19542108

Designed for 2027 and Newer Chevrolet and GMC Light Duty and Heavy Duty Trucks with MultiPro/MultiFlex Tailgates



Speaker Baffles

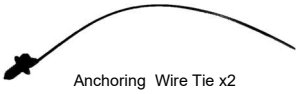


Amplifier Harness



Foam Tape x2

Printed Circuit Board and Bracket



Anchoring Wire Tie x2



Torx Bolt (x6)



Fine-Threaded Torx Screw (x2)



Threaded Clip (x3)



Trailer T-Harness



Wire Tie (x20)



Latch Switch T-Harness

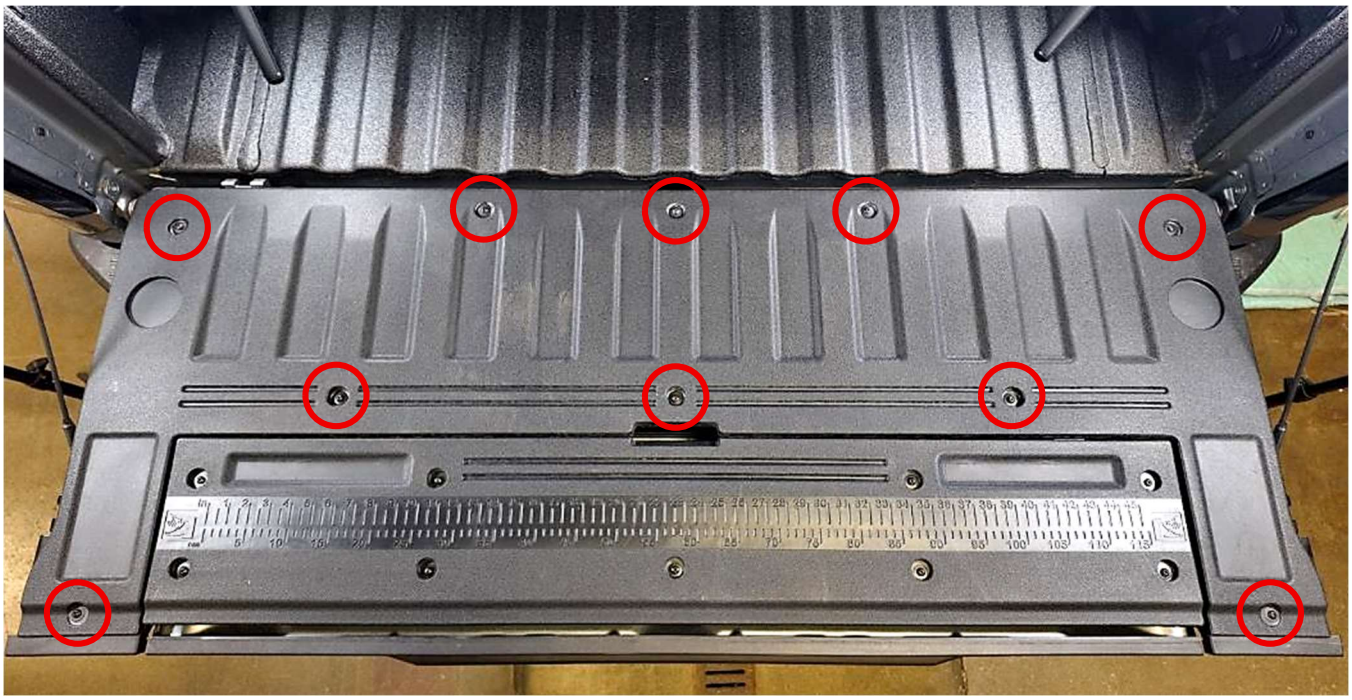


Amplifier

Tools Needed	
Torx T20 driver	1/8 inch (.125) Drill Bit
Torx T30 driver	Drill
10mm Socket	Pry Tool
13mm Socket	Ratchet
7mm Socket	7mm Wrench

Stillwater Designs
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1. Remove the trailer hitch from the receiver, if installed, prior to opening tailgate.
2. Open the primary and secondary tailgate and the step. Remove the 10 screws securing the tailgate protector and remove.

