



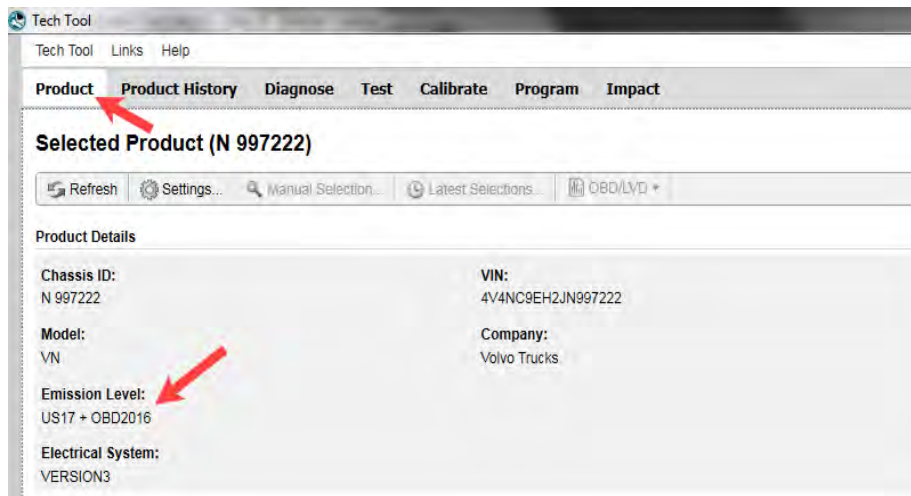
Volvo Chassis - Without Tire Pressure Monitoring System (TPMS) - Intermittent Brief Loss Of Throttle, Possible Data Link Codes - Technical Service Bulletin V-776-002 - US14+OBD13 Through US14+OBD16 Emissions, Commonly Model Years 2015 To 2017



> Internal Content

Verify the chassis emissions level and ensure that the vehicle is within the applicable range for this solution.

- Details can be found in the Product Details box on the Product tab in PTT as seen below:



Chassis configured as specified above may experience corrosion or damage to the TPMS connector, which is included in the chassis harness regardless of whether the TPMS module is installed. This can cause electrical issues.

For more information refer to Technical Service Bulletin V-776-002 Connector, Tire Pressure Monitoring System (TPMS), Remove, located under the Service tab in [Impact](#).

1. Navigate to the Service tab.
2. In the Info Type box, make sure Technical Service Bulletins is selected.



3. In the Additional search values box select Keyword

4. Enter [776-002](#) into the text entry box, press the Search button.
5. A link for the article will be shown in the results. Click on the title, then choose one of the options from the window that opens.

 Tags [k05203167](#) [fsb 776-002](#)

Related links and attachments

[TSB 776-002 V](#)

[fsb 776-002](#)



Feedback

[Give feedback](#)

to help improve the content of this article

Connector, Tire Pressure Monitoring System (TPMS), Remove

V-776-002

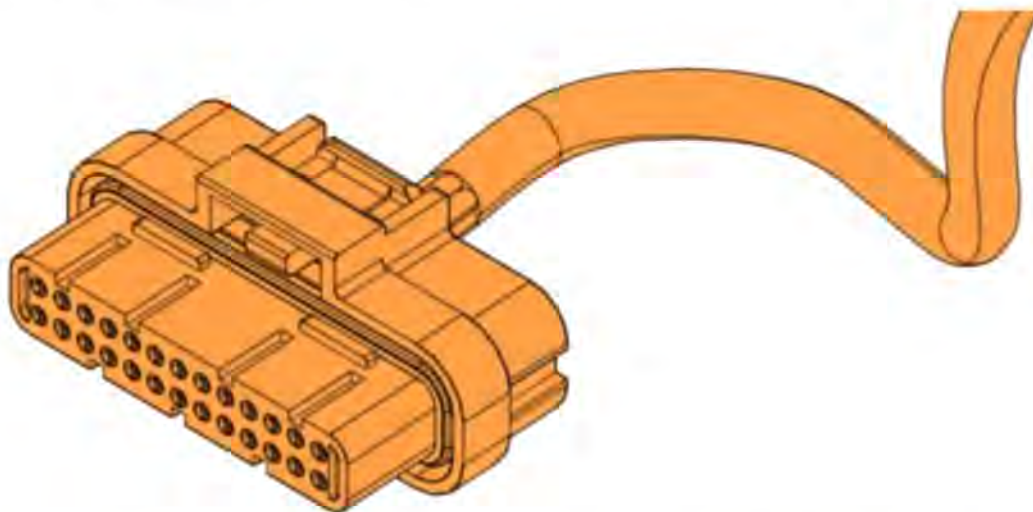
Autust (2021)

Valid for

Volvo Trucks without the Tire Pressure Monitoring System (TPMS) and built between 11/10/2014 to 05/15/2016.

