



M-15200K-BRL / BRRL 2021 Bronco Off-Road Roof-Mounted LED Light Bars

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For questions, Call the FORD PERFORMANCE Techline 1-800-367-3788

Please visit <https://www.performanceparts.ford.com> for warranty information

Roof Line Mounted Light Bar (Vehicles not Equipped with Roof Rails)



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2021 Bronco Off-Road Roof-Mounted
LED Light Bars

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Kit Contents	Quantity
Light Bar	1
SR 10" Lens Cover	4
Roof Line Soft Top RH	1
Roof Line Soft Top LH	1
VMI, 1/4 20X1 Hex Head Screw	2
VMI, 1/4-20 Nylock	2
M6 x 1.0 Nylock Nut (6mm tall)	4
1/4 Flat Washers	6
Plastite Screws M3 X 12mm, Torx	8
Hard Top Mount RH	1
Hard Top Mount LH	1
SR Mount Bushing Black	2
Endcap, Locknut, .25"	4
Top Beauty Cap, RH	1
Top Beauty Cap, LH	1
Nut Cap	4
6X10 .002 Poly Bag	2
U-Based Clip	2
Isolation Base RH, 80A, YS1295	1
Isolation Base LH, 80A, YS1295	1
Wire Splicing Kit	1
14Ga Wire Splice Kit	1

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Roof Rail Mounted Light Bar (Vehicles Equipped with Roof Rails)



Kit Contents	Quantity
Light Bar	1
VMI, 1/4 20X1 Hex Head Screw	2
M6 Flat Washer, .0625 OD, Black Xylan	4
VMI, 1/4-20 Nylock	2
1/4 Flat Washers	4
Roof Rack Bracket, RH	1
Roof Rack Bracket, LH	1
SR Mount Bushing; Black	2
Rubber Bump Stop	2
Endcap, Locknut, .25"	4
U-Based Clip	2
Wire Splicing Kit	1
Bronco Bolt	4
14Ga Wire Splice Kit	1

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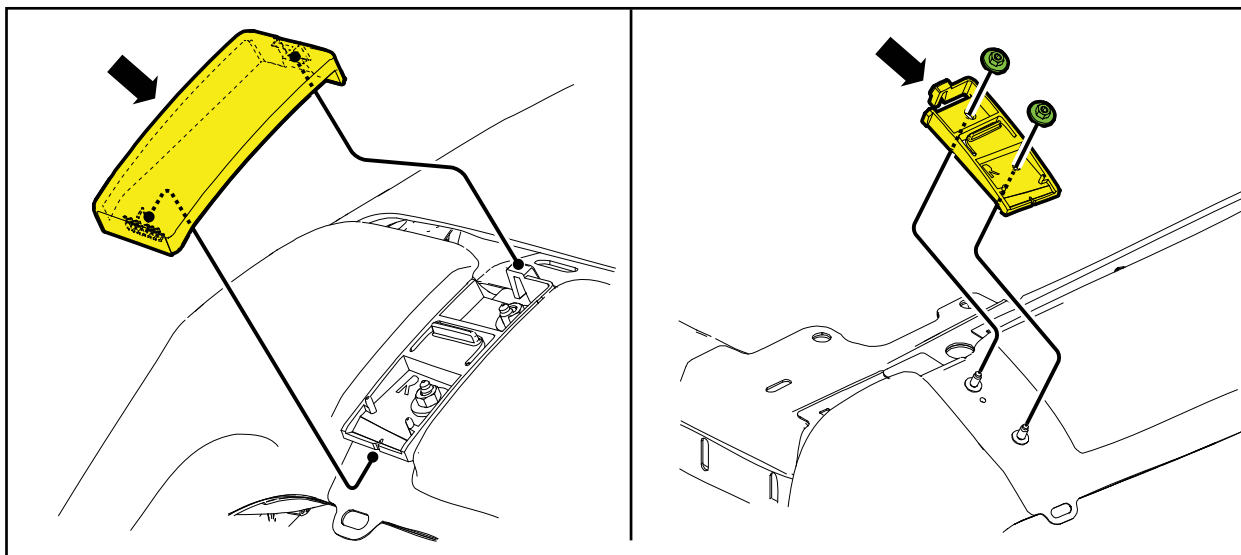
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INSTALLATION PROCEDURE - Roof Mounted Light Bar (Vehicles not Equipped with Roof Rails)

NOTE: Two versions of brackets are included in Kit M-15200K-BRL. Short brackets for the hard tops and tall brackets for the soft tops. The kit is not recommended for hard tops with soft top front row inserts.

NOTE: Use the General Equipment: Interior Trim Remover.

1. Remove the LH and RH front roof hard tops or raise and fold down the the front roof soft tops. Refer to owner's manual for additional information.
2. Remove the two accessory attachment point roof trim covers and trim mounting to access the mounting studs.



3. Install the top bracket piece to the Rigid roof line bracket using the four small screws.



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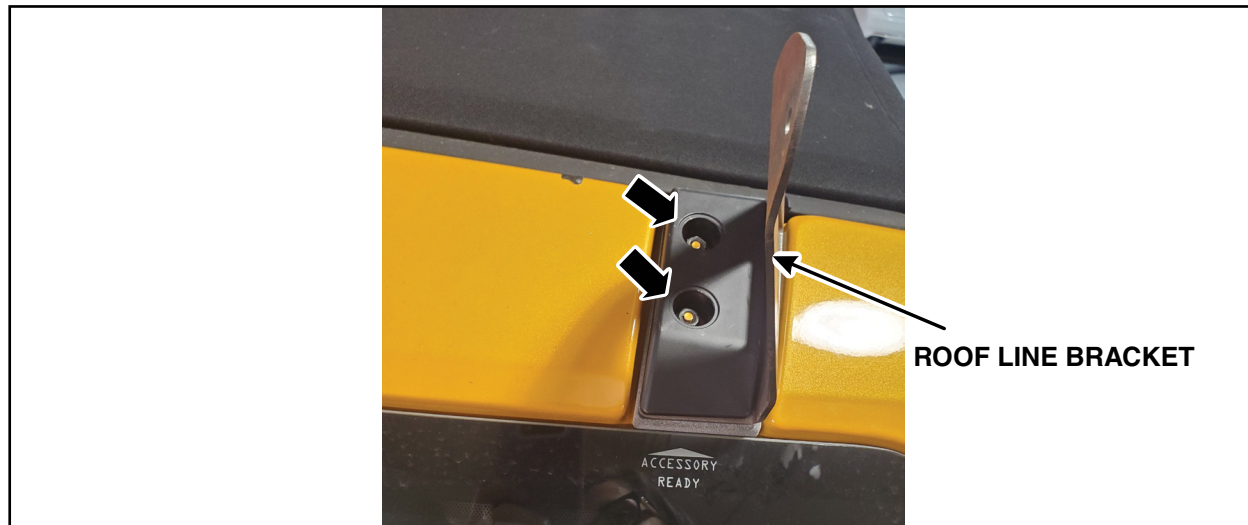
4. Install the rubber mat onto the stud holes.