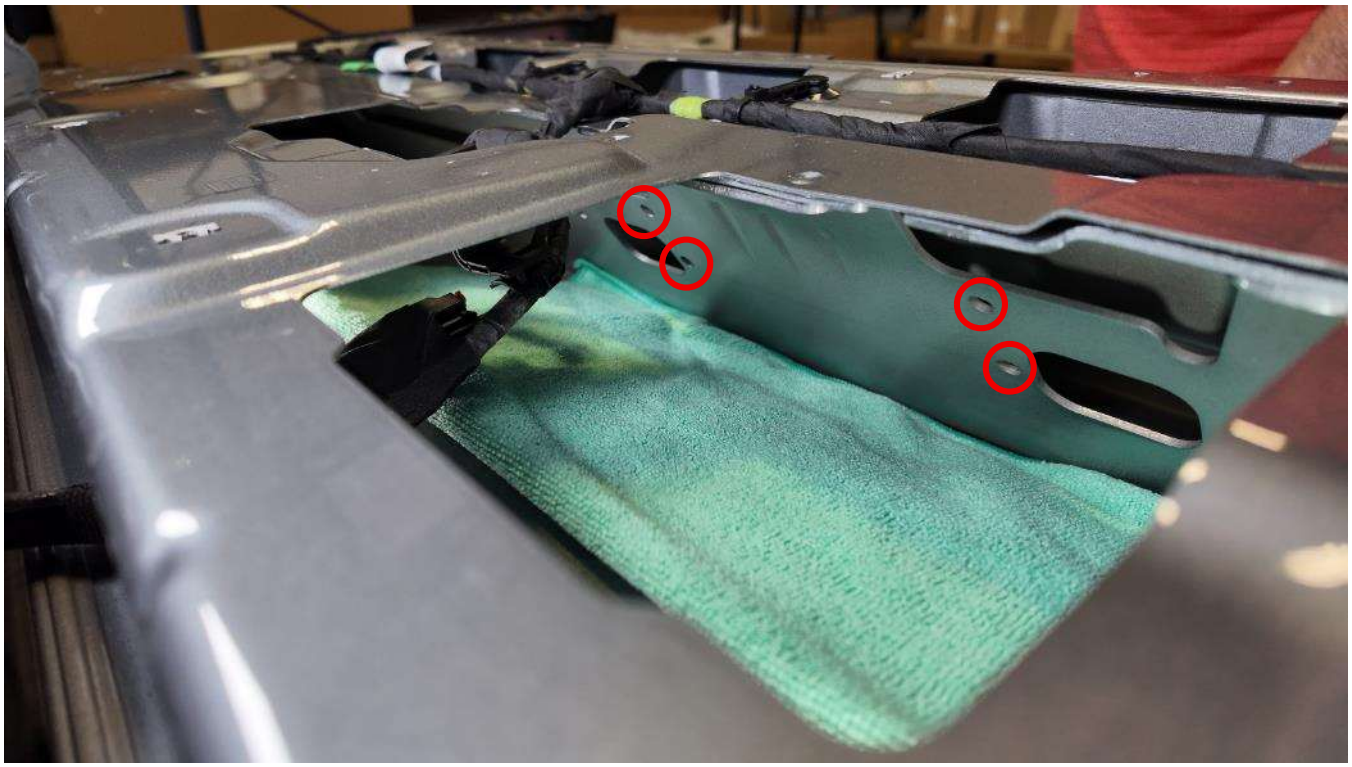


3. Remove the four plastic cover panels (cover panels are not reused). Some vehicles may be equipped with a light kit in two of the panels. If equipped with lights, the lights will be reinstalled into the Kicker speaker baffle later.



4. Disconnect the negative battery cable.

5. Place a towel inside the primary tailgate as shown. This will prevent the outer sheet metal from being dented while installing the amplifier. Locate the four amplifier mounting holes.



6. Install one of the threaded clips on each of the top mounting holes. The threaded side should face the rear of the truck.



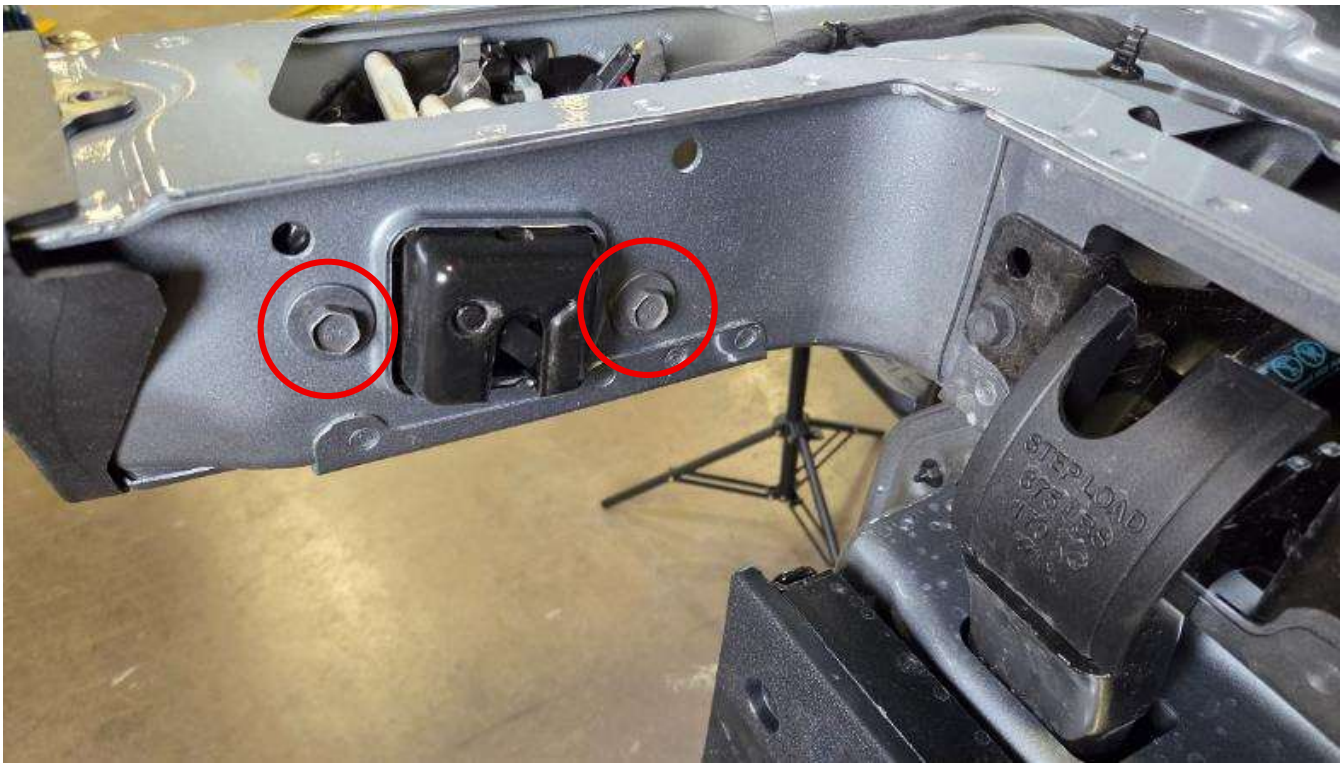
7. Install the remaining thread clip on the amplifier as shown.



