

SAFETY RECALL

Volvo Trucks North America

Greensboro, NC USA

VOLVO

Date	Number	Release	Page
07. 2023	RVXX2305	01	1(21)

RollTek Seat Jumper Harness VN, VHD

RECALL INFORMATION

(July 2023)

Volvo Trucks has determined that certain model year 2022-2024 VN, VHD trucks built with the RollTek driver's seat will not function as intended. On the affected population, the side curtain airbag will not deploy in the event of an accident.

Volvo Trucks has not received any complaints or reports of injury; therefore, Volvo considers this as a proactive measure to protect the public and Volvo's customers from the potential risk associated with this defect.

To ensure that these vehicles meet Volvo's stringent quality requirements, follow the instructions outlined below to install the jumper harness (if not already installed) and program the instrument cluster using an accessory kit.

VEHICLES AFFECTED

Certain Volvo North America vehicles manufactured between June 21st, 2021, and April 25th, 2023.

VEHICLE QUANTITY

There are 29 vehicles affected by this recall (29 U.S., 0 Canada).

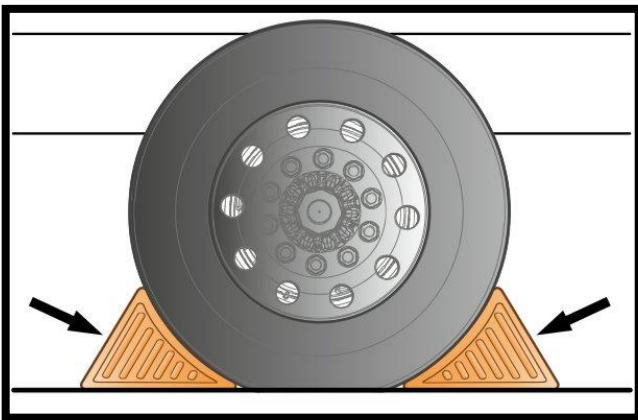
Parts

Order parts through normal process as needed.

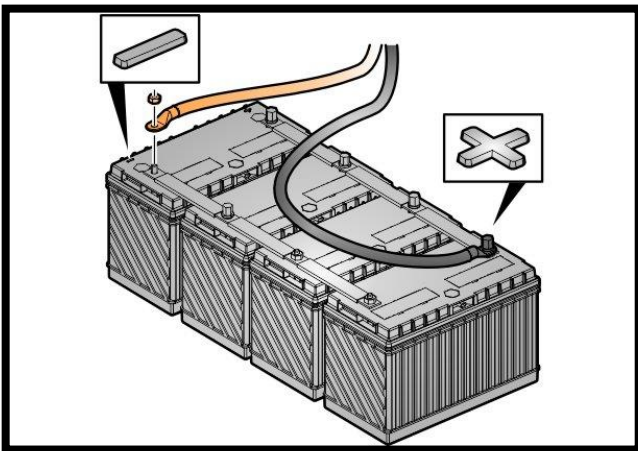
Part Number	Part description	Quantity
24611200	Harness	As Needed
980464	Cable tie	As Needed

Repair Instructions

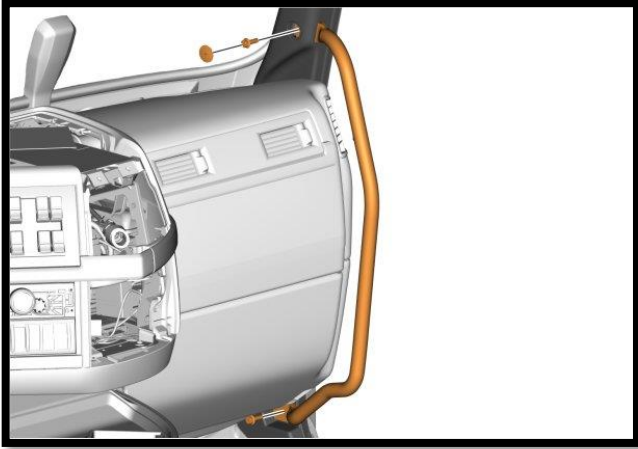
1. Park the vehicle on a level surface.
2. Apply the parking brake.
3. Please the gear lever in neutral.
4. Install the wheel chocks.