NOTE: The roof line brackets should be installed with the light bar mounting slot facing outward

5. Install the Rigid roof line bracket using the nuts from step 2. Install the beauty covers in the stud holes once the nuts are torqued.

- Torque the nuts to 10 Nm (88.5 lb-in).





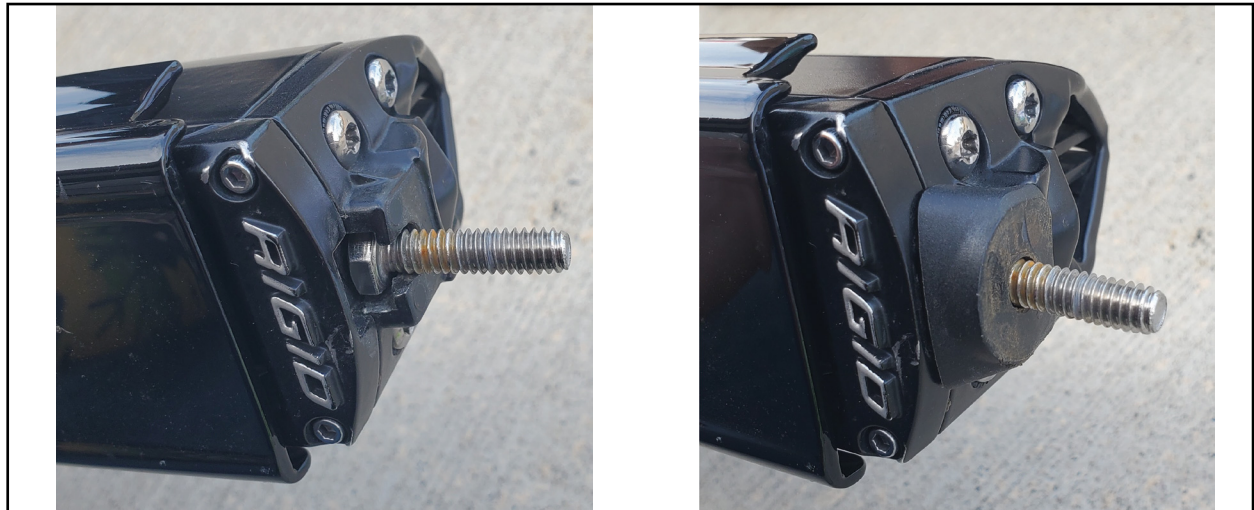
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6. Install the air damper into the Rigid light bar.



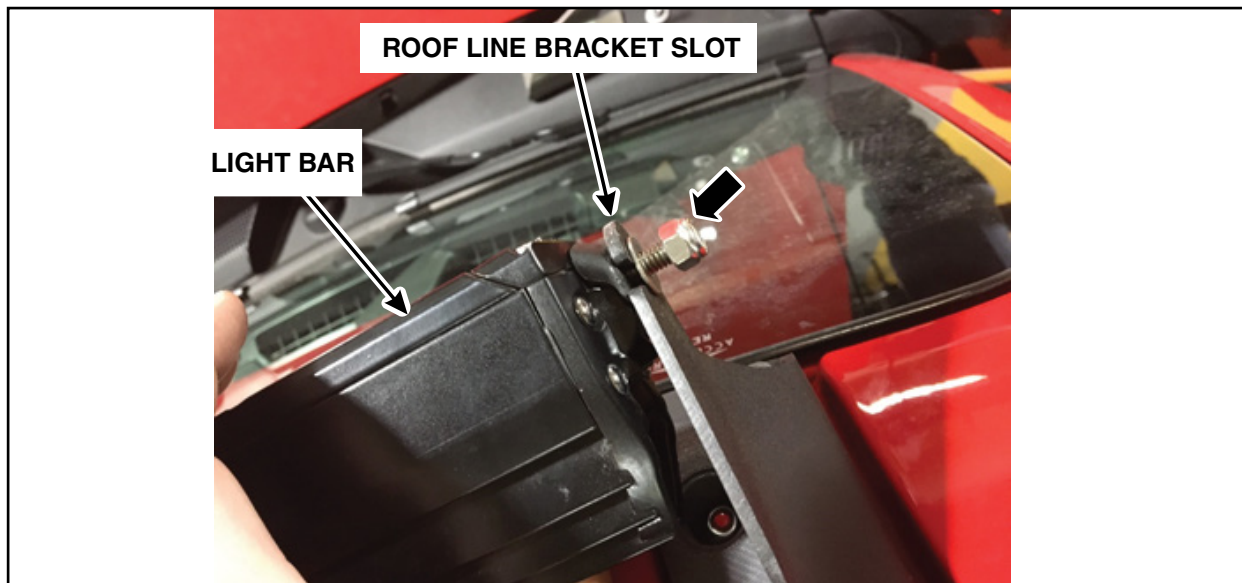
7. Install the bolt head into the light bar and slide plastic cover over the bolt to secure it in place.



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8. Install Rigid 40" straight light bar into the roof line bracket slots and secure using fasteners included in the kit. Adjust light bar aiming as needed, before tightening the fasteners.



9. Install the black rubber end caps over the locknuts on each end of the light bar.

10. Install the light bar covers.

NOTE: Light bar covers must be installed at all times when driving on roads.

