



Solution

Title (customer effect) Diagnostic Trouble Code (DTC) P249C Intermittently Lighting The Malfunction Indicator Lamp (MIL) - **OBD15 And US14+OBD16 (Non-Common Rail Fuel System) Chassis**

Cause OBD15 And US14+OBD16 (Commonly Model Year 2016 and 2017) Chassis may log DTC P249C under High RPM and Light load conditions

Solution

Overview

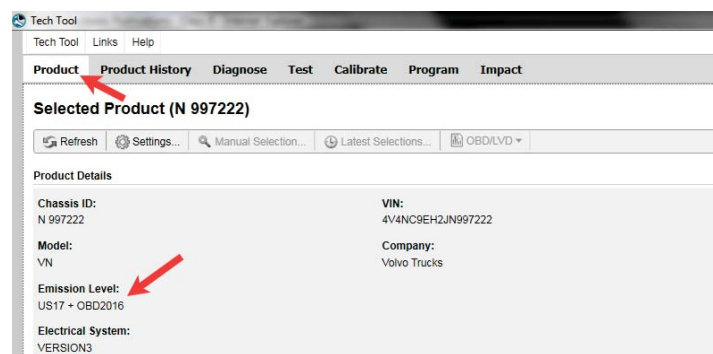
Vehicles may display the MIL and P249C - Excessive Time To Enter Closed Loop Reductant Injection Control.

The code and warning lamp will likely set when the chassis is running at high RPMs with a light load. Aside from the warning lamp there will be no effects on driveability or performance.

Repair Information

Verify the chassis emissions level

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



For OBD15 And US14+OBD16 Chassis:

- Software improvements have been released to address this code. If P249C is present and there are no other symptoms to indicate a physical issue, software should be checked and updated as necessary.

- **One or two modules can be affected by this update. Ensure the proper instructions are followed:**

- **If the chassis has had containment software loaded previously:**

- Reprogram the Engine Control Module (EMS) **ONLY**

- **If the chassis has not had software containment**

- Reprogram the following modules in the order listed.
 1. Engine Control Module (EMS)
 2. Aftertreatment Control Module (ACM)

- If the chassis returns for frequent recurrence of the code following the software update, normal Guided Diagnostic procedures will need to be followed.

Solution visibility [Dealer distribution](#)

Function(s)/component(s) affected

Function affected Documentation , TT , engine , 1 1 0 EMS , EECU , Diagnostic tool

Function Group

Function Group 2841 Electronic Control Unit , 381 combined instrument

Customer effect

Main customer effect calibration/programming/pairing/missing operation , diagnostics/methodology , fault code/display

Fault code(s)

OBD 2013 Diagnostic Trouble Codes POWERTRAIN , P249C

Conditions

Vehicle operating mode when driving , when stationary

Administration

Author A241298

Last modified by RU4469V

Creation date 16-01-2017 18:01

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Status Published

NA_MACK_Vehicle_Range

NA_MACK_Vehicle_Range Conventional , CHU , CXU , GU , TD

NA_VOLVO_Vehicle_Range

NA_VOLVO_Vehicle_Range Conventional , VNX , VNL , VNM , VHD , VAH

Engine family

Engine family Volvo , 11L Engine , 13L Engine , 16L Engine , Mack , MP7 , MP8 , MP10

Emission Standard

Emission Standard US16 , US15