5. Disconnect the cable from the negative terminal.

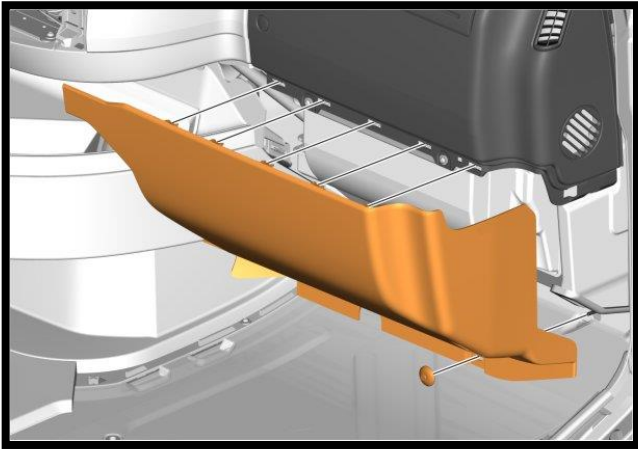


6. Remove the screw cover.
7. Remove the screws.
8. Remove the handle.

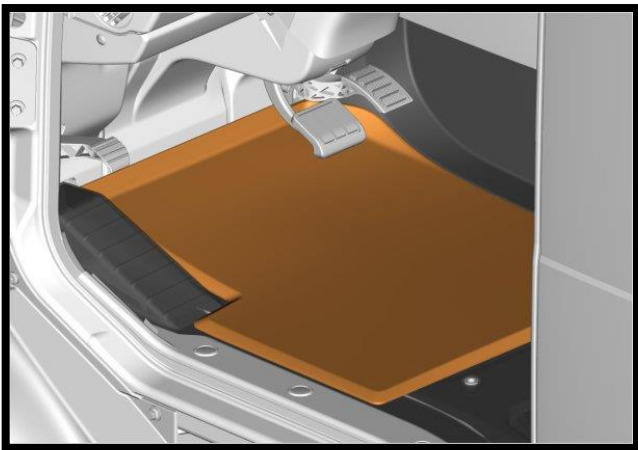


9. Remove the retainer.

10. Remove the panel.



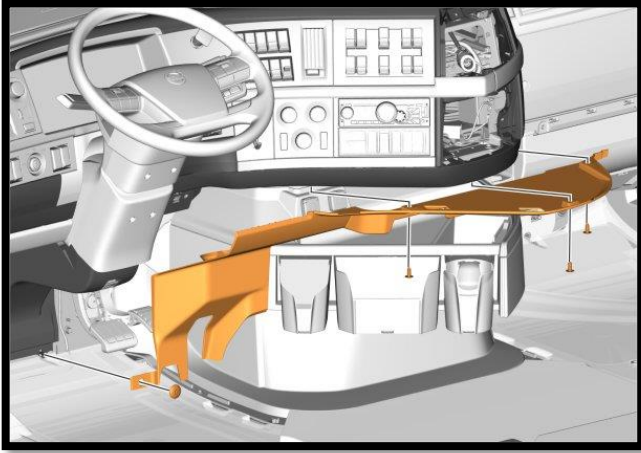
11. Remove the floor mat.



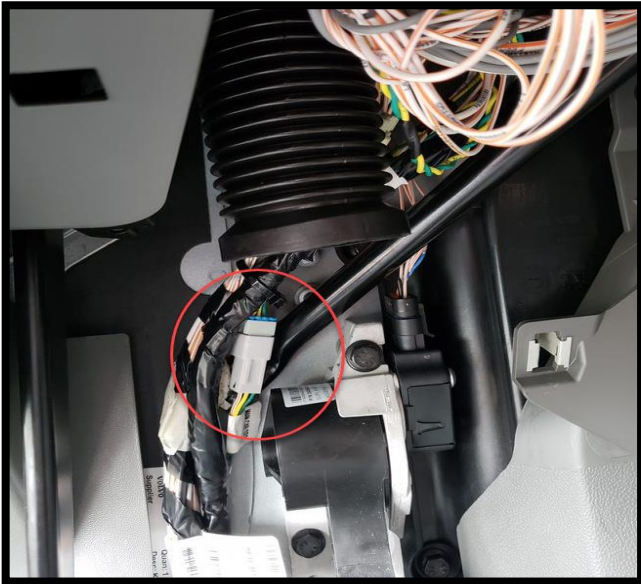
12. Remove the retainer.

13. Remove the rivets.

14. Remove the panel.

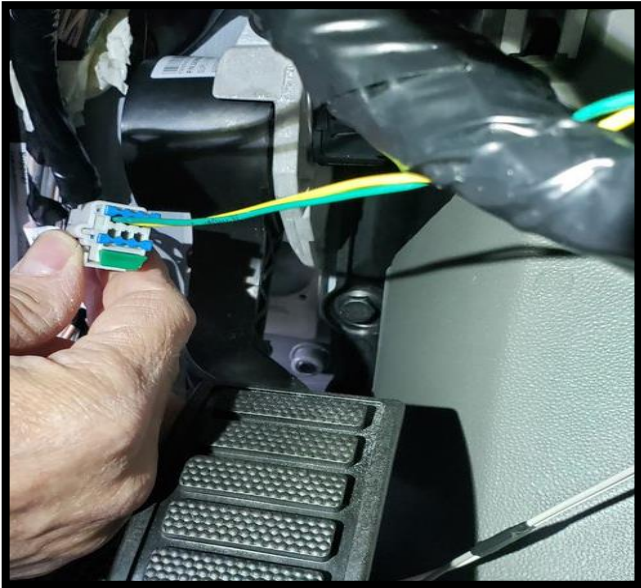


15. Find the Main Cab SRS connector located to left of the accelerator pedal.

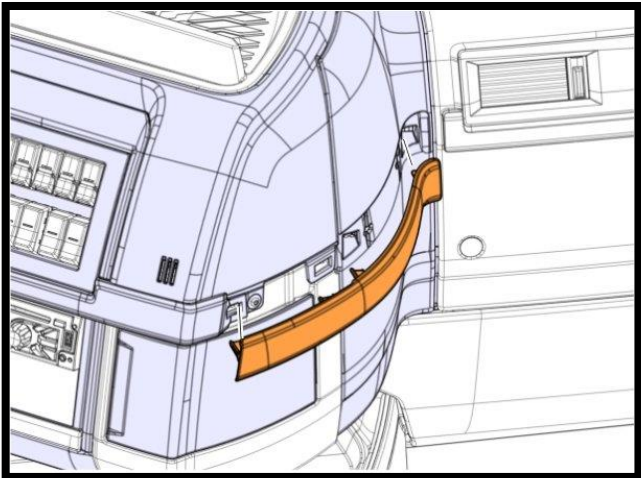


16. Inspect the SRS connector to verify if the jumper harness is installed or not.

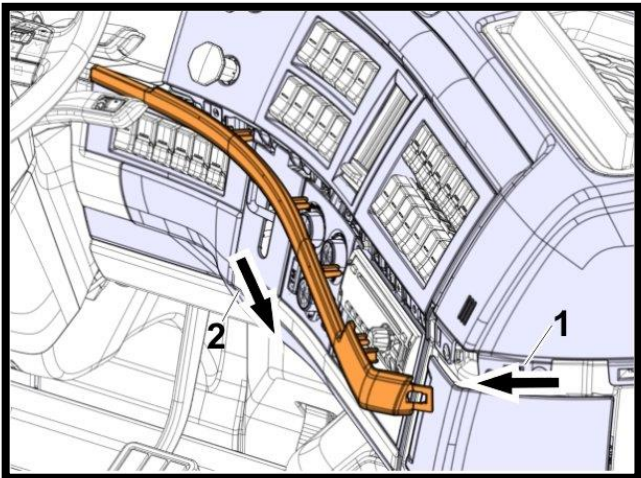
- a) If the connector already has 4 wires installed, you can proceed to **step 59**
- b) If the connector only has 2 wires installed (Yellow and Green) you will need to install jumper harness **24611200** following the steps below.



