

NON-COMPLIANCE RECALL

Mack Trucks Inc.
Greensboro, NC USA



Date	Number	Release	Page
03.2026	EC0039	01	1(8)

EC0039 MST21 Failure to Detect P20EE AN, CHU

RECALL INFORMATION

(March 2026)

Mack Trucks has determined that certain vehicles equipped with a model year (“MY”) 2020-2021 MP8 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).

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

VEHICLES AFFECTED

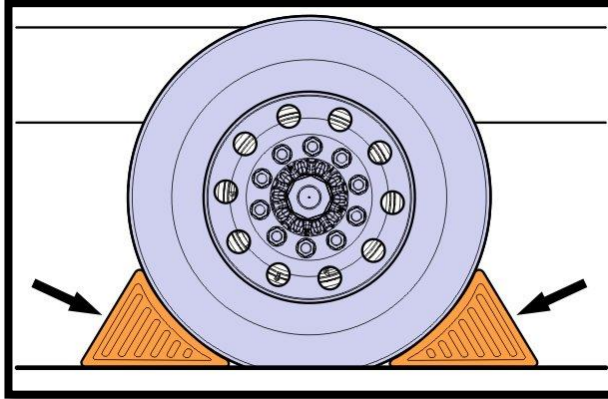
Certain Mack vehicles manufactured between December 15, 2016, and February 28, 2022.

VEHICLE QUANTITY

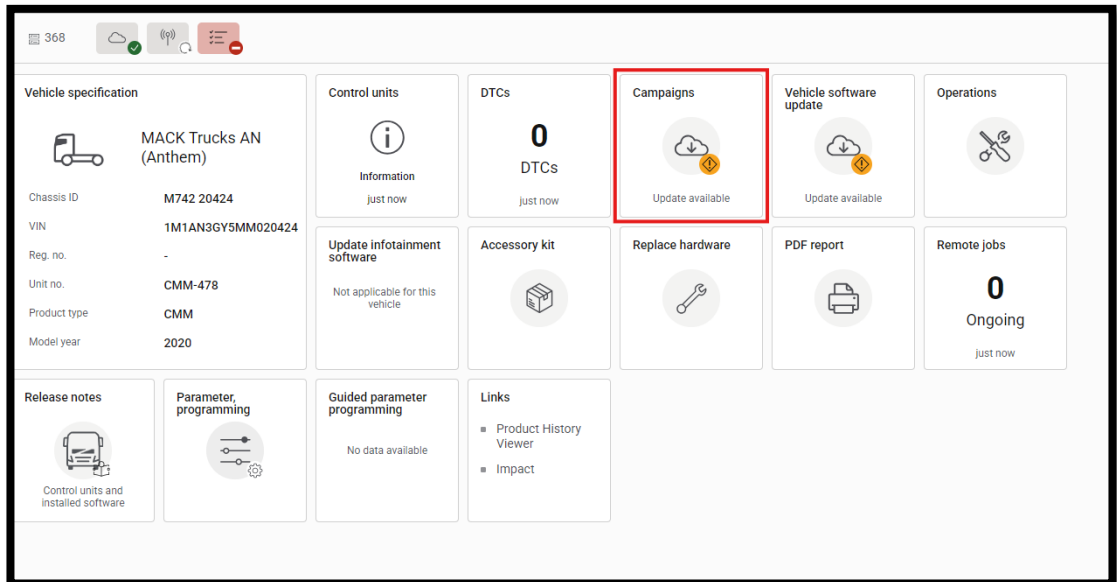
There are 426 vehicles affected by this recall (426 U.S.)

Repair Instructions Option 1 – Workshop Toolbox

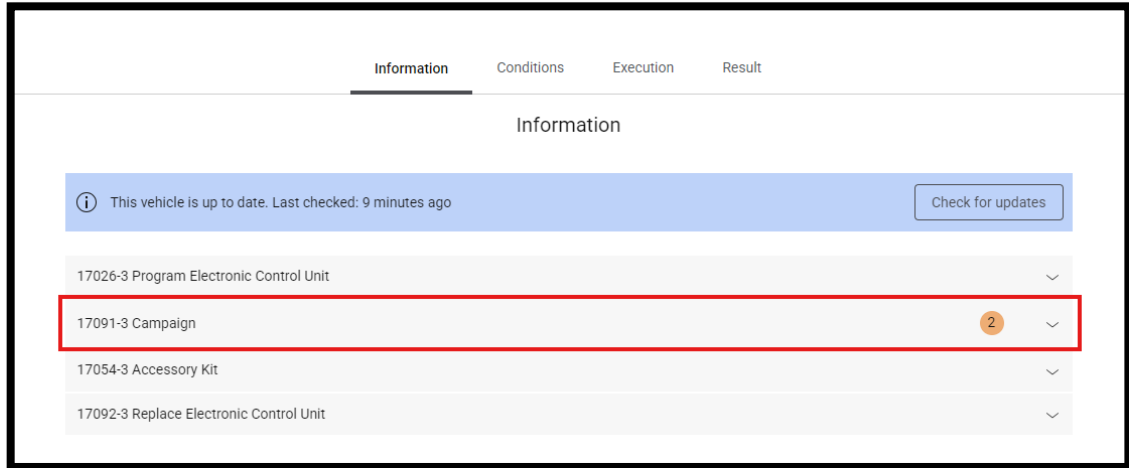
1. Secure vehicle for service
2. Install wheel chocks.



