

NON-COMPLIANCE RECALL

Volvo Trucks North America

Greensboro, NC USA

VOLVO

Date	Number	Release	Page
03.2026	EC0039	01	1(8)

EC0039 MST21 Failure to Detect P20EE VN

RECALL INFORMATION

(March 2026)

Volvo Trucks has determined that certain vehicles equipped with a model year ("MY") 2020-2021 D13 Turbo Compound (TC) engine may not meet California and Federal Regulations (CARB and EPA). On 2020MY and 2021MY 13L gen2 TC engines, the On-Board Diagnostics Systems may not be able to detect certain types of performance issues in the emissions control system (P20EE).

Volvo will reprogram the EMS in the affected vehicles with the appropriate carryback settings to resolve the issue

VEHICLES AFFECTED

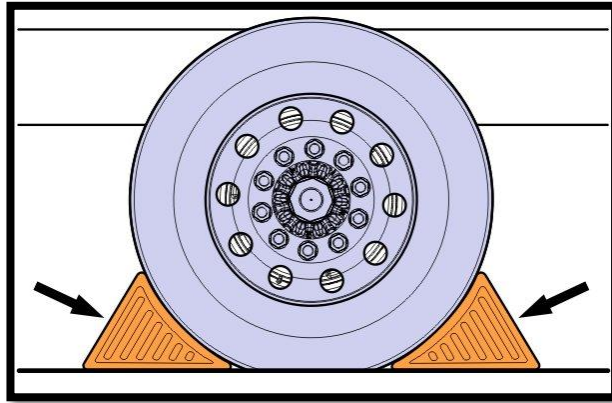
Certain Volvo vehicles manufactured between July 20, 2017, and January 7, 2022.

VEHICLE QUANTITY

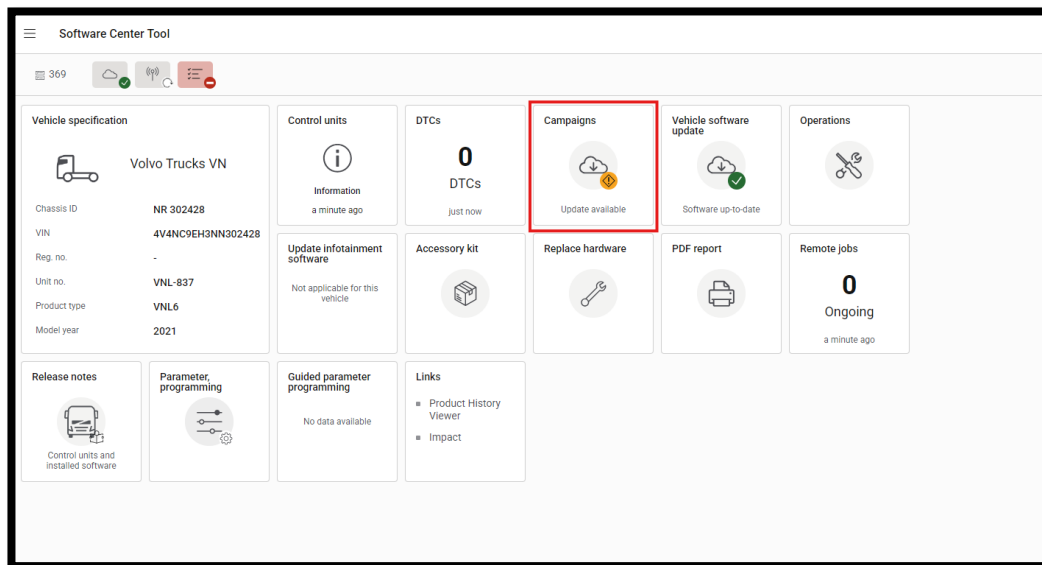
There are 3,668 vehicles affected by this recall (3,668 U.S.)