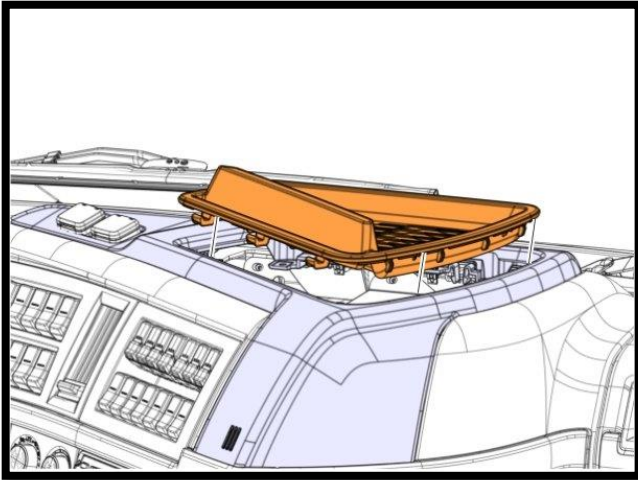
17. Remove the trim.



18. Remove the trim.



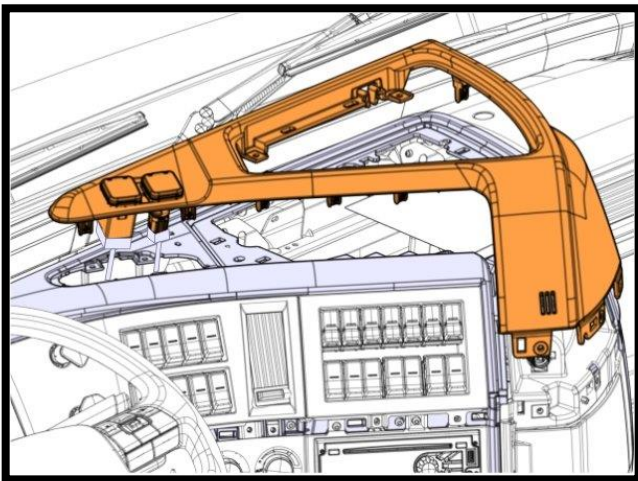
19. Remove the panel.



20. Remove the screws.

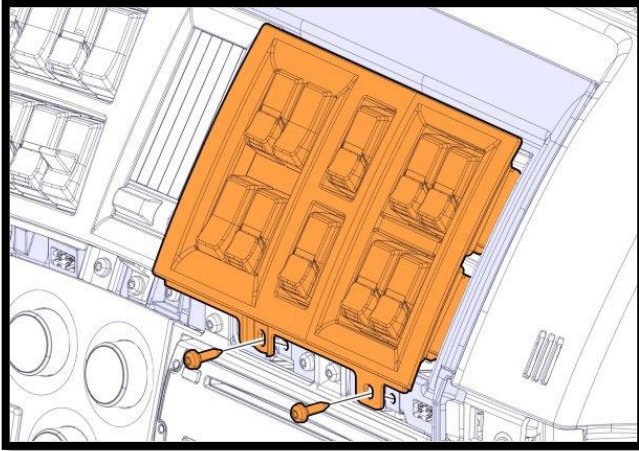


21. Remove the panel.

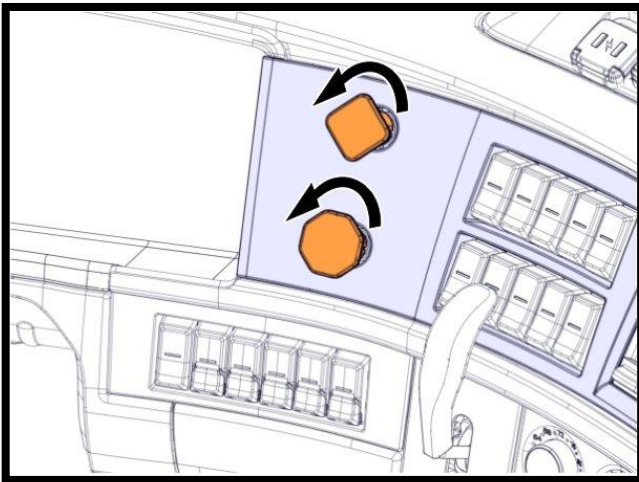


22. Remove the screws.

23. Move aside the panel.



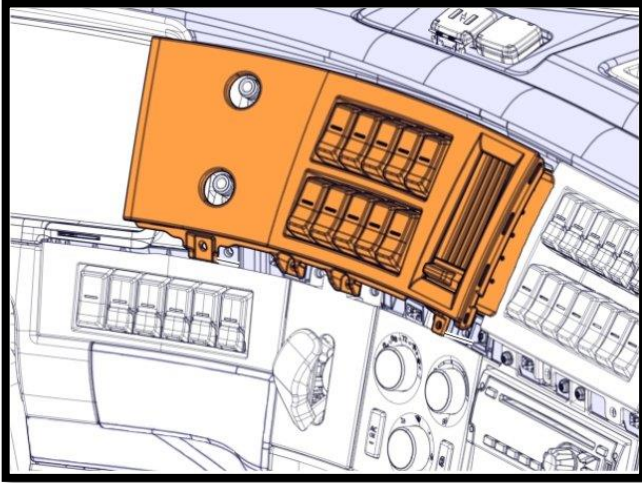
24. Remove the brake valve knobs.



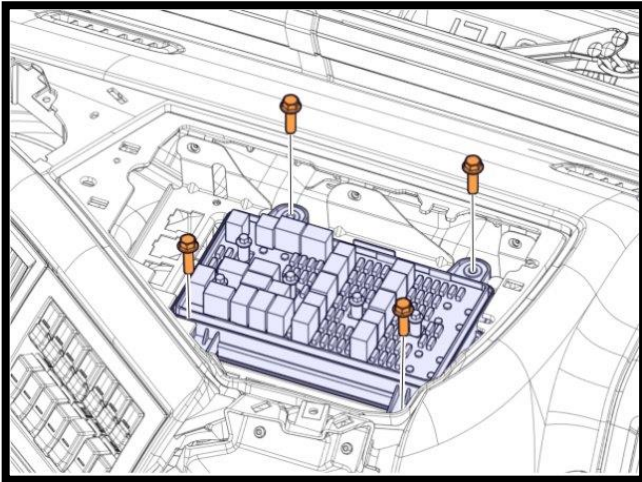
25. Remove the screws.



