-0104) (Qty: 1) Cargo Light Harness</p>	 <p>(64-0165) (Qty: 1) 2-Pin 10' Extension</p>	 <p>(64-0139) (Qty: 1) 2-Pin On/Off Harness</p>
 <p>(20-1612) (Qty: 12) 8" Zip Tie</p>			

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

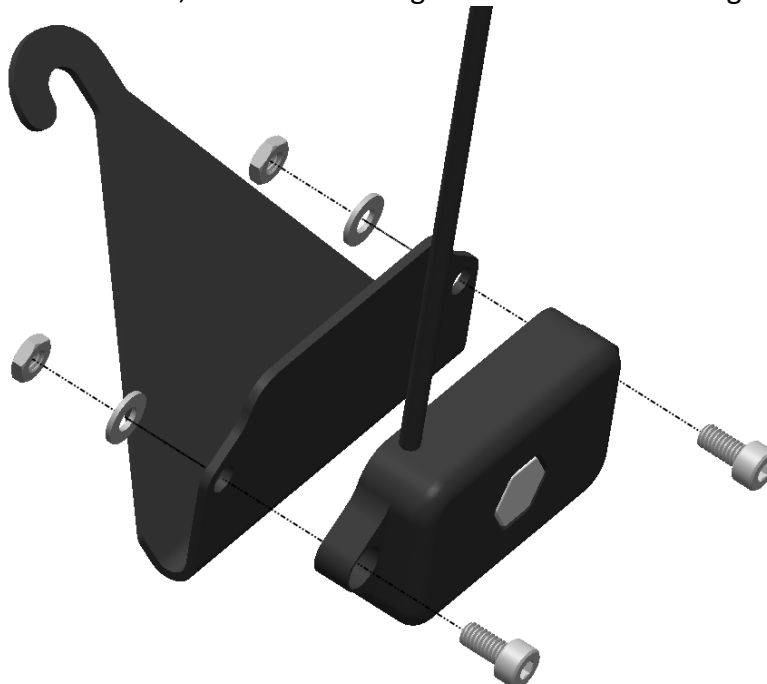
Step 1:

Disconnect the negative battery terminal on the vehicle battery using a 10mm socket.



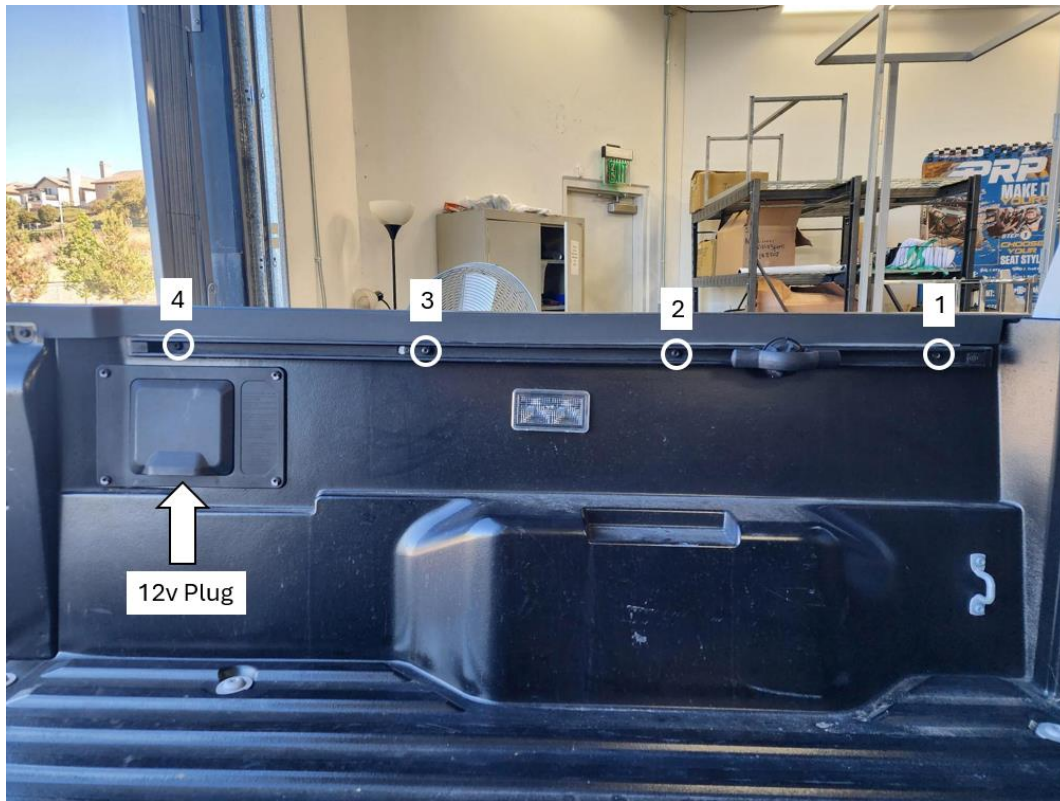
Step 2:

