



NA_VOLVO_Vehicle_Range

NA_VOLVO_Vehicle_Range VNR , VNL , VNM , VHD , VAH

Engine family

Engine family 11L Engine , 13L Engine

Emission Standard

Emission Standard 2018 , OBD2017 , US17 GHG

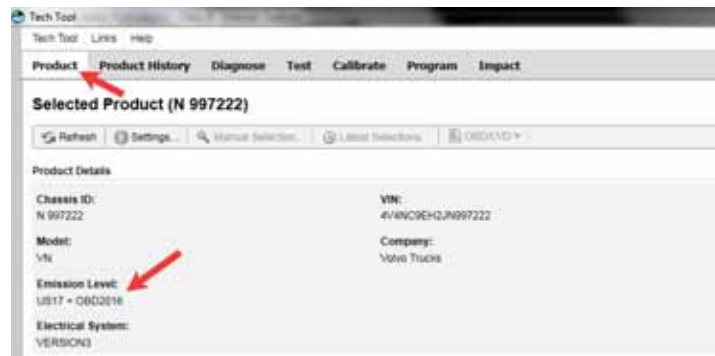
**** SOLUTION ****

Title (customer effect) Volvo Chassis - Diagnostic Trouble Code (DTC) P0420 Illuminating The Malfunction Indicator Lamp (MIL) - **US17+OBD16 And US17+OBD18 (GHG17) Emissions (Common Rail Fuel System) - Commonly Model Years 2018 And 2019**

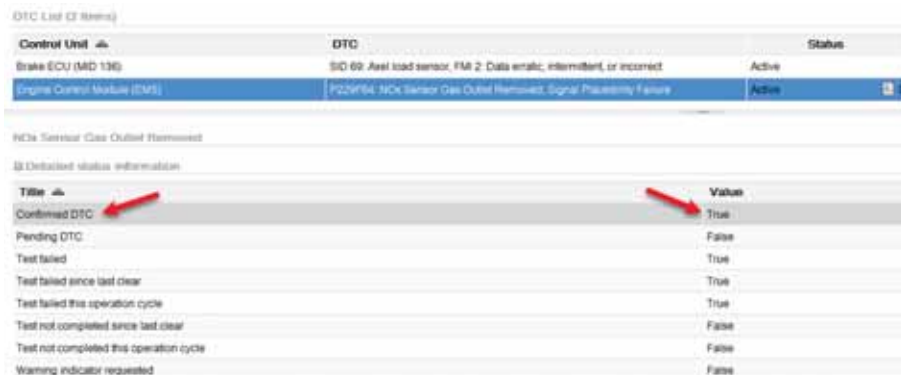
Cause US17 chassis may generate code P0420, with Guided Diagnostics (GD) determining there is No Fault Found (NFF)

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.



Once the chassis is confirmed to be US17+OBD16 or US17+OBD18:

- Software improvements have been released to address this code. Refer to [FSB 284-067 Engine Control Module \(EMS\) and Aftertreatment Control Module \(ACM\) Reprogramming](#).

- This bulletin is current as of 17 April 2018.

If software is current according to the bulletin, the code should only be diagnosed if the Confirmed Status is True, as shown above. If status is False, the code should be cleared and the vehicle released.

If other symptoms or related codes are present, normal diagnostics will need to be performed to determine the cause.

Campaign code	FSB284-067
Solution visibility	Dealer distribution
Function(s)/component(s) affected	
Function affected	FSB , DOC , DPF , 1 1 0 EMS , Diagnostic tool
Function Group	
Function Group	254 catalytic converter; exhaust emission control equipment , 258 emissions after-treatment , 28 ignition and control system
Customer effect	
Main customer effect	calibration/programming/pairing/missing operation , diagnostics/methodology , fault code/display
Fault code(s)	
OBD 2013 Diagnostic Trouble Codes	P0420
Conditions	
Frequency of occurrence of problem	random
Administration	
Author	RU4469V
Dealer ID	RU4469V
Last modified by	RU4469V
Creation date	27-02-2018 17:02
Date of last update	19-04-2018 15:04
Review date	15-08-2018 00:08
Status	Published