

I-Shift Air Tank Lanyard

Service Category Service

Section Function Group 563

Technician Skill Level C

Market North America

Applicability

VOLVO

Years	Models
2017 - 2025	VN

Introduction

Certain VN model trucks could experience excessive moisture build up within chassis mounted auxiliary air tank due to limited driver access to I-Shift air tank drain. To resolve this issue, a traditional drain valve with lanyard is being added to replace the petcock style air tank drain valve along with a daily reminder decal for drivers.

NOTE: This campaign is to be completed by Fleet only with limited exceptions.

Production Change Information

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

Brand	Engine	Emission Level	Starting Build Date	Ending Build Date
Volvo	11L, 13L	EM-USA14, EM-USA17, EM-USA21, EM-ZE	07-May-2014	18-June-2024

Warranty Information

This repair is covered by an authorized Service Program. Reimbursement is obtained through the normal claim handling process.		B
Main Labor Code	Description	Hours
5634-03-02-02	Air Fitting, Replacement	0.4
Causal Part	23061846	
SCC Authorization Code	S4444	
Expiration Date	April 30, 2026	

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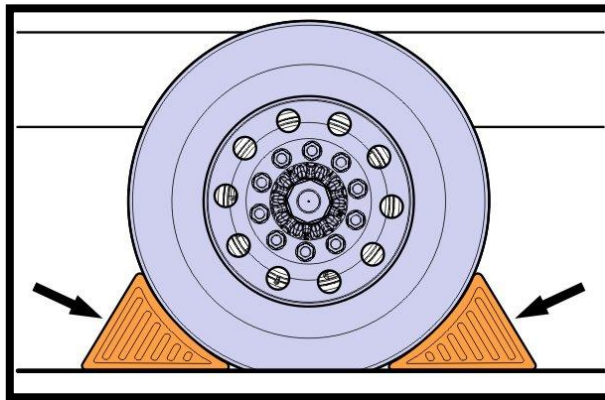
Parts Information

Order parts using the normal process.

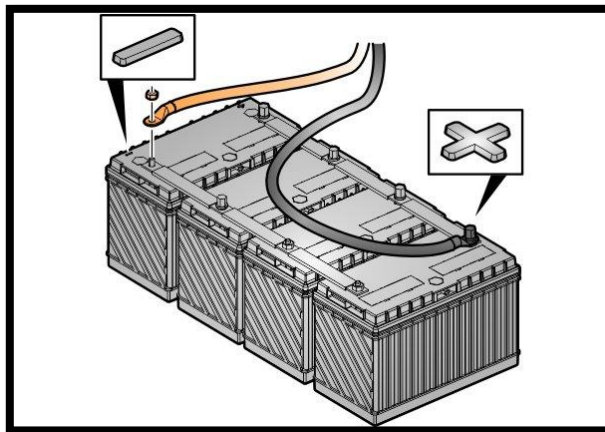
Part Numbers	Part Names	Quantity
23038240	Drain Valve, Manual with Lanyard	1
25090637	Spacer	1
25086602	Wire	1
N/A	Supplied Decal	1

