

P4 New Cascadia ICU display blank but...



[Kyle Siebert](#) 3,910 posts since Nov 14, 2014

P4 New Cascadia ICU display blank but gauges work Aug 30, 2018 3:57 PM

No codes. I pulled fuse to the battery of the ICU at F32 5 amp fuse and got all types of codes and gauges went inop.

Cant find a ignition fuse. Drawing [G66-01010-000](#) says it comes out the VPDM at J6/E1 but the VPDM chart doesn't list that as a pin out, for a fuse location or type, Not sure what that is about?

I see that the newest flash for the icu has a different data set part numbers that changed. Flashed to Factory with no change and have battery voltage to x1 pins 2, 10 and 13 for ground ignition and battery. Gonna order a New ICU, just wanted to see if anyone had this issue yet.

Tags: icu, vpdm, new cascadia, p4, next gen cascadia, display inop



[Talbert Simonian](#) 1,741 posts since Nov 21, 2014

Re: P4 New Cascadia ICU display blank but gauges work Aug 30, 2018 4:04 PM

I have heard of this only once. One of our day shift technicians came across this issue. Same fix. Replace the ICU.

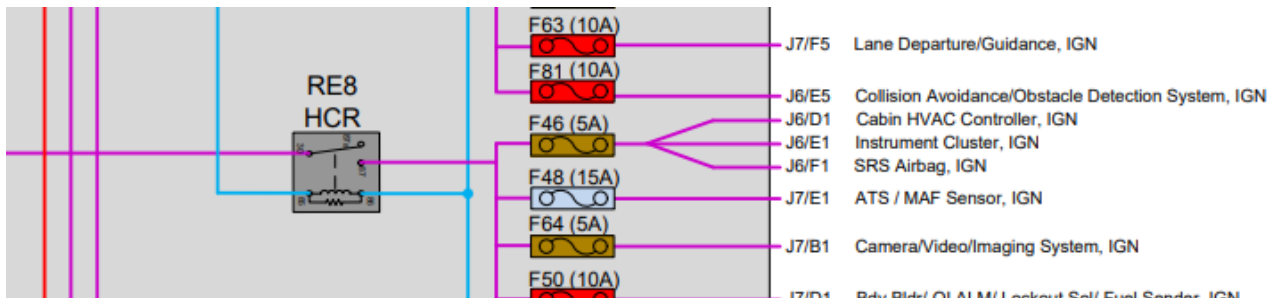


[Justin Johnson](#) 975 posts since May 12, 2017

Re: P4 New Cascadia ICU display blank but gauges work Aug 30, 2018 4:19 PM

I had to take a peek at the chart and check. It's just past half way down on the right side. **F46** If i'm reading that right.

<https://dtnacontent-dtna.prd.freightliner.com/content/dam/dtna-servicelit/dtna/pspdfs/others/STI-503.pdf>

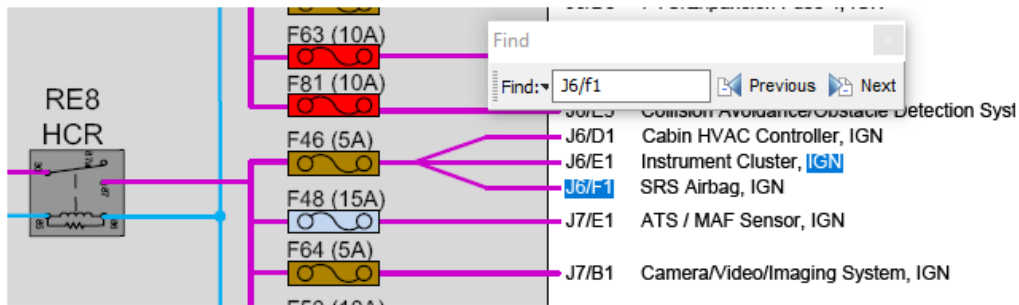
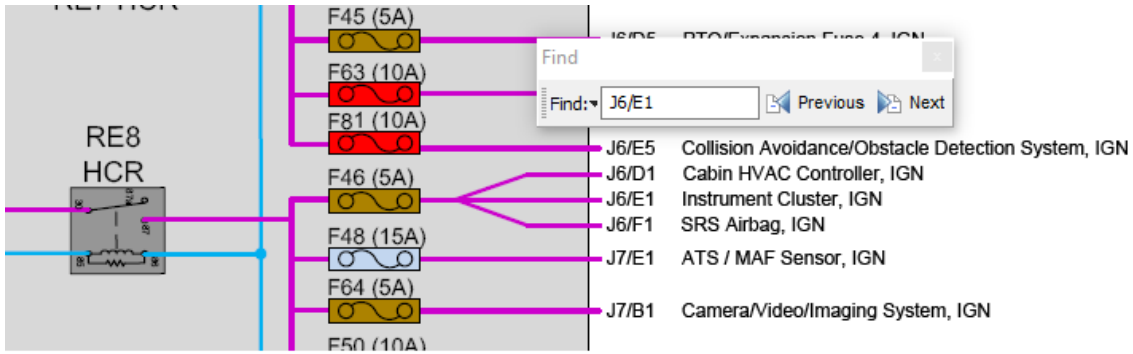


[Kyle Siebert](#) 3,910 posts since Nov 14, 2014

P4 New Cascadia ICU display blank but...

