



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 , US14 GHG

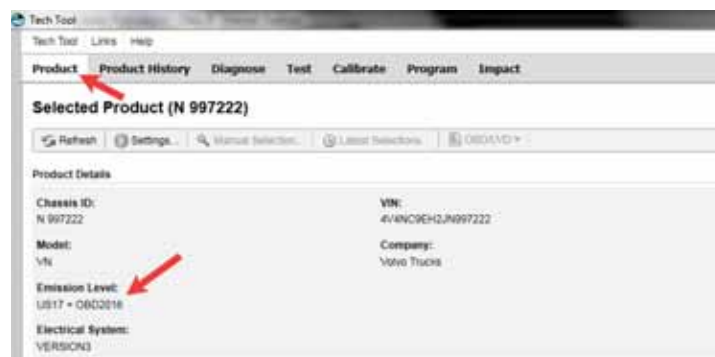
**** SOLUTION ****

Title Volvo Chassis - Diagnostic Trouble Code (DTC) P0507 Lighting The Malfunction Indicator Lamp (MIL) - **US14+OBD13, US14+OBD15, US14+OBD16 Emissions (Non-Common Rail Fuel System), Common Model Years 2015 To 2017**

Cause US14+OBD13, US14+OBD15, US14+OBD16 Emissions vehicles may log DTC P0507. 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 all three emissions levels to address this DTC. Field Service Bulletins with information and instructions have been published for each emissions level. All of the 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:

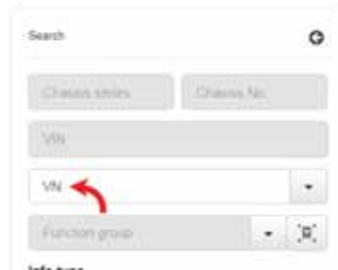
Emissions Level (Model Year)	Field Service Bulletin
US14+OBD13 (2015)	FSB 284-066 Engine Control Module (ECM) and Aftertreatment Control Module (ACM), Reprogramming
US14+OBD15 (2016)	FSB 284-064 Engine Control Module (ECM) and Aftertreatment Control Module (ACM), Reprogramming

US14+OBD16
(2017)

FSB 284-065 Engine Control Module (ECM) and
Aftertreatment Control Module (ACM), Reprogramming

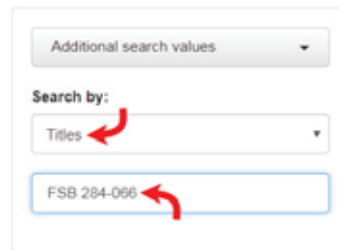
If the Bulletin does not appear when searched with either VIN or Chassis information entered, search by model:

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



The screenshot shows a search interface with a 'Search' button and a 'Clear' button. Below these are input fields for 'Chassis info', 'Chassis No.', 'VIN', and 'Function group'. The 'VIN' field is highlighted with a red arrow, indicating it is the selected search criteria.

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 by:' dropdown menu set to 'Titles'. Below it, the text entry field contains 'FSB 284-066'. Both the dropdown and the text field are highlighted with red arrows.

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

Fgrp	Title	Info type	InfoOperation
284	FSB 284-066, Engine Control Module (ECM) and Aftertreatment Control Module (ACM) Reprogramming	Repair	2847-22-08-18

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

FSB 284-066, Engine Control Module (ECM) and Aftertreatment Control Module (ACM), Reprogramming		
Description	ID	Date
VIN, ENG-VE11, Assembly Date 2014-01-01 - 2014-12-31		95082018
VIN, ENG-VE13, Assembly Date 2014-01-01 - 2014-12-31		
VIN, ENG-VE15, Assembly Date 2014-01-01 - 2014-12-31		
VIN, ENG-VE11, Assembly Date 2014-01-01 - 2014-12-31		
VIN, ENG-VE13, Assembly Date 2014-01-01 - 2014-12-31		
VIN, ENG-VE15, Assembly Date 2014-01-01 - 2014-12-31		
VIN, ENG-VE11, Assembly Date 2014-01-01 - 2014-12-31		
VIN, ENG-VE13, Assembly Date 2014-01-01 - 2014-12-31		
VIN, ENG-VE15, Assembly Date 2014-01-01 - 2014-12-31		
VIN, ENG-VE11, Assembly Date 2014-01-01 - 2014-12-31		
VIN, ENG-VE13, Assembly Date 2014-01-01 - 2014-12-31		
VIN, ENG-VE15, Assembly Date 2014-01-01 - 2014-12-31		

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.

Campaign code	FSB284-064, FSB284-065, FSB284-066
Solution visibility	Dealer distribution
Function(s)/component(s) affected	
Function affected	FSB , engine , regulation (cruise control/engine speed) , 1 1 0 EMS
Function Group	
Function Group	28 ignition and control system
Customer effect	
Main customer effect	engine speed , calibration/programming/pairing/missing operation , 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	P0507
Conditions	
Vehicle operating mode	when stationary
Frequency of occurrence of problem	random
Administration	
Author	RU4469V
Dealer ID	RU4469V
Last modified by	RU4469V
Creation date	19-04-2018 18:04
Date of last update	18-06-2018 18:06
Status	Published