Case description

On some Volvo trucks the rubber cap that covers the unused TPMS connector may allow water intrusion and lead to corrosion of the harness and the J1939 datalink circuits. Corrosion of the J1939 datalink circuits may lead to diagnostic trouble codes (DTCs) and loss of datalink communication between Electronic Control Units (ECUs). To resolve the issue of DTCs and loss of datalink communication between the ECUs, removal of the TPMS connector is required.



Required Parts Tire Pressure Monitoring System (TPMS) Connector, Remove

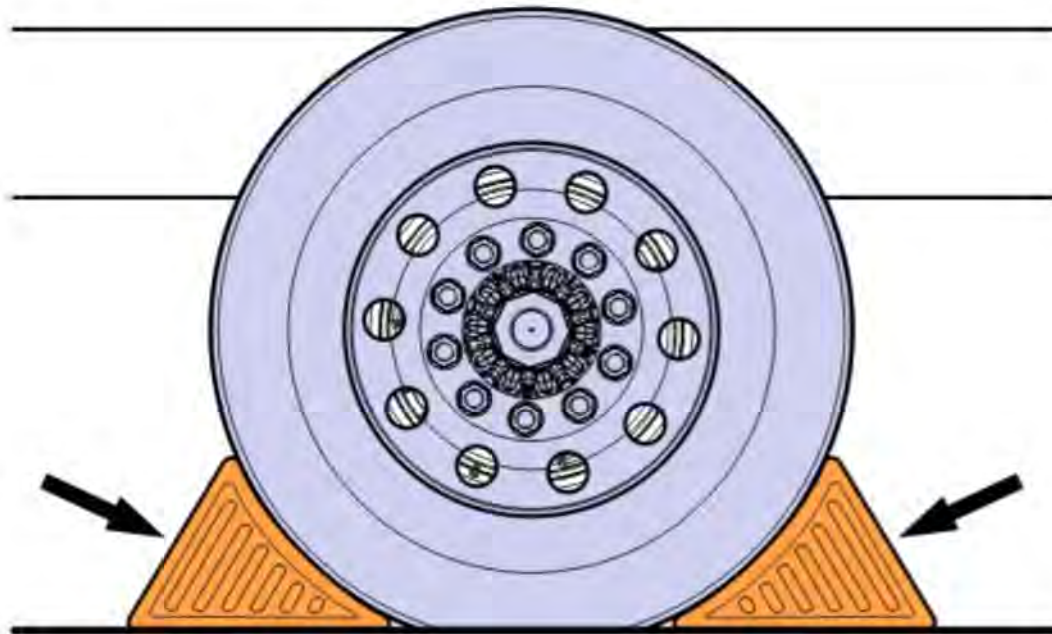
Item	Description	Part Number	Qty
1	Heat Shrink Tubing	8071826	5
2	Harness Repair Tape	20469544	1

Decommissioning the Truck for Repair

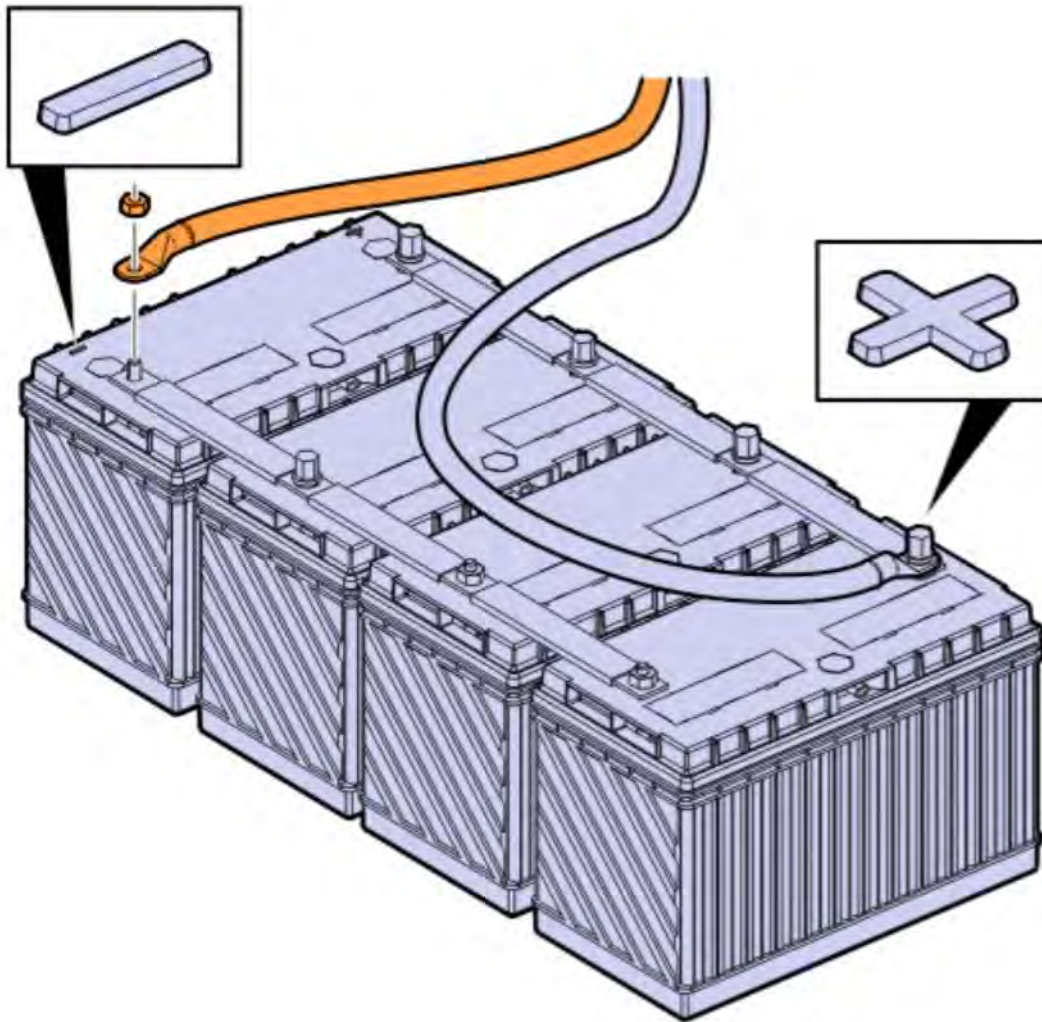
You must read and understand the precautions and guidelines in Service Information, group 70, "General Safety Practices, Frame, Springs, Shocks & Wheels" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

