

P4 Dome lights coming on while driving



[Josh Hudson](#) 3 posts since Feb 6, 2018

P4 Dome lights coming on while driving Dec 18, 2020 2:28 PM

Has anyone ran into a P4 that the dome lights come on while driving? I looked at one US xpress unit earlier this week with that complaint and could not duplicate but I was told that 2 more of their drivers have come in this week with the same complaint, all of which were 2021's. Just wondering if anyone has seen any of these.



[Jon Cecil](#) 901 posts since Nov 25, 2014

Re: P4 Dome lights coming on while driving Dec 18, 2020 9:40 PM

Do the dome lights work normally when depressing the switches? I had one that the driver was complaining they were staying on. When I got into the unit, the dome lights were not working in the sleeper. Could not get them to work at all. Found a connector not plugged in all the way in the left kick panel. Dome lights were working correctly afterwards. Not sure if you possibly are dealing with an intermittent connection at this connector. Providing a VIN always helps us help you.



[Jeff Waara](#) 2 posts since Jun 3, 2015

Re: P4 Dome lights coming on while driving Dec 18, 2020 10:08 PM

I have seen an increasing number of P4's having this issue. The cab dome light will flash on and off and the driver can not stop it from doing that. I have not heard of any fix yet, An example of unit doing this is VIN# MC1071 which is a 2021 P4. I have heard about this on 5 units so far all 2021 P4's, Doe anyone have any idea on this? thanks



[Michael Palumbo](#) 1,534 posts since Nov 13, 2014

Re: P4 Dome lights coming on while driving Dec 21, 2020 11:45 AM

Flashing on and off could be a separate, although similar issue. What I mean is flashing sounds faster than what I have witnessed. There is a recent SS post for reading lights flickering. [SS 1034868 New Cascadia Flickering Reading Light](#)



[Talbert Simonian](#) 1,822 posts since Nov 21, 2014

Re: P4 Dome lights coming on while driving Dec 18, 2020 11:05 PM

I am just thinking outside the box on this. I have not seen this issue yet. I wonder if there is a parameter not being met. Door open, over speed, to close to the next vehicle. It almost sounds like it warning the driver of something. Because no one can duplicate it. Just a thought.



[Jeff Waara](#) 2 posts since Jun 3, 2015

P4 Dome lights coming on while driving

Re: P4 Dome lights coming on while driving Dec 18, 2020 11:10 PM

From what I am seeing this is happening while the truck is parked or driving.

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Michael Palumbo 1,534 posts since Nov 13, 2014

Re: P4 Dome lights coming on while driving Dec 19, 2020 1:03 AM

<https://www.dtnasolutions.com/message/23710>

I posted a comment 8/31/2020 with a video and log file of one that was acting up repeatedly. That one required a new sSAM. I have had one more since then. Reflashing the sSAM to newest fixed that one.

The behavior reminded me of what it looks like when you hold the dome light switch down. Because of that similarity my guess is the problem lies in the sSAM internal circuitry related to theater lighting or dimming feature. If I see another one and have time, I would like to find a parameter related to theater lighting and turn that feature off to see what effect it has.

Saying all that, if nothing is found in the wiring:

Try disconnecting the sSAM for a few minutes to see if whatever is stuck resets. Disconnecting the batteries might be easier.

Try updating the sSAM software to newest

Try a test sSAM

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Jon Cecil 901 posts since Nov 25, 2014

Re: P4 Dome lights coming on while driving Dec 19, 2020 1:50 AM

There used to be a bug/glitch in the P3's that would cause the dome lights to stay on. The fix was to reprogram the software in the SAM CAB, or disconnected the batteries for 10 minutes. Kind of makes sense what [Michael Palumbo](#) is saying.



Penske Surrey 4 posts since Jun 4, 2015

Re: P4 Dome lights coming on while driving Dec 20, 2020 4:01 PM

I've had a unit where the dome lights would flicker on and off constantly, ended up being some corroded pins and wires behind the p/s kick panel. my guess was that from a previous windshield leak caused the damage.