Service Campaign S3138 October 2025

VOLVO Service Campaign

Electric Motor Drive (EMD) Cable Support Brackets

Service Category Service

Section Function Group 324

Technician Skill Level A **Market North America Applicability**

VOLVO

Years	Models
2022-2024	VNRE

Introduction

Volvo Trucks has determined that certain VNRE model vehicles could experience premature Electric Motor Drive (EMD) cable fatigue. This is caused by insufficient EMD cable support. To solve this issue, Volvo trucks has developed two EMD cable support brackets that will need to be installed on all affected vehicles. Follow the install instructions below.

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	BEV	EM-ZE	7-December-2021	3-November-2023

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**
3100-09-01-04	Traction Voltage, Decommissioning	0.9
3100-09-01-03	Traction Voltage, Commissioning	1.2
1720-16-09-01	Campaign General 0.1x12	1.2
Causal Part	**24456334**	
SCC Authorization Code	**S3138**	
Expiration Date	**July 29, 2026**	

Electric Motor Drive (EMD) Cable Support Brackets

Parts Information

Part Numbers	Part Names	Quantity
24456334	Bracket, EMD Cable Clipping (Driver's)	1
24456336	Bracket, EMD Cable Clipping (Passenger's)	1
980464	Cable Tie	10
984726	Screw	4

DANGER

Risk of electrical discharge.

Damaged traction voltage cables can cause electric shocks and arcs resulting in serious burns or death.

- Check that the traction voltage cables are in good condition before any operation is carried out.
- Report to the responsible person if any damaged traction voltage cables are found.

DANGER

Risk of electrical discharge.

Incorrect handling of the traction voltage system (>60 V DC) can cause electric shocks and arcs resulting in serious burns or death.

- Decommissioning and commissioning must only be carried out by personnel with adequate certification according to **Safety regulations, electric vehicles**, in function group 30.
- The steps described in the instruction are minimum requirements.
- Always comply with the local legislation or regulations with stricter safety requirements, including but not limited to, measuring tools and personal protective equipment to be used.

DANGER

Risk of electrical discharge.

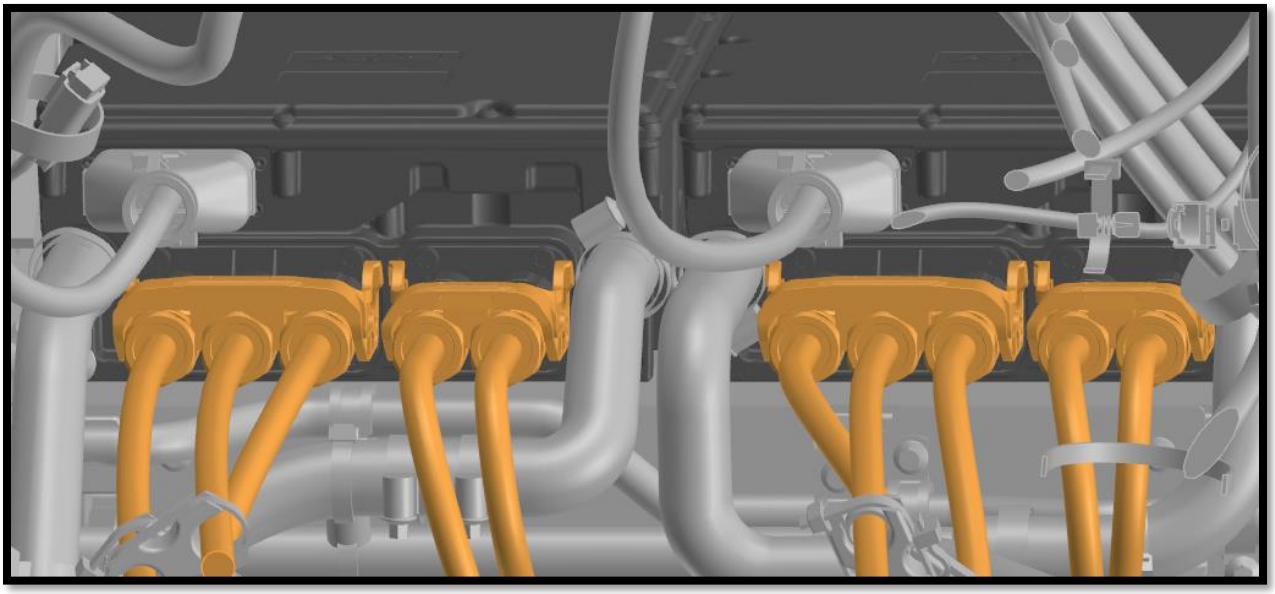
Defective gloves can result in electric shocks resulting in serious burns or death.