NOTE: Information is subject to change without notice. Illustrations are used for reference only and can differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.

1. Park the vehicle on a flat and level surface.
2. Apply the parking brake.
3. Place the transmission in neutral or park.
4. Install the wheel chocks on the front wheels.

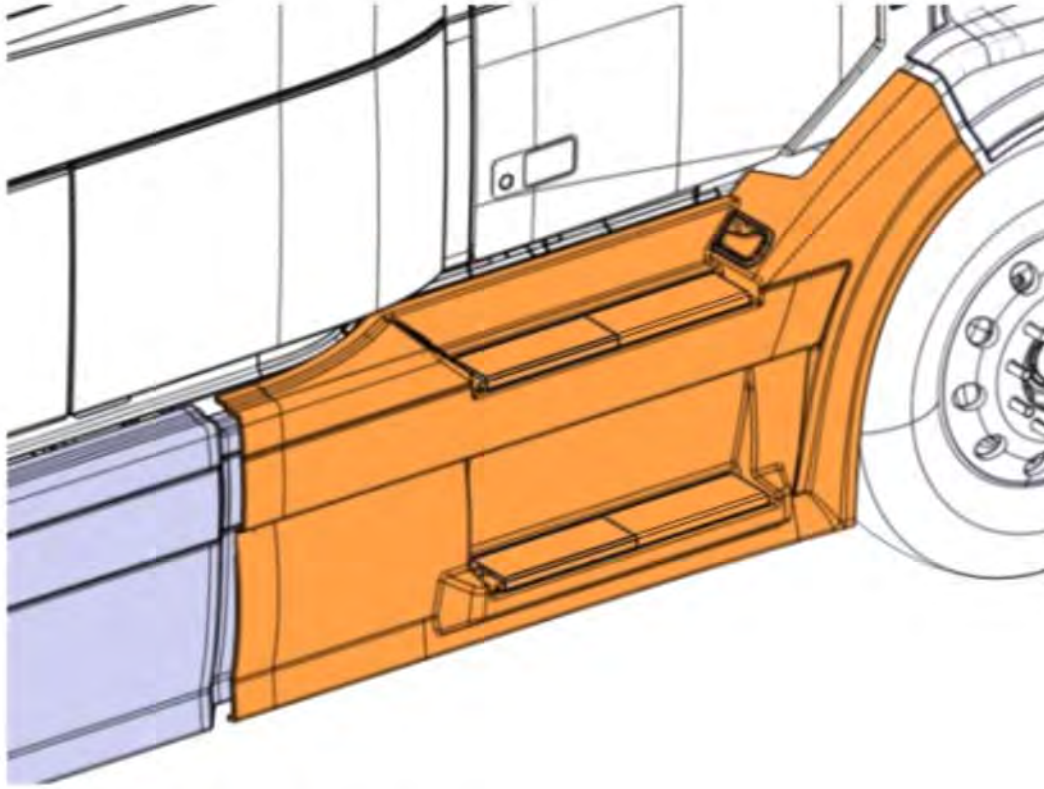


