

TPMS Module Bracket Relocation

Service Category Service

Section Function Group 776

Technician Skill Level A

Market North America

Applicability

VOLVO

Years	Models
2022-2023	VN

Introduction

Certain Volvo trucks could experience an issue with water and dirt intrusion in the Tire Pressure Monitoring System (TPMS) module connector. Follow the instructions below to move the TPMS module mounting bracket, drill a new mounting hole in the frame, and relocate the module.

Production Change Information

This bulletin applies to vehicles built within the specified production changes below.

Brand	Engine	Emission Level	Starting Build Date	Ending Build Date
Volvo	CU12-D11	EM-USA17, EM-USA21	1-March-2021	11-July-2022

Warranty Information

This repair is covered by an authorized Service Program. Reimbursement is obtained through the normal claim handling process.		
Claim Type (used only when uploading from the Dealer Bus. Sys.)		B
Main Labor Code	Description	Hours
1720-16-09-01	Campaign, General (0.1 X 12)	1.2
Causal Part	23346153	
SCC Authorization Code	S3700	
Expiration Date	September 30, 2024	

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Parts Information

Part Numbers	Part Names	Quantity
984855	Flange Bolt	2
992328	Flange nut	2

Required Tools & Equipment

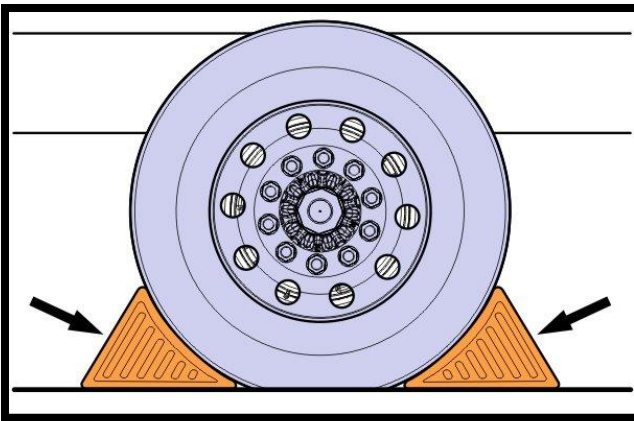
- None

Calibration Information

- None

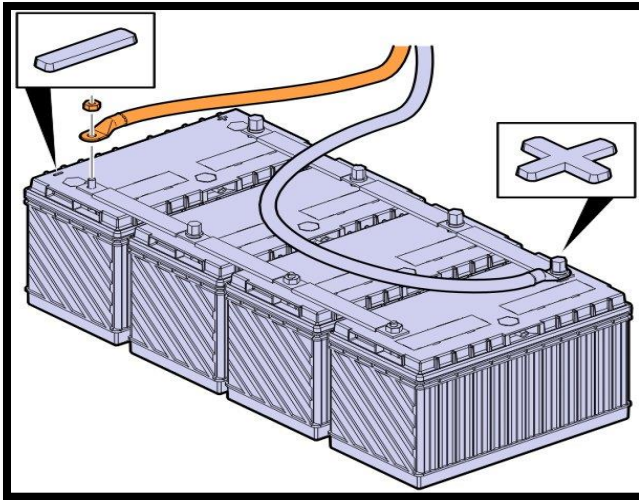
Repair Procedure

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



5. Disconnect the cable from the negative terminal.

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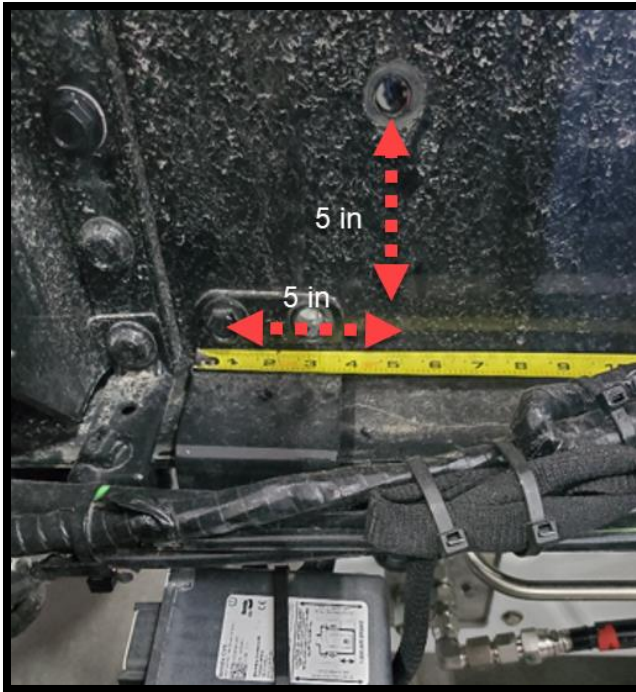
6. Disconnect the TPMS module connector.
 - a. Check the connector for corrosion.
 - b. Clean any corrosion out of the connector and install a small amount of Dielectric Grease.
7. Loosen the bolts securing the TPMS mounting bracket and remove from the truck.
8. Install the two M14 bolts that were securing the bracket back into the original frame holes and torque to spec.

Tightening Torque	
Frame Bolts	140 ± 25 (NM), (103 ± 27 ft-lb)

9. Starting from the most rearward mounting hole, measure forward 5 inches then measure up 5 inches and drill the appropriately sized hole.

Important Note!
Some frames will have this hole already drill in the new location, if the hole is not predrilled mark and drill the new hole.

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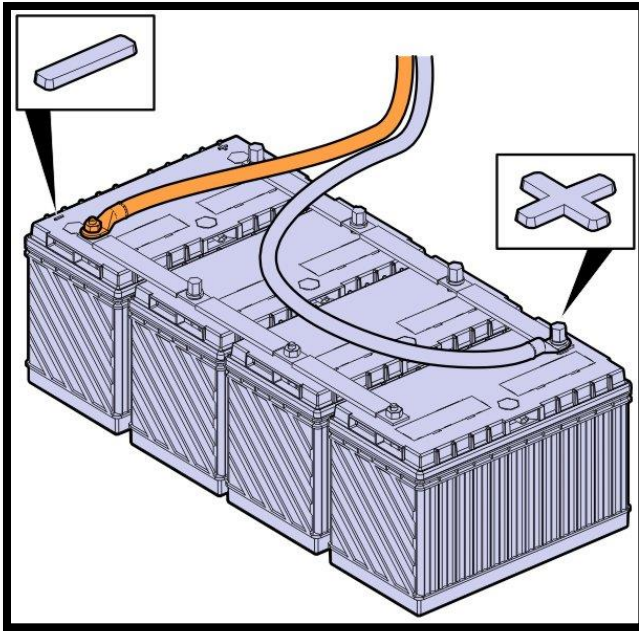


10. Use the bracket as a templet to mark and drill the second mounting hole in the frame.
11. Install the bracket in the new location using the new hardware. **984855, 992328**
12. Torque the bracket mounting hardware to spec.

Tightening Torque	
Frame Bolts	140 ± 25 (NM), (103 ± 27 ft-lb)

13. Route the harness up and plug into the TPMS module.
14. Secure the harness using cable ties.
15. Connect the battery cable to the negative terminal.

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16. Remove the wheel chocks.

