

**Mack Models****Mack Model** LR , LEU , MRU , CHU , CXU , GU , TD**Engine family**

Engine family MP7 , MP8 , MP10

Emission Standard

Emission Standard US16 , US15 , US14 GHG

**** SOLUTION ****

Title Mack Chassis - Diagnostic Trouble Codes (DTC) P10FE And P24A4 Lighting The Malfunction Indicator Light (MIL) - **US14+OBD13, US14+OBD15 And US14+OBD16 Emissions, Common Model Years 2015 To 2017**

Cause US14+OBD13, US14+OBD15 And US14+OBD16 (Commonly Year Models 2015 and 2017) Conventional Chassis that spend most of the time in stop-and-go operation may log DTCs P24A4 and P10FE, together or separately.

Solution **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.

3. Make sure Title is selected in the Search By field. Enter the correct Bulletin title in 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 284-066, Engine Control Module (ECM) and Aftertreatment Control Module (ACM) Reprogramming	Repair	2841-22-08-1E

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
<input type="checkbox"/> CXU, ENG-VE11, Assembly Date 2014-01-01 - 2014-12-31		04/03/2018
<input type="checkbox"/> CXU, ENG-VE13, Assembly Date 2014-01-01 - 2014-12-31		
<input type="checkbox"/> CXU, ENG-VE16, Assembly Date 2014-01-01 - 2014-12-31		

If any other symptoms or related codes are present, they will need to be diagnosed before P10FE and/or P24A4. Both of these codes are normally caused by other codes that are logging.

NA_Sister solutions

[K23258863](#)

Campaign code

FSB284-064, FSB284-065, FSB284-066

Solution visibility

Dealer distribution

Function(s)/component(s) affected

Function affected

FSB , exhaust

Function Group

Function Group

254 catalytic converter; exhaust emission control equipment , 258 emissions after-treatment , 284 control system, fuel supply

Customer effect

Main customer effect soot , regeneration , fault code/display

Fault code(s)

OB2013 Diagnostic Trouble Codes P10FE , P24A4

Conditions

Vehicle operating mode when driving , when stationary

Frequency of occurrence of problem random

Administration

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