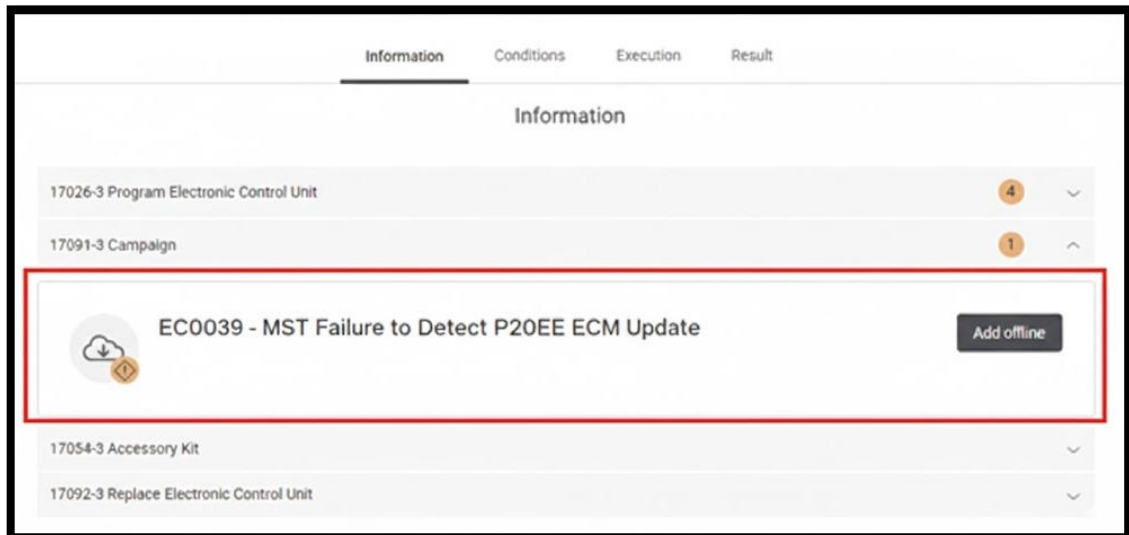
3. Turn on the ignition switch.
4. Log into workshop toolbox and connect to the vehicle. Ensure workshop toolbox is up to date.
5. Once the vehicle has been identified, enter a work order number, then click start work.
6. From the menu options, select the “campaigns” widget.



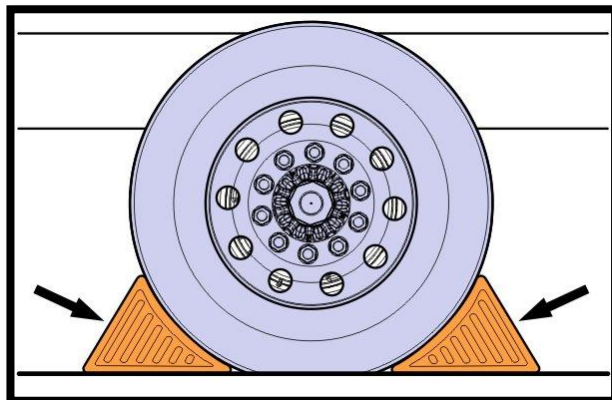
7. Select the **17091-3 Campaign** drop down.



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



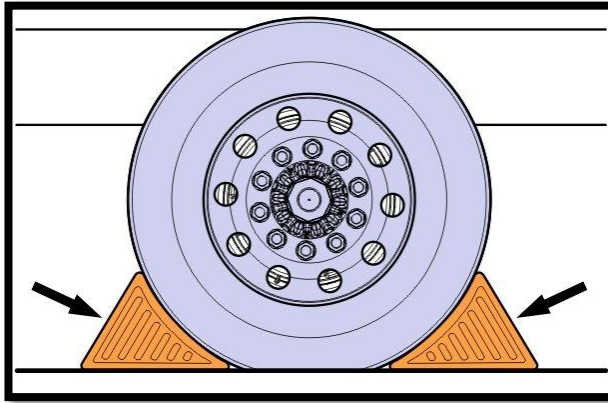
9. Follow software install instructions provided. Clear any DTC's and Finish work.
10. Install and fill out the Completion Label if needed.
11. Remove the wheel chocks.



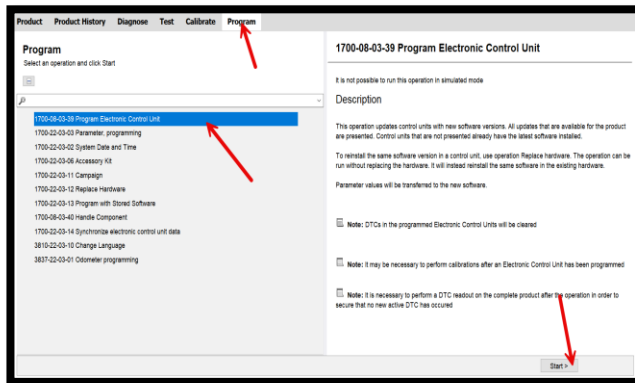
12. Release vehicle to customer.

