



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

Title Mack Chassis - **Equipped With An MP8 Engine** - Diagnostic Trouble Code ( DTC ) P04DB - Crankcase Ventilation Disconnected; **US17+OBD16 And US17+OBD18 Emissions (Common Rail Fuel System), Model Years 2018 And 2019**

**Mack Models**

**Mack Model** AN - Anthem , CHU - Pinnacle, Axle back , CXU - Pinnacle, Axle front , PI - Pinnacle

**Emission Standard**

Emission Standard US17 , US17+OBD16 , US17+OBD18

**Engine family**

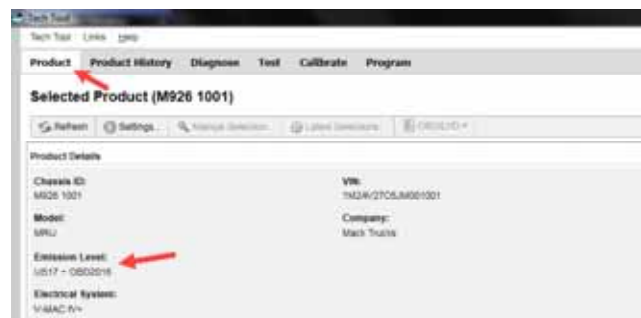
Engine family MP8

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

Cause No fault found ( NFF ) when diagnosing a GHG17 ( US17 ) chassis Diagnostic Trouble Code ( DTC ) P04DB - Crankcase Ventilation Disconnected with Premium Tech Tool ( PTT )

Solution **Verify the chassis emissions level and ensure that the vehicle is within the applicable range for this solution.**

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



**Review the Detailed Status Information for the relevant code on the DTC Readout.**



**A. Software improvements have been made that address this DTC:**

1. Product Improvement [PI0883 Engine Control Module \(ECM\) and Aftertreatment Control Module \(ACM\), Software Updates](#) was released July 2018. This service program should appear under the Campaigns section of the Product screen of Premium Tech Tool (PTT) when first connecting to the vehicle

- The Product Improvement document can be found on the dealer [Mack Trucks eMedia](#).

- **Note:** There will be a prompt to sign in to the Trucks Dealer Portal site if necessary.
- Searching for PI0883 will return a link to the bulletin.

2. If there are no other concerns, release the vehicle after the campaign is completed.

**B. If the Product Improvement does not apply to the chassis or there are possible related symptoms:**

1. Check the Main Software (MSW) part number for the Engine Control Module (EMS).

- If the software part number is less than 23033425, update the EMS software.
- **NOTE: Software updates will not resolve physical symptoms.** If there are any concerns with operation, appropriate diagnostics will need to be performed.

2. Make sure to inspect the crankcase ventilation (CCV) system for any leaks or disconnected components. Repair any concerns located.

3. Make sure that engine oil is not increasing with time. If engine oil is rising, the cause should be diagnosed independently of P04DB.

**C. If software is current and there are no physical issues located:**

1. Clear the code and release the vehicle.

---

NA\_Sister solutions [K14466413](#)

---

Solution visibility [Dealer distribution](#)

---

**Function Group**

---

Function Group 257 crankcase ventilation

---

**Fault Codes And Error Codes**

---

OBDII Diagnostic Trouble Codes (P, U, B Format) P04DB-00

---

**Administration**

---

Author RU4469V

---

Dealer ID RU4469V

---

Last modified by RU4469V

---

Creation date 13-07-2018 19:07

Date of last update	26-11-2019 21:11
Review date	30-06-2017 00:06
Status	Published
NA_Reviewer	ut0031h
NA_Author_Group	GTT

UNCONTROLLED COPY. Printed document is for temporary use only and should not be retained.