

Cascadia DD15 14' with code SPN 3597...



[Victor Dodevski](#) 13 posts since Aug 6, 2019

Cascadia DD15 14' with code SPN 3597 FMI 4 and SPN 3463 FMI 16 Oct 1, 2019 8:45 PM

Hello there.

Today i worked on a Cascadia DD15 14' with code SPN 3597 FMI 4 - Proportional Valve Bank 1 Circuit Code Failed Low- Active

and SPN 3464 Fmi 16 - Intake Manifold Pressure too high due to wastegate-Permanent it's second time when this 2 codes show up together.. I'm performing parked regen they go away.. After few miles driving they come again..

Any advise ?



[Jon Cecil](#) 783 posts since Nov 25, 2014

Re: Cascadia DD15 14' with code SPN 3597 FMI 4 and SPN 3463 FMI 16 Oct 2, 2019 1:48 AM

You need to do the troubleshooting for those codes, not just do parked regens. Seems like you have 2 different issues going on.



[Victor Dodevski](#) 13 posts since Aug 6, 2019

Re: Cascadia DD15 14' with code SPN 3597 FMI 4 and SPN 3463 FMI 16 Oct 3, 2019 7:25 PM

Copy that sir!

Any idea which one OEM 10-pin connector ?



[Jon Cecil](#) 783 posts since Nov 25, 2014

Re: Cascadia DD15 14' with code SPN 3597 FMI 4 and SPN 3463 FMI 16 Oct 3, 2019 7:33 PM

10 pin OEM connector is sitting under the oil coolant module secured to a bracket



[Jimmy Garland - loc 0469](#) 1 posts since Nov 12, 2014

Re: Cascadia DD15 14' with code SPN 3597 FMI 4 and SPN 3463 FMI 16 Sep 6, 2020 4:38 PM

Detroit, does not like to tell you they hind parts, and connectors. Thanks!!!



[Jon Cecil](#) 783 posts since Nov 25, 2014

Re: Cascadia DD15 14' with code SPN 3597 FMI 4 and SPN 3463 FMI 16 Sep 6, 2020 5:43 PM

When it comes to OEM wiring, it's better to look through PartsPro under the VIN to look at the installation drawings. Mod 283 shows the engine wiring which should include the 10 pin connector.

Cascadia DD15 14' with code SPN 3597...



[Justin Johnson](#) 975 posts since May 12, 2017

Re: Cascadia DD15 14' with code SPN 3597 FMI 4 and SPN 3463 FMI 16 Oct 4, 2019 5:26 PM

Let us know what you end up finding Victor.



[Victor Dodevski](#) 13 posts since Aug 6, 2019

Re: Cascadia DD15 14' with code SPN 3597 FMI 4 and SPN 3463 FMI 16 Oct 5, 2019 1:12 AM

Ahh not so much sir.. During troubleshooting when I disconnected OEM 10 pin connector .. Engine fan code come away that is shorted and I stop there.. Probably Monday I'll continue looking



[Justin Johnson](#) 975 posts since May 12, 2017

Re: Cascadia DD15 14' with code SPN 3597 FMI 4 and SPN 3463 FMI 16 Oct 11, 2019 9:40 PM

Still fighting with this one Victor?



[Victor Dodevski](#) 13 posts since Aug 6, 2019

Re: Cascadia DD15 14' with code SPN 3597 FMI 4 and SPN 3463 FMI 16 Oct 17, 2019 1:04 AM

No sir.. I found 2 bad wires on the main harness 1-2 ft away from the mcm.. 100% luck on this one