



## Mack Models

**Mack Model** LR , MRU , CHU , CXU , GU , TD

## Engine family

Engine family MP7 , MP8 , MP10

## Emission Standard

Emission Standard US15

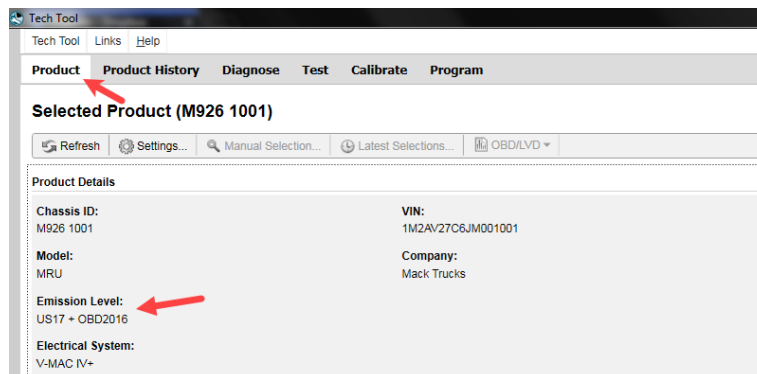
**\*\* SOLUTION \*\***

**Title** Mack Chassis - Diagnostic Trouble Code ( DTC ) P205B Lighting The Malfunction Indicator Lamp ( MIL ) - **US14+OBD15 Emissions, Common Model Year 2016 ONLY**

**Cause** US14+OBD15 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:



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

DTC List (2 Items)

Control Unit	DTC	Status
Brake ECU (MID 136)	SID 69: Axel load sensor, FMI 2: Data erratic, intermittent, or incorrect	Active
Engine Control Module (EMS)	P229F64: NOx Sensor Gas Outlet Removed, Signal Plausibility Failure	Active

NOx Sensor Gas Outlet Removed

Detailed status information

Title	Value
Confirmed DTC	True
Pending DTC	False
Test failed	True
Test failed since last clear	True
Test failed this operation cycle	True
Test not completed since last clear	False
Test not completed this operation cycle	False
Warning indicator requested	False

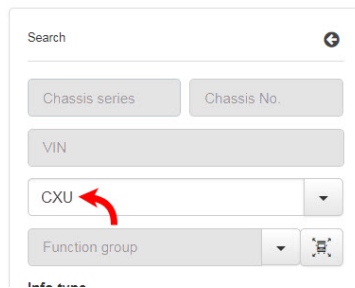
Once the chassis is confirmed to be US14+OBD15

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

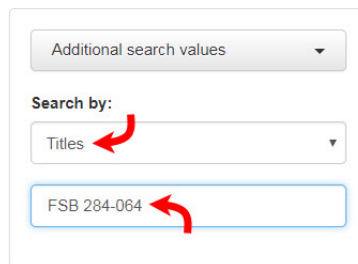
If the Bulletin does not appear when searched with either VIN or Chassis information entered, search by model:

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' header and a refresh icon. Below the header are several input fields: 'Chassis series', 'Chassis No.', 'VIN', 'CXU' (with a red arrow pointing to it), and 'Function group'. There is also a search icon in the bottom right corner of the search area.

3. Make sure Title is selected in the Search By field. Enter the correct Bulletin title in the text entry field.



The screenshot shows a search interface with a dropdown menu for 'Additional search values'. Below it is a 'Search by:' dropdown menu set to 'Titles' (with a red arrow pointing to it). Below the dropdown menu is a text entry field containing 'FSB 284-064' (with a red arrow pointing to it).

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	2841-22-09-16

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

FSB 284-064 Engine Control Module (ECM) and Aftertreatment Control Module (ACM), Reprogramming

Description	ID	Date
<input type="checkbox"/> CXU, ENG-VE11, Assembly Date 2015-01-01 - 2015-12-31		06/08/2018
<input type="checkbox"/> CXU, ENG-VE13, Assembly Date 2015-01-01 - 2015-12-31		
<input type="checkbox"/> CXU, ENG-VE16, Assembly Date 2015-01-01 - 2015-12-31		

**If software shows to be current**, ensure the Confirmed DTC status is True as shown above, then proceed with diagnostics. Review and diagnose any related codes prior to replacing any parts for P205B findings.

- **If the Confirmed DTC status is FALSE**, DO NOT proceed with diagnosis. Address any other issues, clear the codes, and release the chassis.

NA\_Sister solutions [K37300352](#)

Campaign code FSB284-064

Solution visibility **Dealer distribution**

**Function(s)/component(s) affected**

Function affected FSB , DEF Dosing , SCR , 1 1 0 EMS , 2 1 0 ACM

**Function Group**

Function Group 254 catalytic converter; exhaust emission control equipment , 258 emissions after-treatment

**Customer effect**

Main customer effect regeneration , calibration/programming/pairing/missing operation , diagnostics /methodology , efficiency/abnormal behavior , fault code/display

Fluid problem level incorrect

Fluid implicated AdBlue

**Fault code(s)**

OBD 2013 Diagnostic Trouble Codes P205B

**Conditions**

Vehicle operating mode when driving , when stationary

Frequency of occurrence of problem random

**Administration**

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Dealer ID RU4469V

Last modified by RU4469V

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Status Published

Average score 0

Number of scores 1