



Volvo Models

Volvo Model VNX , VNL , VNM , VHD , VAH

Engine family

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

Emission Standard

Emission Standard US15 , US14 GHG

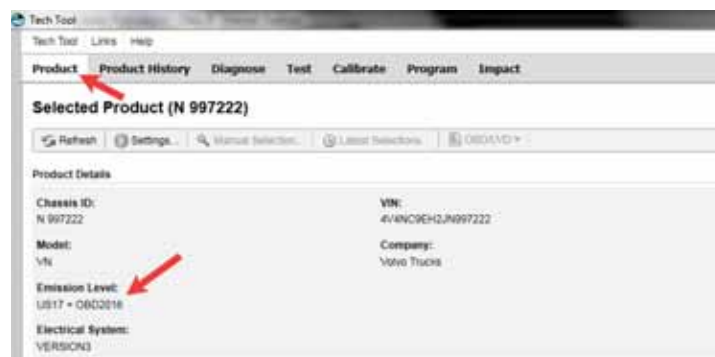
**** SOLUTION ****

Title Volvo Chassis - Diagnostic Trouble Code (DTC) P2002 Illuminating the Malfunction Indicator Lamp (MIL) - **US14+OBD13 And US14+OBD15 Emissions, Common Model Years 2015 and 2016**

Cause Diagnostic Trouble Code (DTC) P2002 may generate in US14+OBD13 and US14+OBD15 vehicles. It is possible that the code is generated due to a software issue, resulting in diagnosis finding no fault.

Solution **Verify the chassis emissions level**

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

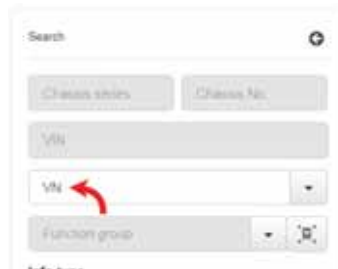


Software improvements have been released for both emissions levels to address this DTC. Field Service Bulletins with information and instructions have been published and can be found under the Service tab in [Impact](#), [Function Group 284](#). The articles can also be searched for by Title. Refer to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

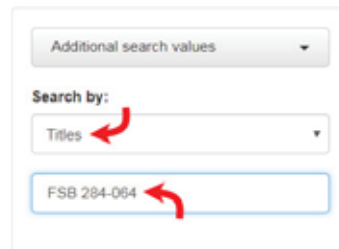
Emissions Level (Model Year)	Field Service Bulletin
US14+OBD13 (2015)	FSB 284-066 Engine Control Module (ECM) and Aftertreatment Control Module (ACM), Reprogramming
US14+OBD15 (2016)	FSB 284-064 Engine Control Module (ECM) and Aftertreatment Control Module (ACM), Reprogramming

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.

A screenshot of a search interface. At the top is a 'Search' button with a magnifying glass icon. Below it are two input fields: 'Chassis serial' and 'Chassis No.'. Below those are two 'VIN' input fields. A red arrow points to the second 'VIN' field. Below the VIN fields is a 'Function group' dropdown menu and a 'Info icon'.

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

A screenshot of a search interface. At the top is a dropdown menu labeled 'Additional search values'. Below it is a 'Search by:' label. Underneath is a dropdown menu with 'Titles' selected. A red arrow points to the 'Titles' dropdown. Below that is a text entry field containing 'FSB 284-064'. A red arrow points to the text entry field.

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

Fgrp	Title	Info type	ID/Operation
284	FSB 284-064 Engine Control Module (ECM) and Aftertreatment Control Module (ACM) Reprogramming	Repair	2841-22-09-16

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

FSB 284-064 Engine Control Module (ECM) and Aftertreatment Control Module (ACM), Reprogramming		
Description	ID	Date
VAN, ENG-VE11, Assembly Date 2015-01-01 - 2015-12-31		26/09/2016
VAN, ENG-VE13, Assembly Date 2015-01-01 - 2015-12-31		
VAN, ENG-VE16, Assembly Date 2015-01-01 - 2015-12-31		
VHD, ENG-VE11, Assembly Date 2015-01-01 - 2015-12-31		
VHD, ENG-VE16, Assembly Date 2015-01-01 - 2015-12-31		
VN, ENG-VE11, Assembly Date 2015-01-01 - 2015-12-31		
VN, ENG-VE13, Assembly Date 2015-01-01 - 2015-12-31		
VN, ENG-VE16, Assembly Date 2015-01-01 - 2015-12-31		
VT, ENG-VE11, Assembly Date 2015-01-01 - 2015-12-31		
VT, ENG-VE13, Assembly Date 2015-01-01 - 2015-12-31		
VT, ENG-VE16, Assembly Date 2015-01-01 - 2015-12-31		

If any other symptoms or related codes are present, they will need to be diagnosed first. This DTC will not cause any physical symptoms if it is generated by software.

NA_Sister solutions

[K09336850](#)

Campaign code

FSB284-064, FSB284-066

Solution visibility

[Dealer distribution](#)

Function(s)/component(s) affected

Function affected	FSB , exhaust , 1 1 0 EMS
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Function Group

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

Main customer effect	regeneration , calibration/programming/pairing/missing operation , diagnostics /methodology , efficiency/abnormal behavior , fault code/display
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Fluid implicated	air
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Fault code(s)

OBD 2013 Diagnostic Trouble Codes	P2002
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Conditions

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

Author	a175606
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Last modified by	RU4469V
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Creation date	16-12-2015 14:12
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Date of last update	20-06-2018 14:06
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Status	Published
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Average score	0.20000000298023224
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Number of scores	5
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