5. Disconnect the cable from the battery's negative terminal.

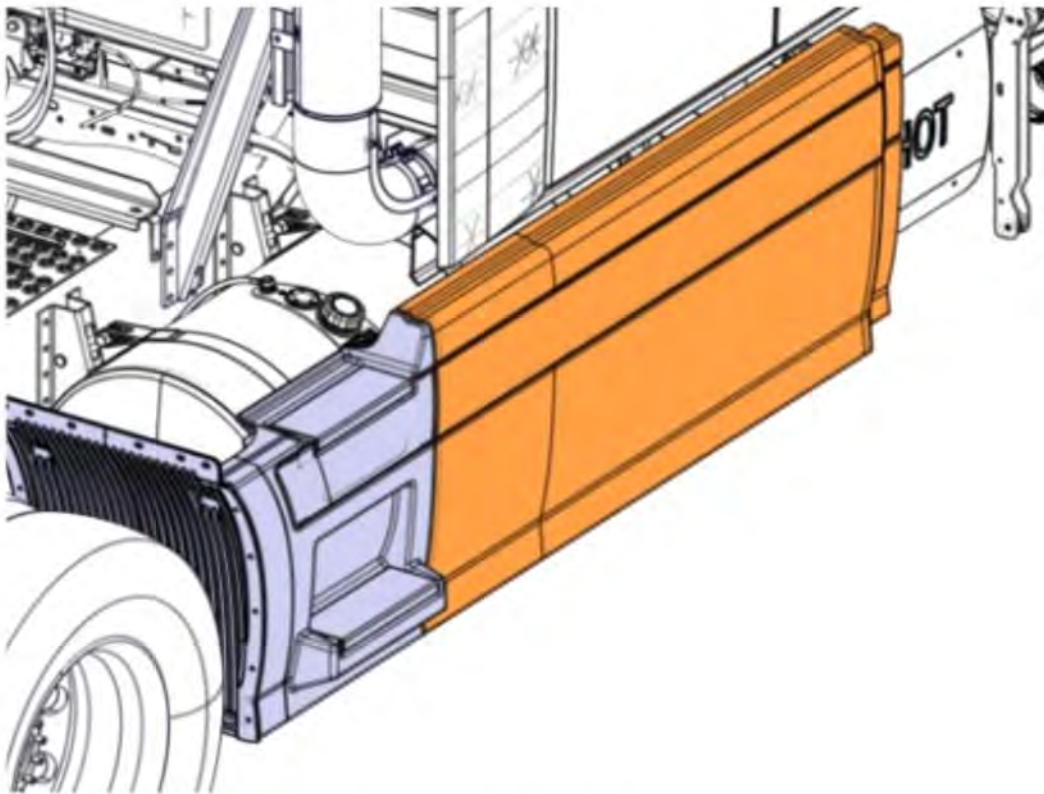


Rear Axle Seat, Replacement

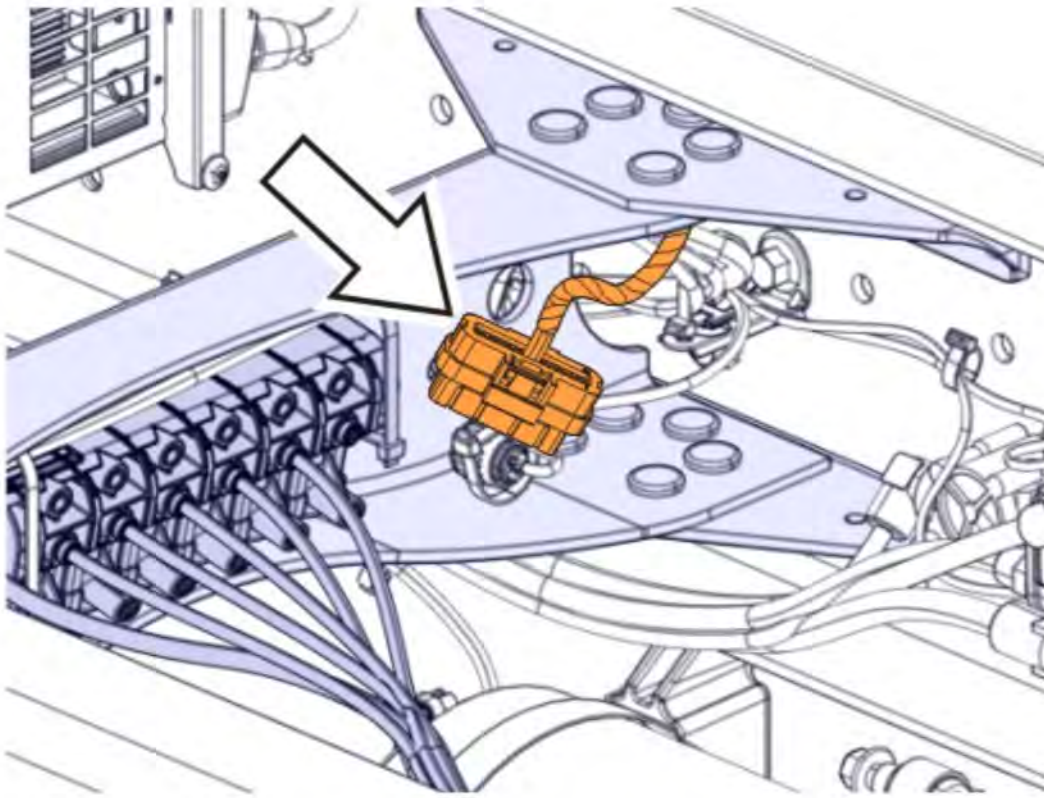
1. If applicable, unlatch and tilt down the front right side fairing.
2. If applicable, remove the cable securing the front right side fairing.
3. Remove the front right side fairing.