26. Move aside the panel.



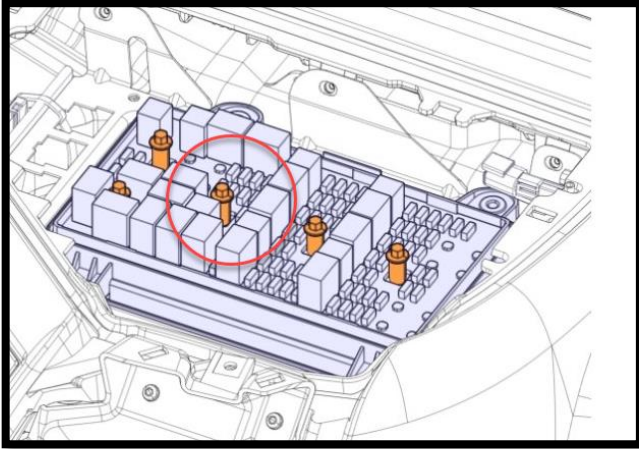
27. Remove the screws securing the FRC.



28. Carefully lift the FRC out of the dash and use a bungee cord or equivalent to hold it out of the way.



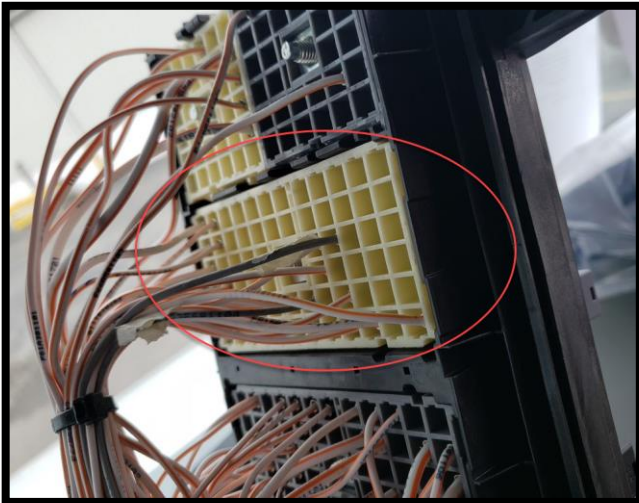
29. Loosen the screw securing the J3 connector into the FRC.



Note!

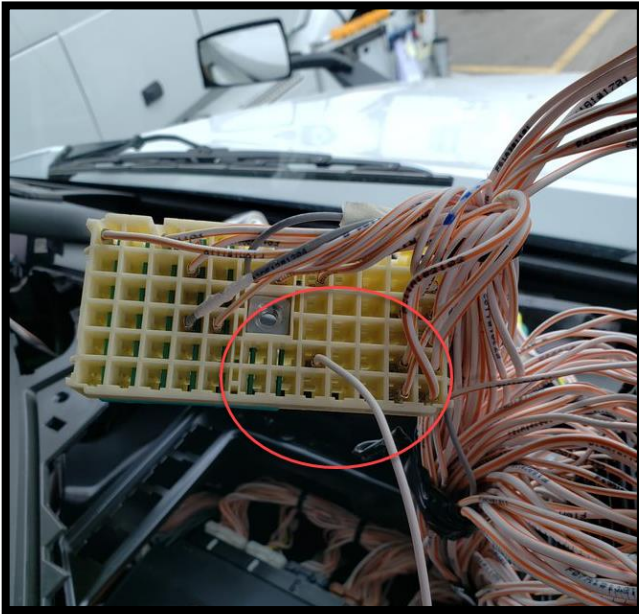
Loosening the screw will push the connectors out of the FRC

30. Remove the connector.



31. Release the locking tab.

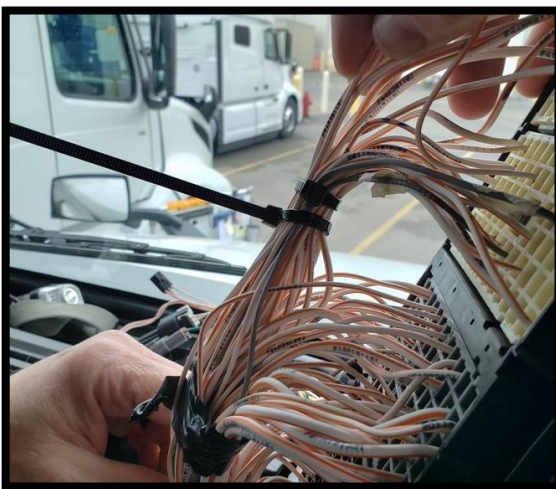
32. Insert the single W/OR wire from the jumper harness **24611200** into the J3 connector cavity B8.



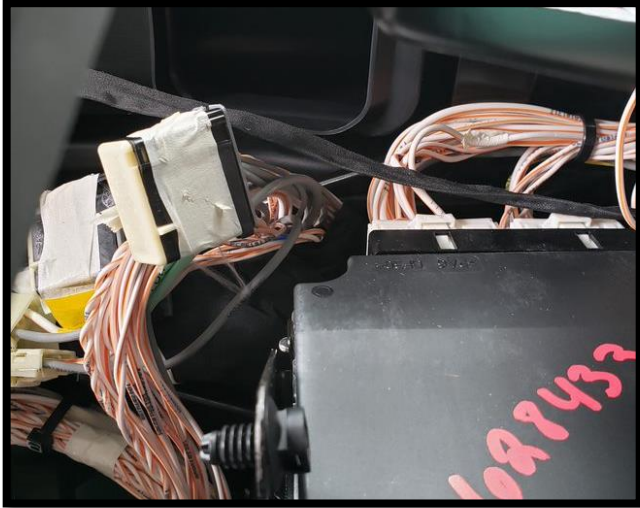
- 33. Push in the locking tab.
- 34. Install the J3 connector into the FRC.
- 35. Tighten the screw to draw in the connector and then tighten to spec.

Tightening torque	
Screw	3.5 ±0.5 Nm (31 ±4 lb·in)

- 36. Route the jumper harness **24611200** through the dash and secure it to the LCM harness using cable ties.