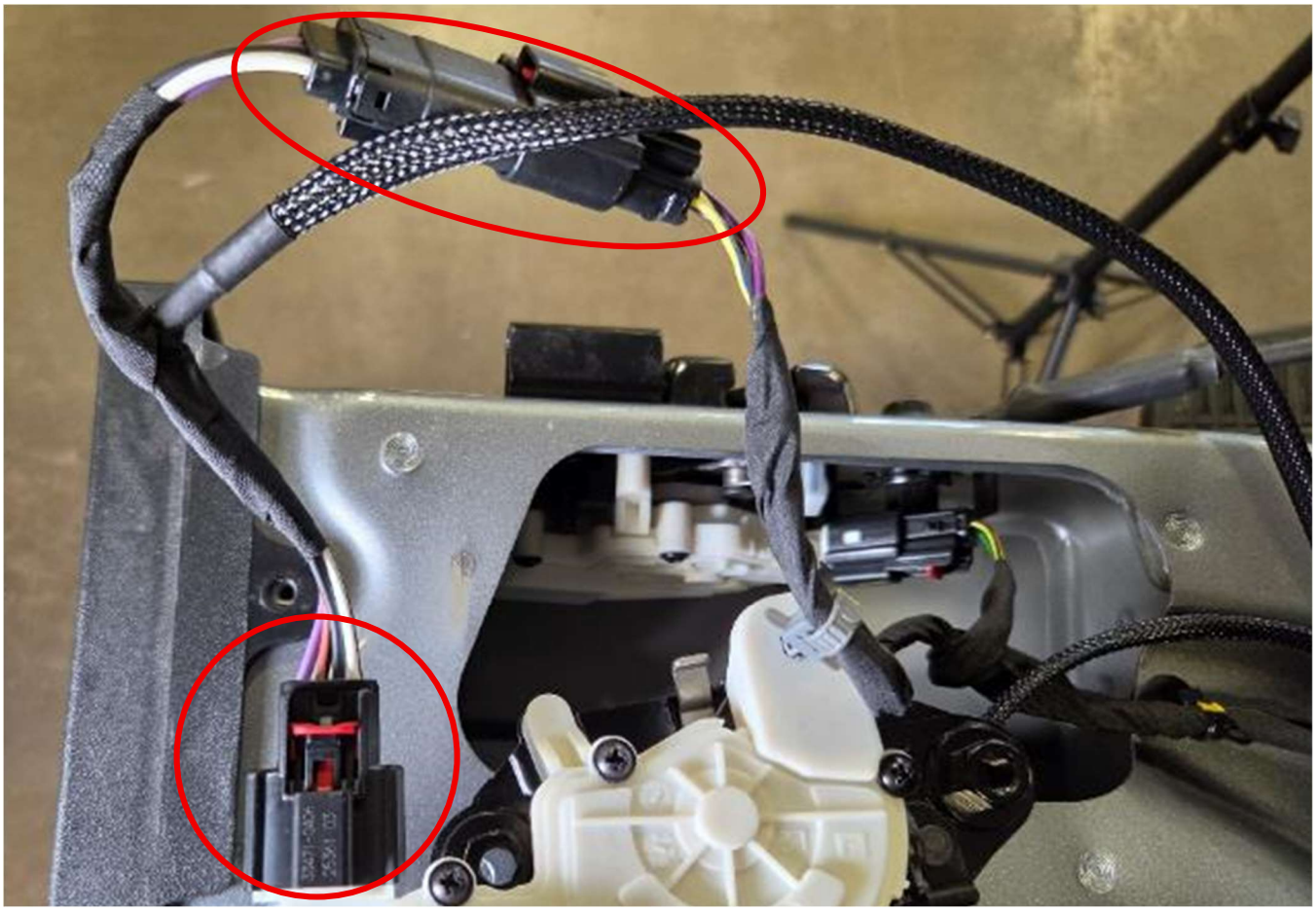
8. Install the amplifier as shown. Loosely install the two top bolts from inside the gate. Next install the two bottom bolts from the opposite side. The circuit board is installed at this time as it's bracket provides the threads for one of the bottom bolts. Once all bolts are started, firmly tighten each one.



9. Remove the two bolts securing the left-hand secondary tailgate latch.

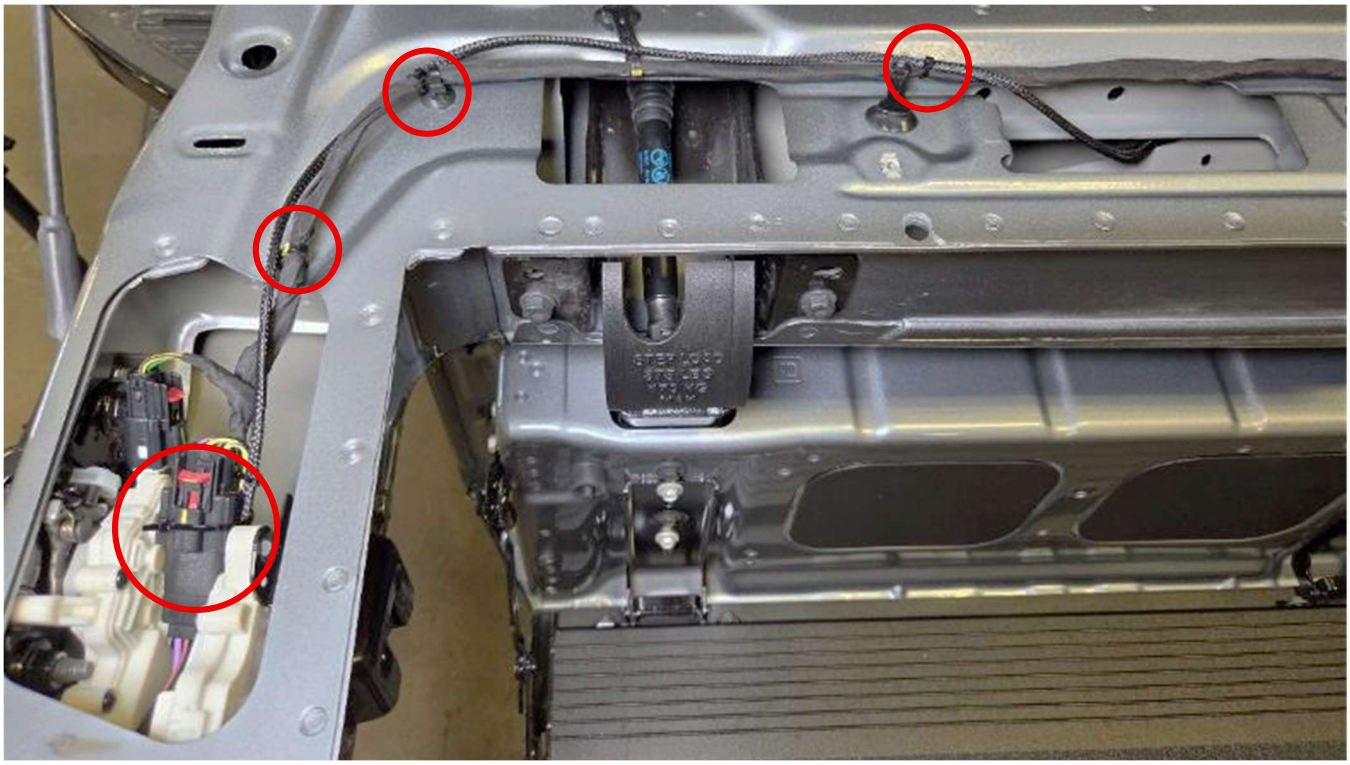


10. Remove the latch from the gate and disconnect the connector. The red locking tab has to slide out before the release button can be pressed. Connect the provided switch harness to the latch and then connect the factory connector to the switch harness. Re-engage the red locking tabs on both connectors.

