



Solution K51683834

Thursday, July 5, 2018 5:26:29 PM CEST

Volvo Models

Volvo Model VNX , VNL , VNM , VHD , VAH

Engine family

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

Emission Standard

Emission Standard US15

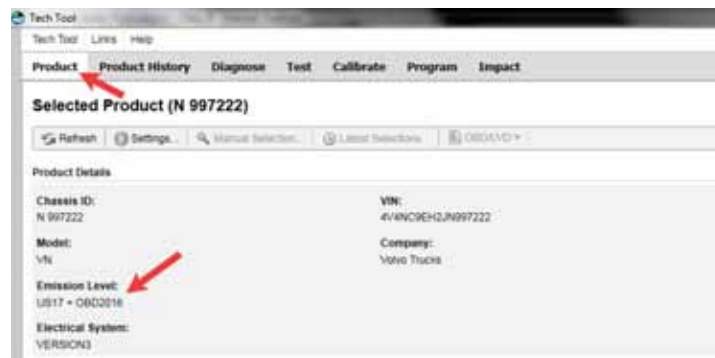
**** SOLUTION ****

Title Volvo Chassis - Diagnostic Trouble Code (DTC) P0128, Diagnostic And Repair - **US14 +OBD15, Common Model Year 2016**

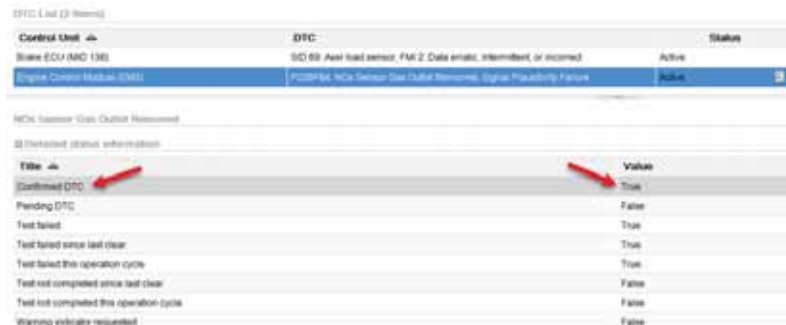
Cause P0128-00 Coolant Thermostat (Coolant Temp Below Thermostat Regulating Temperature) may log in US14+OBD15 vehicles. It is possible that the code is generated due to a software issue, resulting in diagnosis finding no fault.

Solution **Verify the chassis emissions level**

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



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

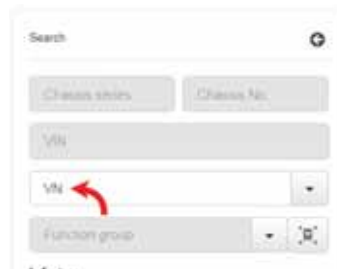


Software improvements have been released to address this DTC. A Field Service Bulletin with information and instructions has been published and can be found under the Service tab in [Impact](#), [Function Group 284](#). The articles can also be searched for by Title. Refer to the chart below for the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

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

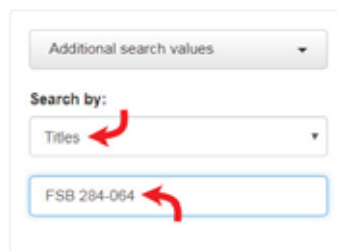
If the Bulletin does not appear when searched with either VIN or Chassis information entered, search by model:

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



The screenshot shows a search interface with a 'Search' button at the top right. Below it are input fields for 'Chassis serial', '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 interface with an 'Additional search values' dropdown at the top. Below it is a 'Search by:' dropdown menu with 'Titles' selected, highlighted by a red arrow. Below that is a text entry field containing 'FSB 284-064', also highlighted by a red arrow.

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	2841-22-05-16

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



If software is current according to the bulletin, the code should only be diagnosed if the Confirmed Status is True, as shown above. If status is False, the code should be cleared and the vehicle released.

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	K45941512
Campaign code	FSB284-064
Solution visibility	Dealer distribution
Function(s)/component(s) affected	
Function affected	FSB , cooling , 1 1 0 EMS , Diagnostic tool
Function Group	
Function Group	26 cooling system , 284 control system, fuel supply
Customer effect	
Main customer effect	calibration/programming/pairing/missing operation , diagnostics/methodology , fault code/display
Fluid implicated	coolant
Fault code(s)	
OBD 2013 Diagnostic Trouble Codes	P0128
Conditions	
Vehicle operating mode	when driving , when stationary
Frequency of occurrence of problem	random
Administration	
Author	a175606
Last modified by	RU4469V
Creation date	06-04-2016 16:04
Date of last update	20-06-2018 16:06
Status	Published