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Baja Designs 448207 Installation Instructions

Can-Am Maverick R Headlight Kit with Turn Signals

Part number: 448207

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Scan for fitment, price and install help

2024 Can-Am, Maverick R, RTL, RTL-W, RTL-B, RTL-S Kit

(44-8202, 44-8205, 44-8206, 44-8207)



2950 Norman Strasse San Marcos, CA 92069

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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.

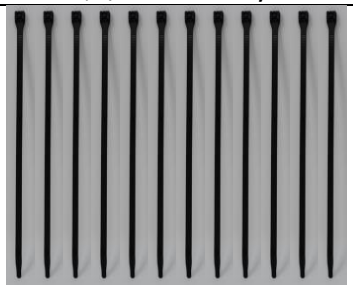
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***For a color copy of instructions, visit your vehicle specific application on BajaDesigns.com ***

Required Tool(s):

- 10mm, 13mm, 18mm, 7/16” socket
- 7/16”, 5/8”, 13mm wrench
- ¾” drill bit

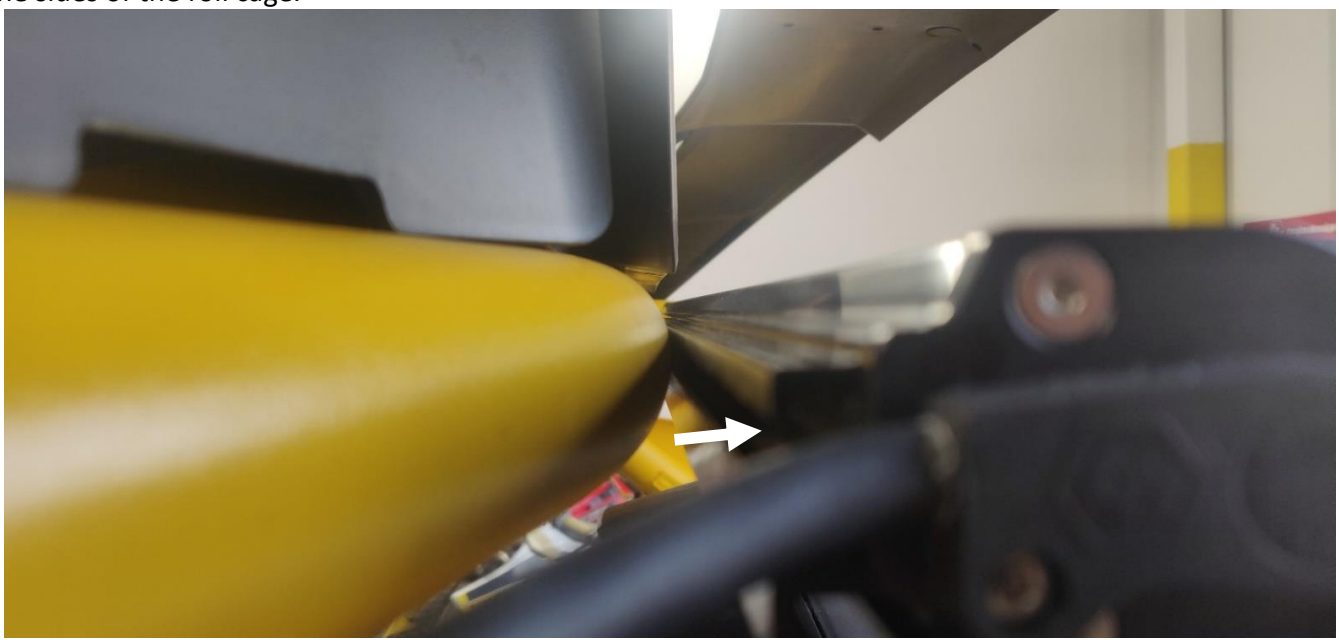
Parts List:

 **(QTY: 1)** Light Bar	 **(QTY: 1)** Harness
 **(64-0309) (QTY: 1)** Harness, Can-Am Maverick R, Tail Light Splice Adapter	 **(20-1288) (QTY: 2)** 1/4"-20 Thread Size, 2-3/4" Long, Partially Threaded
 **(20-1286) (QTY: 2)** Hardware,1/4-20 Hex nyloc nut SS	 **(20-1282) (QTY: 4)** Hardware,1/4 Flat Washer SS
 **(20-1612) (QTY: 12)** Hardware, Zip Tie 50lb 8"	

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

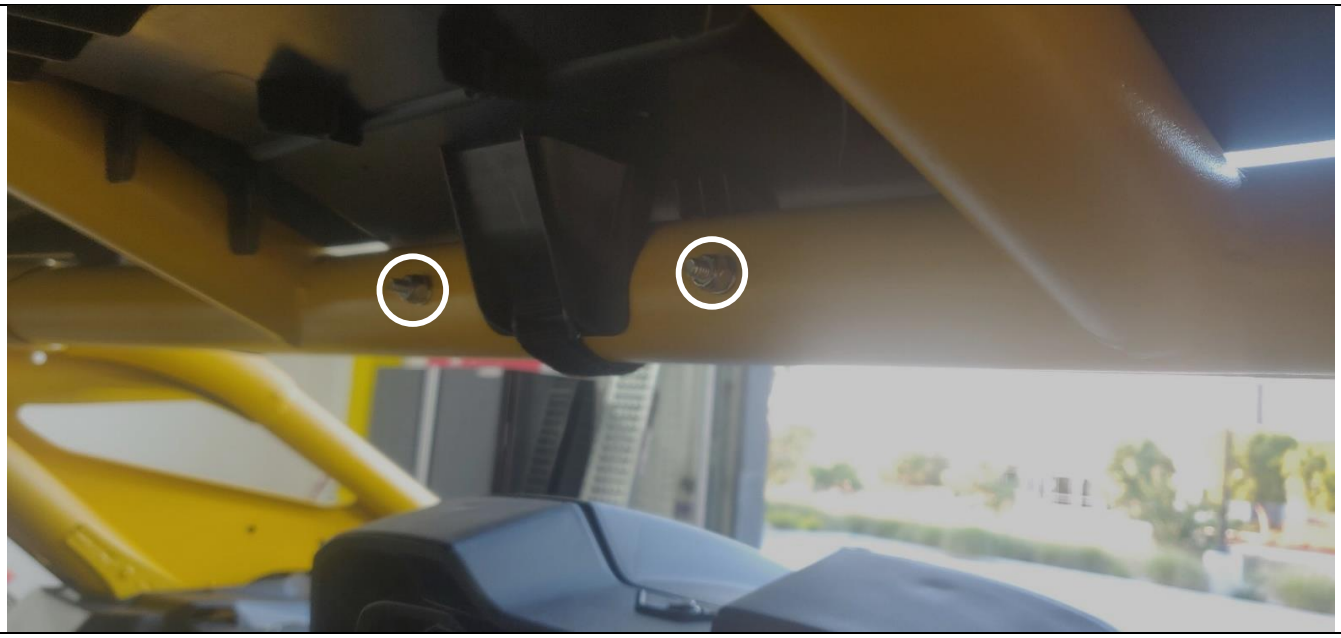
Step 1: Mount the RTL into the highlighted holes by sliding the bolt head into the rear channel of the RTL and center the light. Once centered, tighten down the nyloc nuts with a 7/16” wrench**.** Use washers on both the sides of the roll cage.



