

3226/20 Fault code always came back



[Martin Bouchard](#) 10 posts since Dec 15, 2014

3226/20 Fault code always came back Feb 2, 2021 4:24 AM

Hi guy's!

We got so many issue about fault code 61/3226/20. There is a bunch of vehicle that always came back with this fault. T/S only said to check connection and if in good condition replace Outlet NOX sensor. Most of the time fault code came back with 2 new sensor installed back to back with only a week between. Is there something that am i missing??. There is a log file with a parked regen for info.

- [\(1FUJGLDR6JLJL7673\) 2-1-2021 2020.35.DrumrollLog](#) 7.7 MB



[James McFadden](#) 198 posts since Dec 9, 2014

Re: 3226/20 Fault code always came back Feb 2, 2021 1:08 PM

ok 3 things I'm thinking is possibly your building up or dosing to much def, and the outlet is reading that the conversion is lower than expected for the amount of def it thinks it injects . OR. .your getting some of the reman nox sensors and we know how the reman stuff is ..and last you might have a issue with the one box or something in the combustion system of the eng as the code is detecting that the oxygen level reported from the NOx sensor is out of a calibrated range. to much or to little O2 . think EGR.



[Scott Trippel](#) 4,094 posts since Dec 13, 2014

Re: 3226/20 Fault code always came back Feb 4, 2021 12:00 AM

Are you working on a GHG17? Cause that is the TS steps, you have stated
But if it is a GHG14 the code is way different.



[Martin Bouchard](#) 10 posts since Dec 15, 2014

Re: 3226/20 Fault code always came back Feb 8, 2021 11:26 PM

This fault code always came back on GHG17



[Dave Ricks](#) 8 posts since Sep 24, 2015

Re: 3226/20 Fault code always came back Feb 9, 2021 12:51 PM

I have the same issue. We followed the troubleshooting but there's not much troubleshooting. The Dew point on the outlet
never switches to enable. We tried 2 new sensors and still same issue. Could this be a harness issue.



[Kyle Siebert](#) 4,151 posts since Nov 14, 2014

3226/20 Fault code always came back

Re: 3226/20 Fault code always came back Feb 9, 2021 3:02 PM

Good point, what's the build date of these trucks?

Re: ghg17 ACM one box harness rub thru from lack of friction tape Intermittent 625/9 and 1231/9



[Dave Ricks](#) 8 posts since Sep 24, 2015

Re: 3226/20 Fault code always came back Feb 10, 2021 11:14 AM

Build date

02/22/2017



[Kyle Siebert](#) 4,151 posts since Nov 14, 2014

Re: 3226/20 Fault code always came back Feb 10, 2021 10:43 PM

Yeah, build before July 2017, probably needs a ACM onebox harness.



[Brandon Button](#) 4 posts since Oct 20, 2020

Re: 3226/20 Fault code always came back Feb 10, 2021 12:15 PM

Has anybody found any further information regarding possible root cause? We have a unit that is on its 6th Nox sensor in approximately 6 months, most recently one week ago and it is back now. We thought we'd found it with bad remote sense wires, having battery voltage above normal faults present. Concluded that voltage spikes may have been damaging the sensor. Unfortunately, it's back, without voltage issues this time... Perhaps we are all seeing side effect of failing ACM's? Making incorrect determinations of these values being out of range?

Any thoughts would be appreciated!

Thanks



[Martin Bouchard](#) 10 posts since Dec 15, 2014

Re: 3226/20 Fault code always came back Feb 11, 2021 9:10 PM

We did have some news from CSC. They said that if unit operate in cold condition this fault code set prematurely. They are working on a new fuel map to correct this issue. No release date yet



[Kyle Siebert](#) 4,151 posts since Nov 14, 2014

Re: 3226/20 Fault code always came back Feb 11, 2021 10:11 PM

I find it very hard for this code to be caused by one box wiring rub thru, given the fault code info. But, given the build date I would be highly suspect of that one box harness. Would check warranty history to see if has been replaced/updated. Or just pull back part of the harness and check for through antichafe tape.

3226/20 Fault code always came back

We never got the last 6 of the vin on this one, otherwise id check myself for warranty history.



[Martin Bouchard](#) 10 posts since Dec 15, 2014

Re: 3226/20 Fault code always came back Feb 11, 2021 10:15 PM

My bad. JL7673



[Kyle Siebert](#) 4,151 posts since Nov 14, 2014

Re: 3226/20 Fault code always came back Feb 11, 2021 11:19 PM

Yep, yours is built before July 2017 as well with no claims of that harness being replaced. I would be highly suspect of that harness.



[Brandon Button](#) 4 posts since Oct 20, 2020

Re: 3226/20 Fault code always came back Feb 11, 2021 11:01 PM

Thanks Kyle. We did strip the entire GHG17 harness down today and found a TINY spot in the datalink to the nox sensor that was chaffed through enough to barely see copper. Chaffed by the loom, not a ground source. I dont find that to be a possible cause, but we are replacing the harness. The DPF's are 85% full. Wondering if that could be a contributor, however we show no signs of breach. The software situation that Martin mentioned sounds like a good chase. However, Detroit did not mention this to us at all when we inquired.



[Brandon Button](#) 4 posts since Oct 20, 2020

Re: 3226/20 Fault code always came back Feb 11, 2021 10:56 PM

Thanks for the reply Martin, great information.



[Francois Tourigny](#) 85 posts since Mar 8, 2019

Re: 3226/20 Fault code always came back Feb 12, 2021 4:19 AM

We've got a tons of this fault here in Quebec, D20M8 recall seems getting that code easier to come out. Hope spring coming soon!



[Martin Bouchard](#) 10 posts since Dec 15, 2014

Re: 3226/20 Fault code always came back Feb 12, 2021 9:29 PM

Good. I'm very happy that i am not the only one thinking that the D20M8 get this annoying fault code out