



Volvo Chassis - Diagnostic Code (DTC) B105254 Active And Unable To Be Cleared - Vehicles Manufactured On Or After 1 January 2021



Certain vehicles manufactured on or after 1 January 2021 may be found to have DTC B105254 active when codes are checked via the instrument cluster or a DTC readout is performed using Premium Tech Tool (PTT). For affected vehicles, B1052 will be present at the time the vehicle is delivered from the factory.

If B105254 is found to be active on a vehicle manufactured during the applicable date range:

At this time, no action should be taken to diagnose or repair this code.

- This has been determined to be a software issue. The code is not indicative of an existing problem and will not affect vehicle operation.
- B105254 will not illuminate the Malfunction Indicator Lamp (MIL), and the code will only be found by reviewing codes via the cluster or PTT.

This issue will be resolved by a software update which is currently in development. More information will be released as it becomes available.

For more information refer to [Service Campaign S7558](#).



Tags

[volvo](#)[b105254](#)[b1052-54](#)[vecu5](#)

Related links and attachments

[S7558 Campaign Instructions v2](#)



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Active DTC B105254 in the Driver information Display

Service Category Service Department

Section Function Group 381

Technician Skill Level A

Market North America

Applicability

VOLVO

Model Years	Models
2021 - 2022	VN, VHD

Introduction

Volvo Trucks has received reports of a nuisance DTC (B105254) being presented in the driver information display (DID). The DTC cannot be cleared with Premium Tech Tool (PTT) and has no effect on the truck's operation or function. A software enhancement has been introduced to correct the issue. This correction requires reprogramming the Instrument Cluster utilizing the latest version of PTT. Be advised, this fix will stop the DTC from illuminating the cluster lamp but will be shown active in PTT and in the diagnostics menu within the cluster. No diagnostics will be required. Future software release planned to correct the DTC.

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	D11/13 CU12/15	EOBD U21, U16	28-September-2020	25-January-2021

Warranty Information

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.		
Claim Type (used only when uploading from the Dealer Bus. Sys.)		B
Main Labor Code	Description	Hours
3810-22-03-03	MID 140 Control Unit, Programming	0.4
Causal Part	23439619	
SCC Authorization Code	S7558	
Expiration Date	February 15, 2022	

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Parts Information

Special Order Information if applicable,

Part Numbers	Part Names	Quantity
*NA		

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 1700-08-03-39 Program Electronic Control Unit.
5. Select the Information Display MID 140 option and reprogram the control unit.
6. After programming is complete, clear any inactive DTC's left by the programming process.
7. Return the vehicle to service.

*Be advised, this fix will stop the DTC from illuminating the cluster lamp but will be shown active in PTT and in the diagnostics menu within the cluster. No diagnostics will be required. Future software release planned to correct the DTC.

If you have questions about the programming operation with PTT 2.08
visit <http://www.premiumtechtool.com/>