



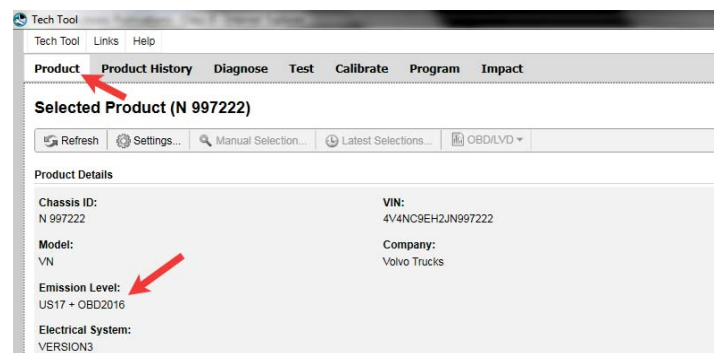
## Solution

**Title (customer effect)** Diagnostic Trouble Code ( DTC ) P0422 Lighting The Malfunction Indicator Light ( MIL ) - **OBD15 And US14+OBD16 (Non-Common Rail Fuel System) Chassis**

**Cause** OBD15 and US14+OBD16 (Commonly Model Year 2016 and 2017) chassis may log DTC P0422.

**Solution** **Verify the chassis emissions level**

- Details can be found in the Product Details box on the Product tab in PTT as seen below:



### For OBD15 And US14+OBD16 Chassis:

- Software improvements have been released to address this code. If P0422 is present and there are no other symptoms to indicate a physical issue, software should be checked and updated as necessary.

- Updated software for OBD15 chassis will have a Main Software (MSW) 23167877 or newer
- Updated software for US14+OBD16 chassis will have a Main Software (MSW) 23169815 or newer

- **One or two modules can be affected by this update. Ensure the proper instructions are followed:**

- **If the chassis has had containment software loaded previously:**

- Reprogram the Engine Control Module ( EMS ) **ONLY**

- **If the chassis has not had software containment**

- Reprogram the following modules in the order listed.
  1. Engine Control Module ( EMS )
  2. Aftertreatment Control Module ( ACM )

- If the chassis returns for frequent recurrence of the code following the software update, normal Guided Diagnostic procedures will need to be followed.

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Solution visibility	Dealer distribution
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### Function(s)/component(s) affected

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Function affected	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	diagnostics/methodology , efficiency/abnormal behavior , fault code/display
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### Fault code(s)

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OBD 2013 Diagnostic Trouble Codes	P0422
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### Conditions

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Vehicle operating mode	when driving , when stationary
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Frequency of occurrence of problem	always
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### Administration

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Author	UT01793
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Last modified by	RU4469V
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Creation date	28-11-2016 19:11
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Date of last update	05-03-2018 16:03
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Status	Published
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Average score	2
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Number of scores	1
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### NA\_MACK\_Vehicle\_Range

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NA_MACK_Vehicle_Range	Cabover , LR , LEU , MRU , Conventional , CHU , CXU , GU , TD
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### NA\_VOLVO\_Vehicle\_Range

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NA_VOLVO_Vehicle_Range	Conventional , VNX , VNL , VNM , VHD , VAH
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### Engine family

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Engine family	Volvo , 11L Engine , 13L Engine , 16L Engine , Mack , MP7 , MP8 , MP10
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### Emission Standard

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Emission Standard	US16 , US15
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