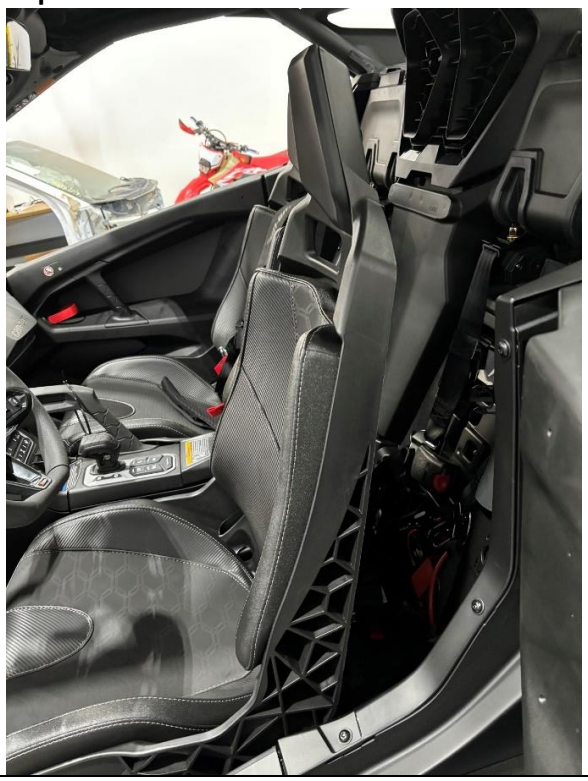


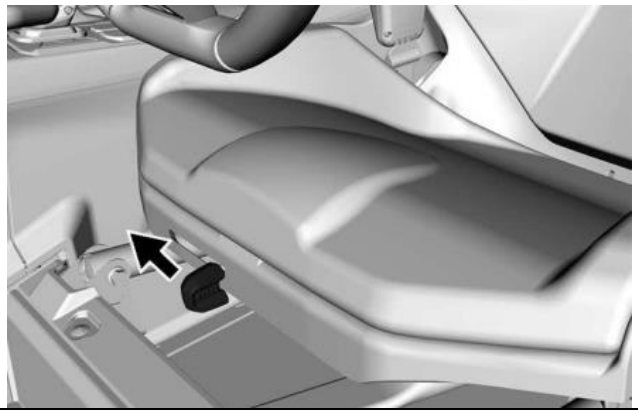


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Step 2: Slide driver side seat forward.





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Step 3: Using 13mm wrench and socket unbolt the front two bolts first.





Step 4: Using a 18mm socket, remove the nuts on the rear of the seat.



Step 5: Use 5/8” socket to remove the seat belt strap mounting bolt on the right side of the driver seat.