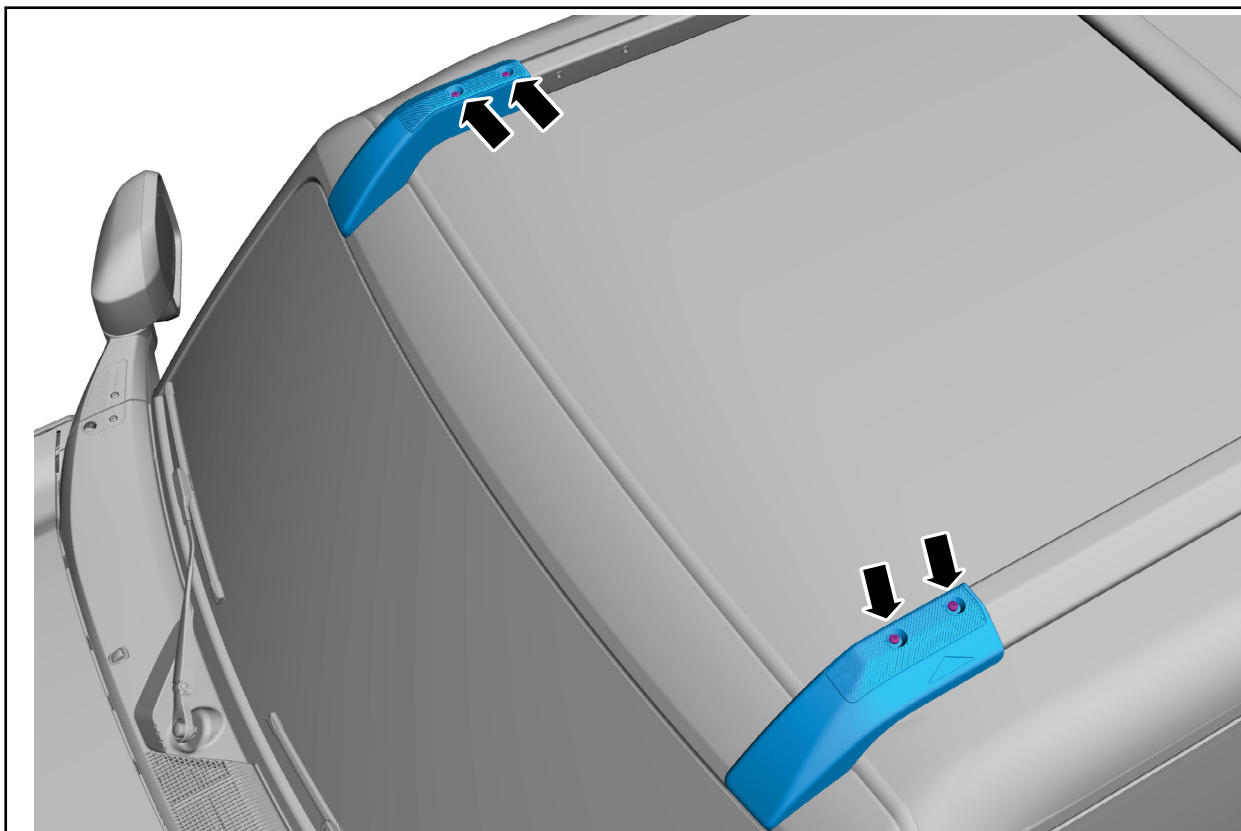
11. Proceed to the wiring section to complete installation.

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INSTALLATION PROCEDURE - Roof Mounted Light Bar (Vehicles Equipped with Roof Rails)

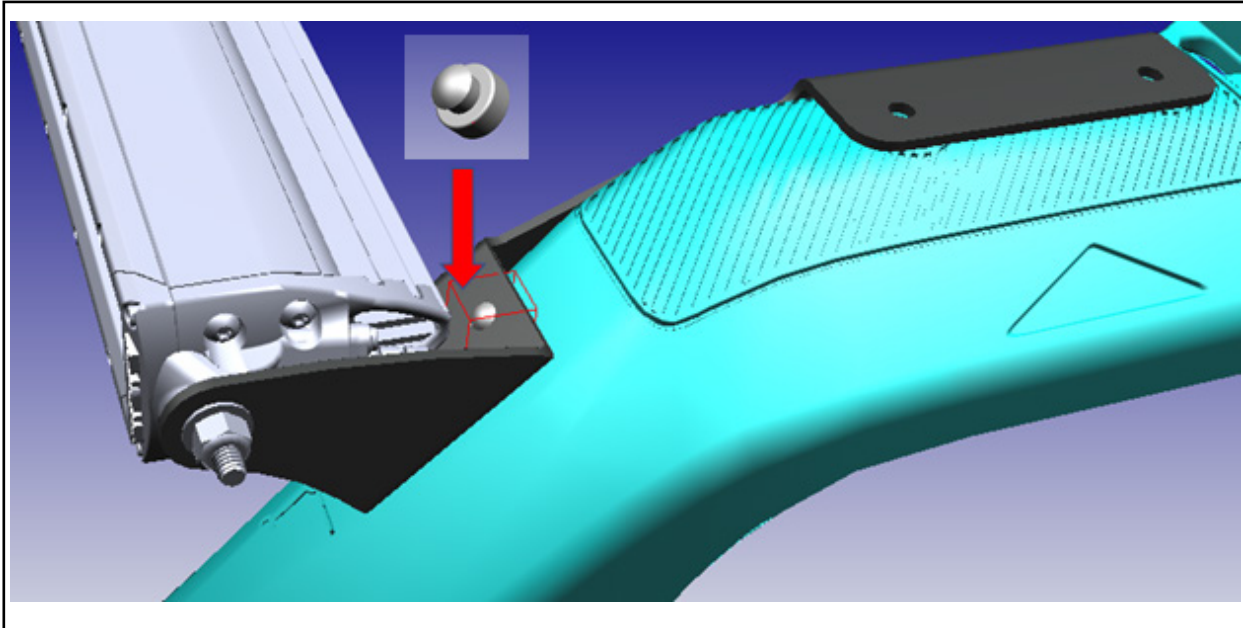
NOTE: Use the General Equipment: Interior Trim Remover.

1. Remove the LH and RH front roof hard tops. Refer to owner's manual for additional information.
2. Remove the two accessory attachment point bolts from the LH and RH front roof rails.