- Always use the gloves described in the instruction.
- Check gloves for leakage and damage before use, even if they are new.
- Ensure that gloves are completely dry before use.

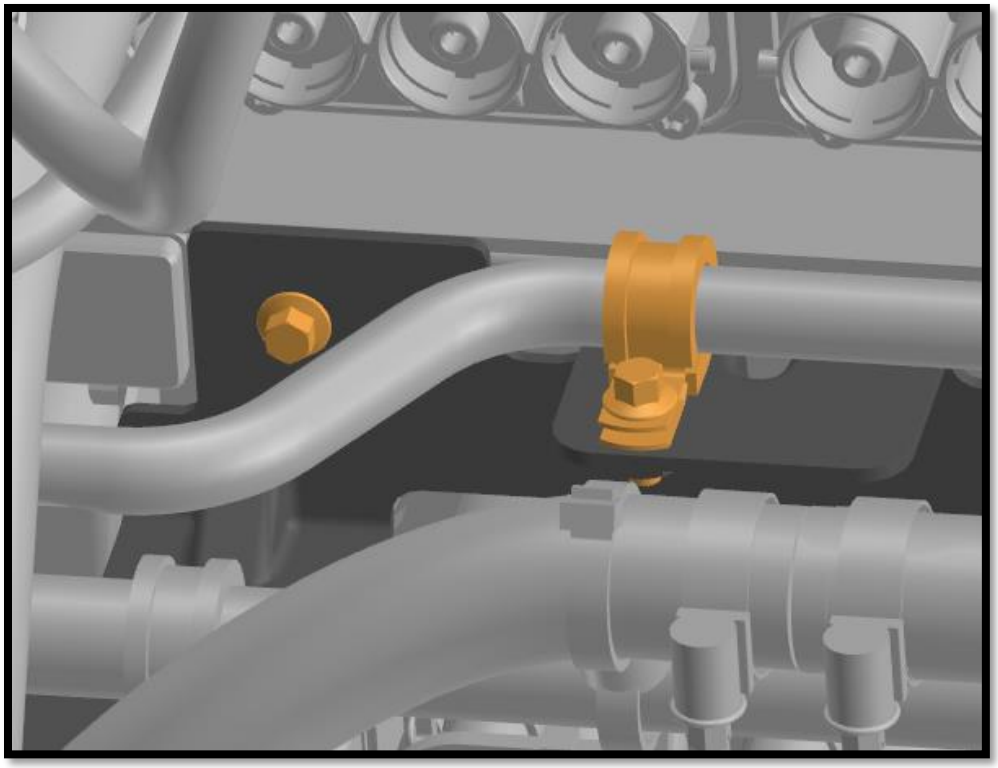
Electric Motor Drive (EMD) Cable Support Brackets

Repair Instructions

1. Follow instructions in Impact operation **3100-09-01-04 Traction Voltage system Decommissioning.**
2. Disconnect the HV connectors of from electric motor drives.

