

Fault Code 520342-17



[Dave Dobraski](#) 26 posts since Sep 17, 2015

Fault Code 520342-17 May 15, 2020 7:43 PM

Have a 2019 Western Star with a DD13 and have code 520342-17. There is no trouble shooting in Diagnostic link or in PSL. Set a request in on it and was instructed to do three ADS self check s and send in log file. Has anyone else run into this code and if so where did you find the trouble shooting. Thanks in advance



[Michael Palumbo](#) 1,371 posts since Nov 13, 2014

Re: Fault Code 520342-17 May 15, 2020 10:27 PM

[Kyle Siebert](#) mentioned 520342-17 here The specified item was not found.



Kyle Siebert 

Apr 8, 2020 6:46 PM

520342 fmi 17

DEF system rationality DEF pump speed high

GHG17 DD13

Next Gen P4 pre JYST Cascadia

KL6680

Would be nice to know verification for this

They might need your log file to develop trouble shooting.

With nothing else to go on other than "DEF pump speed high", I would think the pump is sucking in air upstream or leaking DEF down stream. How is your DEF pressure?



[Kyle Siebert](#) 3,906 posts since Nov 14, 2014

Re: Fault Code 520342-17 May 17, 2020 1:40 AM

Fault Code 520342-17

This one we had come back 3 times. With CSC support. First time got a RS supply kit (to replace all DEF filters and screens), second time flashed software of PTECUs and third time replaced DEF pump.

But there wasn't any troubleshooting, I think we just went off what tech support was telling us the whole time.



[Michael Palumbo](#) 1,371 posts since Nov 13, 2014

Re: Fault Code 520342-17 May 17, 2020 2:01 PM

[Kyle Siebert](#) If you have time look at this thread. The specified item was not found.

Yes it is a different code and different emission level.

What I'm referring to is the description similarity.

Description	This Code Sets When the Diesel Exhaust Fluid (DEF) Pump Speed is Higher than Normal For a Given DEF Pressure
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FYI...The code 4374/0 on this unit was caused by a cracked (faulty) DEF tank header, as it was sucking air. DEF header was replaced, code was cleared and the truck was back on the road.



[Dave Dobraski](#) 26 posts since Sep 17, 2015

Re: Fault Code 520342-17 May 18, 2020 11:36 AM

This unit came in 2 days prior to this and had a different code and trouble shooting led us to install the def pump kit. Started a case file and had to log three ADS self test and send in then was notified to replace def pump and release truck. I did ask in the email how do we go about trouble shooting this and di not get an answer



[Robby Dabernig](#) 107 posts since Nov 14, 2014

Re: Fault Code 520342-17 May 19, 2020 10:36 AM

Had one come in with same issue. Couldn't find any t/s on this code. Called CSC and if I remember correctly, it was if the pump cannot get to 140 psi, they had us put a dosing valve on it. And that solved the issue. I'm assuming it was something with the pressure sensor.



[Brandon Crouse](#) 5 posts since Sep 12, 2017

Re: Fault Code 520342-17 Sep 2, 2020 2:46 PM

Fault Code 520342-17

I had a New Cascadia with a DD15 today with the same code. There is still not any published t/s for code that I have found. Unit is HU5556. Def pump psi was 145 with 2500 rpm pump speed. Installed mechanical gauge in line with dosing unit. Mechanical gauge is reading the same as the pressure sensor. I found that as I ran the ads self check a few times the def pump vents were starting to show signs of moisture. Replaced def pump and code went inactive.