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**Mack Models**

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

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**Volvo Models**

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**Volvo Model** VNL , VNM , VNR , VNX , VAH , VHD

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**Engine family**

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

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**Emission Standard**

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Emission Standard US15 , US16 , US17 , OBD2017 , 2018

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

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**Title** 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 - [US14+OBD15 Emissions And Newer, Model Year 2016 And Newer](#)

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**Cause** US15 Model Year ( MY ) and newer chassis may set DTC P24F6 - 00 or P24F7 - 00.

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**Solution** **NOTE:** Prior to testing verify the flow specification of the high or low flow 7th injector being tested. For more information regarding high and low flow 7th injectors refer to CBR solution [K76992557](#) .

If Guided Diagnostics ( GD ) results in No Fault Found ( NFF ), check the following:

- Aftertreatment Hydrocarbon Doser air supply line pressure
  - Specification is 32 PSI ( 221 kPa )
- Any contamination such as oil or water, restriction or other debris in the AHI purge air line
  - The line should be dry
- Proper coalescing filter installed in the air dryer
  - An incorrect filter installed will result in contamination as described above
- Aerated fuel flowing from the AHI module

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Solution visibility [Dealer distribution](#)

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

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Function affected engine , exhaust

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**Function Group**

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

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## Customer effect

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Main customer effect	regeneration , fluid , calibration/programming/pairing/missing operation , diagnostics /methodology , efficiency/abnormal behavior , fault code/display
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Fluid implicated	air , fuel
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Lights/Messages on information display	message on display
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### Fault code(s)

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OBD 2013 Diagnostic Trouble Codes	P24F6-00 , P24F7-00
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### Administration

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