



Solution

Title (customer effect) Diagnostic Trouble Code (DTC) P0420 Illuminating The Malfunction Indicator Lamp (MIL) - **US17 (GHG17, Common Rail Fuel System) Chassis ONLY**

Cause US17 chassis may generate code P0420, with Guided Diagnostics (GD) determining there is No Fault Found (NFF)

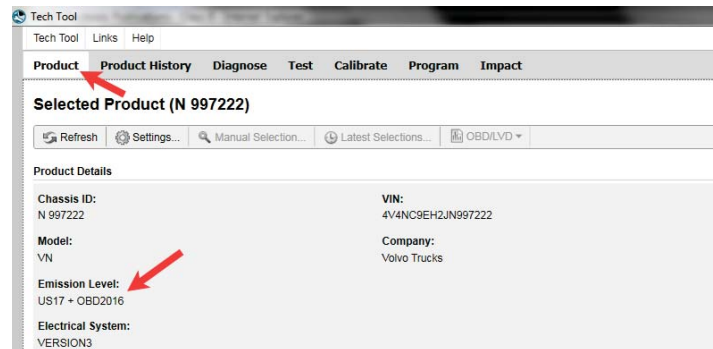
Solution

- **Check for related DTCs. If P0420 is logging in combination with other engine or aftertreatment codes, the related codes should be reviewed and diagnosed to ensure there is not another issue that is causing P0420 to log as an indirect symptom.**

- **If no other issues are identified, or other issues are found and addressed:**

- **Verify the chassis emissions level**

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



- **Once the chassis is confirmed to be US17+OBD16 (Common Rail Fuel System):**

- Software improvements have been released to address P0420. Reprogram the Engine Control Module (EMS). It is possible a warning box may open stating the current software is the same version. Select the option to reload the software if this occurs.

Solution visibility

Dealer distribution

Function(s)/component(s) affected

Function affected DOC , DPF , 1 1 0 EMS , Diagnostic tool

Function Group

Function Group 254 catalytic converter; exhaust emission control equipment , 258 emissions after-treatment , 28 ignition and control system

Customer effect

