



NA_VOLVO_Vehicle_Range

NA_VOLVO_Vehicle_Range VN~~X~~, VN~~L~~, VN~~M~~, VHD, VAH

Engine family

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

Emission Standard

Emission Standard US16 , US15 , US14 GHG

** SOLUTION **

Title (customer effect) Volvo Chassis - Diagnostic Trouble Code (DTC) P226C Intermittently Lighting The Malfunction Indicator Lamp (MIL) - **US14+OBD13, US14+OBD15 And US14+OBD16 Emissions (Non-Common Rail Fuel System), Commonly Model Years 2015 to 2017**

Cause US14+OBD13, US14+OBD15 and US14+OBD16 (Commonly Model Year 2016 and 2017) chassis may intermittently log DTC P226C

Solution

Overview

US14+OBD13, US14+OBD15 and US14+OBD16 (pre-common rail) conventional chassis may log DTC P226C during operation. The diagnostic process that this DTC sets for is the monitor of boost pressure change under sudden changes in engine load. The code is likely to set intermittently and it may be difficult or not possible to duplicate during diagnosis. Guided Diagnostics may result in No Fault Found (NFF). This issue is more likely to be observed in chassis with a 13L engine and a lower power rating, and chassis with dual torque engine ratings. This code will not affect performance or driveability. **Turbocharger replacement is not a valid repair for this code.**

Repair

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.



For US14+OBD13

- Refer to [FSB 284-066 Engine Control Module \(ECM\) and Aftertreatment Control Module \(ACM\), Reprogramming](#).
- This bulletin is current as of 17 April 2018.

For US14+OBD15

- Software improvements have been released to address this code. Refer to the table below:

Action Required		
ECM	Main Software	Action Required
D11/ D13	Equal or Less Than 22741776	Update to Latest Software
D16	Equal or Less Than 22644015	Update to Latest Software
ACM	Main Software	Action Required
D11/ D13 / D16	Equal or Less Than 22741796	Update to Latest Software


For US14+OBD16

- Refer to [FSB 284-065 Engine Control Module \(ECM\) and Aftertreatment Control Module \(ACM\), Reprogramming](#).

- This bulletin is current as of 17 April 2018.

If software is found to be current, diagnosis should only proceed if the Confirmed DTC status for P226C 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 P226C.

Internal comments (FO)	(FO) Please refer to this additional related information: SP 284 - 065, XE Package, Mass Base Variable Torque Option, by clicking here .
Campaign code	FSB284-055, FSB284-056
Solution visibility	Dealer distribution
Function(s)/component(s) affected	
Function affected	Turbocharger , 1 1 0 EMS , Diagnostic tool
Function Group	
Function Group	255 turbocharger , 284 control system, fuel supply
Customer effect	
Main customer effect	calibration/programming/pairing/missing operation , diagnostics/methodology , fault code/display
Lights/Messages on information display	 Driver's information warning pictogram
Fault code(s)	
OBD 2013 Diagnostic Trouble Codes	P226C
Conditions	
Vehicle operating mode	when driving , when stationary
Frequency of occurrence of problem	random
Administration	
Author	ut01793
Last modified by	RU4469V
Creation date	23-06-2016 19:06
Date of last update	20-04-2018 21:04
Status	Published