Repair Instructions Option 2 – Workshop Toolbox

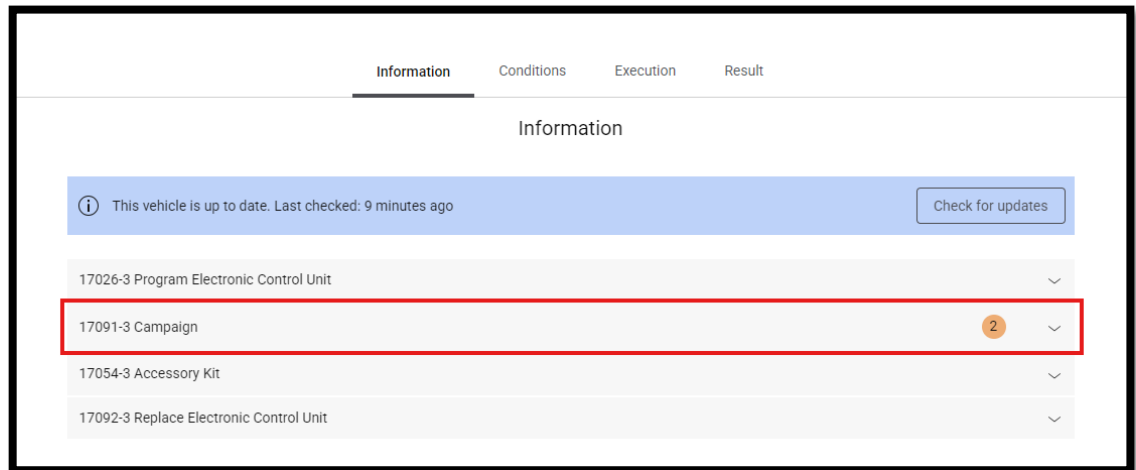
1. Secure vehicle for service.
2. Install wheel chocks.



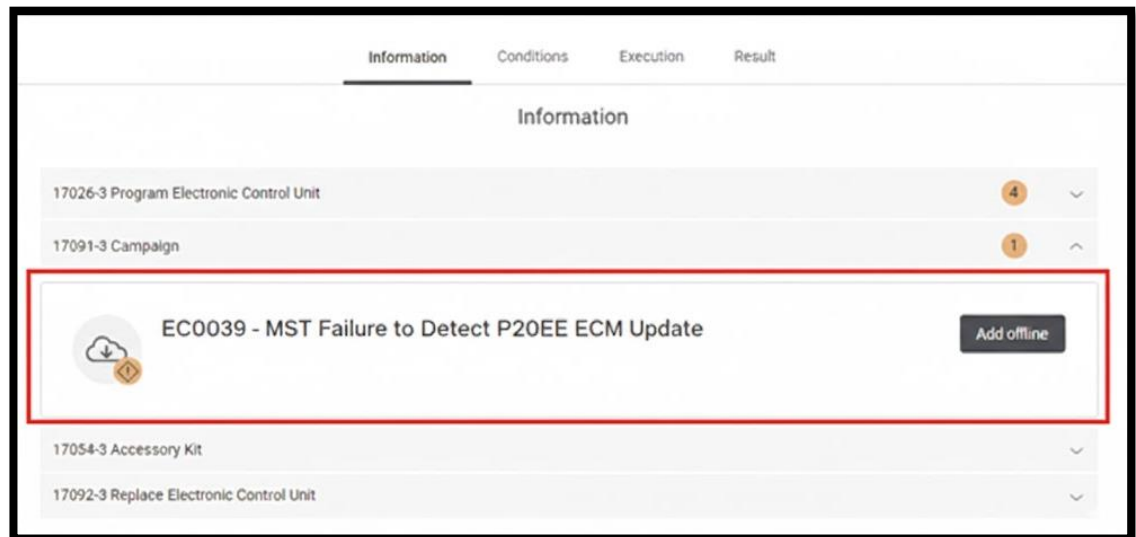
3. Turn on the ignition switch.
4. Log into workshop toolbox and connect to the vehicle. Ensure workshop toolbox is up to date.
5. Once the vehicle has been identified, enter a work order number, then click start work.
6. From the menu options, select the “campaigns” widget.