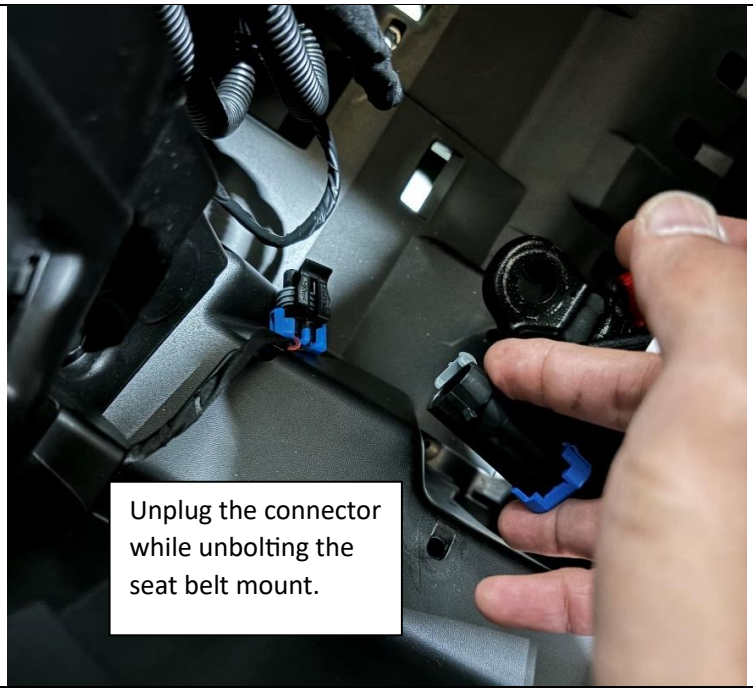


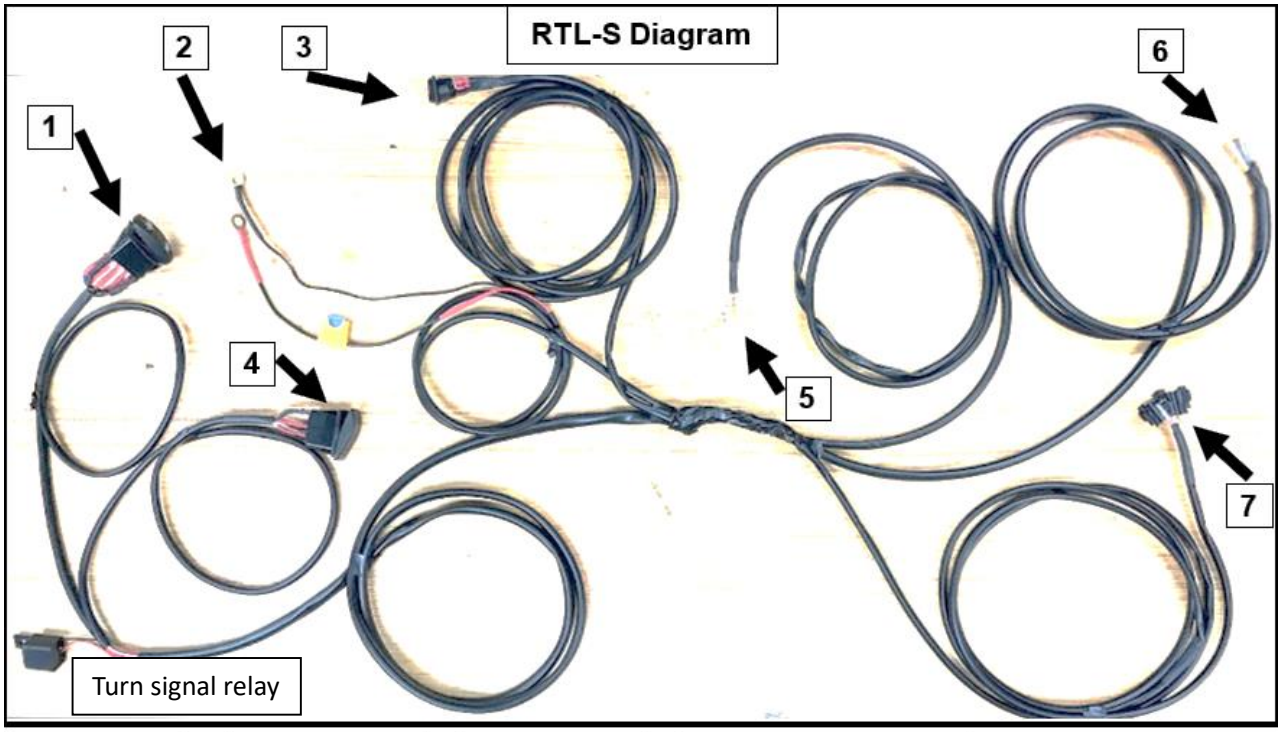


Step 6: Carefully remove the seat belts and seat.



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Unplug the connector while unbolting the seat belt mount.



I. Turn signal rocker switch

II. Battery Leads:
Red – Positive (+)
Black– Ground (-)

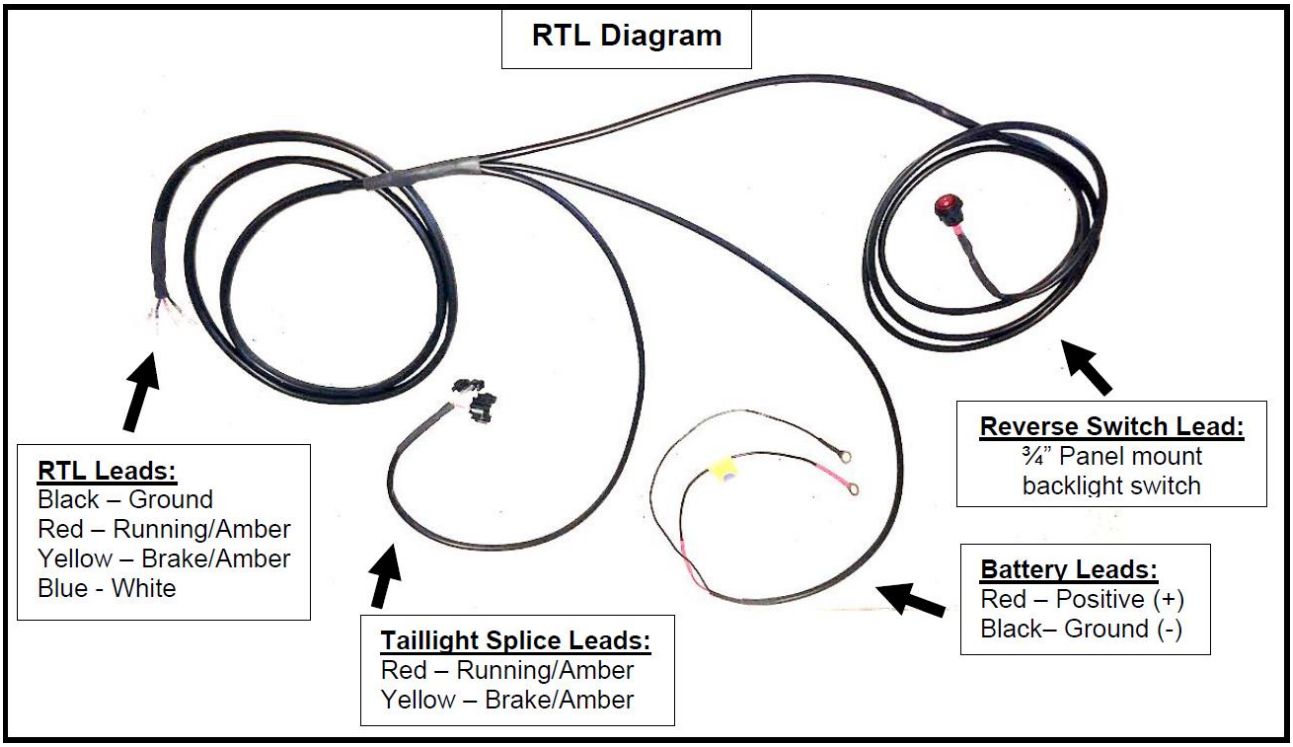
II. Reverse Switch:
¾" Panel mount backlight switch

