



Volvo Chassis - Diagnostic Trouble Code (DTC) P05EB, Diagnostic And Repair Information - US14+OBD15 And US14+OBD16 (Commonly Model Years 2016 And 2017)

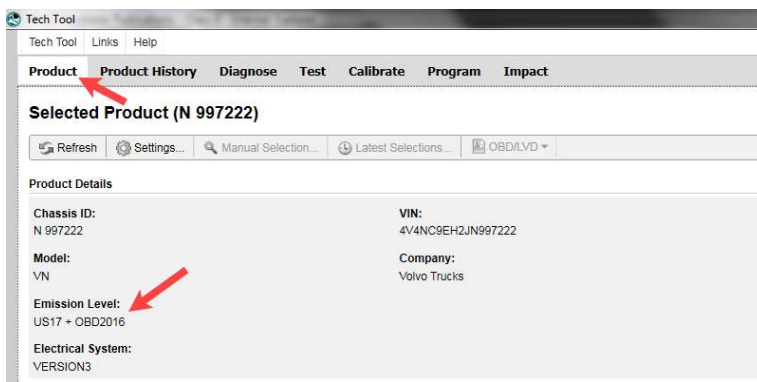


> Internal Content

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
D11, D13, D16	US14+OBD15	23167877
	US14+OBD16	23169815

- **If the software is not current**, software should be updated and 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.

DTC List (2 Items)

Control Unit	DTC	Status
Brake ECU (MID 136)	SID 69: Axel load sensor, FMI 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

- 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.



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