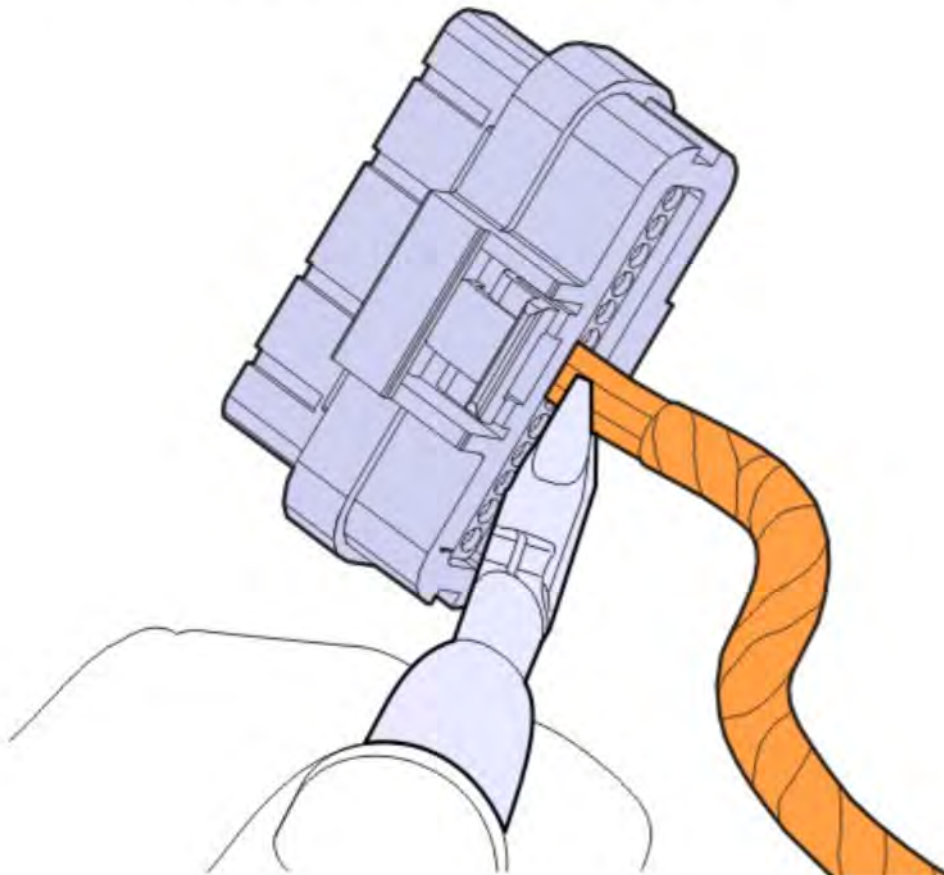
4. If applicable, remove the rear right side fairing.



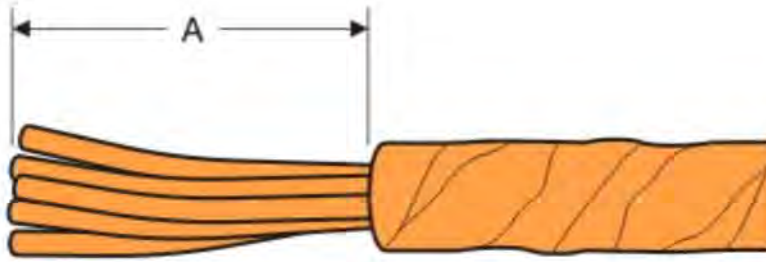
5. Locate the TPMS connector on the cross member as shown.



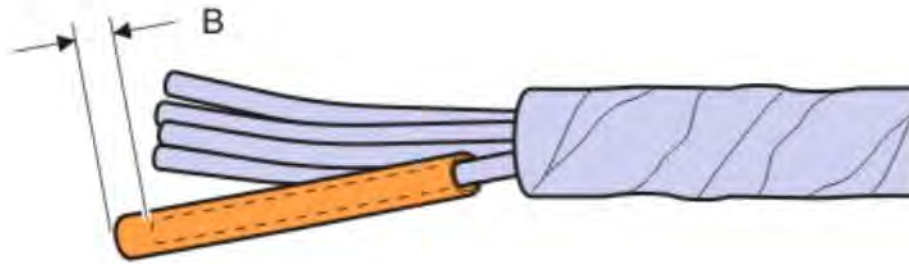
6. Cut any cable ties securing the TPMS connector.
7. Cut the five wires at the TPMS connector as shown in the figure below.



