

DTNA Solutions > Discussions and Feedback > Tech Talk

> Re: SPN 91 FMI 8, SPN 111 FMI 3, RAC System Filure...



i ProAm
Apprentice

04-28-2021 05:10 AM

SPN 91 FMI 8, SPN 111 FMI 3, RAC System Filure | HSA and Check Engine (amber) ON

Vehicle Information

VIN: 3AKJGLD57GSGU0030

Model: CASCADIA 125 INCH SLEEPER CAB

Model Year: 2016

Mileage: 628640 miles

Make: FTL

Are you currently seeing this same issue on other DTNA vehicles at your location?: yes

Base Model: CA125SLP

Vehicle Systems Involved

ENGINE AND ENGINE
COOLING

VEHICLE SPEED CONTROL

ESC RSC

SPN 91 FMI 8, SPN 111 FMI 3, RAC System Filure | HSA and Check Engine (amber) ON, and also ambient temp. is fluctuating, after a low battery start.

The throttle pedal doesn't work at all.

Ambient temperature alternates (increases and decreases back and forth) from - 5°F to 21°F

Battery disconnect solve the problem for a while and then same problem occurred.

Tags:

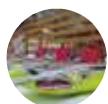
Common Powertrain Controller cpc FMI 8 pedal SPN 111 FMI 3 SPN 91 throttle

Add tags



0 Kudos

Reply



Scott_Trippel

Optimus Prime

04-28-2021 06:48 AM

111 3 is a coolant level sensor circuit failed high.

91 8 is an accelerator pedal signal missing, that is why there is no throttle. HSA lamp is on because the ABS system cannot see the accelerator pedal position I am guessing. I do not know what RAC system failure is, are you using an aftermarket diagnostic reader? It may not read proprietary codes properly.

Tags:

Common Powertrain Controller cpc

Add tags



0 Kudos

Reply

ProAm
Apprentice

04-28-2021 07:07 AM

Could it be due to CPC failure?

Does the Common Powertrain Controller have a power fuse?

If I just replace it - should I have to re-program anything?

I'm currently over the road and the only "scanner" I have is the dashboard display.

Tags:

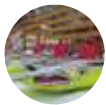
Common Powertrain Controller cpc

Add tags



0 Kudos

Reply



Scott_Trippel
Optimus Prime

04-28-2021 07:31 AM

Go see a dealer, hard to say if it is a cpc, but a cpc needs programming specific to your truck, plus all the parameters settings you have.

Tags:

Common Powertrain Controller cpc

Add tags



1 Kudo

Reply



Maxime_Perreaul
Apprentice

04-28-2021 08:42 AM

Is the remote sense fuse blown ? I've found multiple unit with that fuse blown and CPC failure. Look at your ground stud for paint under the cable.

Add tags



1 Kudo

Reply



ProAm
Apprentice

04-28-2021 09:35 AM

Where could I find this fuse?
What stud to look at- the battery terminal or another ground stud?

Add tags



0 Kudos

Reply



i Maxime_Perreaul
Apprentice

04-28-2021 10:17 AM

That fuse is a 5 AMP in the PNDB. The ground stud is located near the PNDB as well.

Add tags



1 Kudo

Reply



i ProAm
Apprentice

04-28-2021 09:40 AM

Could it be the LVD (Battery Low Voltage Disconnect)?
It looks strange such a multiple systems failure....

Tags:

Low Voltage Disconnect lvd

Add tags



0 Kudos

Reply



i Maxime_Perreaul
Apprentice

04-28-2021 10:15 AM

LVD would be only "comfort load" disconnect. LVD should not affect ABS, Fuel pedal, etc.

Add tags



1 Kudo

Reply



i ProAm
Apprentice

04-29-2021 10:55 AM

Checked with a brand new pedal* and nothing.
Everything goes good for a couple minutes, and then get back to exact same faulty status described above...

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* P/n: A01-33819-000 > A01-34172-001 (Pedal accelerator ensemble)

Tags:

A01-33819-000 A01-34172-001 accelerator pedal

Add tags



0 Kudos

Reply