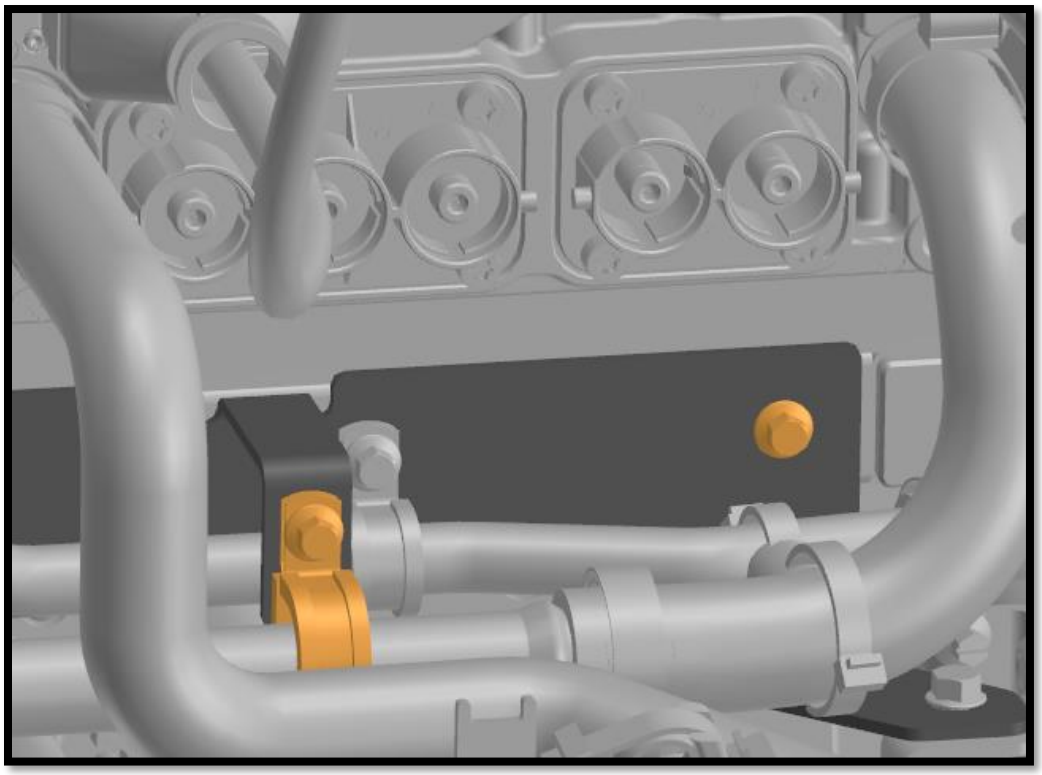


3. Drivers side EMD. Remove the screws. Move aside the clamp and hose.

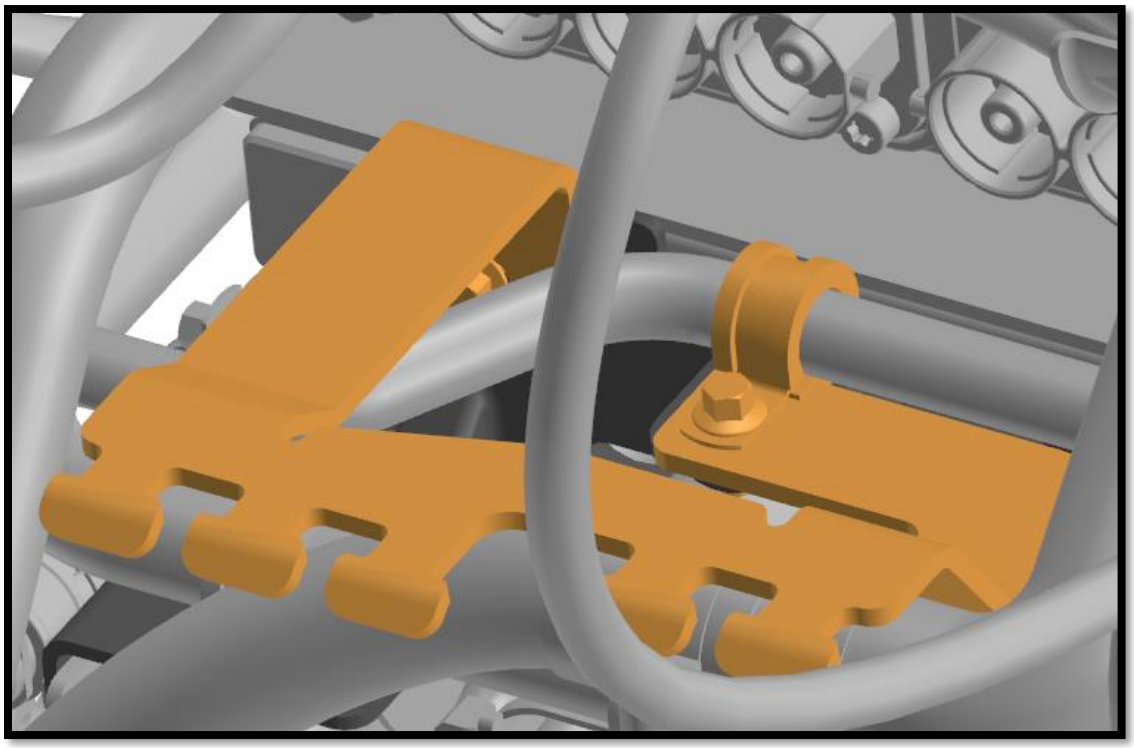


Electric Motor Drive (EMD) Cable Support Brackets

4. Passenger side EMD. Remove the screws. Move aside the clamp and hose.