IV. Dust Light Switch:
21mm x 37mm

V. RTL Leads:
Black – Ground
Red – Running
Yellow – Brake
Blue - White

VI. RTL Turn Signal Leads:
Blue – Left
Yellow – Right

VII. Taillight Splice Leads:
Red – Running/Amber
Yellow – Brake/Amber

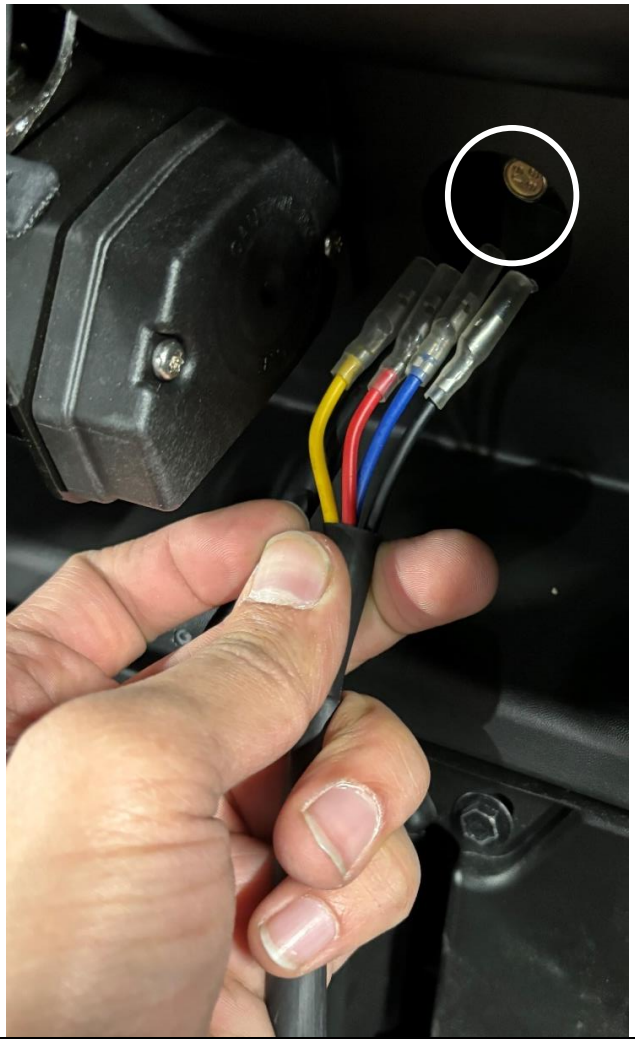


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Step 7: Take a reference photo of each switches wiring and disconnect the spade connectors. For RTL-S there would be two extra switches (rocker and round) do the same for them as well.



Step 8: Begin routing the RTL leads from the cockpit side of the firewall. Remove grommet located on the firewall near seatbelt retractor and feed wires through it.





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Step 9: Pull the connectors from the rear side of the firewall. Route the light bar connectors up the chassis member where the RTL is mounted. Connect the RTL leads to the mounted light bar by matching color to color.





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Following steps are for RTL-S only.

Step 7a: Take a reference photo of the dust light switch, reverse switch and turn signal rocker switch



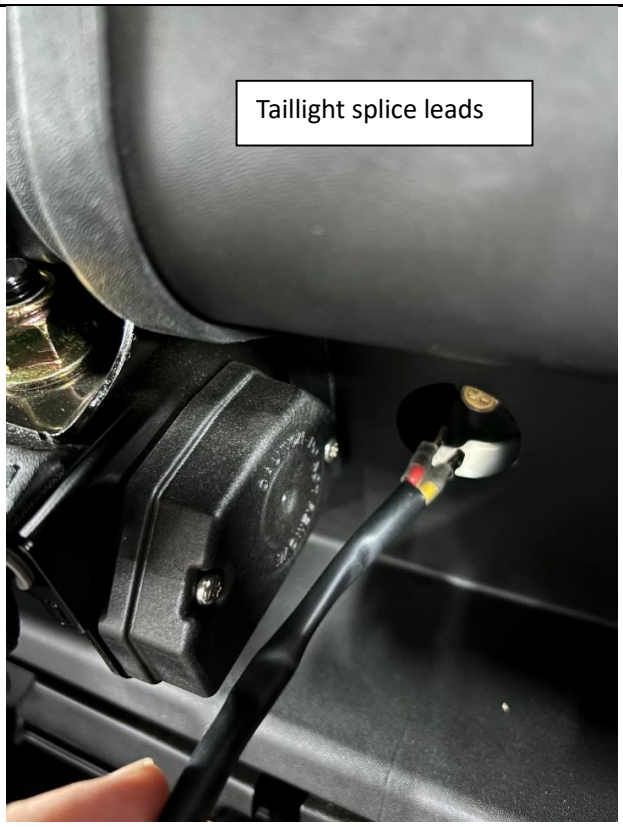


Step 8a: Begin routing the RTL and taillight splice leads from the cockpit side of the firewall. Remove grommet located on the firewall near seatbelt retractor and feed wires through it.





