

DD8 reaccuring NOx issues



[Ryan Ireland](#) 34 posts since Feb 22, 2016

DD8 reaccuring NOx issues Mar 2, 2019 10:31 PM

Vin#KJ9355

Have a M2 with DD8 that has been in multiple times for MIL lights. Active code 4364/17- work through TS states to replace outlet NOx sensor. Then after all other test for troubleshooting passes. This truck has been in 3times in past 2mo., same code replace same NOx sensor-3times, inlet NOx signal does not look erratic or drifted. All temp sensors signals look normal. Truck leaves owner says light comes back on in 2weeks, code is same.

Other problem, not sure if related, regen switch on dash will not start regen even when needed, set for zone 1. Cannot start parked regen without going in and changing remote PTO accelerator parameter to cab only. This unit is a trash truck.

If the SCR inlet is higher than SCR outlet temp still an indicator of failed SCR on the DD medium duty engines. On this truck during last 10-15min of regen SCR inlet is 100* higher than outlet.

Tags: m2, aftertreatment, dd medium duty, dd8, dd aftertreatment, 4364/17



[Kyle Siebert](#) 4,101 posts since Nov 14, 2014

Re: DD8 reaccuring NOx issues Mar 3, 2019 8:01 PM

Have you reached out to Detroit about these issues?



[Ryan Ireland](#) 34 posts since Feb 22, 2016

Re: DD8 reaccuring NOx issues Mar 5, 2019 1:32 AM

Myself I have not reached out to Detroit, but the other extended diag tech at our location had, they told him to follow T/S.



[Scott Trippel](#) 4,003 posts since Dec 13, 2014

Re: DD8 reaccuring NOx issues Mar 4, 2019 5:38 PM

I am responding to your second question, regen turn on switch set to 1

Has someone checked to see if the DPF is in zone 1? And then try the regen switch?

A regen could only be done if the DPF is in zone 1, the DPF light comes on in zone 2



[Ryan Ireland](#) 34 posts since Feb 22, 2016

Re: DD8 reaccuring NOx issues Mar 5, 2019 1:36 AM

DD8 reaccuring NOx issues

My concern was that this parameter concern, is it keeping the truck from being able to regen when its needing to? When you try to start a parked regen with DiagLink, it states its in PTO mode/high idle, until you change that parameter.



[Justin Johnson](#) 983 posts since May 12, 2017

Re: DD8 reaccuring NOx issues Mar 6, 2019 7:11 PM

Thanks for keeping us updated Ryan. Please do let us know what you end up finding out.



[Justin Johnson](#) 983 posts since May 12, 2017

Re: DD8 reaccuring NOx issues Apr 1, 2019 7:58 PM

Did you get to the bottom of this one Ryan?



[Ryan Ireland](#) 34 posts since Feb 22, 2016

Re: DD8 reaccuring NOx issues Apr 2, 2019 10:57 PM

Truck is on its way back in this Thursday apr. 4, 2019. Will update on findings



[Ryan Ireland](#) 34 posts since Feb 22, 2016

Re: DD8 reaccuring NOx issues Apr 11, 2019 12:24 AM

Found issue was with the PTO settings, other tech installed switch to turn on remote idle without having to change parameter.



[Adam Nolden](#) 1 posts since Nov 16, 2015

Re: DD8 reaccuring NOx issues Oct 27, 2020 3:27 PM

I have a dd8 with the same recuring fault 4364/17. What did you ever come up with for a fix?



[Ryan Ireland](#) 34 posts since Feb 22, 2016

Re: DD8 reaccuring NOx issues Oct 29, 2020 12:54 PM

Not really this truck has been back multiple times for NOx concerns. I believe we have replaced all of the aftertreatment components



[Shawn Klein](#) 63 posts since Nov 10, 2014

Re: DD8 reaccuring NOx issues Dec 4, 2020 7:01 PM

Ryan, You stated the issue was resolved (?) with a parm setting. What is the parm and can you provide a vin?



[Ryan Ireland](#) 34 posts since Feb 22, 2016

Re: DD8 reaccuring NOx issues Dec 11, 2020 3:47 PM

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the vin is KJ9355. The parameter had to do with remote throttle, this truck is a rural area trash truck. that when the remote throttle was enabled it would not allow truck to regen. The tech installed a switch on dash that could turn off remote throttle from in cab.