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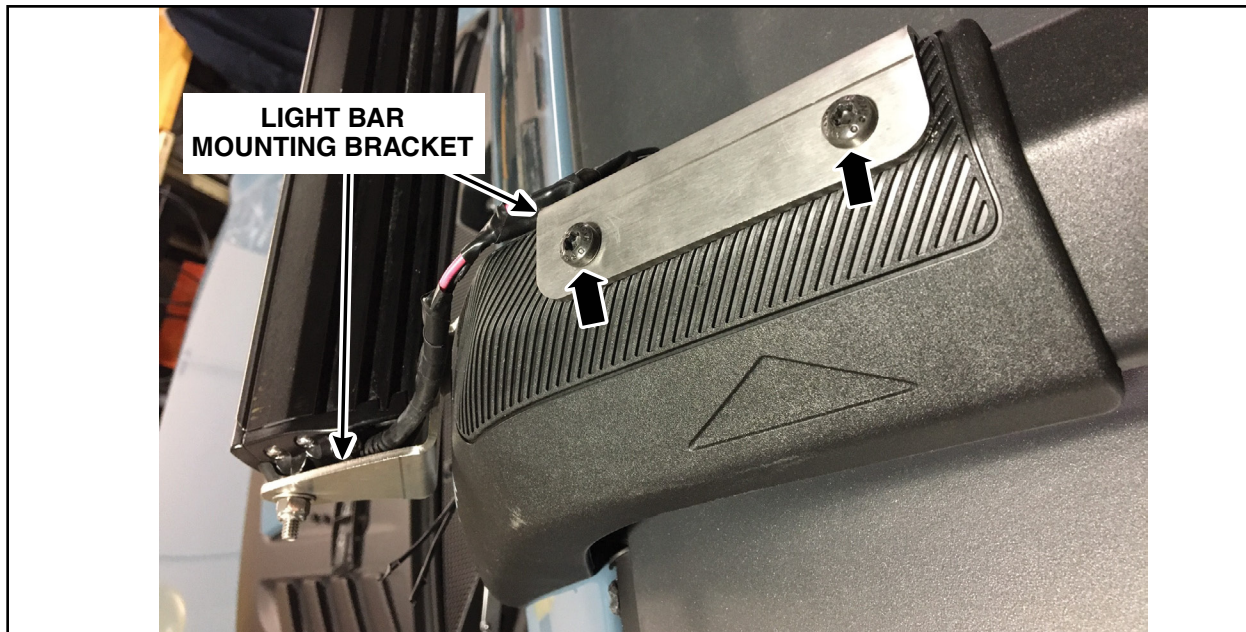
3. Install rubber bump stops on both brackets as shown below.



NOTE: The roof line brackets should be installed with the light bar mounting slot facing forward and outward.

4. Install the Rigid roof rail brackets using accessory attachment point roof rails. Note that the M6 bolts previously removed from these points are too short. Please use the new longer bolts included in the kit.

- Torque the nuts to 8 Nm (70.8 lb-in).

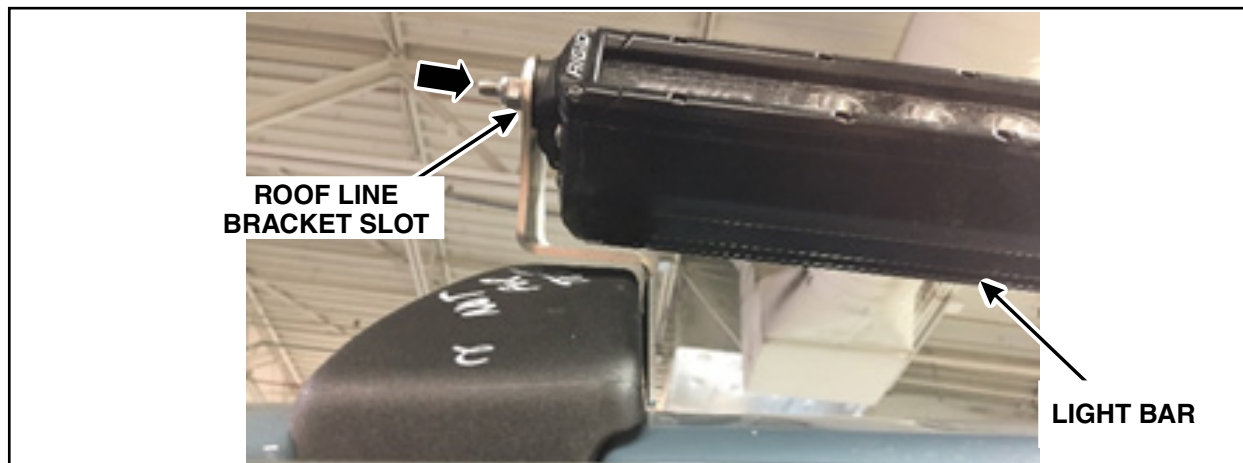


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5. Install the air damper into the Rigid light bar.



6. Install Rigid 40" straight light bar into the roof line bracket slots and secure using fasteners included in the kit. Adjust light bar aiming as needed, before tightening the fasteners.



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7. Install the light bar covers.

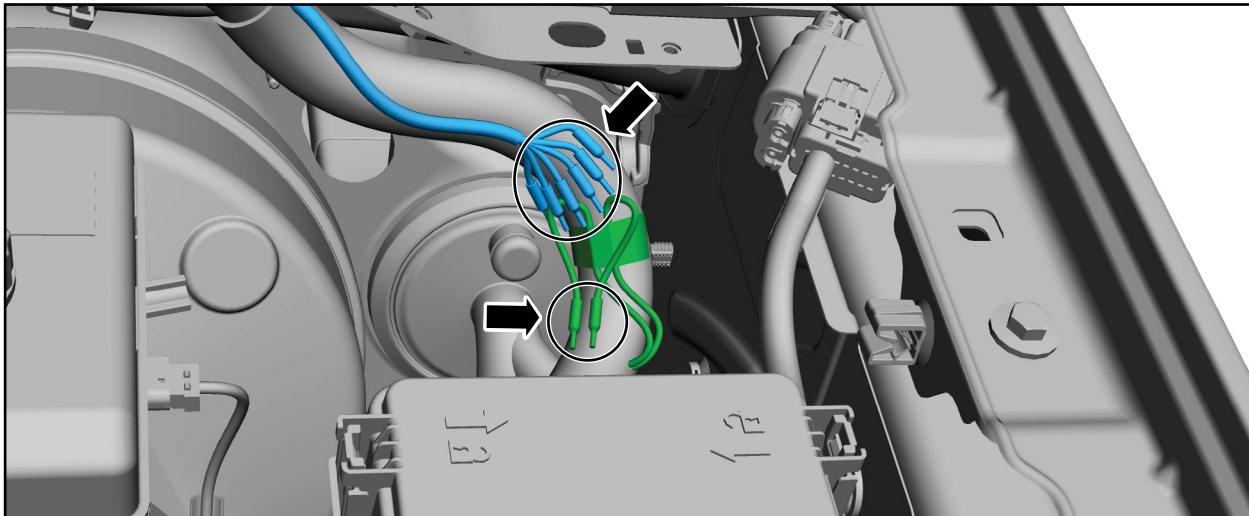
NOTE: Light bar covers must be installed at all times when driving on roads.

