

Heater Relay Monitoring Accessory Kit

Service Category Service

Section Function Group 311

Technician Skill Level A

Market North America

Applicability

VOLVO

Years	Models
2021 – 2023	VNRE

Introduction

Volvo Trucks has developed a software accessory kit to improve heater relay monitoring. This improvement will enable heater relay diagnostics and fail-safe protection modes. With this update installed, drivers will be alerted when the heater system needs to be serviced and/or has a system failure.

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	31-March-2020	8-April-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
1700-22-03-11	Campaign Programming	0.3
1720-16-09-01	Campaign General x3	0.3
Causal Part	23288404	
SCC Authorization Code	S3401	
Expiration Date	July 29, 2026	

Heater Relay Monitoring Accessory Kit

Required Tools & Equipment

- Premium Tech Tool (PTT) with latest version

Calibration Information

- None

Repair Procedure

1. Secure vehicle for service.
2. Connect the latest version of Premium Tech Tool (PTT) to the Vehicle.
3. After identification is complete, navigate to the program tab within PTT.
4. Select operation 1700-22-03-06 Accessory Kit.
5. Install accessory kit P/N **85165871**.

Important Note
If you are prompted with the following message "One or more parameters cannot be written to the ECU(s). / These will be set to their default values." Please select Ignore .

6. After installing accessory kit return to the programming tab within PTT.
7. Perform DC/DC programming.
8. After programming is complete, clear any inactive DTC's left by the programming process.
9. Return the vehicle to service.

If you have questions about the programming operation with PTT 2.8 visit

<http://www.premiumtechtool.com/>