Using a 3mm hex key and 7mm wrench, attach the rock lights to the brackets using the included hardware.



Step 3:

Using a T30 Torx, loosen the 4x bolts (circled) securing the cargo rail to the bed side. For vehicles with the 12V and/or 110V plugs in the bed, fully remove bolts 3 and 4.



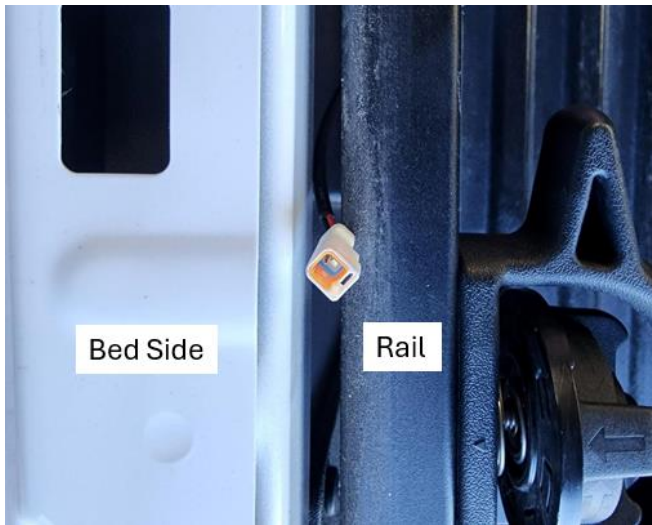
Step 4:

Gently pull the rail away at bolt 1 and slide the bracket up between the rail and the bed side. Hook the bracket around bolt 1 and retighten it. Do this for both sides. **For vehicles with NO 12V or 110V plugs, repeat with bolt 4.**



Step 5: (For vehicles with 12V or 110V plugs)

Pull the rail far enough from the bedside to slide the rock light's plug up through the gap. Replace the bolts and tighten them only a few threads. Secure the rock light bracket the same as in step 4 to bolt 3 and tighten the bolt. Repeat for the opposite side.



Step 6:

Pull up on the bed side cover to release the tabs and remove. Lay the cargo light harness out and identify the short and long leads. Connect the long leads to the rear lights and the short leads to the front ones. Route the wires forward towards the cab on top of the bedside. Secure the cargo light harness using the hooks on the bottom side of the bed cover and snap the cover back into place.



Step 7:

Route the wires towards the front of the passenger side rear fender well. Place the extra wire length into a service loop and secure it to the lower bed support arms behind the panel boxed in green. Attach the 10' extension to the 2-pin plug.



Step 8:

Route the 10' extension up the passenger side frame rail securing it to the harness loom and brake lines along the way. Once to the front fender well, continue up into the engine bay towards the PS fuse box.



Step 9:

Take the on/off harness and attach the positive ring terminal (red) to the positive battery post using a 12mm socket. **(for hybrids, refer to hybrid instructions)** Secure the relay near the battery and plug the weather pack connector into the 10' extension.