8. Proceed to wiring section to complete installation.

LIGHT BAR WIRING PROCEDURE

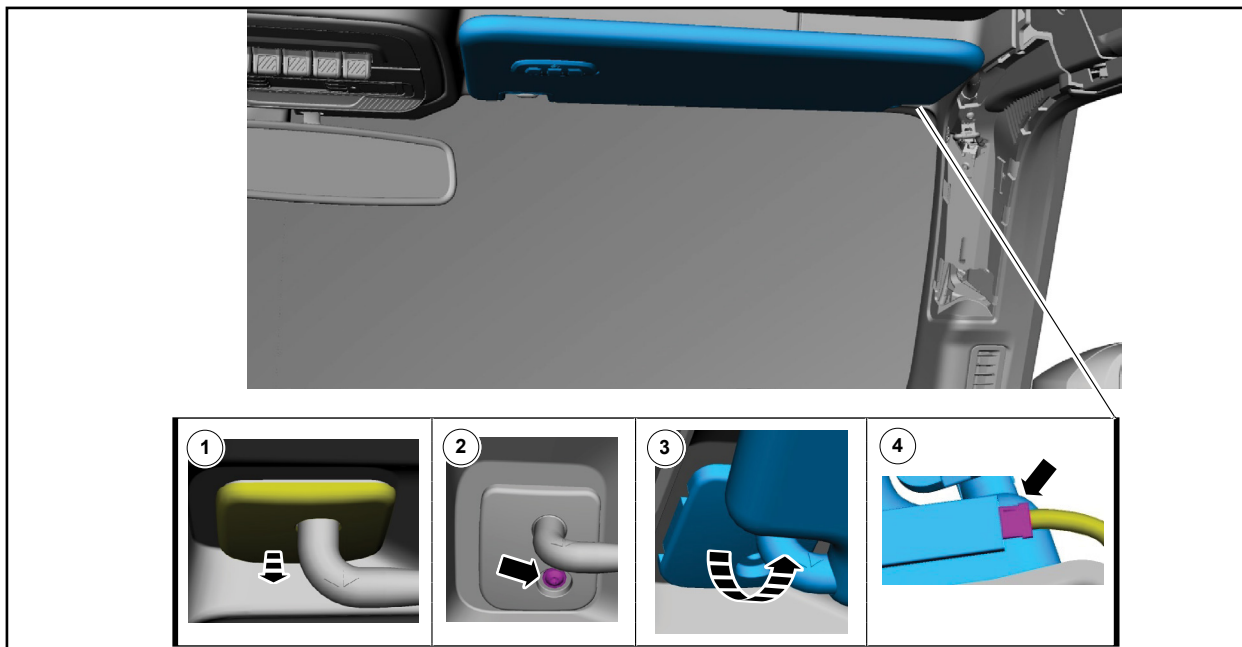
NOTE: The RH and LH roof hard tops will need to be removed or the soft tops folded down to perform this procedure.

1. Open the vehicle's hood and disconnect the battery cable to ground.
2. Locate blunt cut wire #1 (wire color YE) within the first bundle of blunt cut wires (upper group). Locate blunt cut #7 (wire color BN/WH) within the second bundle of blunt cut wires (lower group). Splice the two wires together using the provided splicing kit WT-56814.

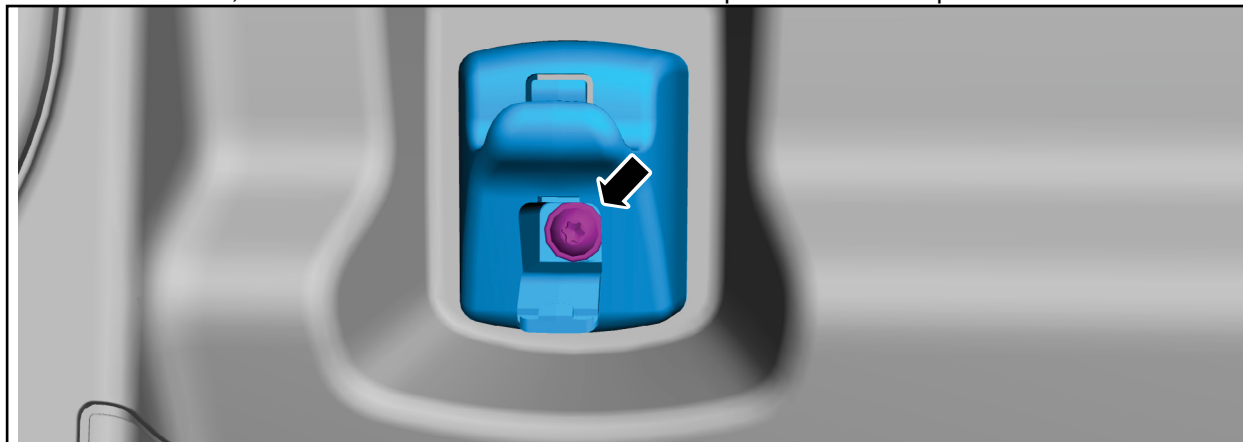


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3. Position the sun visor screw cover aside. Remove the sun visor screw. Release the sun visor from the roof.
If equipped, disconnect the sun visor electrical connector. Perform this step for both sides.