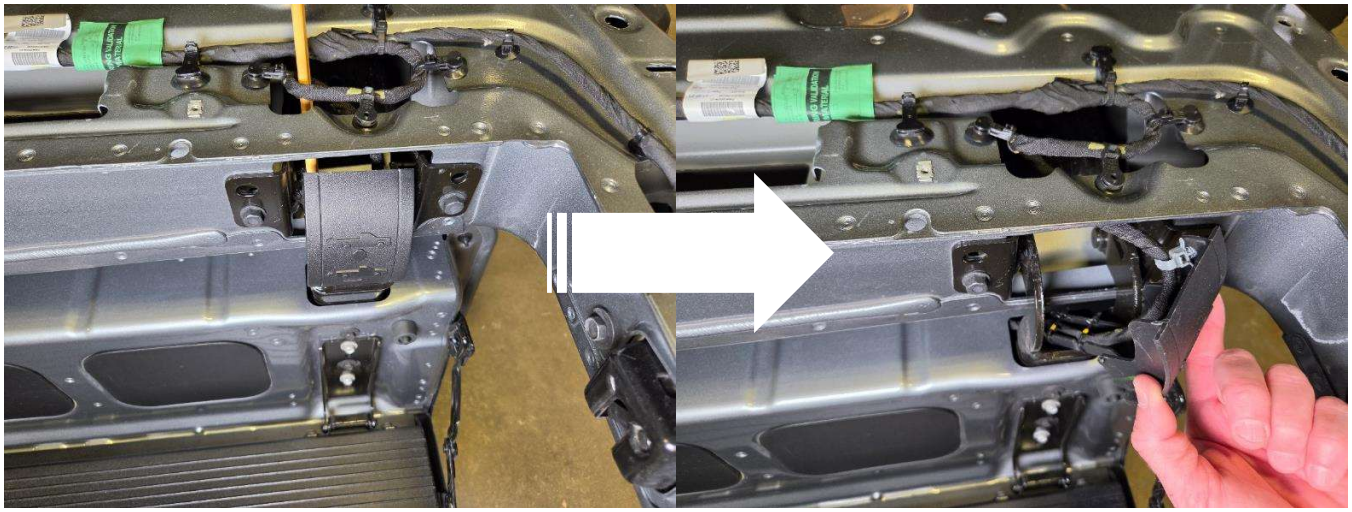


11. Re-install the latch. Route the harness along the factory harness and into the gate as shown.

Secure to factory harness with supplied wire ties where circled.



12. Use a panel tool to pry one side of the plastic hinge cover inward and then pull on the cover to separate it from the hinge. The cover only needs to be pulled away far enough to route the amplifier harness and the controller harness through the hinge.

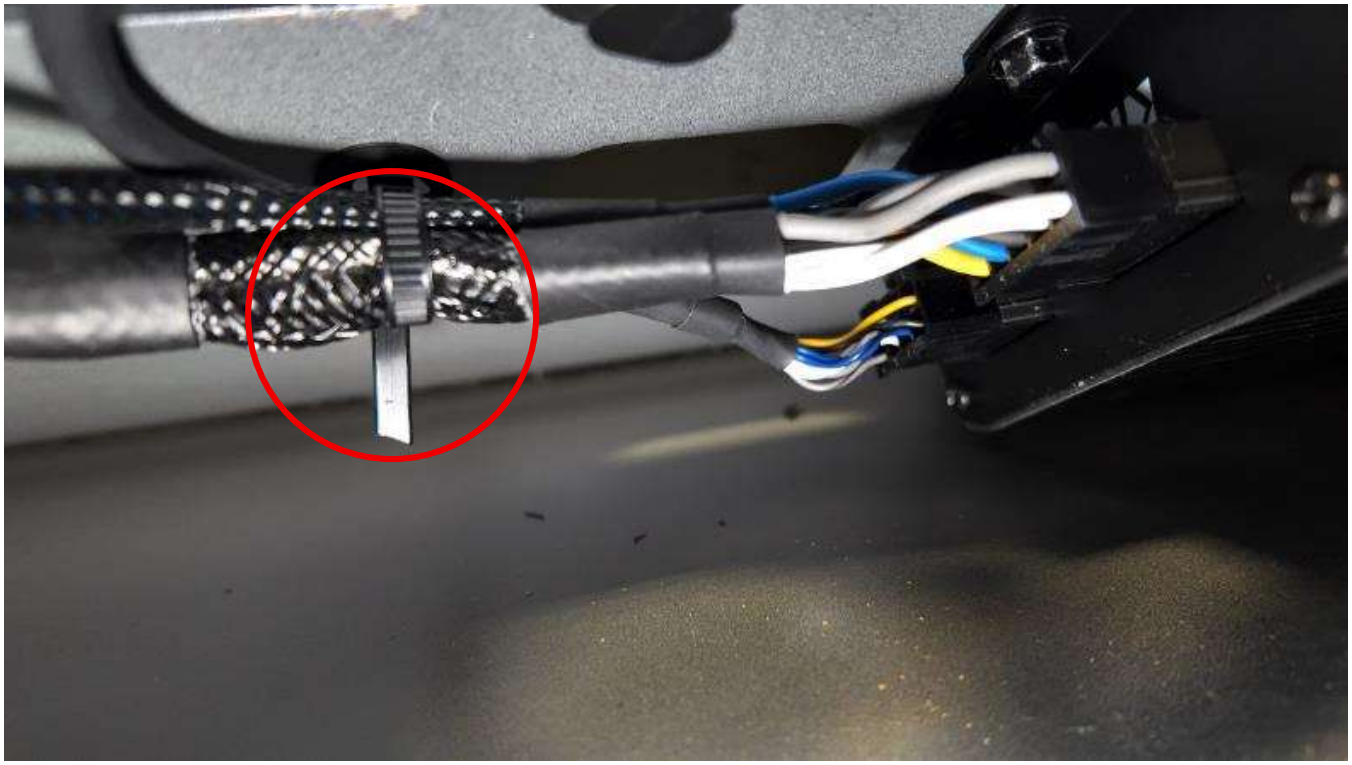


13. Place a towel on the step to prevent scratching the speaker baffle. Route the controller harness

through the hole indicated. Route the cable following the factory harness through the hinge and across the tailgate toward the amplifier. Don't use any wire ties to secure the harness at this time.