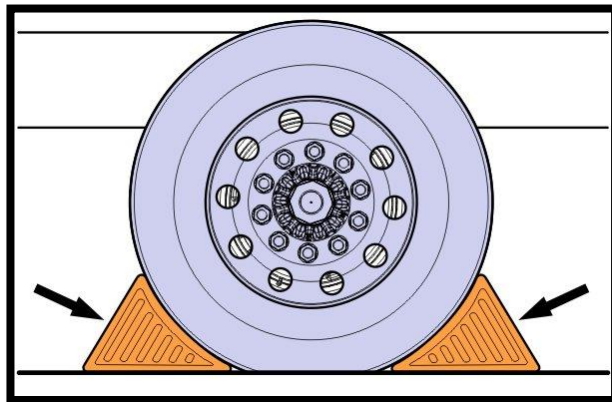
7. Select the **17091-3 Campaign** drop down.



8. Select **EC0039 – MST Failure to Detect P20EE ECM Update** and hit start.



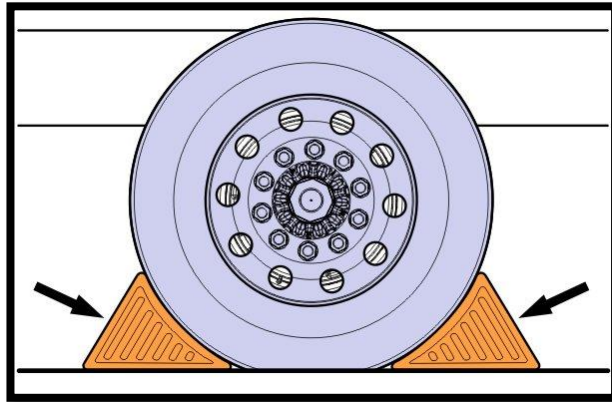
9. Follow software install instructions provided. Clear any DTC's and Finish work.
10. Install and fill out the Completion Label if needed
11. Remove the wheel chocks.



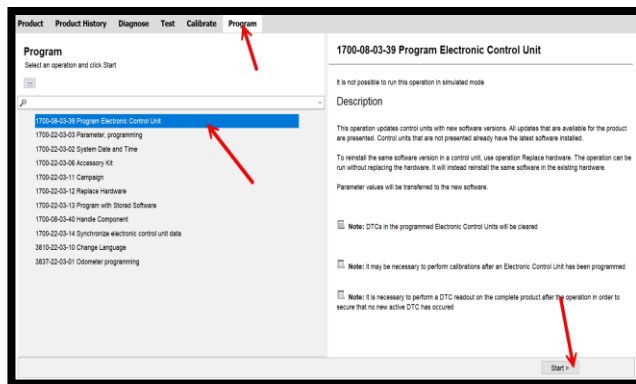
12. Release vehicle to customer.

Repair Instructions Option 3 – Premium Tech Tool

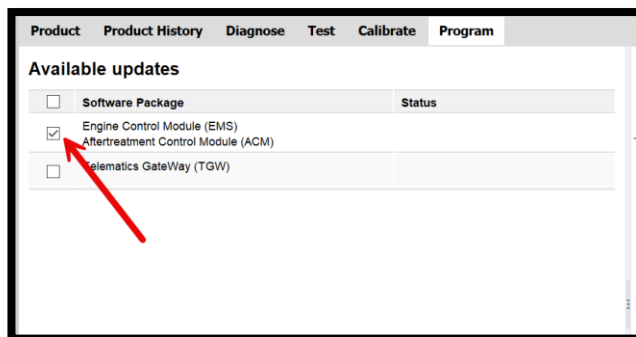
1. Park the vehicle on a level surface.
2. Apply the parking brake.
3. Place the gear lever in neutral.
4. Install wheel chocks.



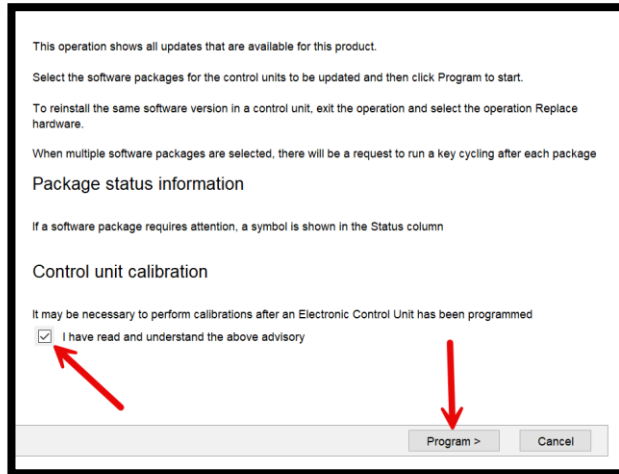
5. Turn on the ignition switch.
6. Log into PTT and connect to the vehicle.
7. Once the vehicle has been identified, enter the work order number, then click Start.
8. From the main menu select the Program tab, then select Program Electronic Control Unit 1700-08-03-39, then click Start.