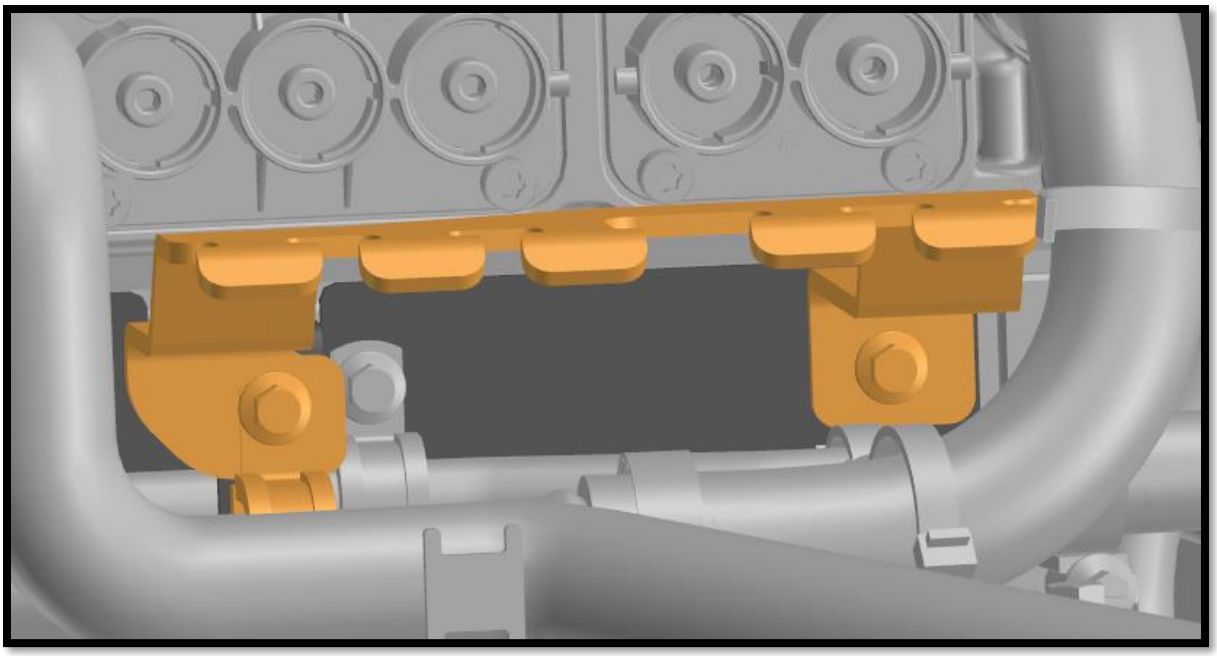


5. Drivers side EMD. Install new bracket **P/N 24456334** using new screws **P/N 984726 x2**.

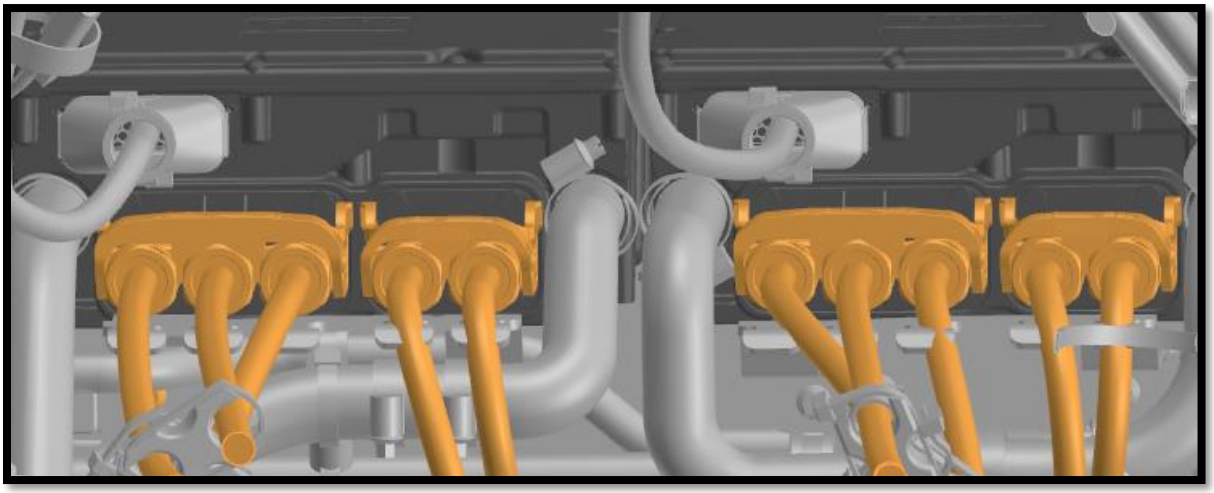


Electric Motor Drive (EMD) Cable Support Brackets

6. Passenger side EMD. Install new bracket **P/N 24456336** using new screws **P/N 984726 x2**.

