



Solution

Title (customer effect)	Diagnostic Trouble Code (DTC) P24F6 - 00, Exhaust Aftertreatment Fuel Air Purge Valve Stuck Open Or DTC P24F7 - 00, Exhaust Aftertreatment Fuel Air Purge Valve Stuck Closed - US15 Emissions And Newer
Cause	US15 Model Year (MY) and newer chassis may set DTC P24F6 - 00 or P24F7 - 00.
Solution	<p>If Guided Diagnostics (GD) results in No Fault Found (NFF), check the following:</p> <ul style="list-style-type: none">• Aftertreatment Hydrocarbon Doser air supply line pressure<ul style="list-style-type: none">- Specification is 32 PSI (221 kPa)• Any contamination such as oil or water, restriction or other debris in the AHI purge air line<ul style="list-style-type: none">- The line should be dry• Proper coalescing filter installed in the air dryer<ul style="list-style-type: none">- An incorrect filter installed will result in contamination as described above• Aerated fuel flowing from the AHI module
Solution visibility	Dealer distribution
Function(s)/component(s) affected	
Function affected	engine , exhaust
Function Group	
Function Group	254 catalytic converter; exhaust emission control equipment , 258 emissions after-treatment
Customer effect	
Main customer effect	regeneration , fluid , calibration/programming/pairing/missing operation , diagnostics /methodology , efficiency/abnormal behavior , fault code/display
Fluid implicated	air , fuel
Lights/Messages on information display	message on display
Fault code(s)	
OBD 2013 Diagnostic Trouble Codes	POWERTRAIN , P24F6-00 , P24F7-00
Administration	
Author	A241298
Last modified by	RU4469V

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Status Published

NA_MACK_Vehicle_Range

NA_MACK_Vehicle_Range Cabover , LR , LEU , MRU , Conventional , Anthem , CHU , CXU , GU , TD

NA_VOLVO_Vehicle_Range

NA_VOLVO_Vehicle_Range VNR , VNX , VNL , VNM , VHD , VAH

Engine family

Engine family 11L Engine , 13L Engine , 16L Engine , Mack , MP7 , MP8 , MP10

Emission Standard

Emission Standard 2018 , OBD2017 , US17 GHG , US16 , US15
