

DTNA Solutions > Discussions and Feedback > Tech Talk
> GHG17 engine brakes kicking out during regen



Steve_Reppard

Piston Head

12-31-2020 03:59 AM

GHG17 engine brakes kicking out during regen

There is a known "issue" with engine brakes kicking out during regen on ghg17 engines even though jake brake #1 shows commanded 100%. I was advised there is a fuel map update coming by end of January or early February for mcm to fix this issue. The current fix is replacing MCM and updating all ecu's to be compatible(if needed).

Labels :

Electronics | Controls | Configuration | Communication | and Diagnostics

EngineTransmission Cooling | and HVAC

New Cascadia

Tags:

ghg17 engine brakes ghg17 regen

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7 Kudos

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Talbert_Simonia

King Pin

12-31-2020 10:38 AM

Very interesting Thanks for the update Steve.

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Dustin_Mosley
Knuckle Buster

02-05-2021 08:32 AM

I am having this issue as well. The regen starts out normal, but when the coolant fan comes on the jake will begin to cycle on and off as well as egr flow start and stop. torque load gets as high as 62% then jakes cut out and egr stops. once the fan goes off it cycles a few more times then back to normal.

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Steve_Reppard
Piston Head

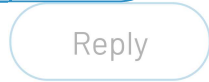
05-25-2021 08:08 AM

2019 fti cascadia with dd15 ghg17 engine has same complaint along with code 3711 do temp too low. MCM was replaced and flashed to latest server data. ran HIR and verified now doc face unplugging routine is disabled- doses fuel as soon as doc in temps get about 570 and engine brakes kicking in and out and eventually kick out and stay out. I noticed if you snap throttle when engine brakes are kicked out that they will re engage and stay on until fan comes on and then they kick back out. CSC has NOT came out with software update for this but have test map for allowing regen to run. this does not help customer as they will not be able to run parked regen successfully and this 3711 code will log again. This is the first time a new MCM has NOT taken care of this for us but i suspect software is the culprit with this one.

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5/27/2021

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