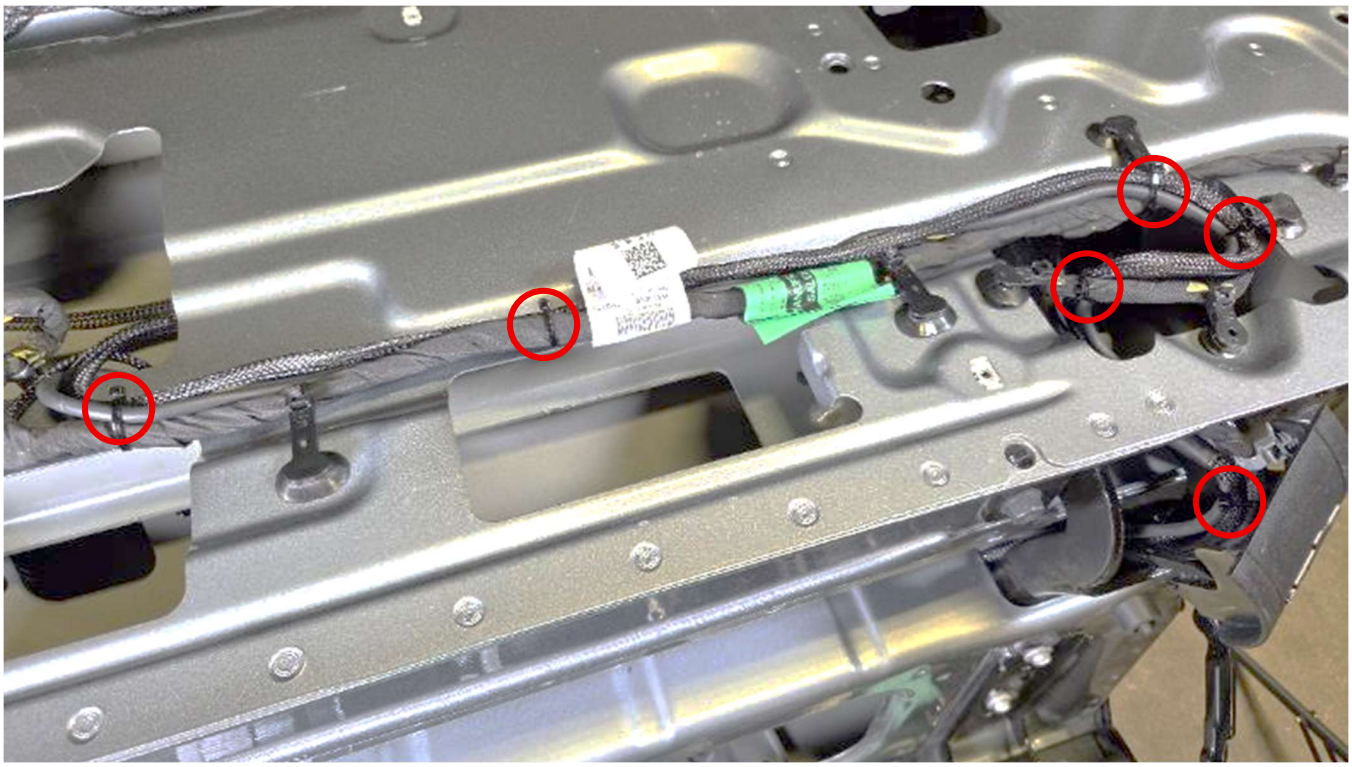


14. Connect the amplifier harness and the controller harness to the amplifier. Use one of the supplied anchoring wire ties to secure the harnesses to the sheetmetal. Insert the wire tie into the hole in the sheetmetal then tighten and trim the tie.

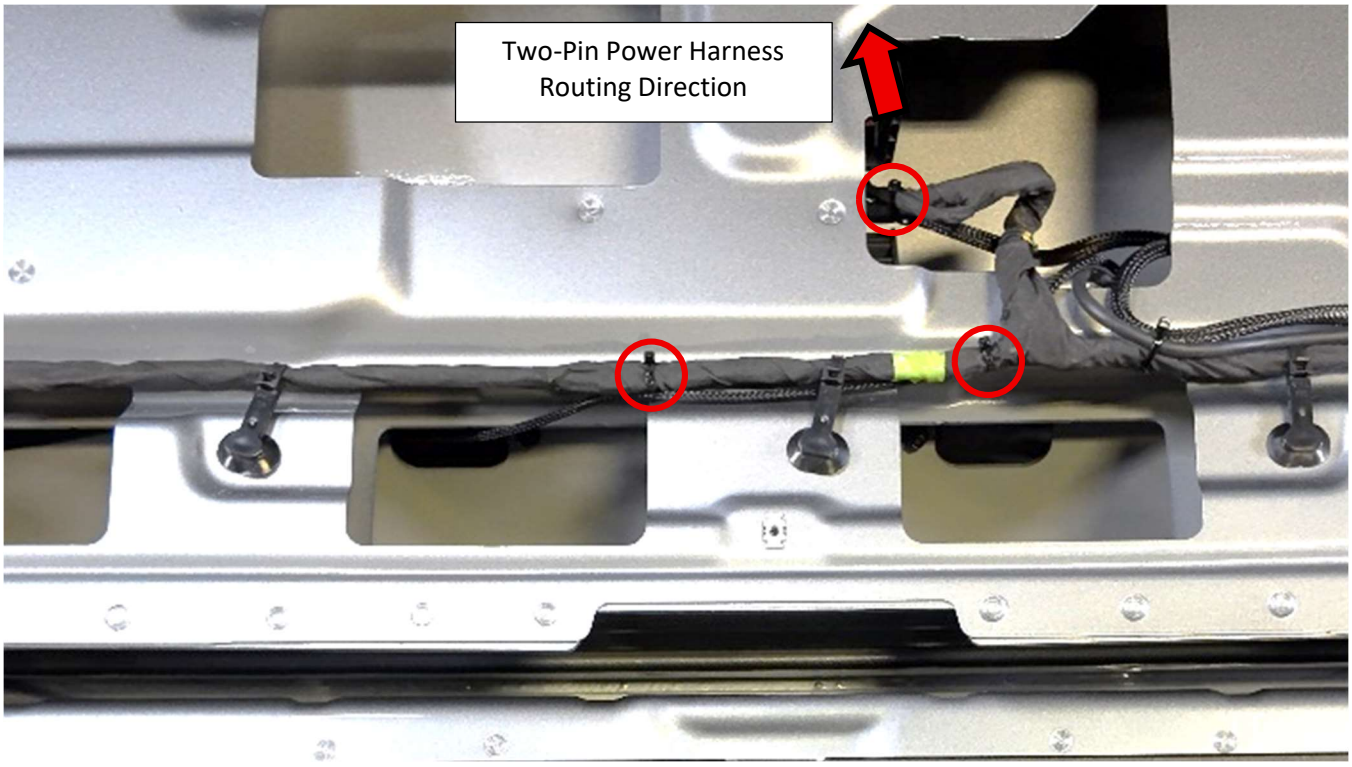


15. Beginning near the amplifier, secure the amplifier and controller harness along the factory harness

pulling slack out along the way. Any extra harness should end up in the secondary portion of the gate behind the speaker baffles. **It's importand to follow the factory harness all the way into the secondary gate, particularly through the hinge.** Use wire ties where indicated.