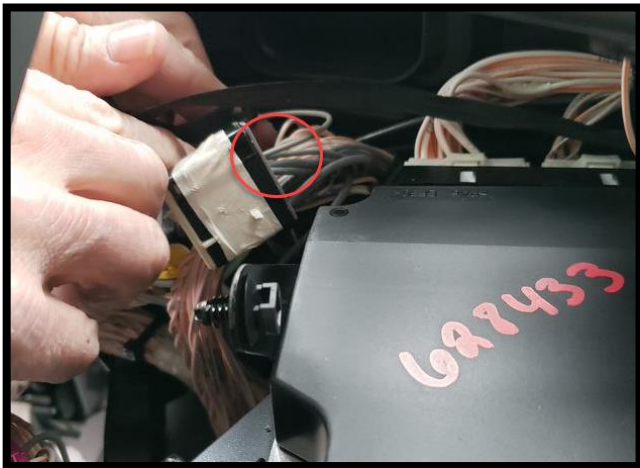
- 37. Locate the ground splice pack (black connector beside the LCM)



38. Release the locking tab.

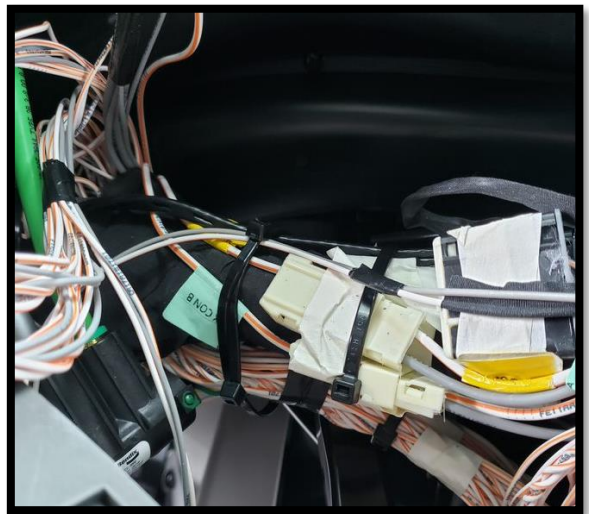
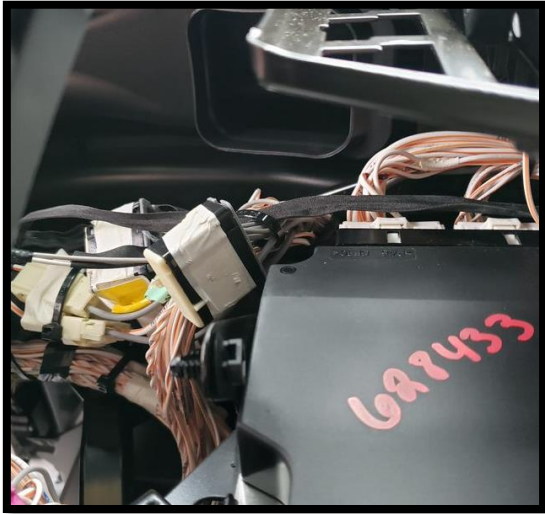


39. Insert the single gray wire from the jumper harness **24611200** into cavity L of the ground splice connector.

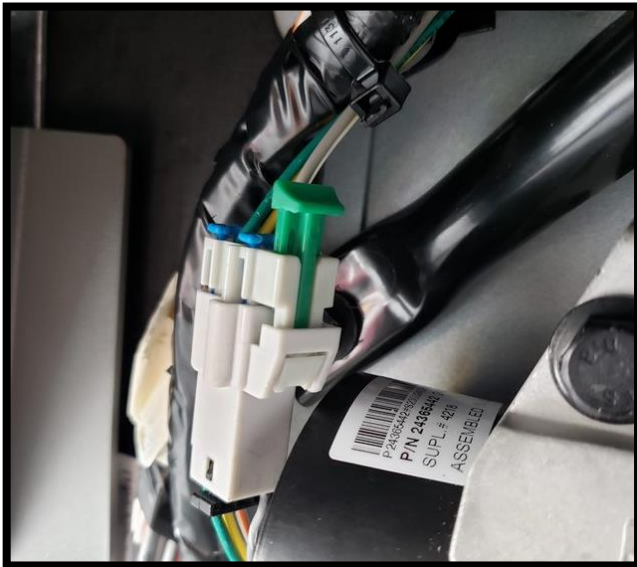


40. Route the jumper harness **24611200** down to the SRS connector following the dash harness and

secure using cable ties.

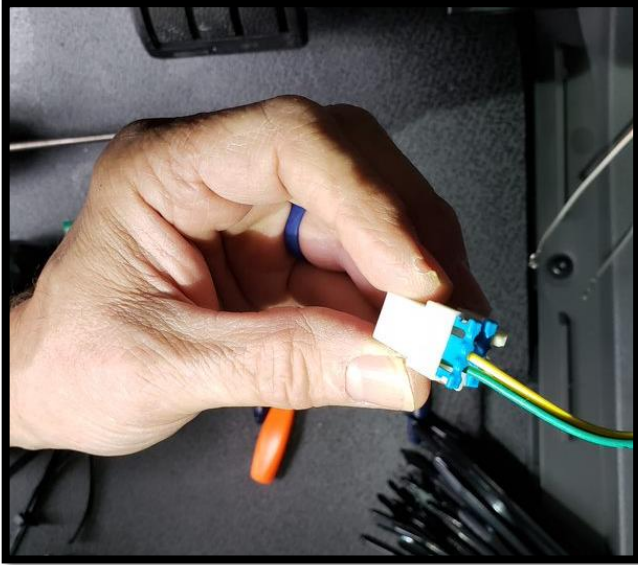


41. Release the locking tab.



42. Unplug the SRS connector.

43. Release the locking tabs.



44. Insert the W/OR wire from jumper harness **24611200** into cavity C of the SRS connector

45. Insert the gray wire from the jumper harness **24611200** into cavity D of the SRS connector.



46. Push in the locking tabs.

47. Connect the connector.

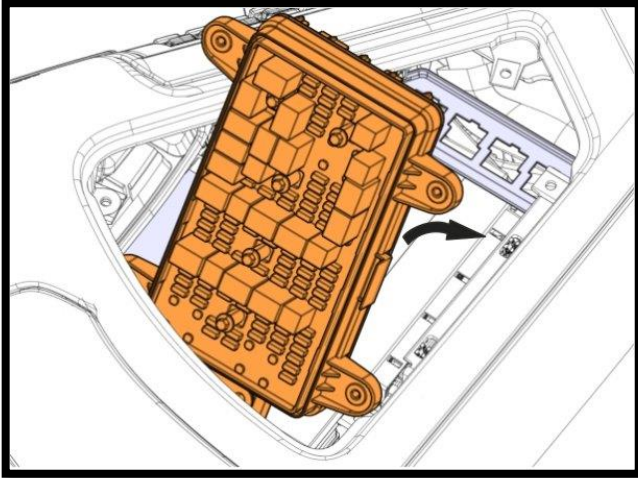
48. Push in the locking tab.



