

DTNA Solutions > Discussions and Feedback > Tech Talk > 520240/19 VRDU?



+ Gerry_Zukauskas

New User

12-02-2019 04:59 PM

520240/19 VRDU?

Does any one was challenging code 520240/19 ? 2019 Cascadia

Labels :

Brakes | Air | and Hydraulic Systems

Electronics | Controls | Configuration | Communication | and Diagnostics

Freightliner

New Cascadia

Power | Electrical | Harnesses | and Wiring

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1 Kudo

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Talbert_Simonia

King Pin

12-02-2019 05:21 PM

What is the VIN? In the New Cascadia Manual it shows.

520240	19	External Brake Demand System (VRDU) - received network data in error.
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1 Kudo

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Gerry_Zukauskas

New User

12-03-2019 05:42 AM

VIN KJ5565

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0 Kudos

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Jon_Cecil

Gear Head

12-03-2019 09:27 AM

What troubleshooting have you done?

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0 Kudos

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Gerry_Zukauskas

New User

12-03-2019 09:36 AM

ABS Module was replaced/updated , VRDU2 module was replaced/updated, wires and connectors checked for loose pins.

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Kyle_Siebert

Optimus Prime

12-03-2019 12:15 PM



Quick search of your spn pulls up Re: SPN/FMI=520240/9 EXTERNAL BRAKE DEMAND SYSTEM (VRDU) / ABNORMAL UNPDAT RATE (520240/9) CAN NOT...

This post has a great deal of info for the Chassis can and starpoint locations.

Is this code from the ABS ECU? Found in the Wabco maintaince manual for it some of the issues are

Check the failure memory of the VRDU ECU and repair all failures.

- Check the wiring of the chassis CAN data connection and the relating electric connectors between ABS ECU and the VRDU ECU.

Remark: VRDU = Video Radar Decision Unit

You could be dealing with issues in the chassis can datalink or the starpoint connector.

[Read Before Posting - Info to Add to Every Question](#)

Bring it in to a freightliner dealer if you're still having issues.

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Gerry_Zukauskas

New User

12-03-2019 02:00 PM

Where I can get wiring drownings for VRDU2 ECU and ABS ECU ? I checked CAN data wires it was working fine, no short on CAN wires and power and ground is OK.

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 Jon_Cecil

Gear Head

12-03-2019 04:35 PM

You can go to EZ-Wiring and look up diagram G66-01253-001 or go to module 73G in Parts Pro to get to the same diagram

Add tags



0 Kudos

Reply



 Gerry_Zukauskas

New User

12-03-2019 04:53 PM

Will try that.
Thank you

Add tags



0 Kudos

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Tyler_Messina

Lube Tech

04-07-2021 12:18 PM

was this unit ever fixed?

I have the same truck vin KJ5565 in our shop with the same code again.

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0 Kudos

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