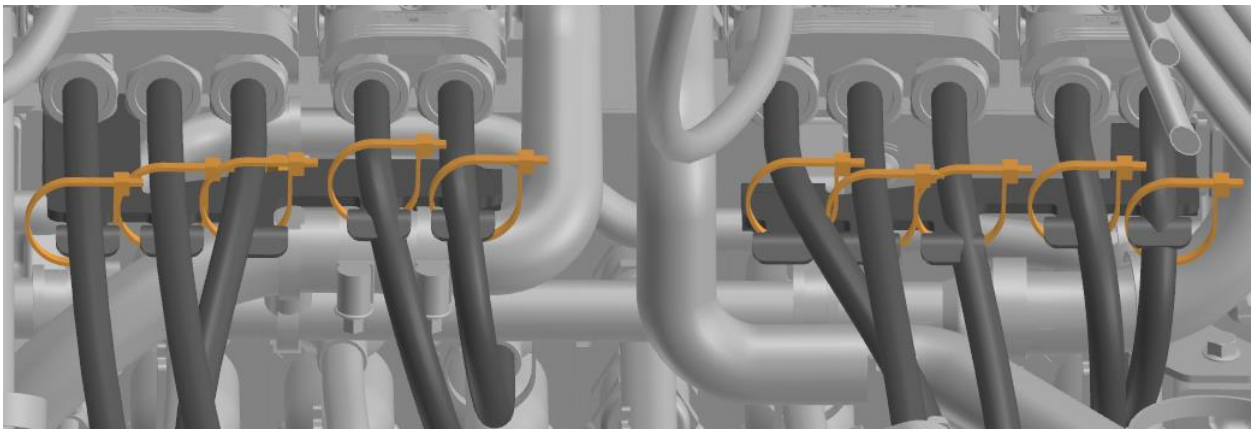


7. Connent the HV cables.



Electric Motor Drive (EMD) Cable Support Brackets

8. Install the cable ties **P/N 980464 x10**.



9. Follow instructions in Impact operation **3100-09-01-03 Traction Voltage system Commissioning.**