16. Route the four-pin circuit board connector along the factory harness and though the hole directly behind the circuit board. Secure to factory harness with wire ties where indicated. Route the two-pin power harness along the factory harness and through the hole in the back/bottom of the tailgate and then through the hole in the bed allowing it to drop under the truck bed for now. Secure with wire tie where indicated.



17. Connect the harness to the circuit board and use the supplied anchoring wire to to strain relief the

harness the same way you did on the other side of the amplifier.

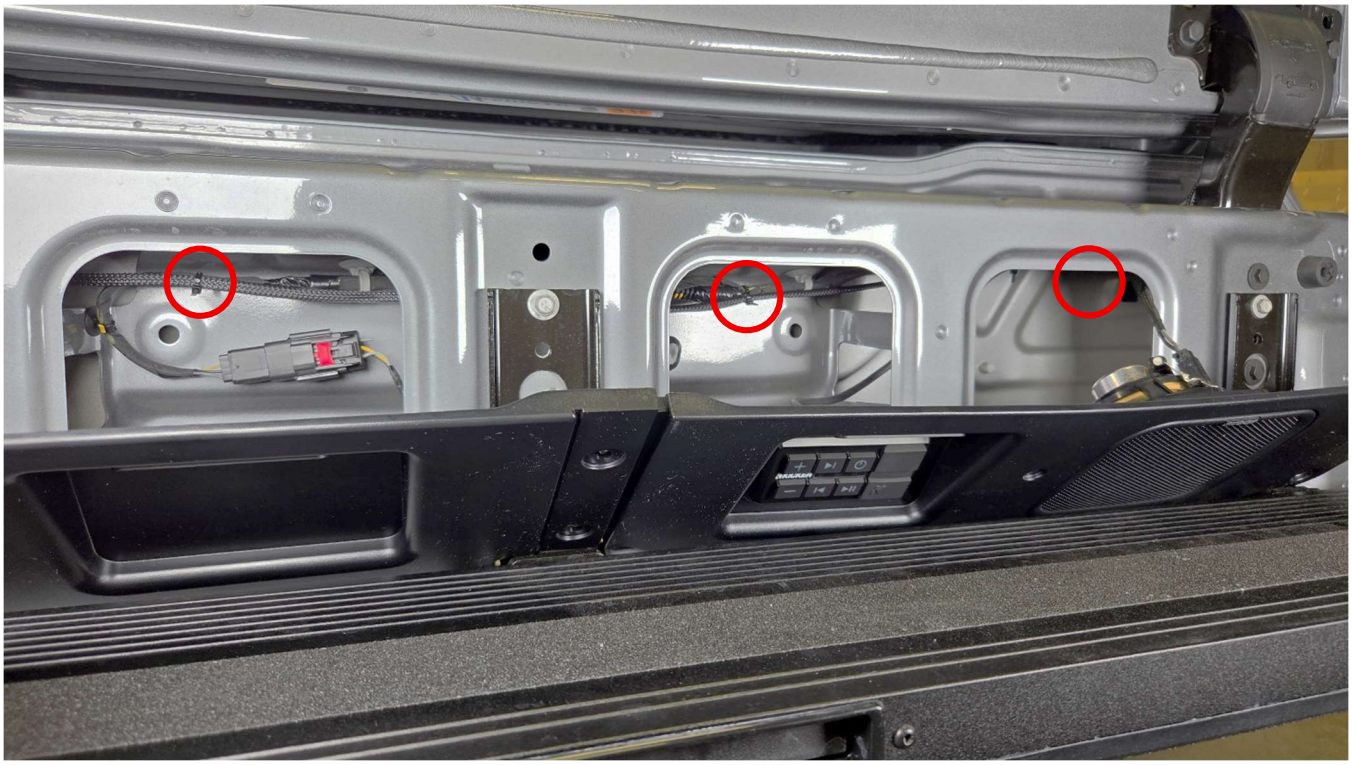


18. Apply the supplied foam tape to each speaker baffle where indicated by the yellow line.

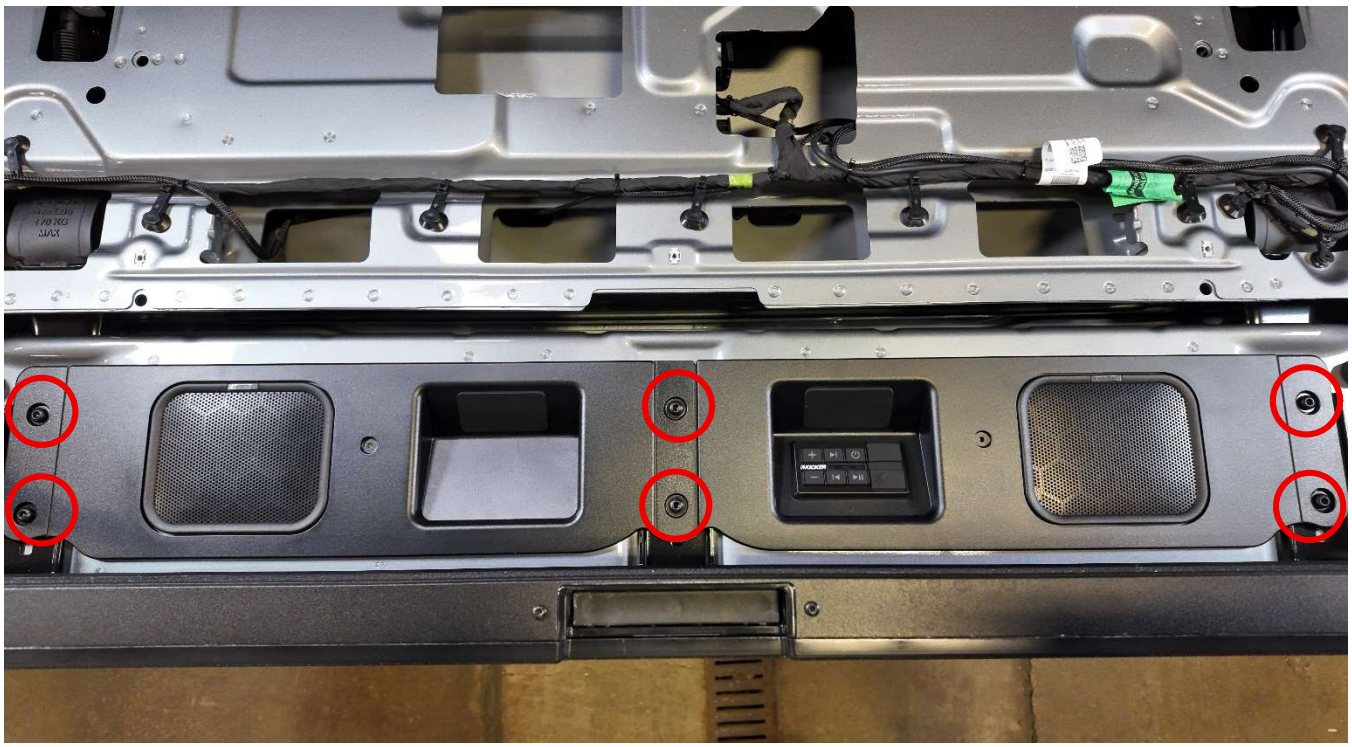


19. Route the speaker harnesses along the factory harness and secure with wire ties where indicated.

Connect both speakers.



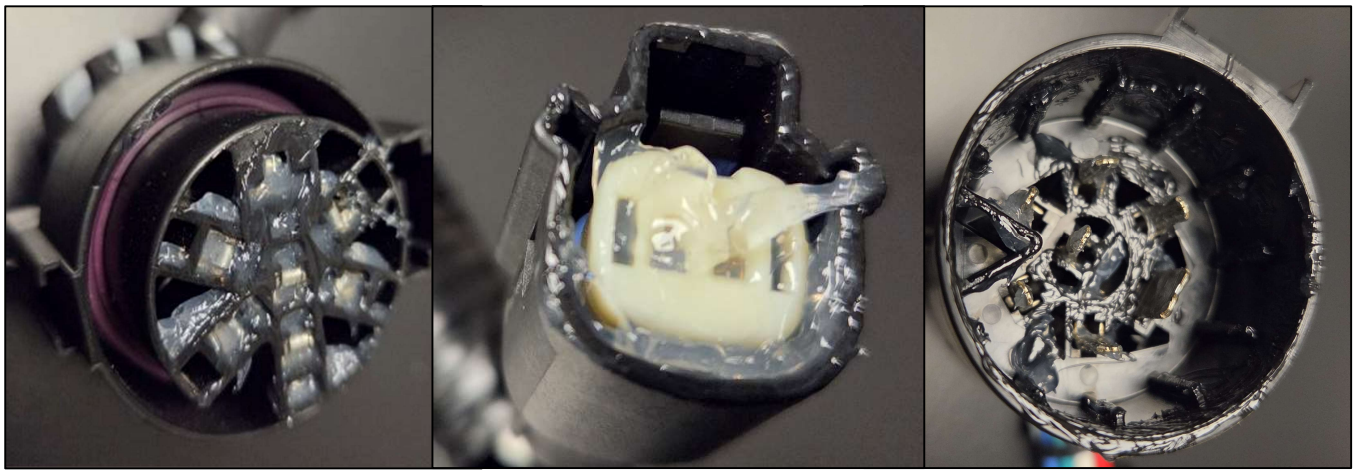