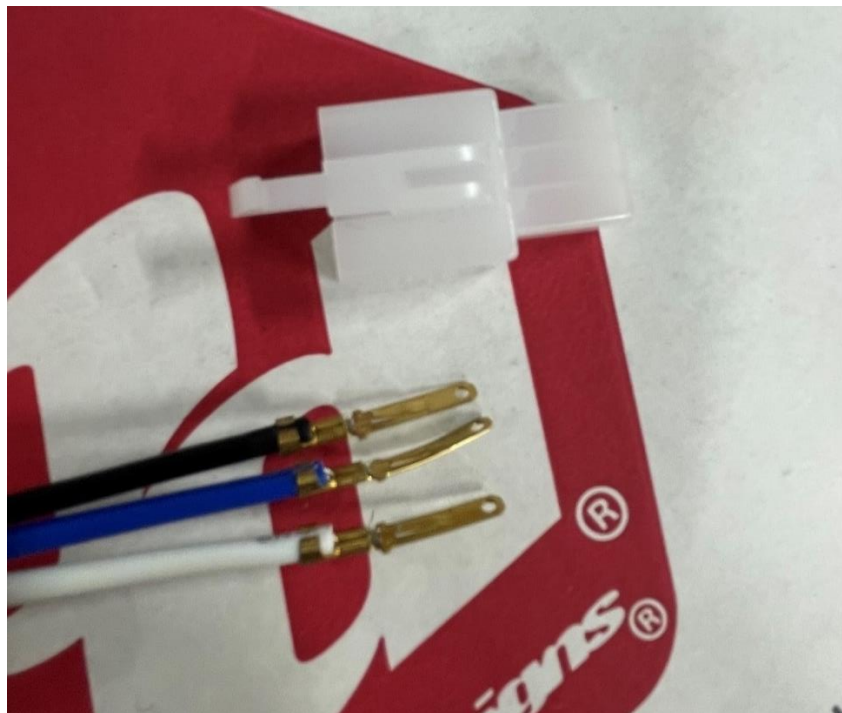
Step 10: Switch lead routing

Run the switch lead along the firewall towards the driver's side. Make sure to tie away the harness away from any hot or moving components.



Step 11: Toggle Version ONLY (Skip to step 18 for upfitter version)

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



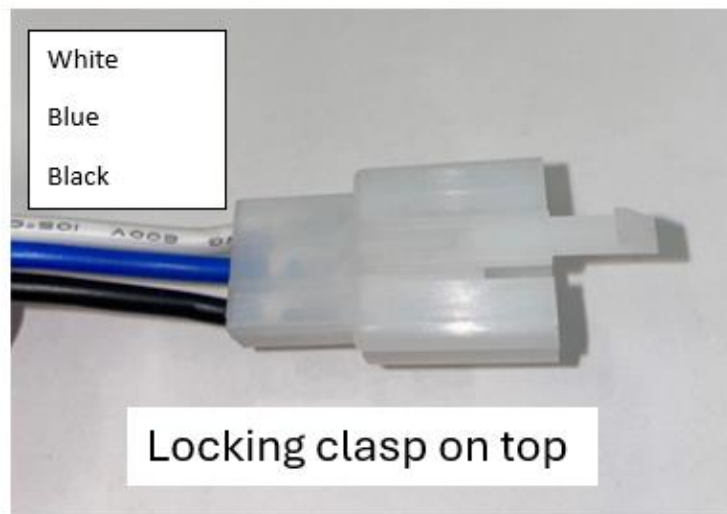
Step 12: Firewall passthrough

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).



Step 13: Harness reconnection

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.