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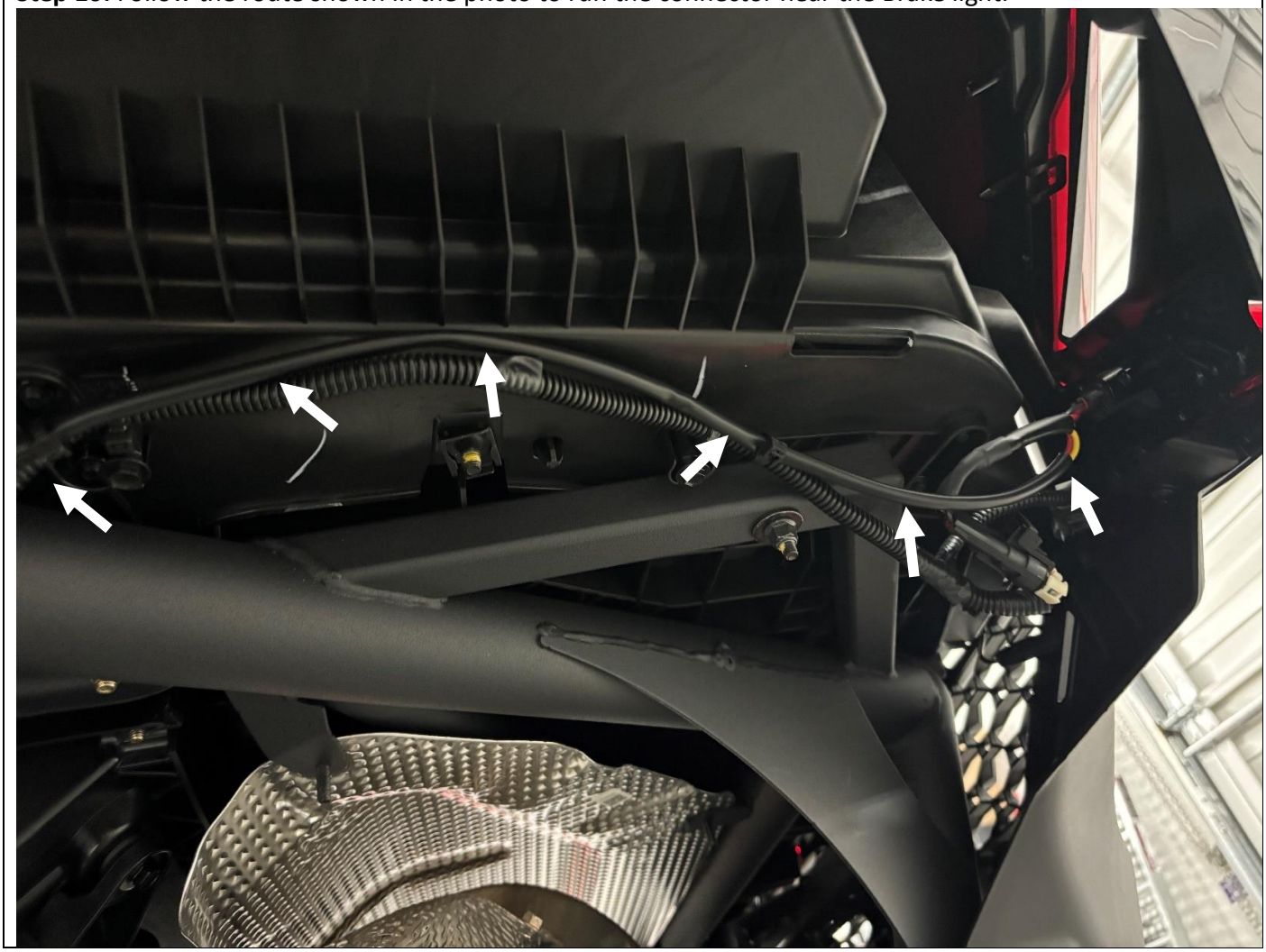
Step 9a: Pull the connectors from the rear side of the firewall. Route the light bar connectors up the chassis member where the RTL-S is mounted. Connect the RTL and RTL Turn Signal leads to the mounted light bar by matching color to color.



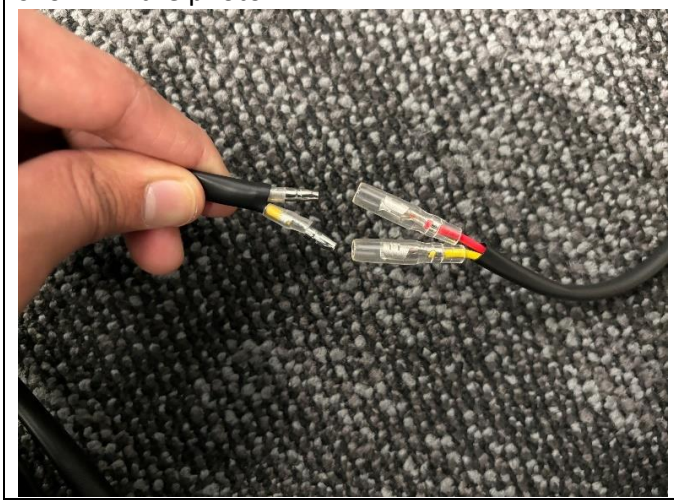
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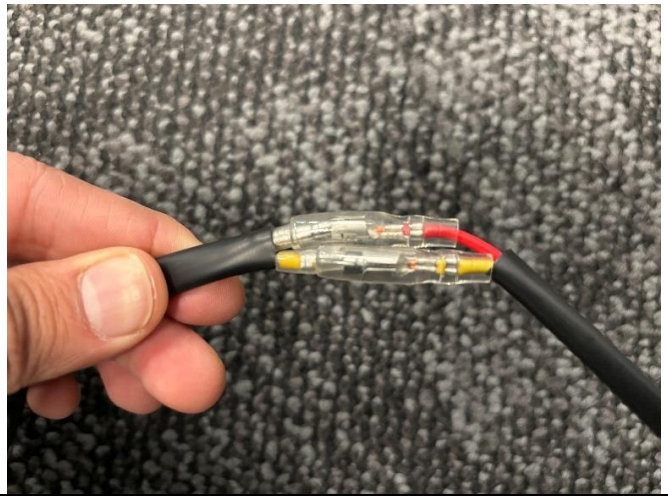


Step 10: Follow the route shown in the photo to run the connector near the Brake light.



Step 11: Connect the harness bullet connectors with the RTL splice adapter by matching color to color as shown in the photo.

