DTNA Solutions › Discussions and Feedback › Tech Talk
› SPN-5246 FMI-16, SPN-5246 FMI-15, SPN-4364 FMI-18,...

ProAm
Apprentice

04-08-2021 04:19 PM

SPN-5246 FMI-16, SPN-5246 FMI-15, SPN-4364 FMI-18, SPN-3364 FMI-2

Vehicle Information

VIN: 3AKJGLD57GSGU0030

Model Year: 2016

Make: FTL

Base Model: CA125SLP

Model: CASCADIA 125 INCH SLEEPERCAB

Mileage: 623275 miles

Are you currently seeing this same issue on other DTNA vehicles at your location?: no

Vehicle Systems Involved

ENGINE AND ENGINE COOLING

OTHER SYSTEM (DEF)

Heavy loaded on steep uphill climbing, **CheckEngine**+**MIL** lights up, **DEF** is blinking, and engine derates, speed been limited and the following codes occured:
SPN-5246 FMI-16, SPN-5246 FMI-15, SPN-4364 FMI-18, SPN-3364 FMI-2
After some miles everything goes back - engine runs at full power, and no speed limits, Check Engine goes off, and after two days MIL too.

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Preview file
714 KB

0 Kudos

Reply

👑 Michael_Palumbo

King Pin

04-09-2021 04:07 AM

The 5246 codes are regulatory, They came into play, derating you because of the other two codes.

Possible causes for 4364-18:
- Contaminated DEF
- Incorrect concentration of urea in the DEF
- Biased NOx sensor
- Excessive DEF build-up inside the SCR mixing chamber
- Overtemp aftertreatment
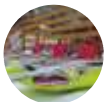- Improper DPF maintenance
- Internal structure failure of 1-Box™

Whether you think you can or you think you can't, you're right. — Henry Ford

Add tags

👍 | 1 Kudo

Reply

🤖 Scott_Trippel

Optimus Prime

04-09-2021 03:32 PM

HAPPENING GOING UPHILL?

I bet it is because the engine is running dirty, only happens underload, can be a poor valve set, dirty air filter, leaking CAC, and EGR fault or exhaust leaks anything that may cause too much egr to flow or read incorrectly by delta P.

I have also had the cause be a full DPF from ash, so the ash clean interval was not performed some one just reset the counter, this can also happen when the ash count is 80% but i do not see it that often. or the shop sent the dpf for cleaning and did not use a reman

Add tags

👍 | 1 Kudo

Reply

Dave_Ricks
Knuckle Buster

04-14-2021 03:17 PM

Check to make sure the Delta P ports are not plugged also.

Add tags

👍 | 0 Kudos

Reply

Rolandas_Zulca
Knuckle Buster

04-15-2021 06:43 AM

At that mileage would start with full tune-up.

Add tags

👍 | 0 Kudos

Reply

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