8. Remove approximately 31.7 mm (1.25 in) of harness repair tape from the wires as shown in dimension (A).

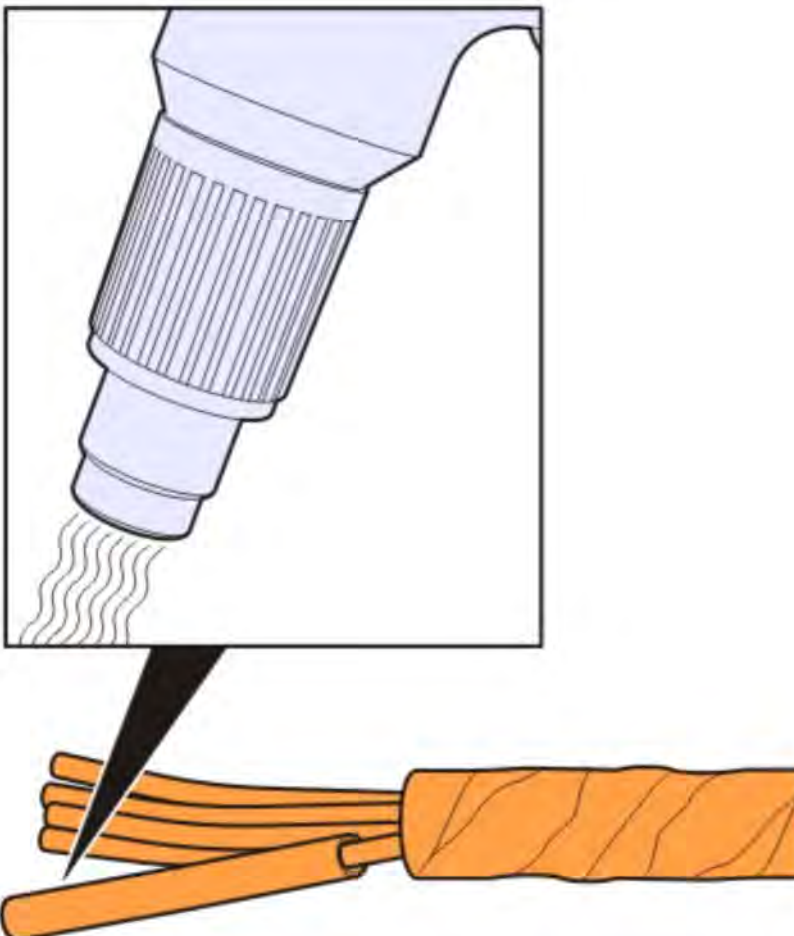


9. Position one piece heat shrink tubing over of a wire, leaving approximately 3 mm (0.1 in) past the end of the wire as shown in dimension (B).

