

SPN 1322/FMI 11 Misfire on Alternating...



Talbert Simonian 1,786 posts since Nov 21, 2014

SPN 1322/FMI 11 Misfire on Alternating Cylinders Detected, SPN 1324/FMI 10 Cylinder #2 Misfire Oct 5, 2020 4:40 PM

At a few of our Dealership Family Locations. We are coming across this issues. Mainly on New units from the Factory. One had only 36 miles on it. Another had 477nmiles on it. With these fault codes you are lead to believe that it is a injector issue or aerated fuel issue. What we have found is something completely off the chart in my book. The problem lies in the Flywheel. The timing teeth are too wide causing the issue. There is a procedure that has come out. Detroit does know about this but they will have you test everything first before looking at the flywheel. You can measure the timing marks without removing the transmission. I have a attached the procedure for measuring the timing marks.

I hope this helps in saving trouble shooting time. THIS ONLY A DRAFT IN FINDING THE ISSUE. This should only be used on new very low mileage units.

EDIT: I have removed the draft document shared in this post. **The procedure described is only to be performed as directed specifically by the CSC.** If you are encountering the issue discussed, please follow all relevant available troubleshooting and contact the CSC for additional support if the problem persists.

- Justin

Tags: injector timing, misfire



Robert Cadell Jr 2,643 posts since Nov 9, 2014

Re: SPN 1322/FMI 11 Misfire on Alternating Cylinders Detected, SPN 1324/FMI 10 Cylinder #2 Misfire Oct 2, 2020 12:34 PM

Thank for sharing Talbert. Great info



Jesse Gutierrez 432 posts since Mar 5, 2017

Re: SPN 1322/FMI 11 Misfire on Alternating Cylinders Detected, SPN 1324/FMI 10 Cylinder #2 Misfire Oct 3, 2020 3:45 AM

Just a FYI Robert and Talbert I created this same post a few months ago and it was taken down by Daimler as the information posted is not a official procedure yet and should only be performed after troubleshooting is exhausted for air in fuel etc and instructed to do this by CSC



Jesse Gutierrez 432 posts since Mar 5, 2017

Re: SPN 1322/FMI 11 Misfire on Alternating Cylinders Detected, SPN 1324/FMI 10 Cylinder #2 Misfire Oct 3, 2020 3:53 AM

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I came across roughly five or six of these trucks same issues about 5 months ago all low miles 30-50 and the ones that were higher mileage in the hundred had the codes logged close to 300 times . I ran all the same troubleshooting , checking for air in fuel , ran sight glasses on inlet and return lines , ISB , relative compression tests, Dyno . Finally got the right engineer which lead me to the flywheel issue , one of the units I had was LT2281 which was brand new at the time



[Robert Cadell Jr](#) 2,643 posts since Nov 9, 2014

Re: SPN 1322/FMI 11 Misfire on Alternating Cylinders Detected, SPN 1324/FMI 10 Cylinder #2 Misfire
Oct 3, 2020 11:01 AM

The original find and correct answer if this was a question goes to [Jesse Gutierrez](#), with his due diligence and troubleshooting of the issue. Thank you [Talbert Simonian](#) for adding this.



[Jesse Gutierrez](#) 432 posts since Mar 5, 2017

Re: SPN 1322/FMI 11 Misfire on Alternating Cylinders Detected, SPN 1324/FMI 10 Cylinder #2 Misfire
Oct 3, 2020 4:50 PM

@Robert & Talbert , Oh no I'm not trying to claim credit or anything were all here for the same reason helping each other out , Me and Talbert are actually apart of the same dealer family, I have yet to meet him but I have met a few of his mechanics while attending training classes .I just wanted to give a warning that it might or probably will get taken down as mines did . I was told by Johnson that this was a temporary repair practice as engineers are working on a permanent repair/ maybe update to correct this issue .



[Robert Cadell Jr](#) 2,643 posts since Nov 9, 2014

Re: SPN 1322/FMI 11 Misfire on Alternating Cylinders Detected, SPN 1324/FMI 10 Cylinder #2 Misfire
Oct 3, 2020 7:43 PM

I know but..... just a heads up the post maybe deleted since its not official

Rob "Doc" Cadell
DTNA Master Technician/Elgin Lead Tech
TransChicago Truck Group BFW
Shorewood IL 60404
803 917 5397 Cell
Good Hunting - you'll find your issue



[Scott Trippel](#) 3,958 posts since Dec 13, 2014

Re: SPN 1322/FMI 11 Misfire on Alternating Cylinders Detected, SPN 1324/FMI 10 Cylinder #2 Misfire
Oct 5, 2020 1:46 PM

What engines are effected? heavy duty or medium duty?

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Jesse Gutierrez 432 posts since Mar 5, 2017

Re: SPN 1322/FMI 11 Misfire on Alternating Cylinders Detected, SPN 1324/FMI 10 Cylinder #2 Misfire
Oct 5, 2020 2:35 PM

HEAVY DUTY DD



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Re: SPN 1322/FMI 11 Misfire on Alternating Cylinders Detected, SPN 1324/FMI 10 Cylinder #2 Misfire
Oct 5, 2020 3:20 PM

DD 15 Heavy Duty. This is something to look out for on only new unit with low mileage.