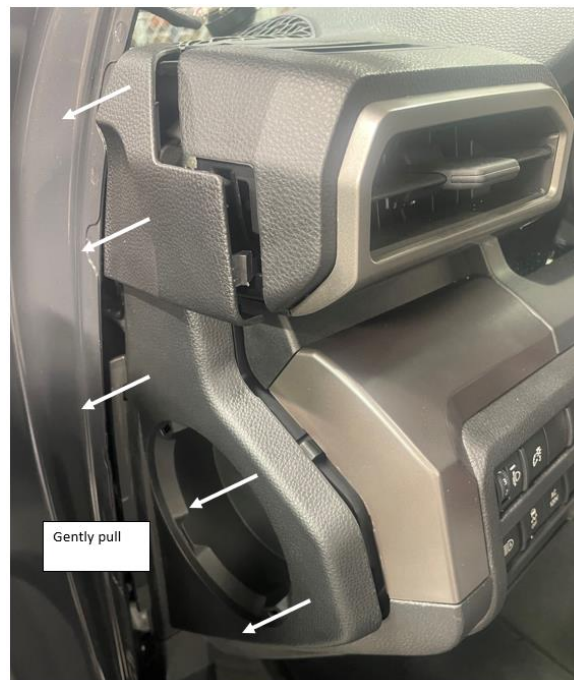
Step 14: Trim panel removal

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



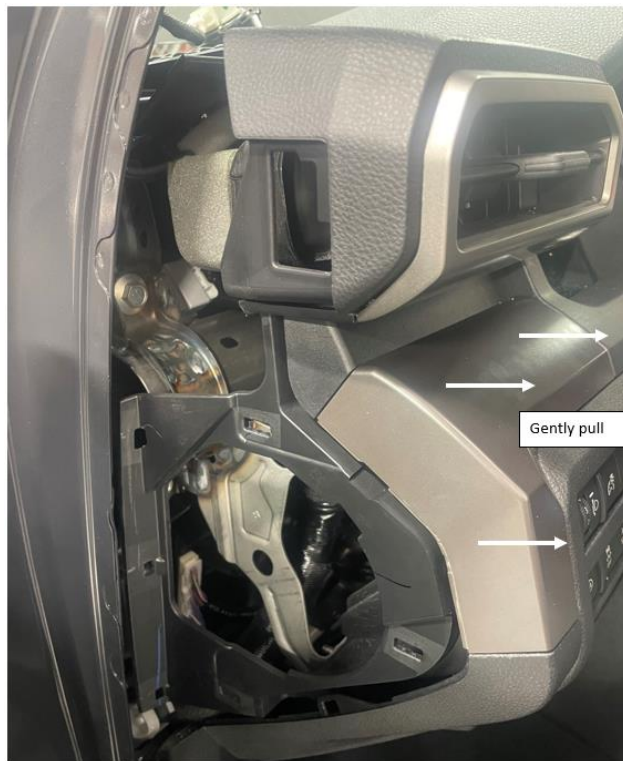
Step 15: Trim panel removal

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



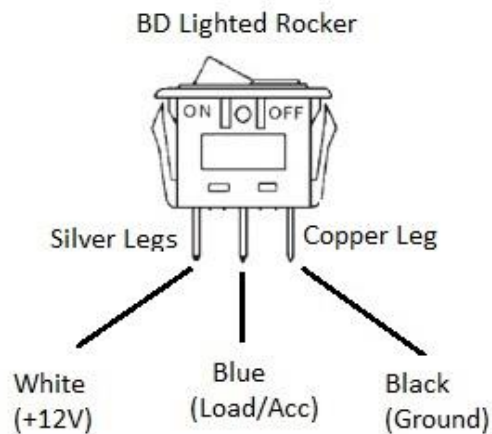
Step 16: Trim panel removed

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



Step 17: Button Installation

Drill a 3/4" hole 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.

