



Mack Models

Mack Model Cabover , LEU , LR , MRU - TerraPro , Conventional , CHU - Pinnacle, Axle back , CXU - Pinnacle, Axle front , GU - Granite , TD - Titan

Engine family

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

Emission Standard

Emission Standard US15

** SOLUTION **

Title Mack Chassis - Diagnostics Trouble Code P026D-00, Fuel Injection Quantity Higher Than Expected; Diagnosis And Information - **US14+OBD15 Emissions, Model Year 2016**

Cause Mack Trucks has received concerns from the field on US15 chassis' logging code P026D / P026D00 Fuel Injection Quantity Higher Than Expected with no fault found at the conclusion of Guided Diagnostics.

Solution P026D / P026D00 indicates the exhaust has too little oxygen detected by the Nox sensors versus fuel rate. Incorrect or failed boost sensors, incorrect injectors, or EGR system failures, may all cause this code. If no fault found at the conclusion of guided diagnostics, ensure the correct part number boost sensor and injectors are installed. Verify boost and EGR delta P, are reading zero key on, engine off. Physically verify the EGR valve is not hanging in travel or bypassing when commanded closed. If still no fault found, road test the unit briefly and compile a datalog of engine sensors and check for excessively high boost pressures in the log. The sensor monitoring template and instructions (entitled "READ FIRST; TT 2.4 - Steps to Import a Template") can be found [here](#).

Solution visibility **Dealer distribution**

Function(s)/component(s) affected

Function affected Diagnostic tool , fuel system , exhaust

Function Group

Function Group 237 injector and delivery pipe , 255 turbocharger , 258 emissions after-treatment

Customer effect

Main customer effect diagnostics/methodology , fault code/display

Fluid implicated fuel

Fault code(s)

OBD 2013 Diagnostic Trouble Codes P026D

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