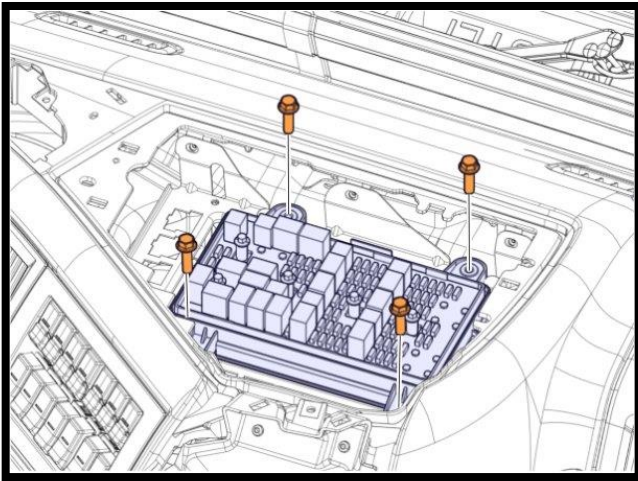
49. Secure the SRS connector to the cab harness using cable ties.



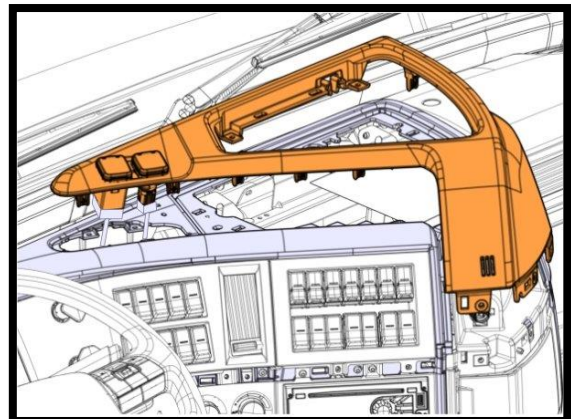
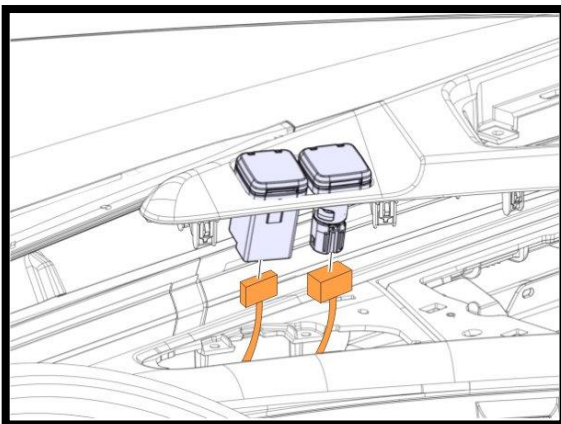
50. Install the FRC.



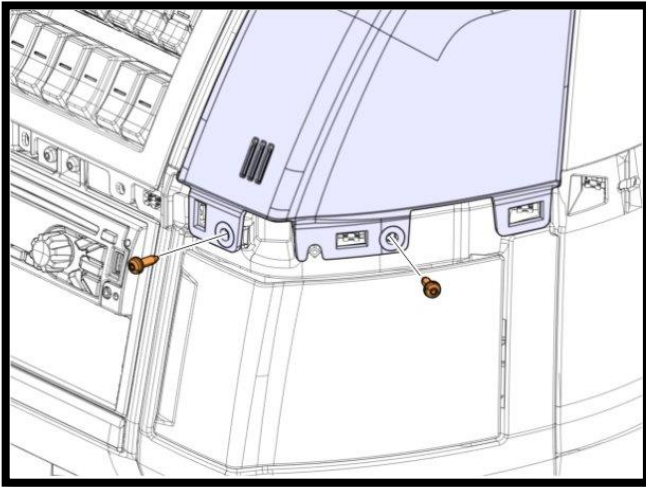
51. Install the screws.



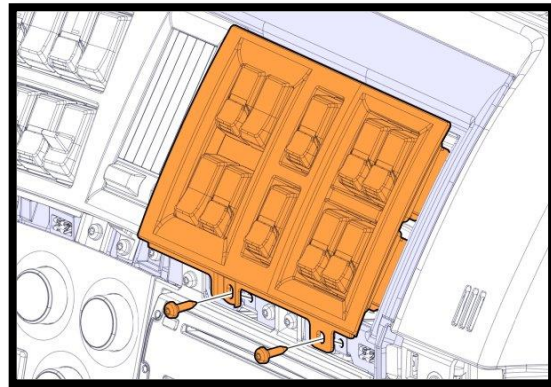
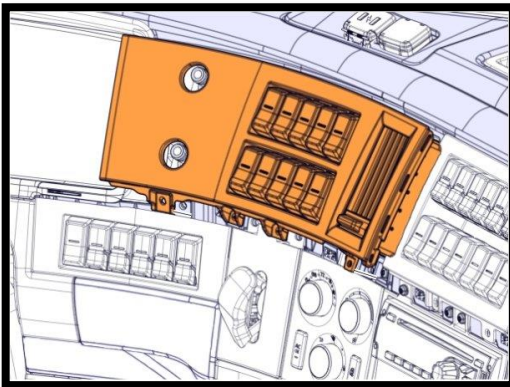
52. Connect the connectors and install the panel.



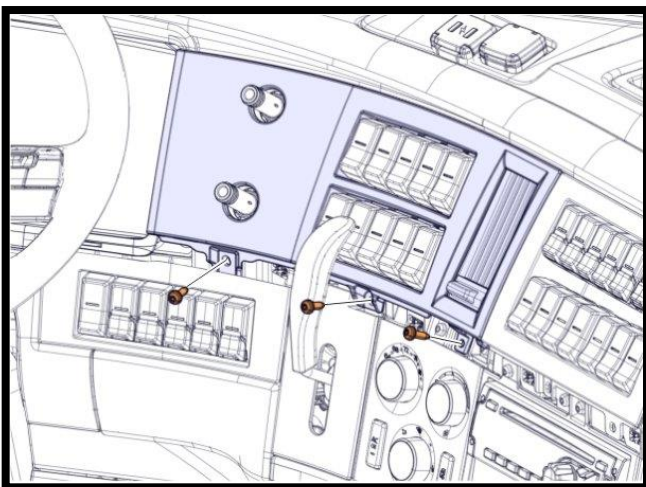
53. Install the screws.