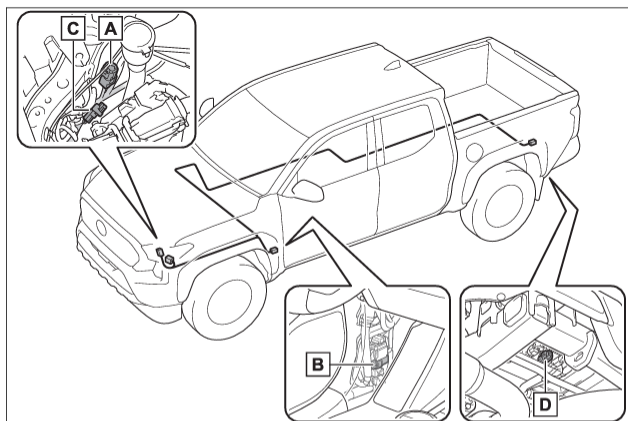


Skip to step 20 for final installation steps

Step 18: Upfitter Kits ONLY

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

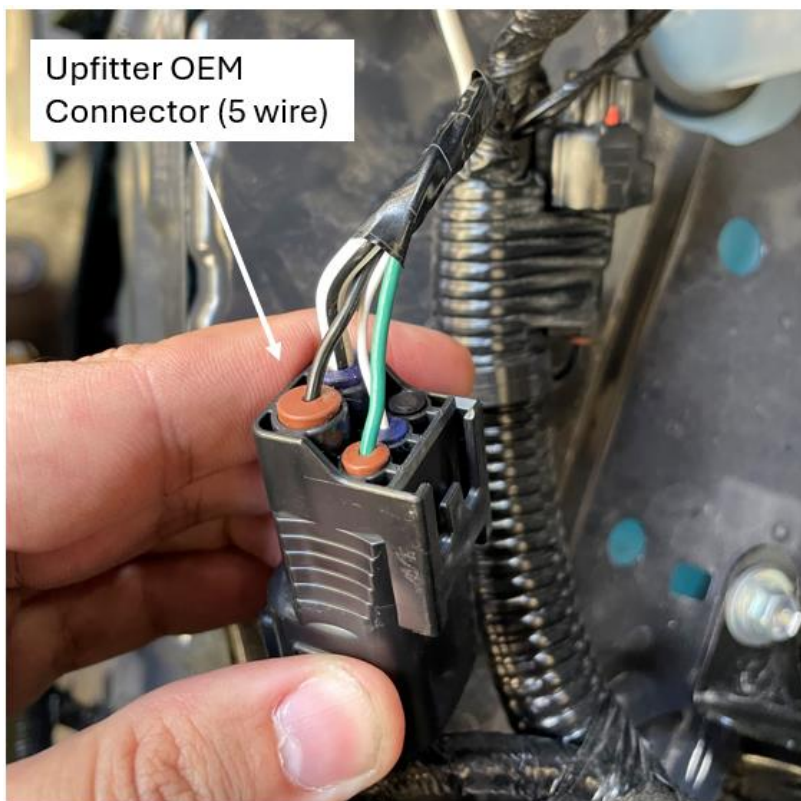
Location of auxiliary switch wire harness connectors:



- A** Engine compartment
- B** Cabin (behind trim panel)
- C** Engine compartment
- D** Rear frame

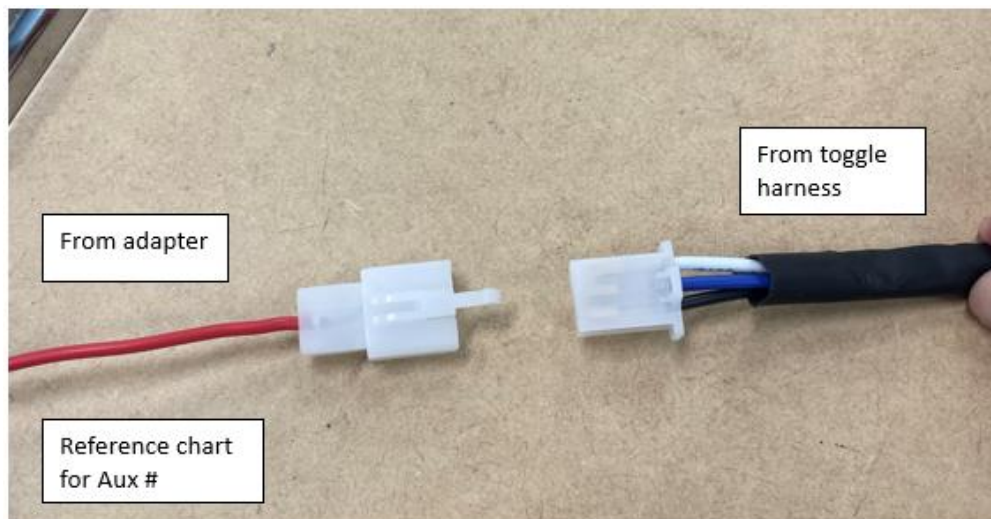
Powered Circuits:

Circuit	Fuse Name	Fuse Size	Fuse Location	Pigtail Wire Color	Connector Location
AUX1	AUX NO.1	15A	Engine compartment	Black	Engine compartment A , cabin B
AUX2	AUX NO.2	10A		Green	
AUX3	AUX NO.3	5A		White	



Step 19: Upfitter harness routing

Plug in the provided adapter and run the harness to the end of the toggle harness in step 23. Connect the two harnesses using the appropriate connector from the chart below. Tie away any slack using the zip ties provided.



Depending on which Auxiliary (Aux) button you want to control your lights follow the reference below:

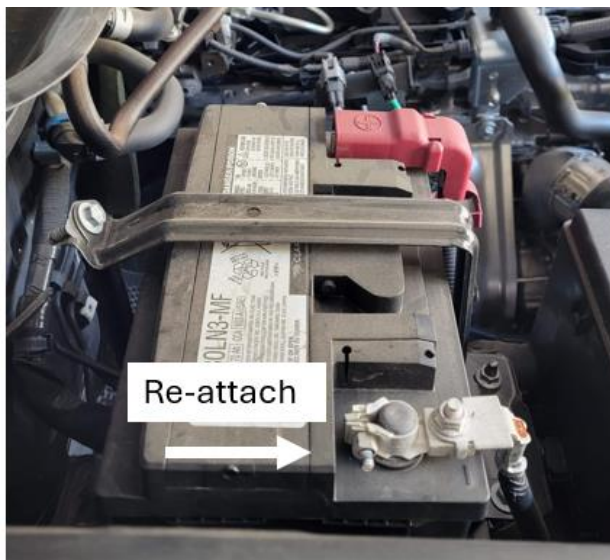
Aux 1: Connect your harness to red wire (Baja Designs adapter) (Pictured above)

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

Aux 3: Connect your harness to white wire (Baja Designs adapter)

Step 20: Battery reconnection

Use a 12mm socket to attach the black ring terminal of the harness to the negative battery cable. Reattach the negative battery cable with a 10mm socket.

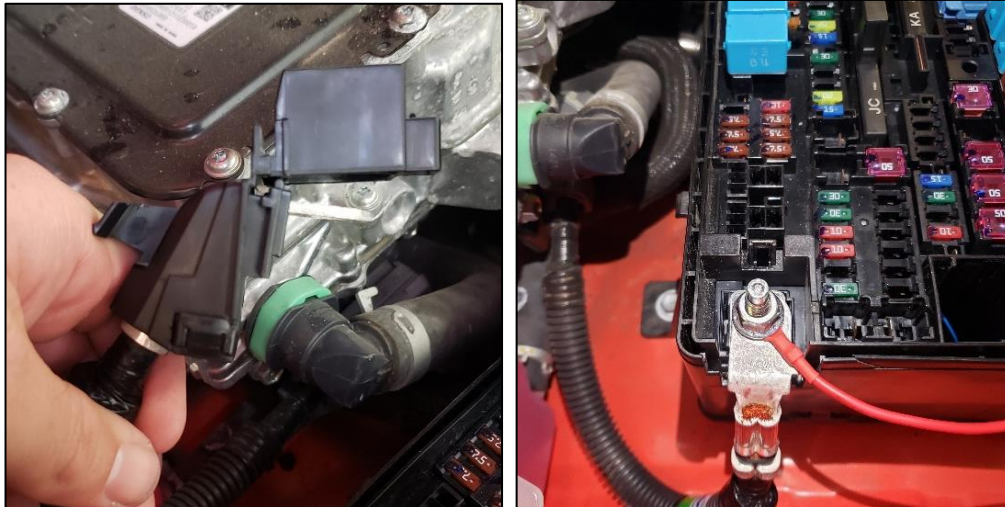


Hybrids Only

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.



Attach the ground (black) ring terminal to the ground stud located near the fuse box using a 10mm socket.

*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.