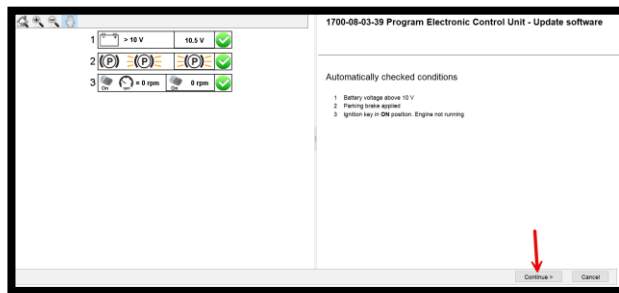
9. Select Engine Control Module (ECM) and Aftertreatment Control Module (ACM).



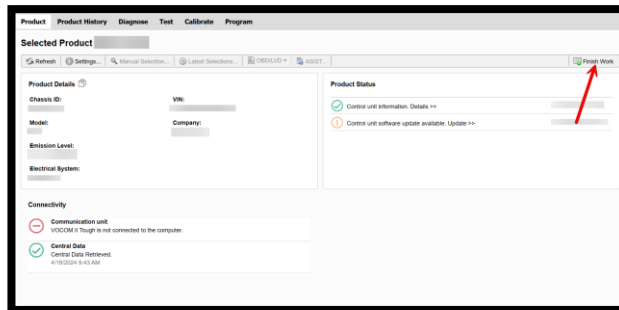
10. Check the Advisory Box, then click Program.



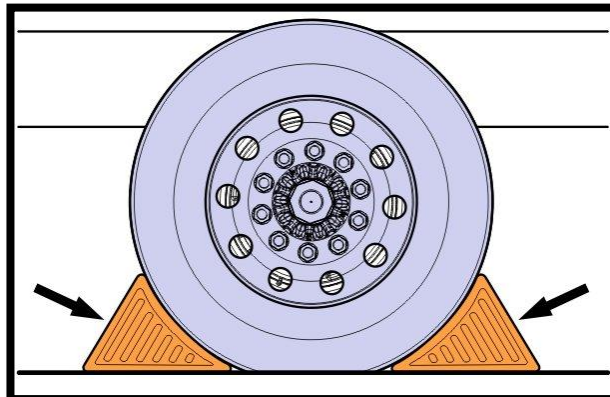
11. Certain conditions must be met to continue with the programming. Once all conditions are met, then click Continue to Start Programming.