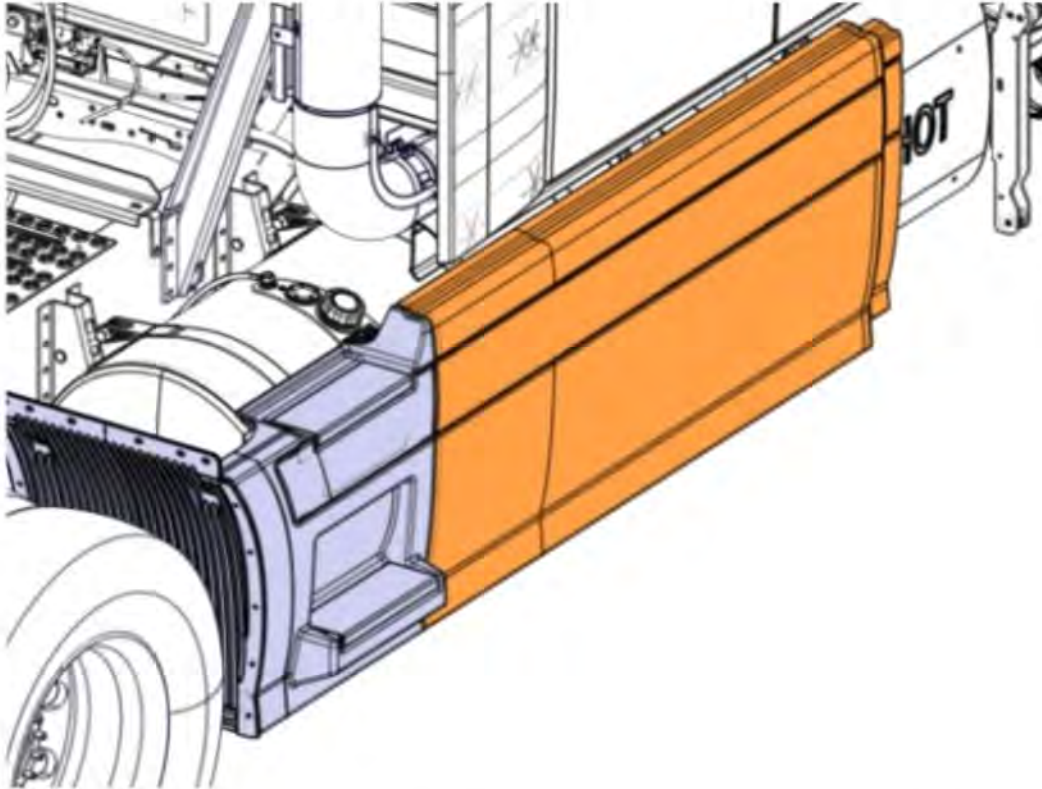


10. Using a heat gun, heat shrink the tubing as shown.

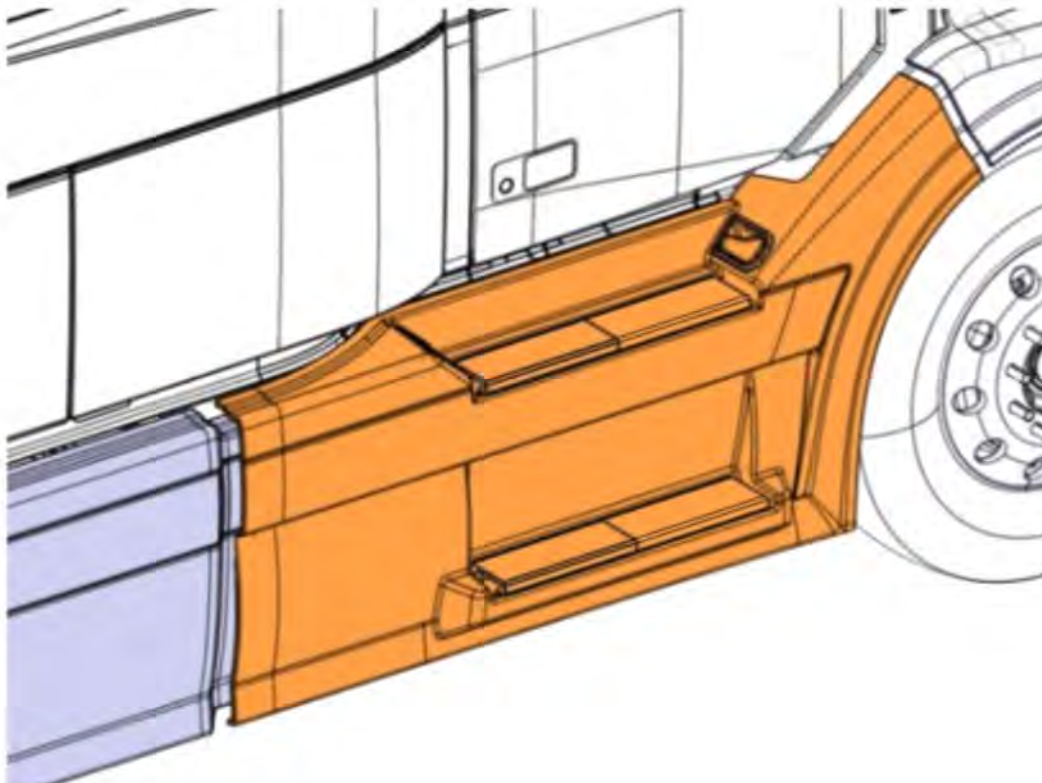
Note: Heat shrink the tubing until glue is visible at the end of the tubing.



11. Repeat steps 9 through 10 for the remaining wires.
12. Secure the five wires to the main harness with harness repair tape as needed.
13. Using cable ties secure the harness as needed.
14. If applicable, install the rear right side fairing.

