

DTNA Solutions > Discussions and Feedback > Tech Talk > EGR fail's to learn



Dave_Ricks

Knuckle Buster

04-05-2021 05:05 AM

EGR fail's to learn

Vehicle Information

VIN: 3AKJGLD50GSGU6218

Model: CASCADIA 125 INCH SLEEPER CAB

Model Year: 2016

Mileage: 674000 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

I have code 2791/11 for smart remote actuator 3 (EGR) common failure. I went threw the troubleshooting and had me replace the EGR actuator. Then went to do the slow learn and if fails the slow learn. Then if you follow the troubleshooting it leads you to replace the Actuator again. Is this more of a harness issue then actuator because the troubleshooting says nothing about the harness, but i feel its in the harness. I couldn't find any rubbed wires. I also can't find a schematic to check the wires for it.

Add tags



0 Kudos

Reply



Geoff_Ambrose

Knuckle Buster

04-05-2021 05:30 AM

That model the EGR Valve is in the hot pipe. If that pipe is off just a little the rod will drag on the exhaust shield and will fail the test. Loosen the hot pipe and make 100% sure that the hot pipe is seated properly in the EGR cooler and the manifold, and then check for software updates.

Add tags



0 Kudos

Reply



 Dave_Ricks
Knuckle Buster

04-05-2021 05:37 AM

software is up to date and there is no drag or interference on the movement of the rod or the egr valve.

Add tags



0 Kudos

Reply



 Dave_Ricks
Knuckle Buster

04-05-2021 07:26 AM

I finally got the EGR actuator to pass learn routine. I was was selecting the routine by selecting actions on DDL8 then click on EGR slow learn routine. Doing it this way caused it to fail every time.

Then i went to troubleshooting tab on DDL then select symptom then EGR learn routine and ran that

then it passed. Can someone explain to me why it passed using that instead of the the EGR learn routine under the actions tab?

Add tags

[Reply](#)

 Steve_Reppard

Piston Head

04-06-2021 09:48 AM

GHG14 engine must be ran through symptom diag not through egr tab menu

Add tags

[Reply](#)

 James_McFadden

Piston Head

04-06-2021 08:59 AM



<https://dtnacontent-dtna.prd.freightliner.com/content/dam/techlit/ddcsn/technical-service-bulletins/...>

the ghg 14 had an issue with that.

Add tags

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