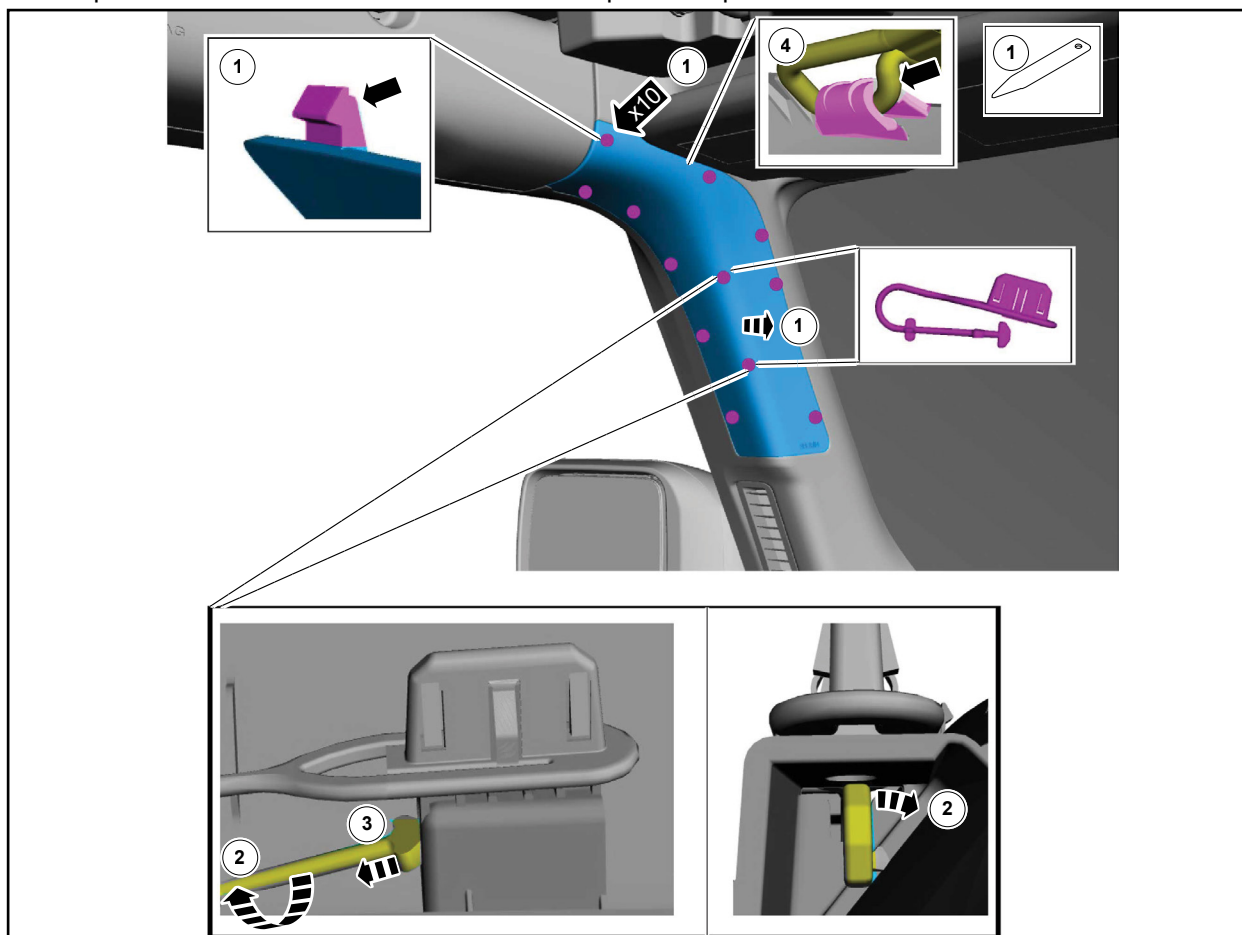


4. Open the fastener cover, remove the fastener and the sun visor clip. Perform this step on both sides.



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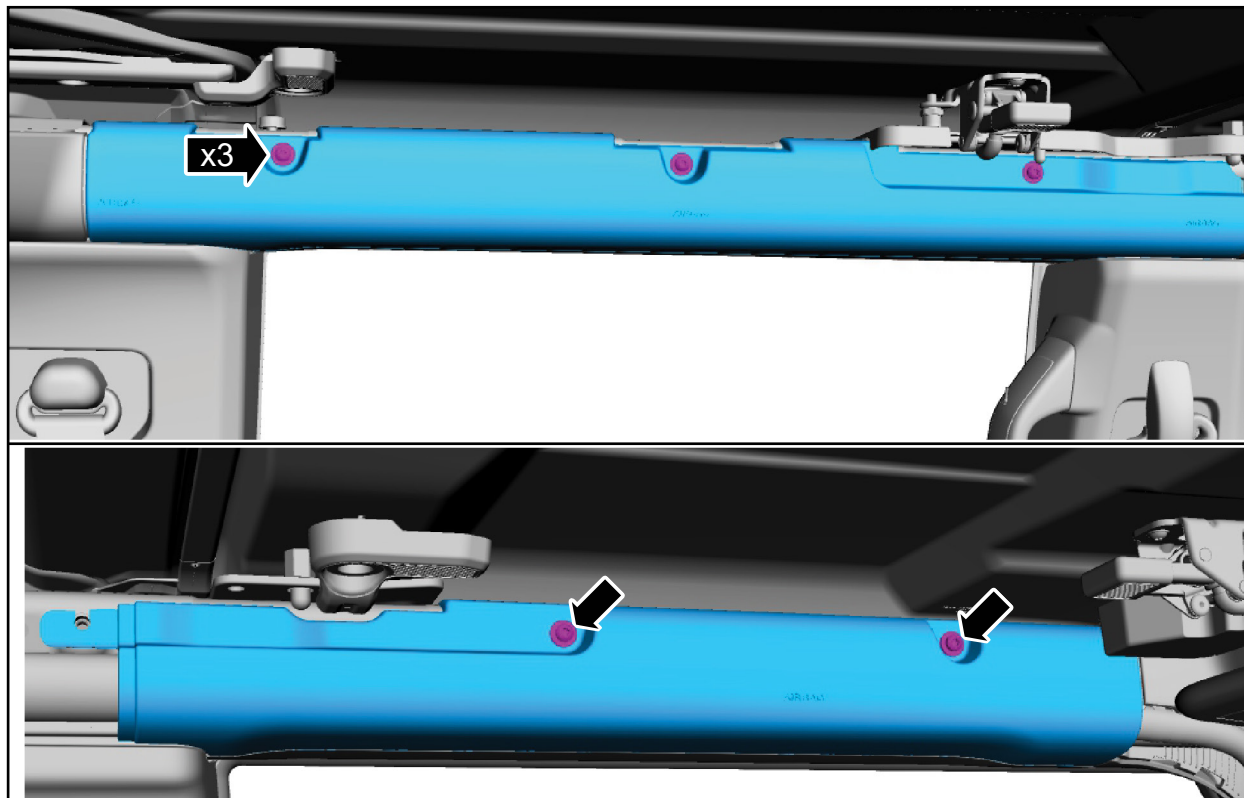
5. Allow the headliner to hang slightly. Use caution not to excessively hang/bend to prevent damage and/or creasing.
6. Release the A-pillar trim panel cover tabs from the A-pillar trim panel and release the A-pillar trim panel cover tether clips from the cover. Rotate the tether clip lines to align the ends with openings. Slide the tether clip ends out of the A-pillar trim panel cover. Release the tether from the A-pillar trim panel cover hook.



