

**** SOLUTION ****

Title	Diagnostic Trouble Codes (DTC) P0069-64, P10EC-00, P0191-64 and P240F-00 In Different Combinations, Occurrences, And Time Stamps (Two To Four Codes), Possible Vehicle Derate - US17+OBD16, US17+OBD18 Emissions, Common Model Years 2018 And 2019
-------	---

Mack Models

Mack Model	LR , MRU - TerraPro , TE - TerraPro , AN - Anthem , CHU - Pinnacle, Axle back , C XU - Pinnacle, Axle front , GR - Granite , GU - Granite , PI - Pinnacle
-------------------	---

Volvo Models

Volvo Model	VNL , VNR , VNX , VAH , VHD
--------------------	-----------------------------

Emission Standard

Emission Standard	US17+OBD16 , US17+OBD18
-------------------	-------------------------

Engine family

Engine family	11L Engine , 13L Engine , MP7 , MP8
---------------	-------------------------------------

**** SOLUTION ****

Cause	A combination of the four DTCs in the title and fault code section below may appear on a DTC Readout in combinations from a single code up to all four. Two or three codes are most common for this issue. The DTCs will not necessarily have identical time stamps and occurrence counts. Guided diagnostics and resistance checks will likely not reveal an issue.
-------	---

Powertrain Engineering is currently investigating the cause of this issue but have determined that the likely problem is located in the external engine wiring harness.

Solution

THIS SOLUTION SHOULD ONLY BE FOLLOWED IF TWO OR MORE OF THE LISTED FAULT CODES ARE PRESENT.

If only one of the DTCs is present on the DTC Readout, Guided Diagnostics should be followed as normal.

If a vehicle presents with a combination of between two and four of the relevant DTCs and the listed possible conditions and there are no other symptoms to indicate another issue:

- Replace the external Engine Wiring Harness.

This solution will be updated when further information is available.

Solution visibility

Dealer distribution

Function Group

Function Group	2861 Engine Wiring Harness
----------------	----------------------------

Customer effect

Main customer effect	power , fault code/display
----------------------	----------------------------

Fault Codes And Error Codes

OBDII Diagnostic Trouble Codes (P, U, B Format)	P0069-64 , P0069 , P006964 , P0191 , P10EC-00 , P10EC , P10EC00 , P240F-00 , P240F , P240F00
---	--

Conditions

Vehicle operating mode	when driving , when stationary
------------------------	--------------------------------

Frequency of occurrence of problem	random
------------------------------------	--------

Administration

Author	UT9246H
--------	---------

Dealer ID	UT9246H
-----------	---------

Last modified by	RU4469V
------------------	---------

Creation date	22-08-2018 01:08
---------------	------------------

Date of last update	05-07-2019 21:07
---------------------	------------------

Review date	01-12-2018 00:12
-------------	------------------

Status	Published
--------	-----------

Average score	0
---------------	---

Number of scores	1
------------------	---

NA_Reviewer	UT9246H
-------------	---------

Variantes Kola

DPX - ENGINE TYPE	ENG-VE11 - 11 L. VOLVO ENGINE , ENG-VE13 - 13 L. VOLVO ENGINE
-------------------	---