Repair Procedure

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

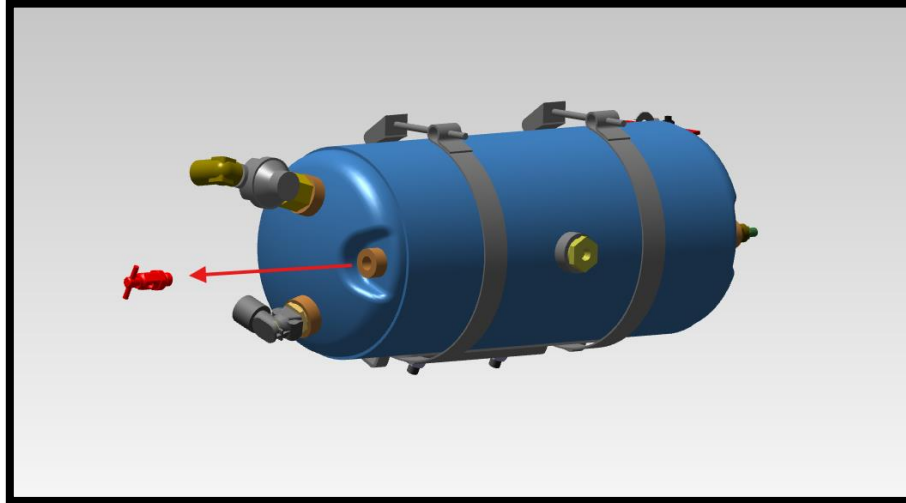


5. Disconnect the cable from the negative battery.

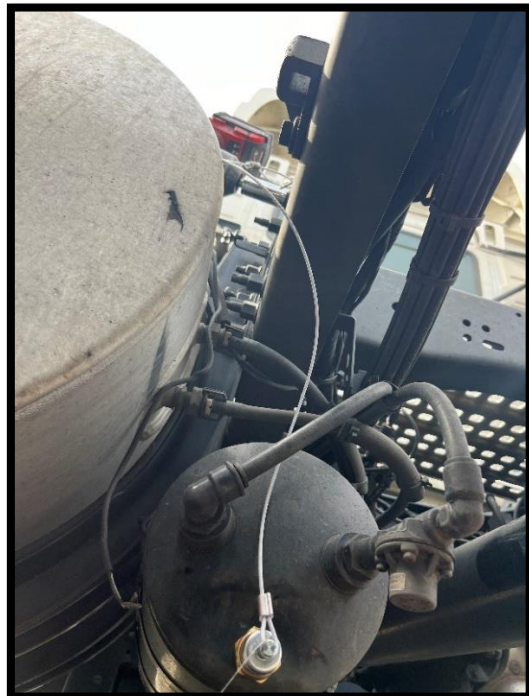


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6. Locate the auxiliary air tank mounted on the fuel tank J-bracket behind the transmission.
7. Drain air out of the tank.
8. Remove the petcock style air tank drain.



9. Install the new air drain valve (P/N 23038240) and route lanyard towards the top of frame rail.



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10. Locate an accessible existing frame bolt near the top of rail and install the spacer and wire ring. Location can vary based on build year and additional chassis components.

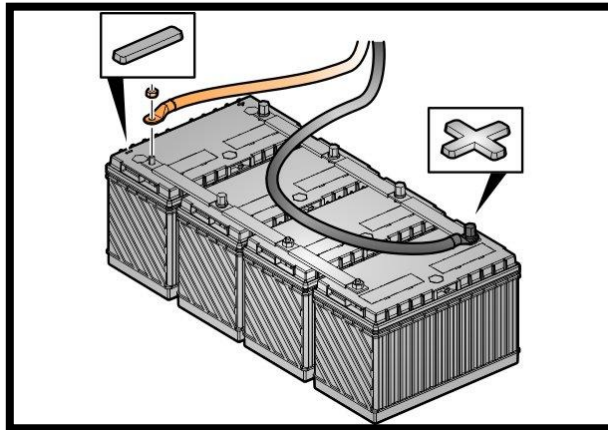


11. Route lanyard to wire ring and connect. Crimp wire ring closed.
12. Apply paint to spacer and ring to help with corrosion resistance.
13. Apply "Daily Reminder" decal to the frame.

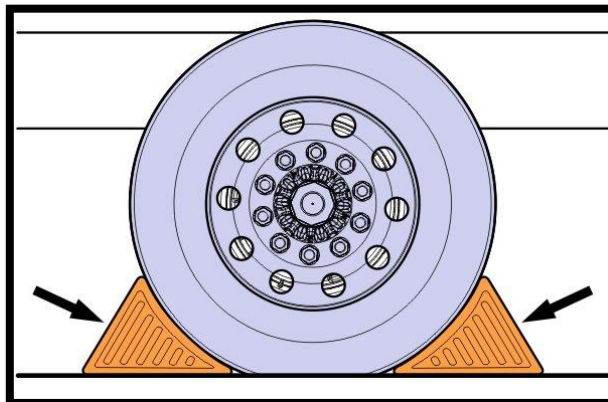


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14. Connect battery to negative terminal.



15. Start the truck and allow tank to pressurize.
16. Check for any air leaks.
17. Remove wheel chocks.



18. Release vehicle for service.