Repair Instructions Option 2 – Premium Tech Tool

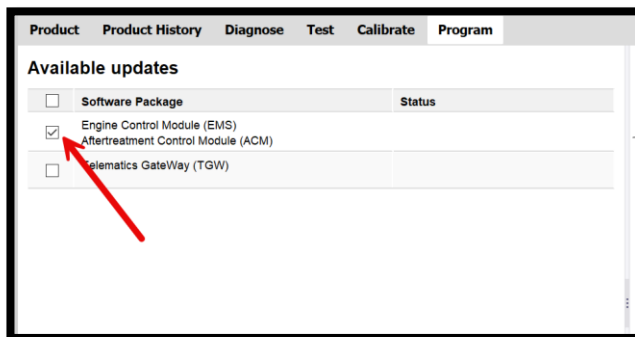
1. Park the vehicle on a level surface.
2. Apply the parking brake.
3. Place the gear lever in neutral.
4. Install wheel chocks.



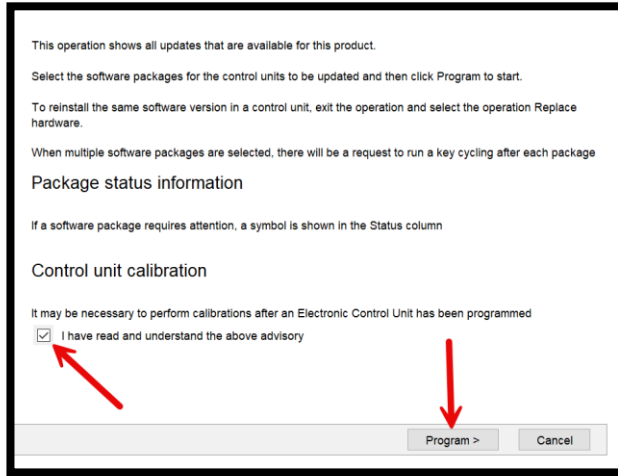
5. Turn on the ignition switch.
6. Log into PTT and connect to the vehicle.
7. Once the vehicle has been identified, enter the work order number, then click Start.
8. From the main menu select the Program tab, then select Program Electronic Control Unit 1700-08-03-39, then click Start.



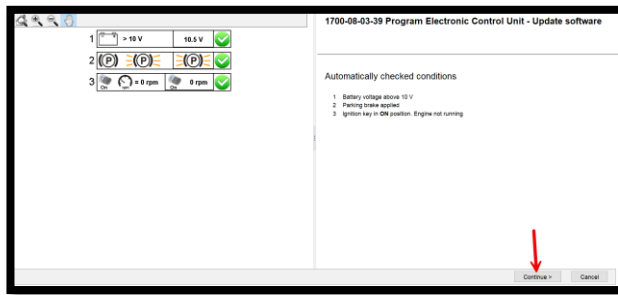
9. Select Engine Control Module (ECM) and Aftertreatment Control Module (ACM).



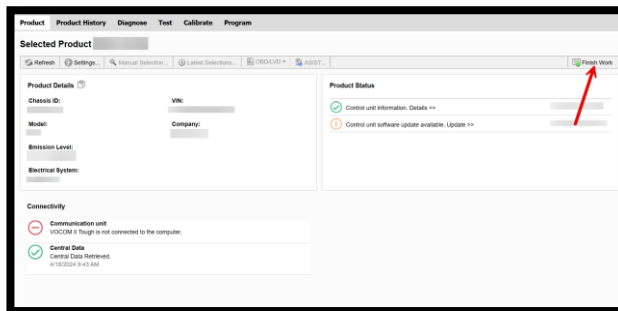
10. Check the Advisory Box, then click Program.



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

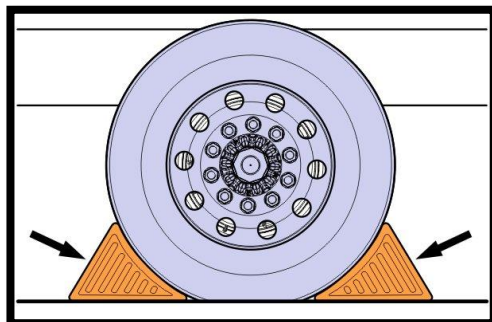


12. After programming has completed, clear any diagnostic trouble codes (DTC) and Finish Work.



13. Install and fill out the Campaign Completion Label if needed.

14. Remove the wheel chocks.



15. Release vehicle to customer.

REIMBURSEMENT

This repair is covered by an authorized Non-Compliance recall. Reimbursement is obtained through the normal claim handling process.	
	UHP 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	M0390

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.