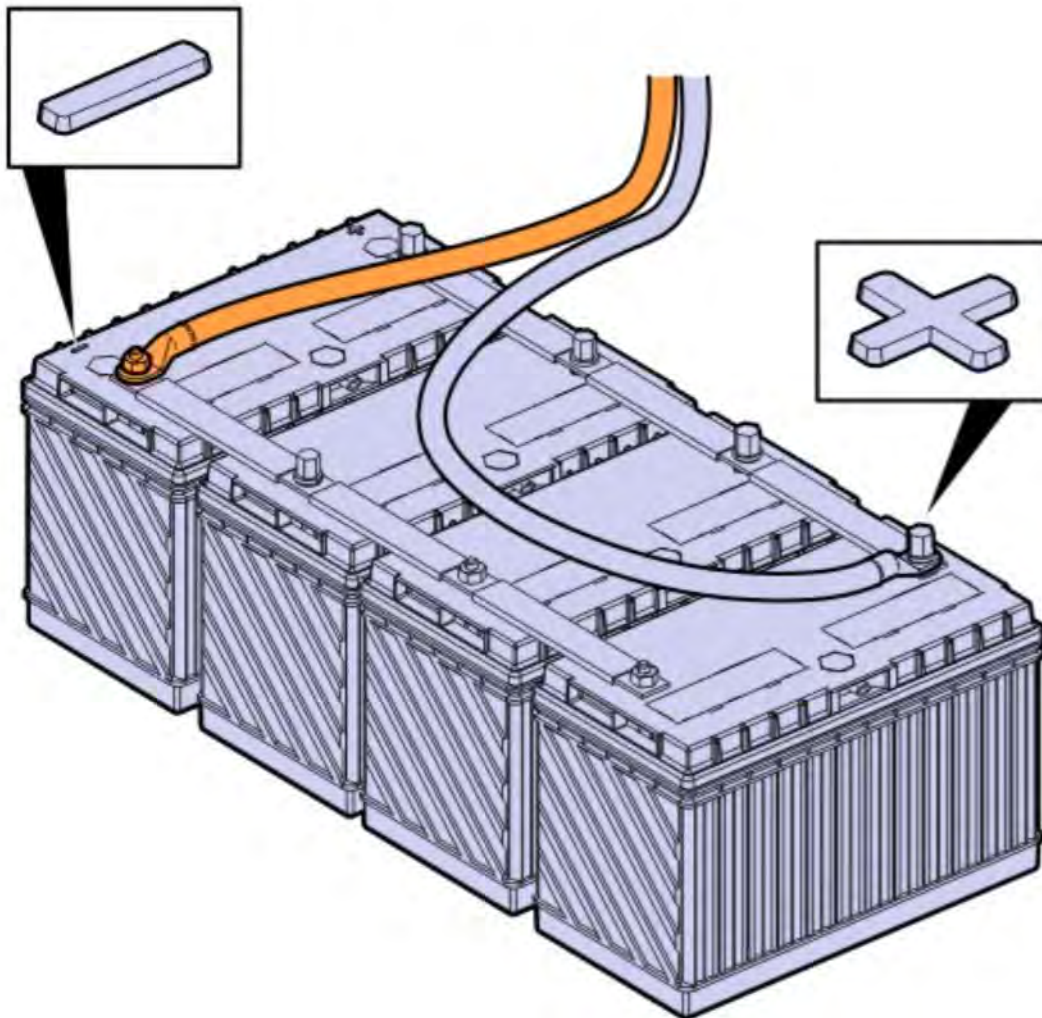


15. If applicable, install the front right side fairing and connect the cable securing the fairing.
16. If applicable, close and latch the front right side fairing.

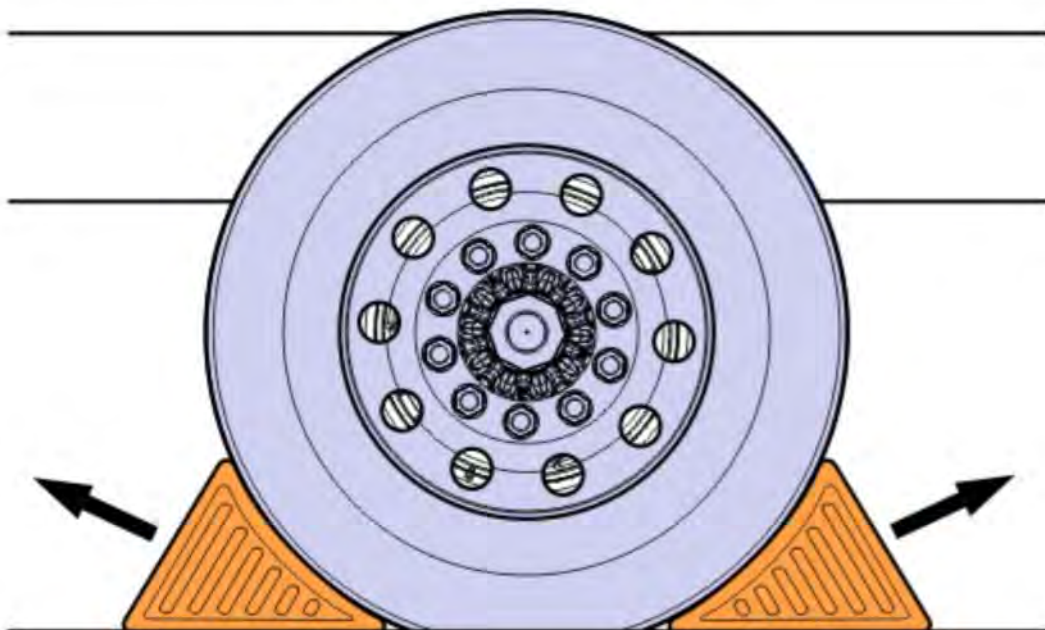


Commissioning the Truck for Operation

1. Connect the battery cable to the negative (ground) terminal.



2. Remove the wheel chocks.



Warranty information

Reimbursement

This repair may be eligible for reimbursement if a product failure was experienced within time and mileage limits of the applicable Warranty coverage. Reimbursement is obtained via the normal claim handling process.	UCHP Reimbursement
Claim Type (used only when uploading from the Dealer Bus. Sys.)	W
Labor Code	
Primary Labor Code (Tire Pressure Monitoring System (TPMS) Connector, Remove)	7761-01-09-01 0.3 hrs.
Causal Part	22017633

Issued by

Technical Service

VOLVO Trucks North America reserves the right to make any changes in design or to make additions to or upon its products without incurring any obligations to install the same on vehicles previously built.