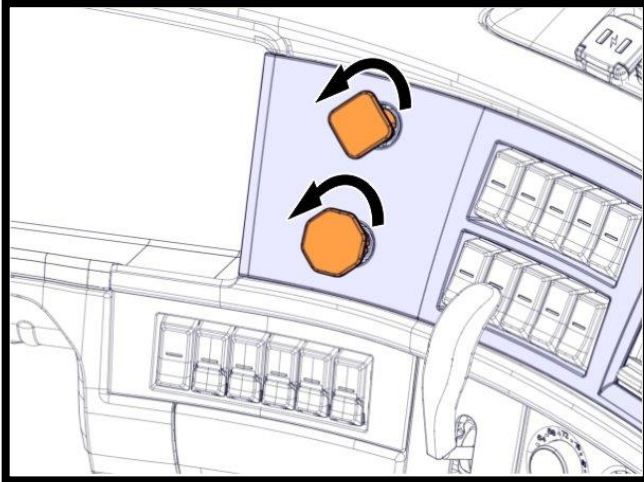
54. Install the panels.



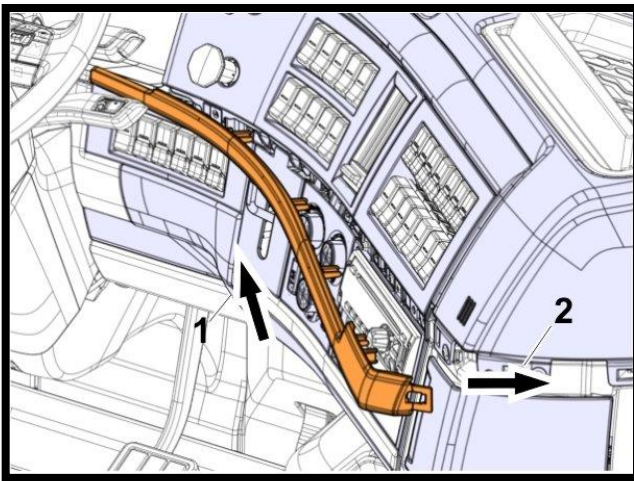
55. Install the screws.



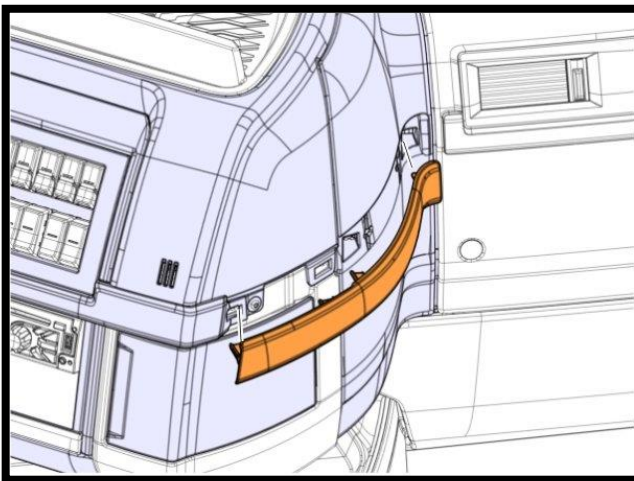
56. Install the knobs.



57. Install the trim.



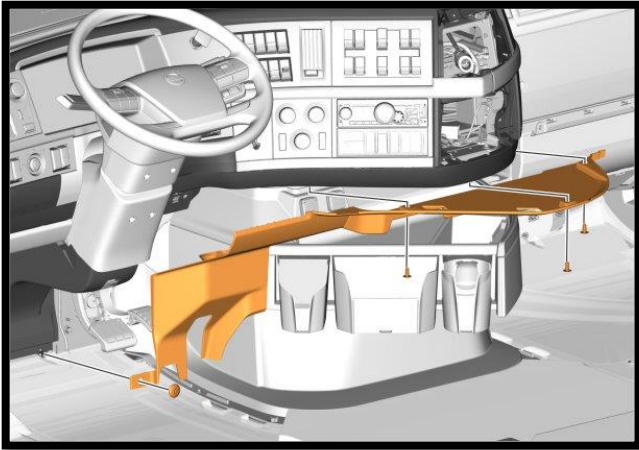
58. Install the trim.



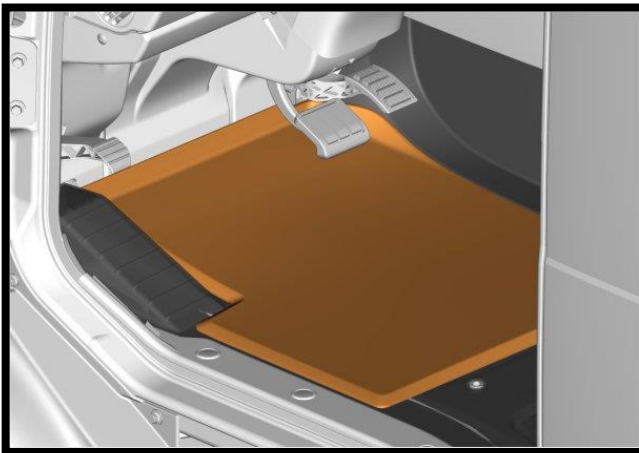
59. Install the panel.

60. Install the plastic rivets.

61. Install the retainer.

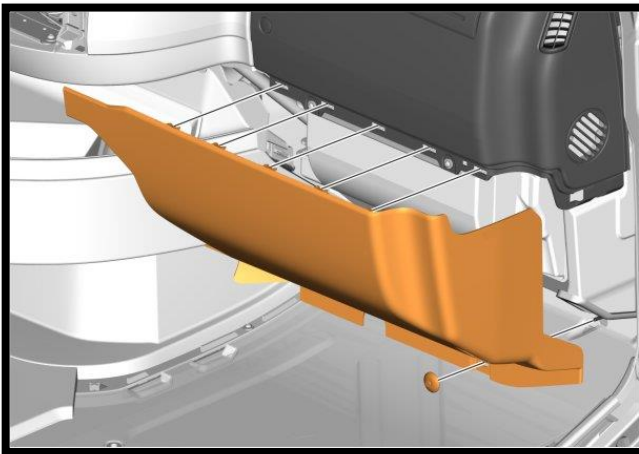


62. Install the floor mat.



63. Install the panel.

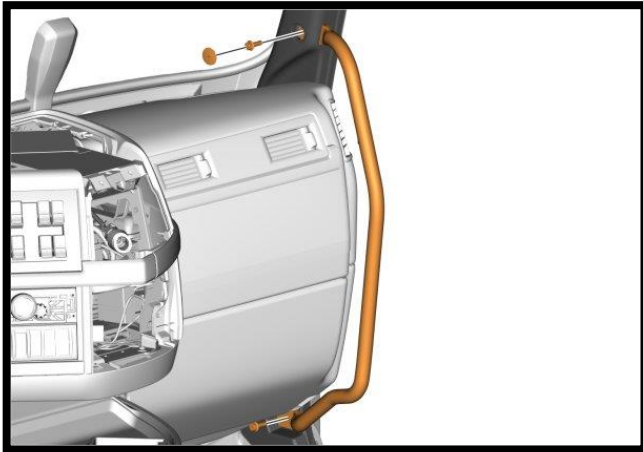
64. Install the retainer.



