



NA_MACK_Vehicle_Range

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LR , LEU , MRU , CHU , CXU , GU , TD

Engine family

Engine family MP7 , MP8 , MP10

Emission Standard

Emission Standard US16 , US15

**** SOLUTION ****

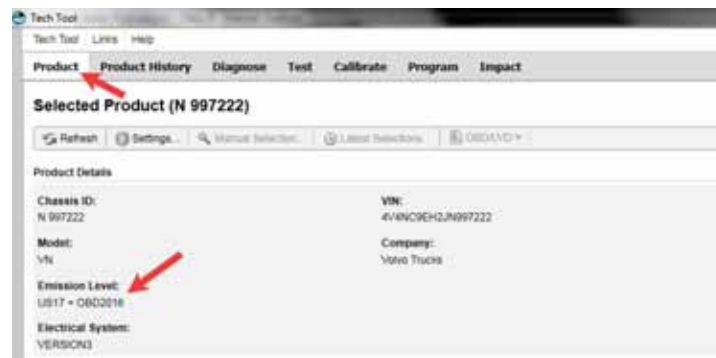
Title (customer effect) Mack Chassis - Diagnostic Trouble Code (DTC) P05EB, Diagnostic And Repair Information - **US14+OBD15 And US14+OBD16 (Commonly Model Years 2016 And 2017)**

Cause US14+OBD15 And US14+OBD16 (Commonly Model Years 2016 And 2017) vehicles may present with code P05EB present on a DTC readout.

Solution **DO NOT replace any components for this code unless diagnostic steps in this article reveal that a specific component is the issue.**

- Verify the chassis emissions level and ensure that the vehicle is within the applicable range for this solution.

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



- Check the Engine Control Module (EMS) Software and verify it is current. The Main Software (MSW) Part Number should be equal to or greater than the numbers below:

		Main Software Number
MP7, MP8, MP10	US14+OBD15	23167879
	US14+OBD16	23169815

- **If the software is not current**, software should be updated and the vehicle released unless there are additional symptoms or P05EB returns after the software is updated.

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



- If Confirmed DTC is **TRUE**: Proceed with Guided Diagnostics
- If Confirmed DTC is **FALSE**: Disregard and focus on other symptoms or DTCs relevant to the complaint.

- **If the Code Status is FALSE and there are no other codes accompanying P05EB**, clear the code and release the vehicle.

- **If the code returns with current software, has high counts, or has made multiple dealer visits for this code and diagnostics always lead to no fault found**, open an eService case. Provide this solution number in the Description.

Internal comments (BO)

NOTE TO DTS: Please contact product specialists for cases near Hagerstown area for quick visit on cases where repeat failure is observed.

Solution visibility

[Dealer distribution](#)

Function(s)/component(s) affected

Function affected

exhaust , 1 1 0 EMS , 2 1 0 ACM , Diagnostic tool

Function Group

Function Group

254 catalytic converter; exhaust emission control equipment , 258 emissions after-treatment , 2841 Electronic Control Unit

Customer effect

Main customer effect

regeneration , diagnostics/methodology , efficiency/abnormal behavior , fault code /display

Lights/Messages on
information display



Driver's information warning pictogram

Fault code(s)

OBD 2013 Diagnostic Trouble Codes	P05EB
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Conditions

Vehicle operating mode	when driving , when stationary
Frequency of occurrence of problem	random

Administration

Author	RU4469V
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Dealer ID	RU4469V
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Last modified by	RU4469V
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Creation date	11-04-2018 21:04
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Date of last update	11-04-2018 21:04
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NA_Reviewer	Nataraj Bhat
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