

Possible new regen strategy on GHG 17



[Mic Loschuk](#) 28 posts since Nov 19, 2014

Possible new regen strategy on GHG 17 Aug 29, 2020 11:18 PM

On GHG 17 units on multiple vins (KU6616, JX9294, JC3285, ETC), have been noticing during SCR eff test units are only running 1 box temps (DOC in, DPF out, SCR in and out) of around 800 deg F, i know for regens i am usto seeing over 1000 deg F and i though for SCR eff i was seeing the same. Curious if any one has seen or herd of any possible changed to the regen strategies since the mass recall (D20M8) in where we update the ACM software and fuel map. Starting to think this is now normal operation for this units during a SCR test? Not the best example for log but have uploaded an example.

Thanks for your input

Mic

- [SCREffAftDOCInTempReplace.DrumrollLog](#) 4.8 MB



[Steve Reppard](#) 155 posts since Jun 29, 2020

Re: Possible new regen strategy on GHG 17 Aug 31, 2020 10:42 AM

SCR performance test has always ran at lower temps than HIR due to not dosing fuel . Recall has not changed atd temps during HIR or SCR performance test.



[Scott Trippel](#) 4,057 posts since Dec 13, 2014

Re: Possible new regen strategy on GHG 17 Aug 31, 2020 4:49 PM

I agree with [Steve Reppard](#)



[Mic Loschuk](#) 28 posts since Nov 19, 2014

Re: Possible new regen strategy on GHG 17 Sep 3, 2020 9:55 PM

Is there a reason they only run 800 deg F during SCR not full ATD temps?



[Steve Reppard](#) 155 posts since Jun 29, 2020

Re: Possible new regen strategy on GHG 17 Sep 4, 2020 9:24 AM

It's more about not dosing fuel during scr performance test. The engine can produce the temps needed by thermal management to run performance test without dosing fuel. The test is checking the health of the scr system only, dosing fuel could possibly give false reading of degrading scr system. Example: issue with dpf's that are breached could cause low nox conversion readings but scr system itself is actually ok. This is my thoughts on this anyways.

Possible new regen strategy on GHG 17



[Scott Trippel](#) 4,057 posts since Dec 13, 2014

Re: Possible new regen strategy on GHG 17 Sep 4, 2020 1:38 PM

Great explanation [Steve Reppard](#)



[Francois Tourigny](#) 76 posts since Mar 8, 2019

Re: Possible new regen strategy on GHG 17 Jan 28, 2021 2:34 AM

Few driver reports us that the truck has made "15 minutes" regen.

As report by the driver; the DPF regen lamp come solid, and then driver pushes the regen switch to initiate regen, so RPM ramp up and stay there for about 15 minutes then drop to normal idle speed.

I wonder if anyone have heard about this kind of stuff?

This is only happened while D20M8 recall has been done.

Ty



[Steve Reppard](#) 155 posts since Jun 29, 2020

Re: Possible new regen strategy on GHG 17 Jan 28, 2021 11:26 AM

If you have HC absorption it usually only takes 15-20 minute regen to burn them off-this may be what's happening. A normal regen with current engines is around 40 minutes.