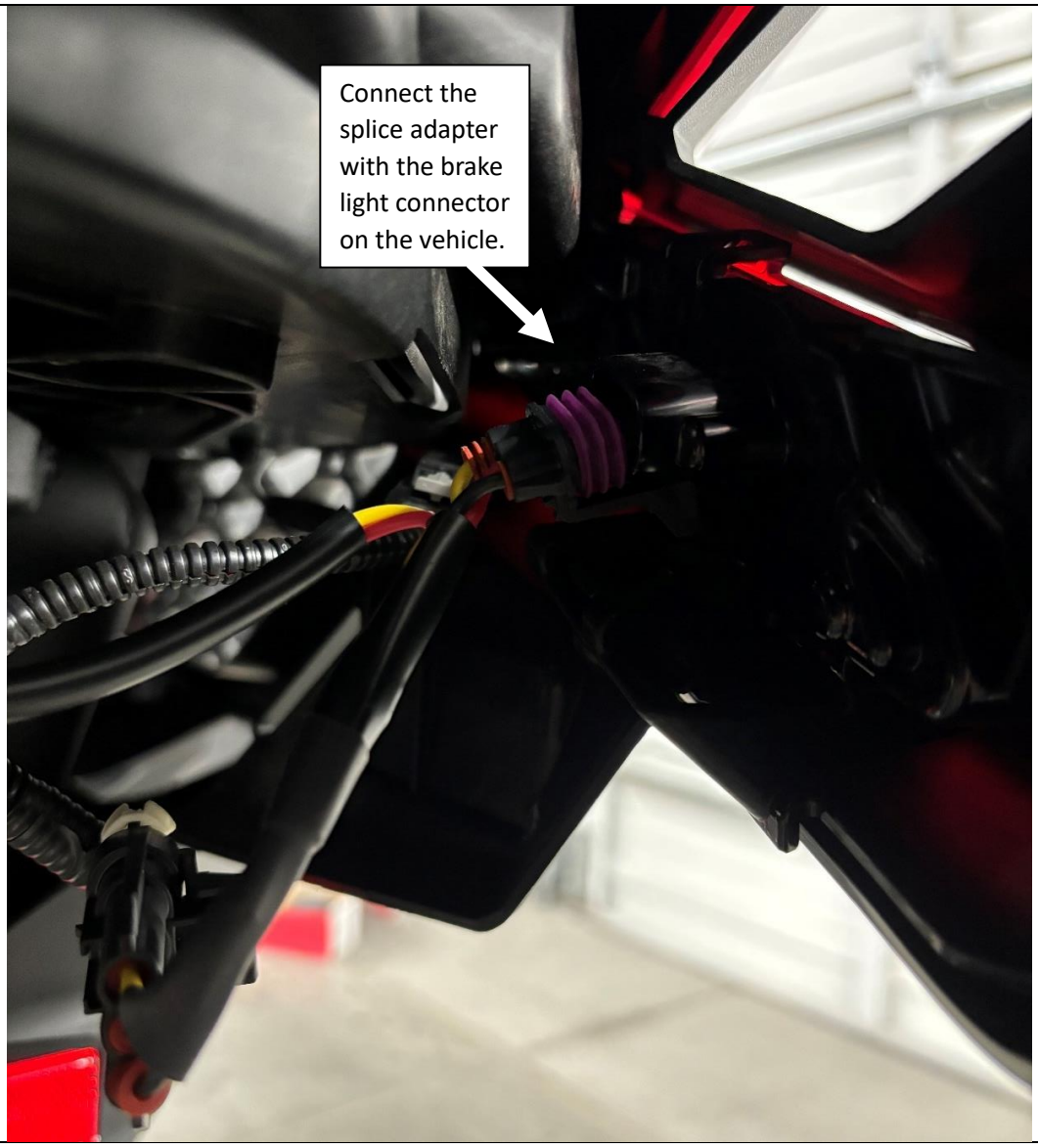




Step 12: Detach the OEM brake light connector and connect the tail light splice connector in between.



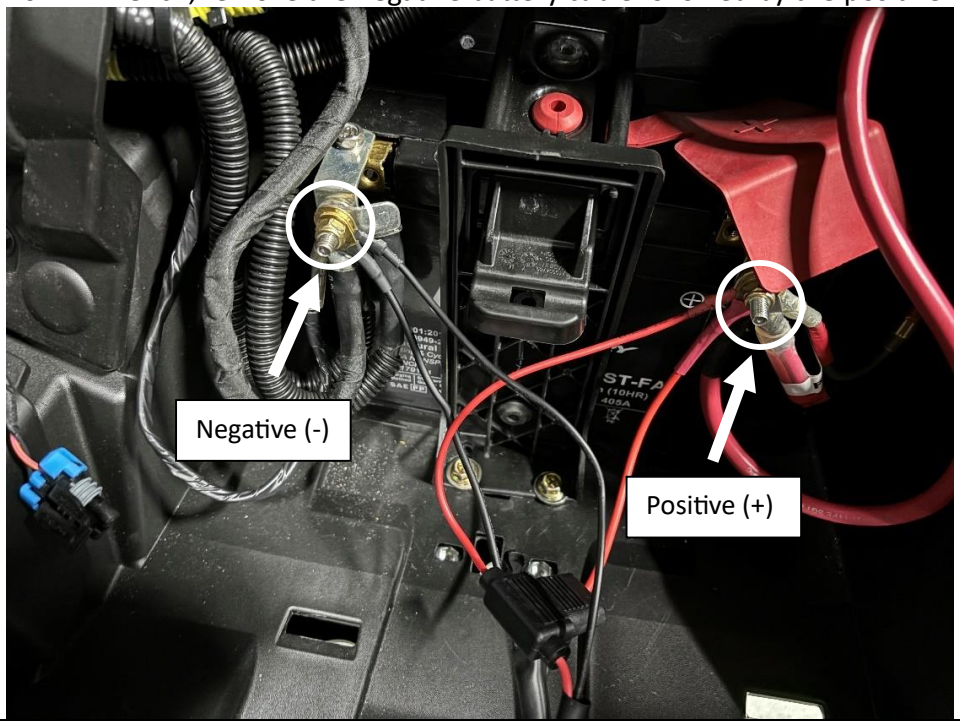
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Connect the splice adapter with the brake light connector on the vehicle.