12. After programming has completed, clear any diagnostic trouble codes (DTC) and Finish Work.



13. Install and fill out the Campaign Completion Label if needed.
14. Remove the wheel chocks.

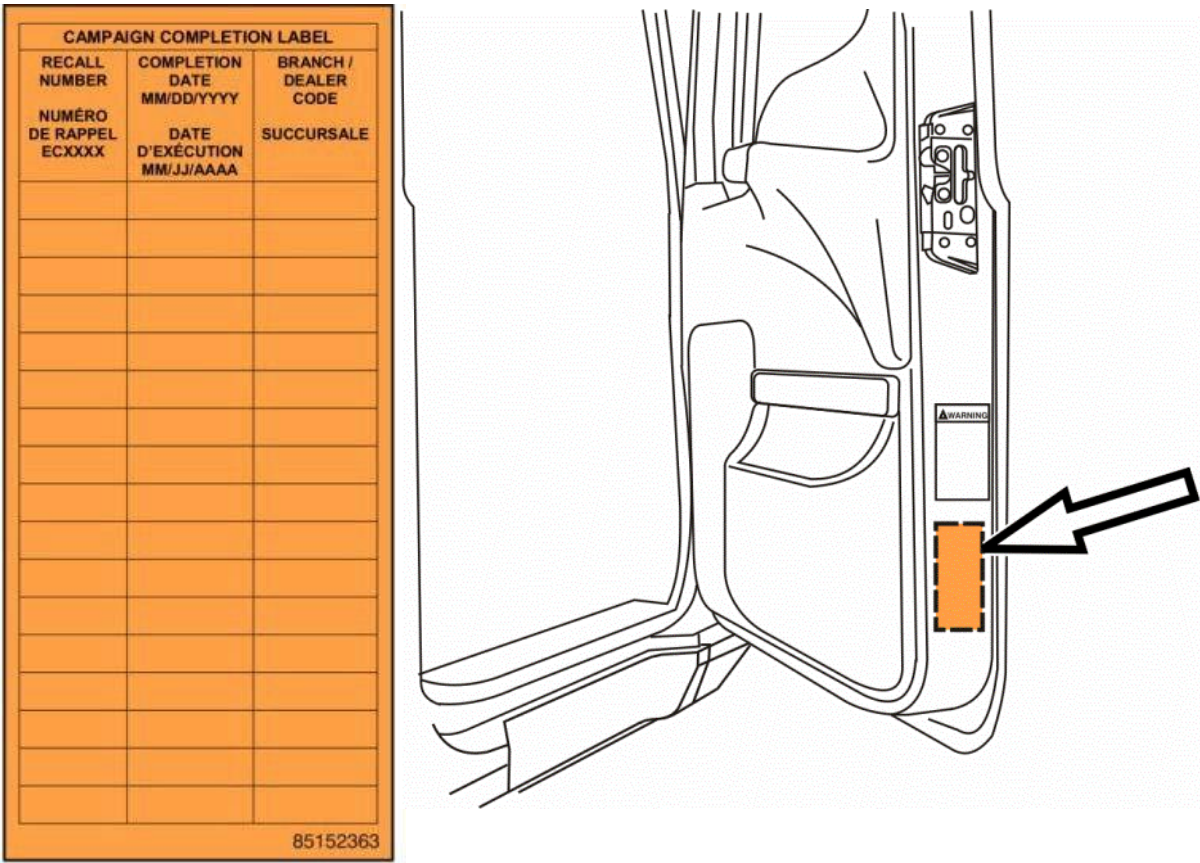


15. Release vehicle to customer.

Label & Certificate Instructions

NOTE

A campaign completion label (part number 85152363) needs to be installed on truck if not previously installed. To signify the campaign has been completed, use a permanent marker (Such as a Sharpe ®) to write the recall number, completion date (MM/DD/YYYY) and dealer code on the label. The label is to be applied to the inside of the passenger door as shown in the illustrations below.



Important Note!

If needed, print out this Emission Recall Proof of Correction Certificate. Fill in the appropriate information for your records and provide a copy to the customer.

Vehicle Emissions Recall - Proof of Correction														
License Number	Make	Year Model	Year Model	Vehicle Identification Number										
Manufacturer:		Recall Number:												
The above described vehicle has been repaired, modified to address the Emissions Related Recall that is listed above.														
Dealer's		Address, City, State												
Dealer's Authorized Signature														
X														
Return this certificate to DMV only when required - otherwise retain for your records.														

REIMBURSEMENT

This repair is covered by an authorized Non-Compliance recall. Reimbursement is obtained through the normal claim handling process.	
	UCHP Reimbursement
Claim Type (used only when uploading from the Dealer Business System)	40
Recall Status	
Vehicle repaired per instructions	1-Modified per instructions
Labor code	
2841-22-02-01 ECM and ACM, Reprogramming	0.4
Causal Part	24646961
Authorization Number	M0389

Note: Dealers are to perform Non-Compliance Recall on all subject vehicles at no charge to the vehicle owner regardless of mileage, age of vehicle or ownership (original purchaser or subsequent purchasers). Whenever vehicles are subject to a Non-Compliance Recall are brought to your dealership for service, or taken into your dealership vehicle inventory, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is sold or released to the owner.