



NA_VOLVO_Vehicle_Range

NA_VOLVO_Vehicle_Range VNX , VNL , VNM , VHD , VAH

Engine family

Engine family 11L Engine , 13L Engine , 16L Engine

Emission Standard

Emission Standard US15

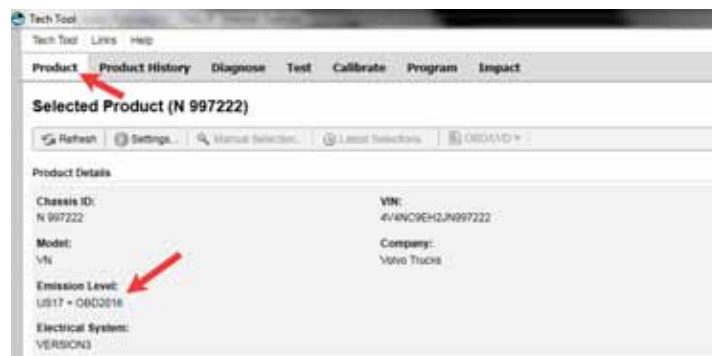
**** SOLUTION ****

Title (customer effect) Volvo Chassis - Diagnostic Trouble Code (DTC) P205B Lighting The Malfunction Indicator Lamp (MIL) - **US14+OBD15 Emissions, Common Model Year 2016 ONLY**

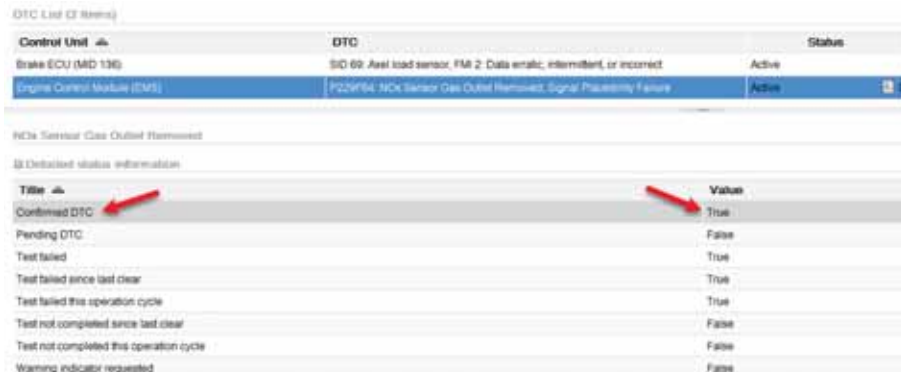
Cause US14+OBD15 Emissions vehicles may log DTC P0507

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 US14+OBD15:

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

Action Required		
ECM	Main Software	Action Required
D11/ D13	Equal or Less Than 22741776	Update to Latest Software
D16	Equal or Less Than 22644015	Update to Latest Software
ACM	Main Software	Action Required
D11/ D13 / D16	Equal or Less Than 22741796	Update to Latest Software

If software shows to be current, ensure the Confirmed DTC status is True as shown above, then proceed with diagnostics. Review and diagnose any related codes prior to replacing any parts for P205B findings.

- **If the Confirmed DTC status is FALSE**, DO NOT proceed with diagnosis. Address any other issues, clear the codes, and release the chassis.

Solution visibility

[Dealer distribution](#)

Function(s)/component(s) affected

Function affected DEF Dosing , SCR , 1 1 0 EMS , 2 1 0 ACM

Function Group

Function Group 254 catalytic converter; exhaust emission control equipment , 258 emissions after-treatment

Customer effect

Main customer effect regeneration , calibration/programming/pairing/missing operation , diagnostics /methodology , efficiency/abnormal behavior , fault code/display

Fluid problem level incorrect

Fluid implicated AdBlue

Lights/Messages on information display



Driver's information warning pictogram

Fault code(s)

OBD 2013 Diagnostic Trouble Codes P205B

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	19-04-2018 20:04
Date of last update	19-04-2018 20:04
Status	Published