Step 13: Now, carefully remove the battery cover behind driver seat.



Step 14: Using a 10mm wrench, remove the negative battery cable followed by the positive.



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Step 15: Remove the lower console lid by lifting and releasing.



Step 16: Carefully pull out the switch panel on the lower console. This will create an empty space that would be used to pull the spade connectors for mounting the switches.

Step 17: Locate the brake line pass through in the lower console and route the spade connectors of the backlight switch.



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Step 18: Use the photos taken of the backlight switch pin outs and connect the switches.

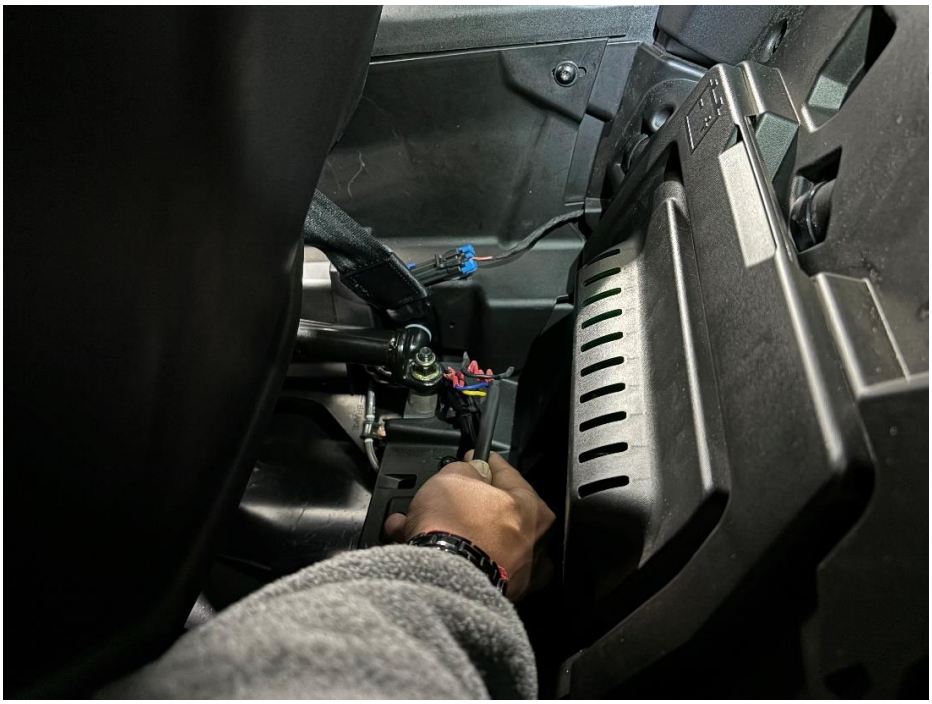


Following steps are for RTL-S only

Step 17a: Locate the brake line pass through in the lower console and route the spade connectors of the Turn signal, reverse and dust light switch.



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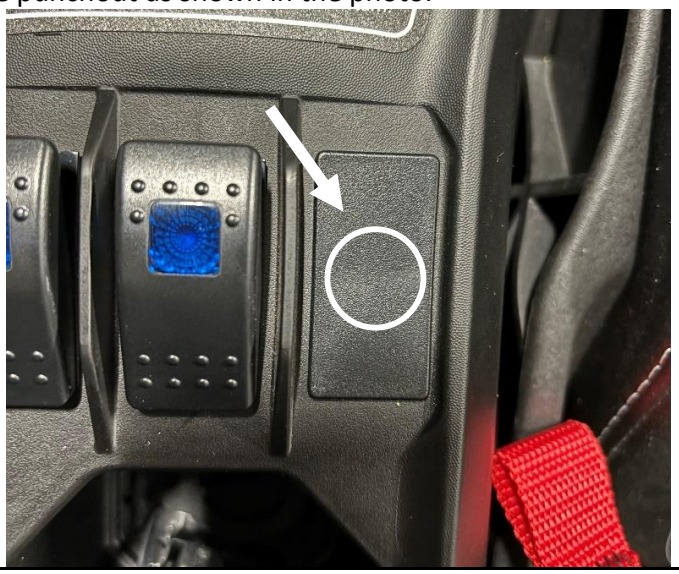
Step 18a: Use the photos taken of the switch pin outs and connect the switches.





Step 18b: For the reverse switch, drill a ¾” hole in the punchout as shown in the photo.





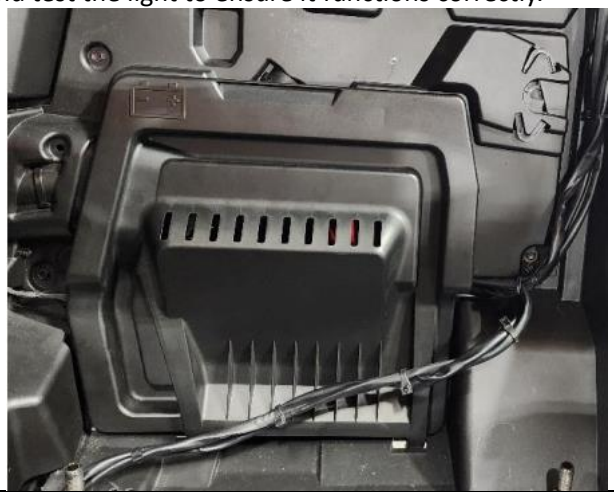
Step 19: Push the switches inside the panels so they are locked in their place.

Step 20: Mount the lower console lid back again.

Step 21: Reattach the positive cable of battery and the positive ring terminal of the harness. Repeat with the negative cables.