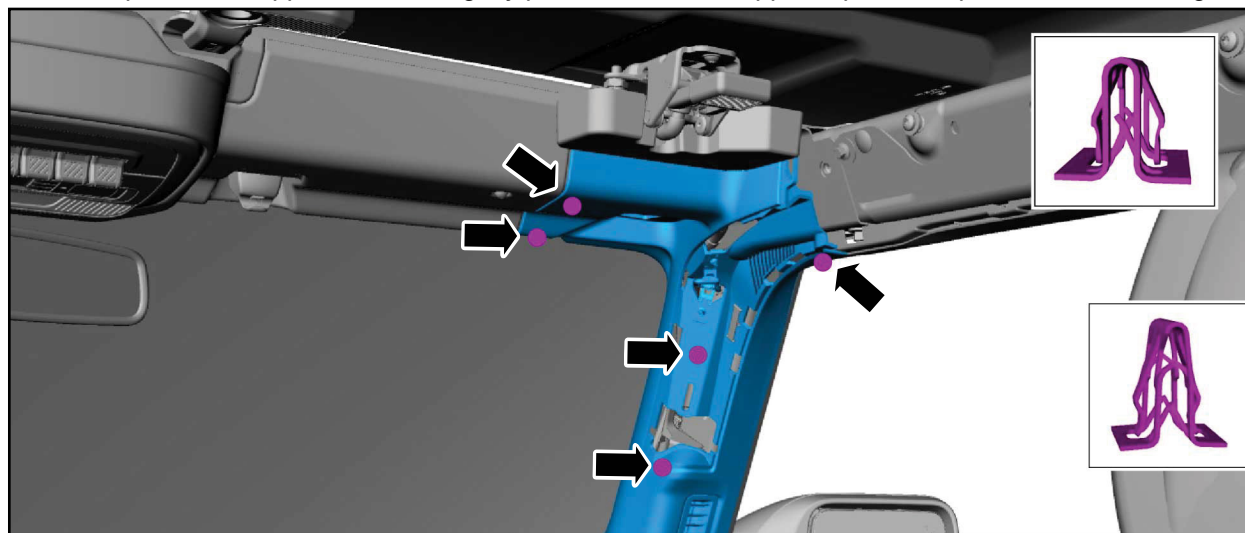
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7. Remove the screws then the RH side upper rail rear trim panel and the RH upper rail front trim panel..

- Torque: 18 lb.in (2 Nm).

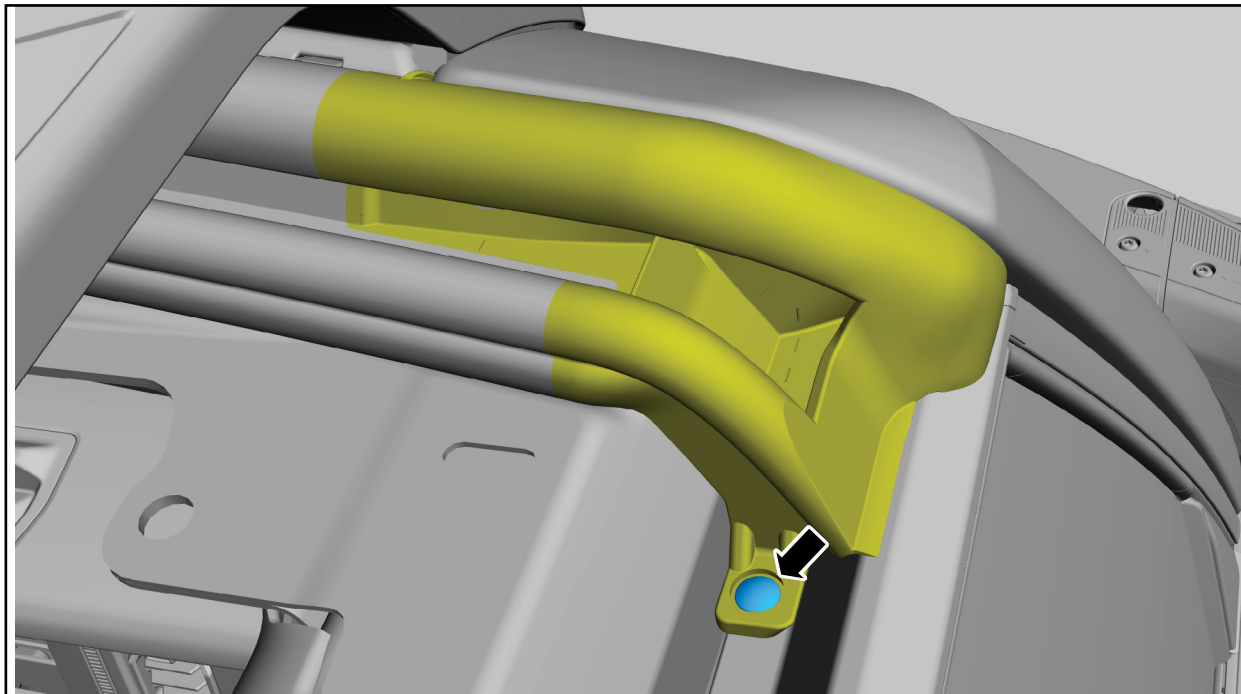


8. Release the clips and the upper tab then slightly position aside the upper A-pillar trim panel for wire routing.



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9. Remove the push pin retainer from the passenger side roof weather strip.



