

DTNA Solutions > Discussions and Feedback > Tech Talk
> DT12 Countershaft Brake Learn Dynamic Values



Matt_Welch
Wrench Turner

04-22-2021 09:23 AM

DT12 Countershaft Brake Learn Dynamic Values

Vehicle Information

VIN: 3AKJHLDVXLH9458

Model: NEW CASCADIA 126 INCH DAY CAB

Model Year: 2020

Mileage: 0 miles

Make: FTL

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

Base Model: PT126DC

Vehicle Systems Involved

OTHER SYSTEM
(Countershaft Brake Learn
Dynamic Values)

We have a 2020 p4 cascadia dt12 dd13 in the shop, the tech working on it has replaced the countershaft brake disks and put the trans back in. We need to perform the dynamic learn procedure, but the engine rpm is limited to 1100 rpm with the park brake released and the service brake depressed. I have not been able to find a parameter to change to allow the 2000 rpm required for this procedure. Any ideas?

Add tags



0 Kudos

Reply



Scott_Trippel
Optimus Prime

04-22-2021 02:43 PM

@Kyle_Siebert

This one may be for you

Add tags



0 Kudos

Reply



Kyle_Siebert

Optimus Prime

04-22-2021 03:19 PM

I haven't run into this but exploring a JYST CPC parameters, id look into group 133- Engine Speed Limits, Parameter named "Engine Speed Limit at Vehicle Standstill". Might want to change that if its at 1100 rpm to 2100 rpm. Or Just SNA.

Whatever you do, save your parameters first. So you can play with them to see what works and set it back to what it was.

🔗 [Saving Parameters](#)

🔗 [Comparing Parameters from the par file and the Server](#)

Add tags



1 Kudo

Reply



Matt_Welch

Wrench Turner

04-22-2021 03:45 PM

The parameters in cpc group 133 are all set to sna

Add tags

[Reply](#)**Brendan_Rarog**

Apprentice

04-23-2021 07:56 AM

I may be wrong but for some reason my brain is trying to remember a dd13 with an rpm limit that we ran into long ago and I vaguely recall a weird issue with the progressive shift parameter being enabled. like I said this was long ago and may not be your issue but it may be worth seeing if progressive shift is enabled and if it is disable it a quick minute and try

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