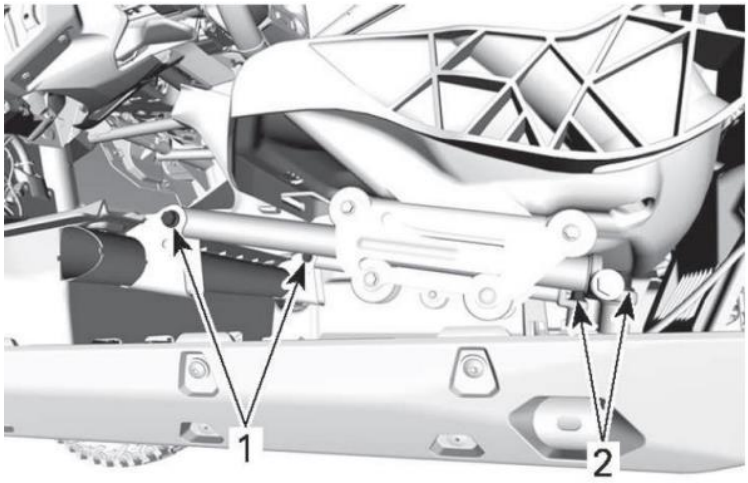


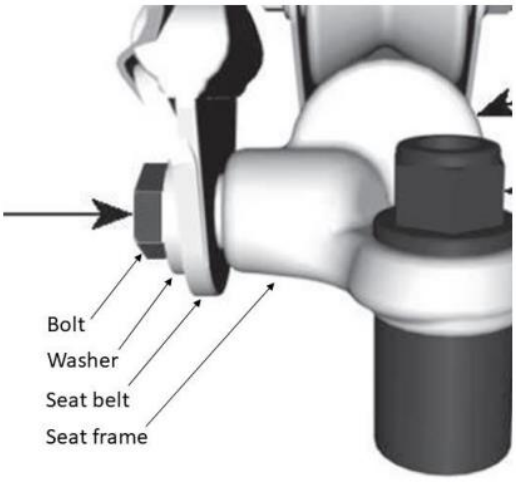
Step 22: Replace battery cover and test the light to ensure it functions correctly.



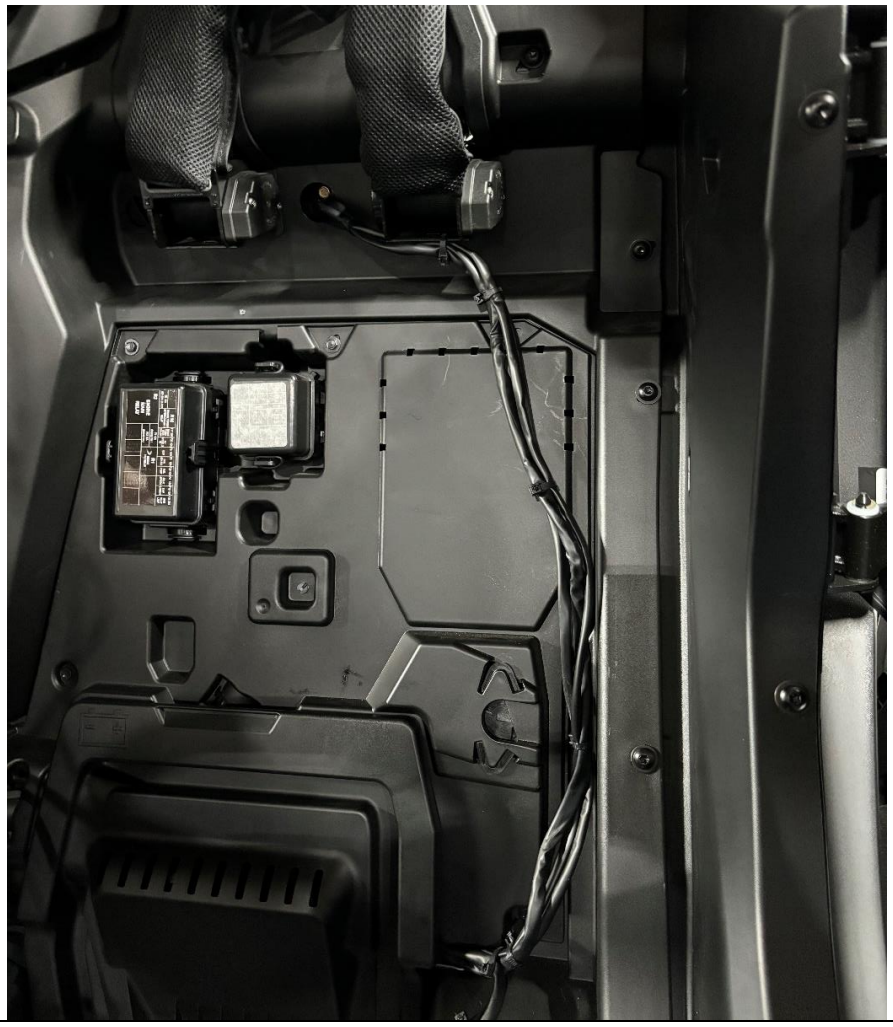
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Step 23: Replace the driver seat. Tighten the rear nuts (2) to 48ft-lbs and the front nut and bolts (1) to 18 ft-lbs. Reattach the lower seat belt point using the original routing. Ensure the plastic washer is between the bolt head and seat belt plate. Tighten the seat belt bolt to 48ft-lbs.



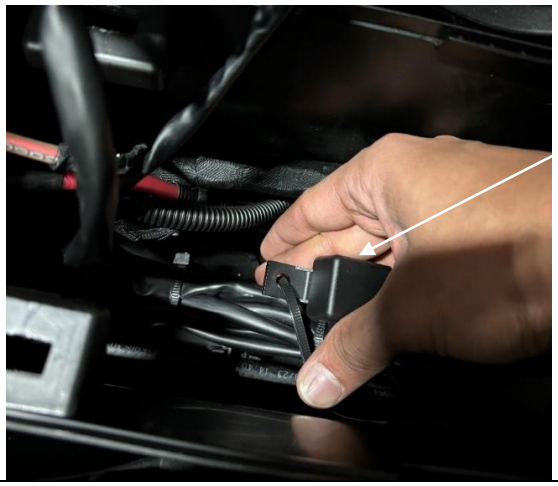


Step 24: Using the provided zip ties, tie all battery and other cables together nicely and remove the slack.



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Tie the Turn signal relay to the harness using zip ties inside the lower console compartment.

*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.

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