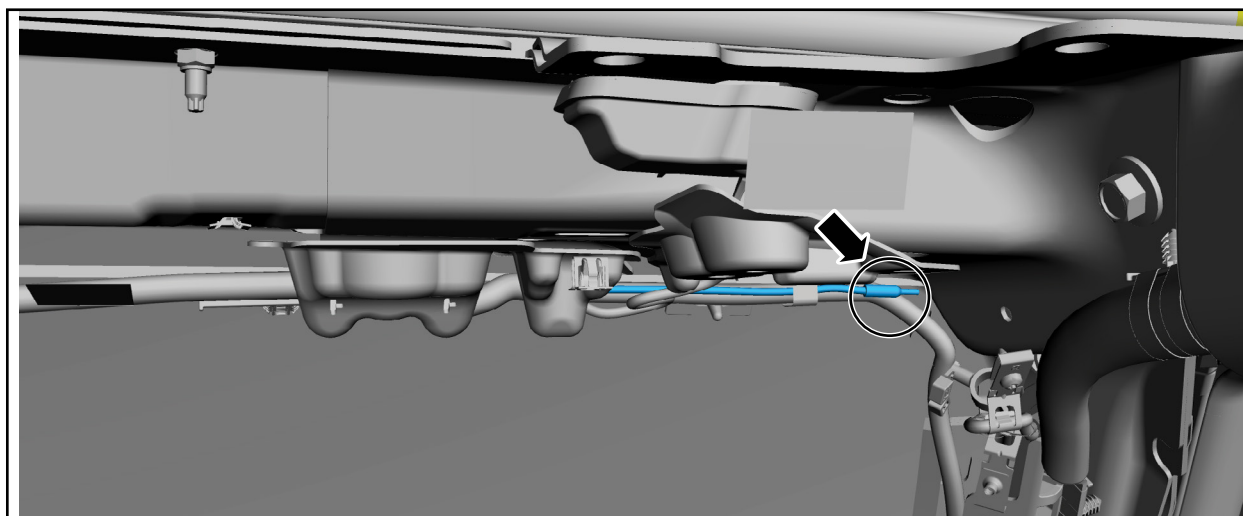
10. Remove the light bar cable insulation tubing carefully up to where the wires enter at the roof line. Route the light bar power and ground wires in between the weather stripping and metal. DO NOT break into the seal or route the wire through the hard top mounting holes. Proper routing is shown below.



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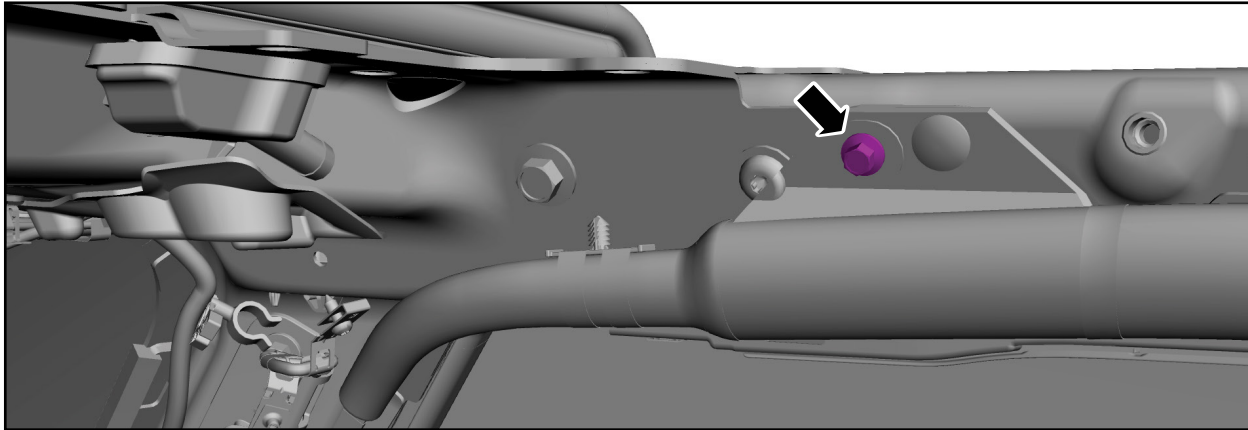
11. Locate the blunt Cut (wire color GY/OG) taped to the visor harness, splice light bar power wire into this GY/OG blunt cut wire using the provided splice kit WT-56815.



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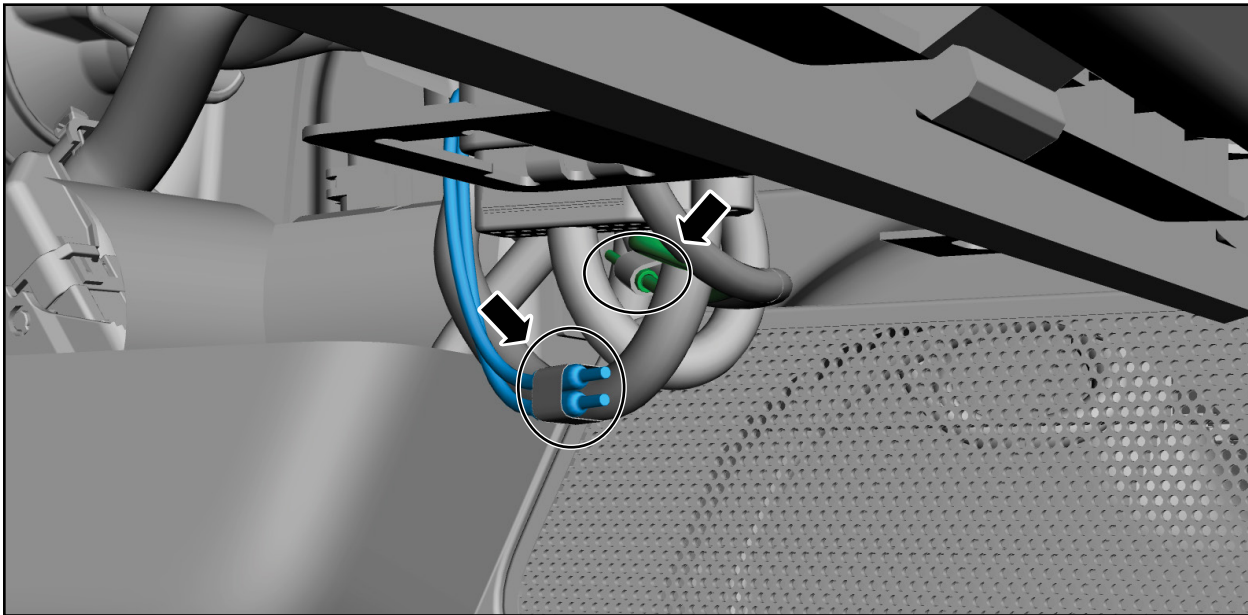
12. Crimp a ring terminal onto the light bar ground wire, pass it through behind the trim piece next to visor and connect to the ground bolt right above airbag.

- Torque: 80 lb.in (9 Nm)



13. Remove the insulator from under the glove compartment.

14. Locate and splice blunt cut #1 (wire color GY/OG) into blunt cut #10 (wire color BN/WH) using the provided splice kit WT-56814.



15. Reconnect the battery cable to ground. Torque to 48 lb.in (5.4 Nm).

16. Switch on upfitter switch #1, make sure light bar turns on before reinstalling parts.

NOTE: For Bronco Raptor, switch on upfitter switch #3.

17. Reassemble the vehicle by reversing the removal procedures.