20. Fold the secondary gate up and install the speaker baffles. Use the six supplied Torx bolts to loosely secure and line up the baffles. Ensure the bolt heads are centered in the recesses on the baffle.



21. Use a 1/8 inch drill bit to drill a pilot hole in the sheetmetal for the supplied fine-threaded torx screws.



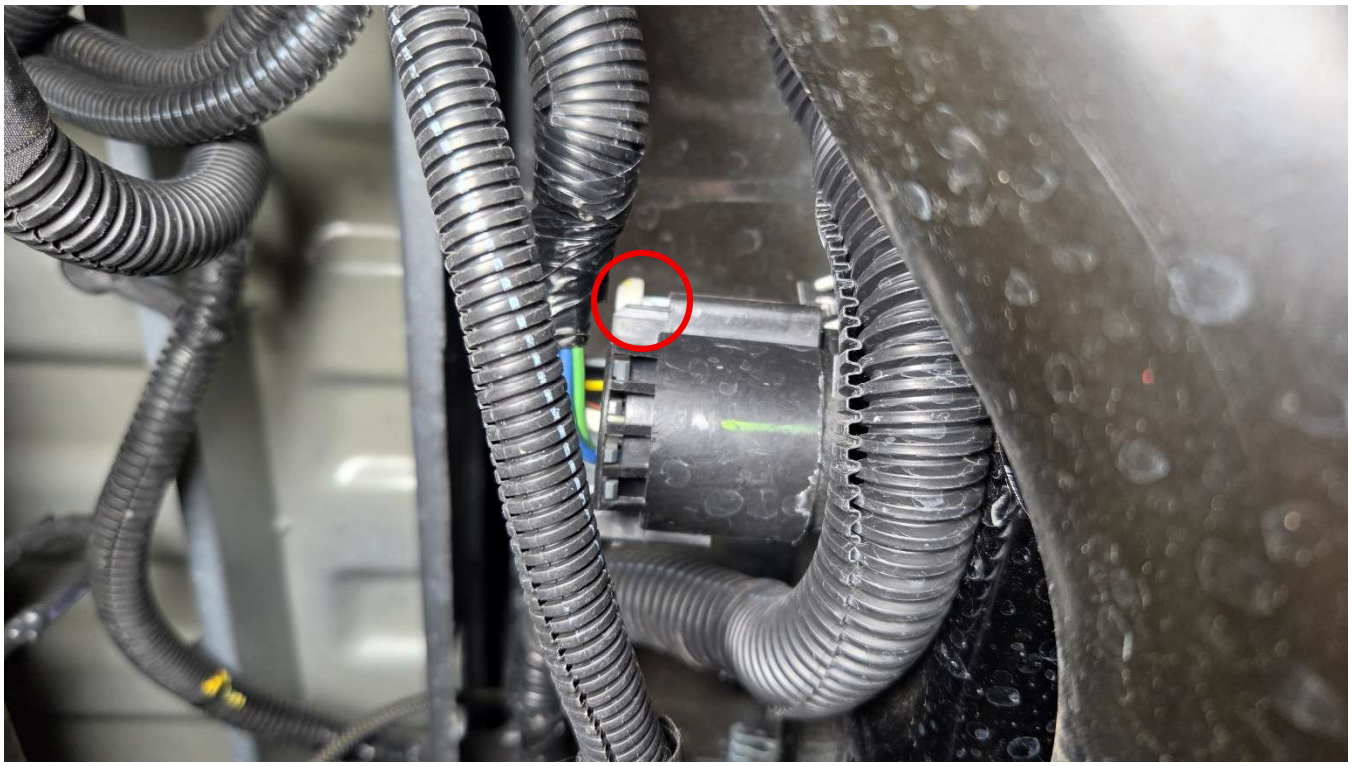
22. Remove the six torx bolts and vacuum and metal shavings out of tailgate.
23. Reinstall the baffles. Loosely install the six torx bolts again. Install the two fine-threaded screws being carefull not to overtighten. Tighten the six torx bolts to **9Nm (80 lb in)**.
24. Lower the spare tire. (see owner's manual)
25. **IMPORTANT! Prepare the supplied 7-pin trailer T-harness for installation by applying dielectric grease to all three connectors. Squeeze a liberal amount of the grease onto the connectors. Then, using your finger, force it into all of the terminal cavities and smear it onto all of the terminals.**