65. Install the handle.

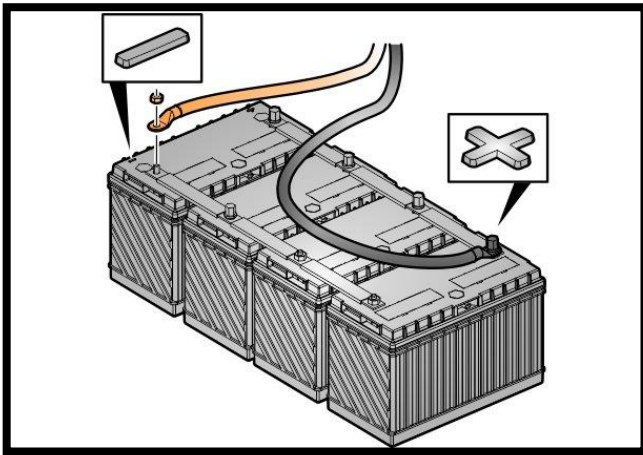
66. Install the screws.

Tightening torque	
Screw	24 ±4 Nm (18 ±3 lb _r .ft)



67. Install the screw covers.

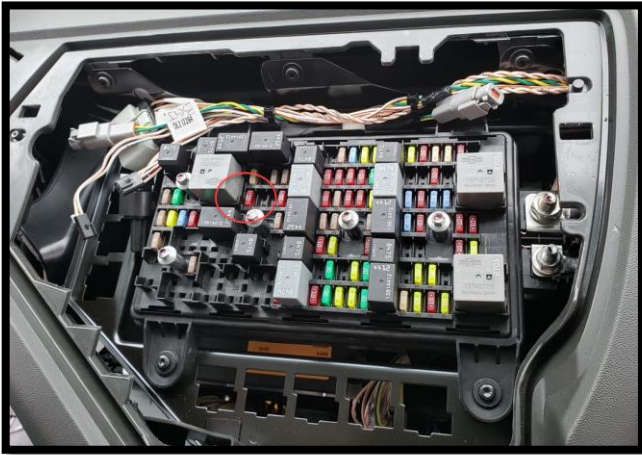
68. Connect the cable to the negative terminal.



69. Connect to the vehicle using PTT.

70. Install Accessory kit **85165765** using operation **1700-22-03-06** under the Program tab in PTT to change parameters in the cluster.

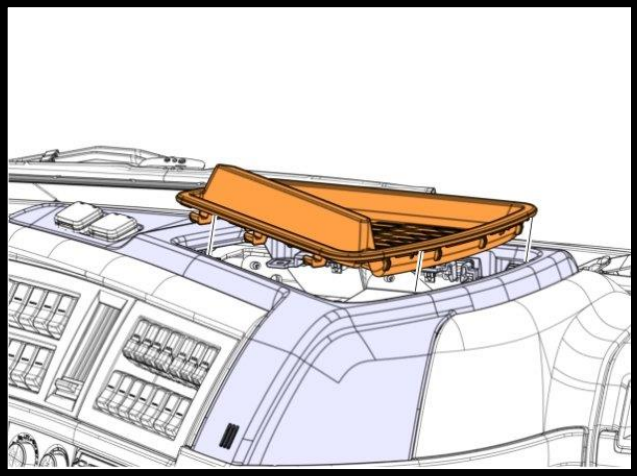
71. To verify the accessory kit installed correctly remove the 10A fuse in location 59.



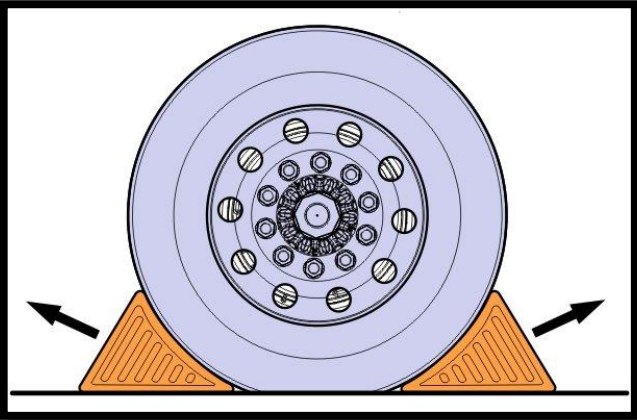
72. Once Fuse 59 as been removed cycle the ignition switches to the off position and then back on again.
73. If the system is functioning correctly there will be a message in the cluster showing a Side air bag system fault. (This could take up to 2 minutes)



74. Install Fuse 59 back into the FRC.
75. Install panel.



- 76. Clear any fault code.
- 77. Remove the wheel chocks.



- 78. Release truck back to service.

REIMBURSEMENT

This repair is covered by an authorized Safety Recall. Reimbursement is obtained through the normal claim handling process.	
	UCHP Reimbursement
Claim Type (used only when uploading from the Dealer Business System)	40
Recall Status	
Vehicle repaired per instructions	1-Modified per instructions
Labor Codes	
1720-16-09-01 Harness, install	0.7 hrs.
1720-16-09-01 Accessory kit, programming	0.3 hrs.
Causal Part	24611200
Authorization Number	C0300

Note: Dealers are to perform Safety Recall Campaigns on all subject vehicles at no charge to the vehicle owner regardless of mileage, age of vehicle or ownership (original purchaser or subsequent purchasers). Whenever vehicles are subject to a Safety Recall are brought to your dealership for service, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is released to the owner.