



Solution K59752430

Thursday, May 3, 2018 10:38:23 PM CEST

NA_MACK_Vehicle_Range

NA_MACK_Vehicle_Range

LR , MRU , CHU , CXU , GU , TD

Engine family

Engine family MP7 , MP8 , MP10

Emission Standard

Emission Standard US15

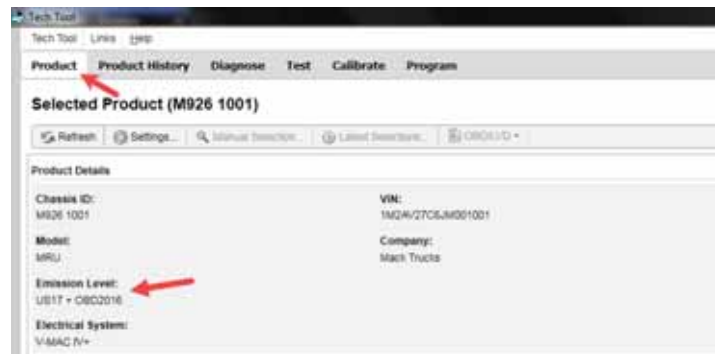
**** SOLUTION ****

Title (customer effect) Mack Chassis - Diagnostic Trouble Code (DTC) P20CF, Diagnosis And Repair - **US14 +OBD15, Commonly Model Year 2016**

Cause P20CF may log in US14+OBD15 chassis; Guided Diagnostics (GD) may result in No Fault Found (NFF).

Solution **Verify the chassis emissions level**

- Details can be found in the Product Details box on the Product tab in PTT as seen below:



Review the Detailed Status Information for the relevant code on the DTC Readout.

DTC List (2 of 8 items)		
Control Unit	DTC	Status
Brake ECU (MD 136)	SID 69: Axel load sensor, FM 2: Data erratic, intermittent, or incorrect	Active
Engine Control Module (EMS)	P229F64: NOx Sensor Gas Outlet Removed, Signal Plausibility Failure	Active
NOx Sensor Gas Outlet Removed		
Detailed status information		
Title	Value	
Confirmed DTC	True	
Pending DTC	False	
Test failed	True	
Test failed since last clear	True	
Test failed this operation cycle	True	
Test not completed since last clear	False	
Test not completed this operation cycle	False	
Warning indicator requested	False	

Once emissions level is confirmed as US14+OBD15

- Software improvements have been released to address this code. Refer to the table below:

Action Required		
ECM	Main Software	Action Required
MP7 / MP8	Equal or Less Than 22741784	Update to Latest Software
MP10	Equal or Less Than 22644017	Update to Latest Software
ACM	Main Software	Action Required
MP7 / MP8 / MP10	Equal or Less Than 22741796	Update to Latest Software

If software is current and the code is present, the code confirmed status should be verified to be True as shown above before continuing diagnosis. If the status is False and there are no related codes or symptoms, clear the code and release the vehicle.

Internal comments (BO)	FSB284-064
Solution visibility	Dealer distribution
Function(s)/component(s) affected	
Function affected	FSB , fuel supply , Fuel Dosing , 1 1 0 EMS , Diagnostic tool
Function Group	
Function Group	254 catalytic converter; exhaust emission control equipment , 258 emissions after-treatment , 284 control system, fuel supply
Customer effect	
Main customer effect	regeneration , calibration/programming/pairing/missing operation , diagnostics /methodology , efficiency/abnormal behavior , fault code/display
Fluid implicated	fuel
Lights/Messages on information display	 Driver's information warning pictogram
Fault code(s)	
OBD 2013 Diagnostic Trouble Codes	P20CF
Conditions	
Vehicle operating mode	when driving , when stationary
Frequency of occurrence of problem	random
Administration	
Author	RU4469V
Dealer ID	RU4469V

Last modified by	RU4469V
Creation date	20-04-2018 16:04
Date of last update	20-04-2018 16:04
Status	Published