Re: P4 New Cascadia ICU display blank but gauges work Aug 30, 2018 4:46 PM

I wonder why that doesn't show up in the search feature?



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

Re: P4 New Cascadia ICU display blank but gauges work Aug 30, 2018 5:11 PM

Now that's a good question!

Edit - I just tried that too and it did show up in a *find* for me. Strange.



[Kyle Siebert](#) 3,910 posts since Nov 14, 2014

Re: P4 New Cascadia ICU display blank but gauges work Aug 30, 2018 6:42 PM

I forgot to mention

P4 New Cascadia ICU display blank but...

Now I got a code for 524023/9 Saying the multipurpose camera is not seeing the ICU and to check CGW parameters. Auto config didn't change anything. Cycling laptop, key off 10 min still active. Cycling battery disconnect, literally cleared the code.



[Robert Cadell Jr](#) 2,590 posts since Nov 9, 2014

Re: P4 New Cascadia ICU display blank but gauges work Aug 30, 2018 8:19 PM

is there a midget in your dash? Sorry being smart. That's interesting kyle, is your databus in tact?



[Kyle Siebert](#) 3,910 posts since Nov 14, 2014

Re: P4 New Cascadia ICU display blank but gauges work Aug 31, 2018 12:57 AM

I didn't check it. Only because I got missing ICU codes from other ECUs when I pulled the ICU battery fuse.



[Kyle Siebert](#) 3,910 posts since Nov 14, 2014

Re: P4 New Cascadia ICU display blank but gauges work Sep 2, 2018 2:13 AM

Put in a new ICU and it fixed it. Really helped was the video. [SS1169 New Cascadia - Dash Top Removal Procedure](#)

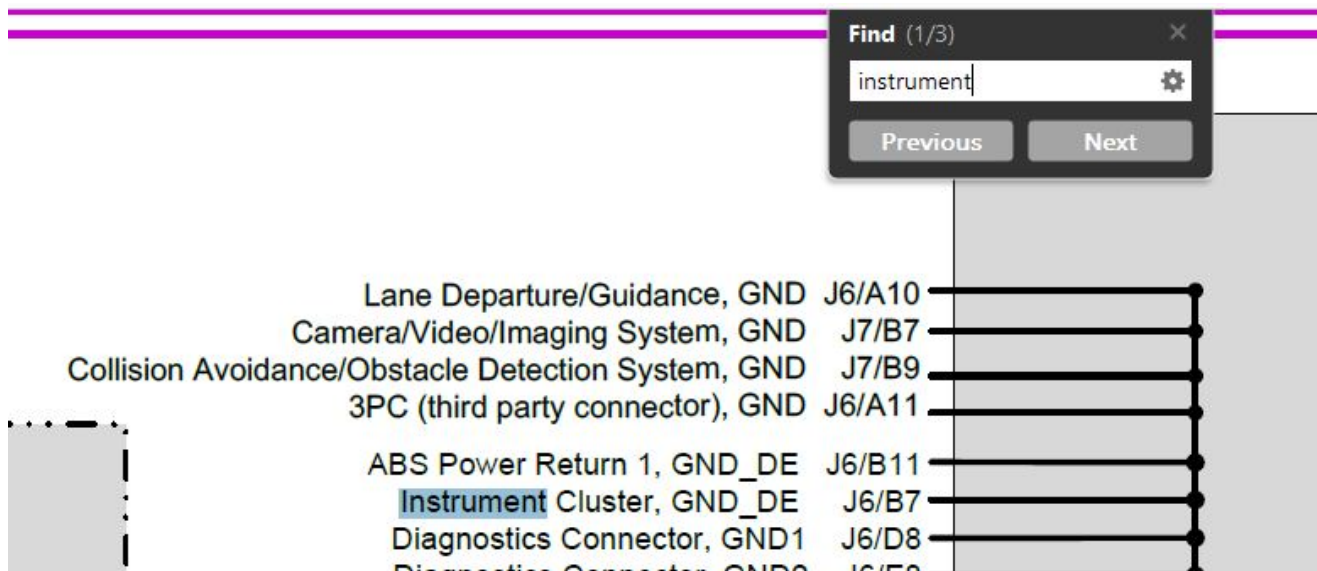


[Michael Palumbo](#) 1,372 posts since Nov 13, 2014

Re: P4 New Cascadia ICU display blank but gauges work Sep 16, 2020 2:36 AM

Just ordered an ICU for a new, New Cascadia. I updated software, it started working again but stopped later in the day.

btw, the ICU ground is to the VPDM also.



P4 New Cascadia ICU display blank but...