



## Volvo Models

**Volvo Model** VNX , VNL , VNM , VHD , VAH

## Engine family

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

## Emission Standard

Emission Standard US16 , US15

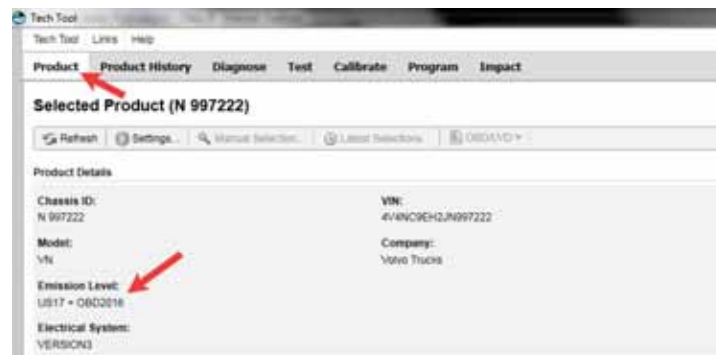
\*\* SOLUTION \*\*

**Title** Volvo Chassis - Diagnostic Trouble Code ( DTC ) P249C Intermittently Lighting The Malfunction Indicator Lamp ( MIL ) - **US14+OBD15 And US14+OBD16 (Non-Common Rail Fuel System) Emissions, Common Model Years 2016 and 2017**

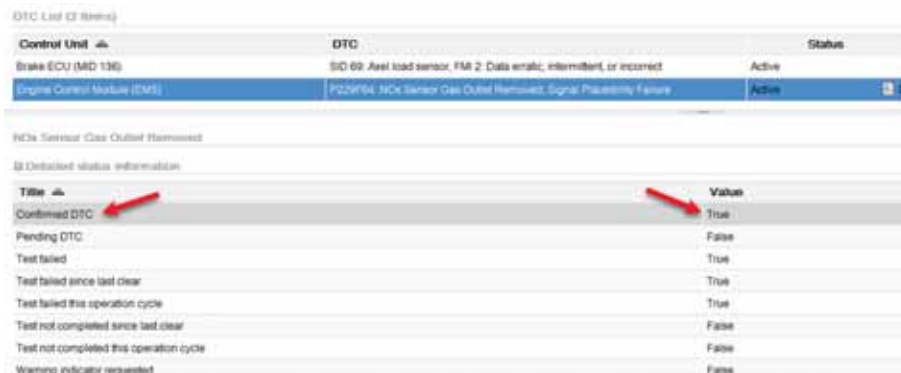
**Cause** US14+OBD15 And US14+OBD16 vehicles may log DTC P249C under High RPM and Light load conditions. Aside from the warning lamp there will be no effects on driveability or performance.

**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.**



Software improvements have been released for both emissions levels to address this DTC. Field Service Bulletins with information and instructions have been published for each emissions level. Both FSBs can be found under the Service tab in [Impact, Function Group 284](#). The articles can also be searched for by Title. Refer to the chart below for the correct bulletin information:

Emissions Level (Model Year)	Field Service Bulletin
US14+OBD15 (2016)	FSB 284-064 Engine Control Module (ECM) and Aftertreatment Control Module (ACM), Reprogramming
US14+OBD16 (2017)	FSB 284-065 Engine Control Module (ECM) and Aftertreatment Control Module (ACM), Reprogramming

If the Bulletin does not appear when searched with either VIN or Chassis information entered, search by model:

1. Clear any chassis information from the Search box.
2. Select or enter the applicable model.

The screenshot shows a search interface with several input fields. A red arrow points to the 'VIN' field, which is currently empty. Other fields include 'Chassis info', 'Chassis No.', 'Function group', and a search button.

3. Make sure Title is selected in the Search By field. Enter the correct Bulletin title in the text entry field.

The screenshot shows the search interface with the 'Search by:' dropdown menu set to 'Titles'. A red arrow points to this dropdown. Below it, the text entry field contains 'FSB 284-065', also indicated by a red arrow. There is also an 'Additional search values' dropdown at the top.

4. Press the Search button. The operation will appear in the results window.

Grp	Title	Info type	ID/Operation
284	FSB 284-065, Engine Control Module (ECM) and Aftertreatment Control Module (ACM), Reprogramming	Repair	2014-02-09-17

5. Select the correct vehicle configuration from the list that appears as shown below:



**If software is found to be current**, diagnosis should only proceed if the Confirmed DTC status for P249C is True as shown above. If the status is False, other symptoms or fault codes should be diagnosed and the codes cleared when complete.

**If any other symptoms or related codes are present**, they should be diagnosed prior to beginning steps for P249C.

NA_Sister solutions	<a href="#">18304613</a>
Campaign code	FSB284-064, FSB284-065
Solution visibility	Dealer distribution
<b>Function(s)/component(s) affected</b>	
Function affected	FSB , exhaust , 1 1 0 EMS , Diagnostic tool
<b>Function Group</b>	
Function Group	254 catalytic converter; exhaust emission control equipment , 258 emissions after-treatment , 284 control system, fuel supply
<b>Customer effect</b>	
Main customer effect	regeneration , diagnostics/methodology , efficiency/abnormal behavior , fault code /display
<b>Fault code(s)</b>	
OBD 2013 Diagnostic Trouble Codes	P249C
<b>Conditions</b>	
Vehicle operating mode	when driving , when stationary
Frequency of occurrence of problem	random
<b>Administration</b>	
Author	A241298
Last modified by	RU4469V
Creation date	16-01-2017 18:01
Date of last update	19-06-2018 17:06

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Status Published

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