26. Find the factory 7-pin trailer connector on the back side of the bumper and pull the locking tab out.

Push the release button and disconnect it from the back of the trailer socket mounted to the truck. Apply some dielectric grease to the terminal cavities of the factory 7-pin connecter in the same manner as you did the T-harness. Connect one end of the T-harness to the back of the trailer socket and the other end to the factory 7-pin connector.

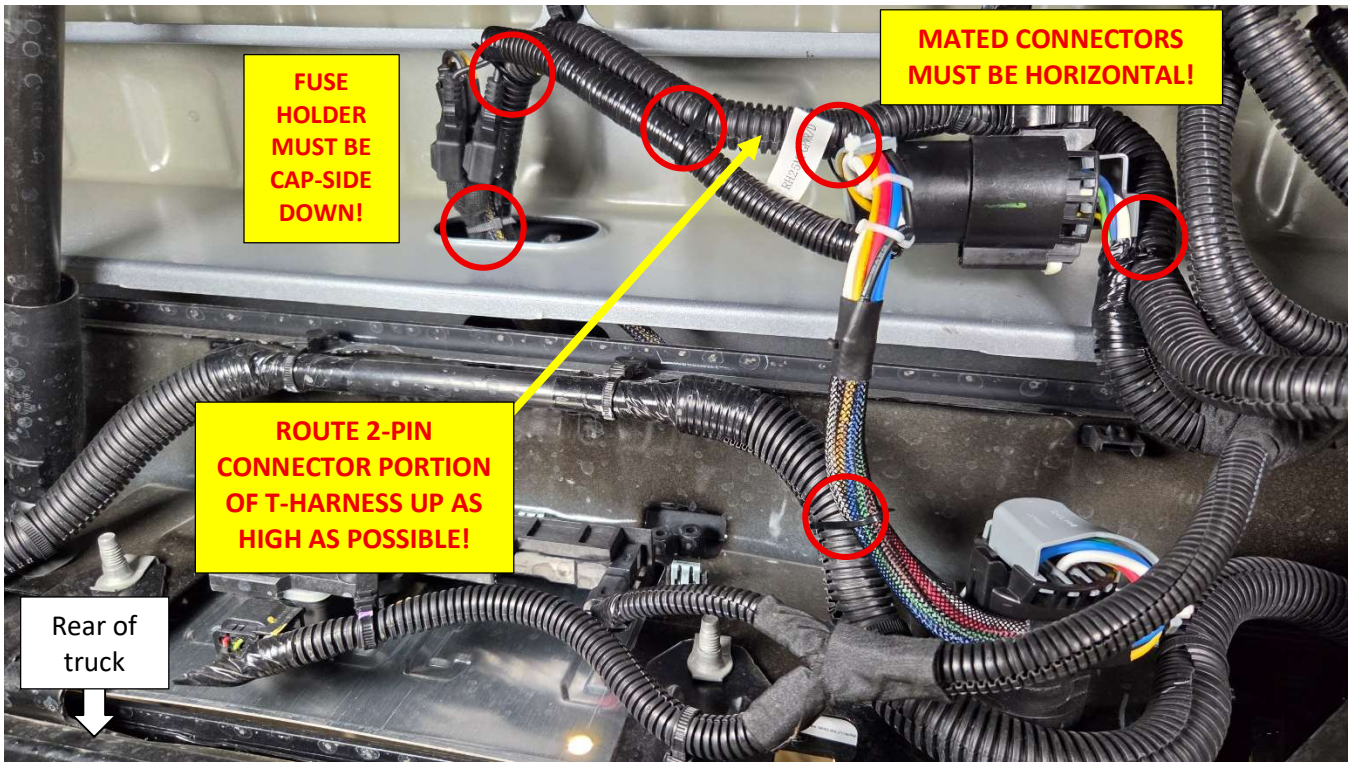
NOTE: Firmly push all connectors together until a "click" is heard and then pull on connectors to verify they are fully mated and do not separate.



27. Use the supplied wire ties where indicated to secure the mated 7-pin connectors to the factory wiring

in a horizontal orientation.

28. Route the 2-pin connector portion of the T-harness as high as possible and secure to the factory harness with supplied wire ties where indicated. Connect the 2-pin connector to the amplifier harness routed earlier. Make sure the T-harness Fuse holder is positioned so that the fuse holder's cap is facing straight down toward the ground and the cap is closed tight.



29. Reconnect negative battery cable and test system for functionality.
30. Replace all previously removed parts.

Tailgate Speaker System will not power on.	Check fuses at trailer connector T-Harness.
	Make sure inner and outer tailgates are in the fully down position.
	Check vehicle battery voltage.
	Check trailer accessory fuse in fuse box.
	Check harness connection at amplifier.
	Check Bluetooth controller connection at amplifier.
	Check four-pin and three-pin connector at circuit board
Tailgate Speaker System powers on, but no sound.	Check that proper mode is selected, e.g. Bluetooth, Aux, USB. Refer to Bluetooth Controller User Manual.
Tailgate Speaker System has rattle or buzz.	Make sure foam tape is applied to rear of speaker baffle.
	Make sure all wires are wire-tied securely and not touching the speaker baffle or tailgate.
Tailgate Speaker System shuts off when tailgate is raised.	There is no issue. Tailgate Speaker System is designed to only operate when both inner and outer tailgates are folded fully down.
Poor Bluetooth Range or trouble connecting.	In certain areas the system may be affected by interference from other RF devices. This problem should correct itself once out of range of interference.

If you continue to experience problems after troubleshooting, please contact KICKER Technical Support at
405-533-7499 oesupport@kicker.com

stillwater designs

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