

DTNA Solutions > Discussions and Feedback > Tech Talk > engine will not stay running



Phillipe_kula_L
Apprentice

03-22-2021 12:34 PM

engine will not stay running

Vehicle Information

VIN: 3akjhhd7kslc4206

Model: sleeper

Model Year: 2019

Mileage: 225000 miles

Make: freightliner

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

Base Model: P4 cascadia

Vehicle Systems Involved

FUEL SYSTEM, DIESEL

water in fuel code active replaced all filters and drained . Unit still has active code and shuts down

bob ryder dart

Tags:

Code 97 Mode 16 active

Add tags



0 Kudos

Reply



Cromwell_Smith
Grease Monkey

03-22-2021 01:30 PM

TRY REMOVING FUEL FILTERS FROM MODULE AND LOOK WITH A FLASHLIGHT AND SEE IF WATER OR COOLANT IN BOTTOM OF HOUSING, HARD TO REMOVE JUST BY OPENING DRAIN.

Add tags



1 Kudo

Reply



i Phillipe_kula_L

Apprentice

03-23-2021 12:21 PM

the sensor was replaced in the bottom of the filter housing, would this get rid of all contaminants?

bob ryder dart

Add tags



0 Kudos

Reply



Scott_Trippel

Gear Head

03-22-2021 02:50 PM

WHAT IS THE CODE #

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0 Kudos

Reply



Phillipe_kula_L
Apprentice

03-23-2021 12:17 PM

code 97 mode 16
bob ryder dart

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0 Kudos

Reply



Scott_Trippel
Gear Head

03-23-2021 12:23 PM

That code directs you to 97 fmi 15, you may also have some contaminated fuel???

Check as follows:

1.

Turn the ignition OFF.

2.

Take a one quart fuel sample from the fuel filter module by opening the water bowl drain valve and fully draining the fuel filter in to a clear container.

3.

Check for fuel contamination, including Diesel Exhaust Fluid (DEF), gasoline, kerosene, or coolant. Is the fuel sample contaminated?

3.a

Yes; if DEF is found in the fuel,

If coolant is found in the fuel

Add tags



0 Kudos

Reply

 Chris_Draft
Apprentice

03-22-2021 04:24 PM

I have seen water get into the mcm 120 pin connector and cause corrosion leading to this issue.

Hope this helps.

Add tags

 4 Kudos

Reply

 Steve_Reppard
Piston Head

03-23-2021 05:30 AM

I have also seen this

Add tags

 1 Kudo

Reply

 Talbert_Simonia
King Pin

03-22-2021 05:03 PM

Trouble shooting leads to fault code SPN 97/FMI 15. Meaning looking for contaminants in the fuel system.

Add tags

[Reply](#)**Steve_Reppard**

Piston Head

03-23-2021 05:29 AM

OK first things first:

1. was water in fuel identified? If so did it look pink like coolant contamination?
2. Have you checked WIF sensor voltage koeo? It should be around 4 volts if there is NO water in fuel, it will read much lower if water is detected
3. have you removed mcm 120 pin connector and checked for water in connector- I have seen this happen a couple times and it effected WIF sensor reading only.

Add tags

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