

# P4 bunk blower on low all the time...

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[Clayton Campbell](#) 138 posts since Feb 16, 2016

## **P4 bunk blower on low all the time after software updates** Oct 23, 2020 11:42 AM

The complaint was " set the front blower to any speed bunk goes to 1, after 10 to 50 minutes the rear will match the front blower setting" I updated the chassis ECUs as a couple weren't compatible ( driver's door module and all three HVAC controllers ), now the rear is always on 1 even with both controllers on OFF..... and with the bunk override OFF the bunk blower matches what ever the front is set to except off. This is the third of their three brand new trucks to be back here with a complaint relating to the bunk blower, the other two I could never recreate the complaint but the other had similar complaints with each other, just driving down the road the bunk would turn on to HIGH, went through the grounds and splices and I thought they were fixed till they brought us this one and revealed the other two are not fixed..... any insight?

Tags: hvac, p4, blower



[Kyle Siebert](#) 4,010 posts since Nov 14, 2014

## **Re: P4 bunk blower on low all the time after software updates** Oct 23, 2020 2:45 PM

Check p/n's on HVAC controllers and verify they are correct per parts pro? Per some campaign, the Front HVAC controller should always be flashed first.



[Clayton Campbell](#) 138 posts since Feb 16, 2016

## **Re: P4 bunk blower on low all the time after software updates** Oct 23, 2020 4:28 PM

found in section 8.13 of the driver's manual that the rear blower is supposed to come on when the front is in AC mode, even when the setting for the rear blower is in the off position, to prevent the rear from freezing up, one is the minimum speed and it varies from there as the rear blower speed is dependent on the evaporator temp.....



[Kyle Siebert](#) 4,010 posts since Nov 14, 2014

## **Re: P4 bunk blower on low all the time after software updates** Oct 23, 2020 4:53 PM

I knew that it comes on. I thought it was supposed to be on just low. Nice to know it's variable to match evap temp.

I think it's still very mysterious. I had a truck come in for this complaint twice. First time I explained it from the workshop manual. Second time though, he brought it in while it was acting up. No matter what position the front or rear was set to, temp, door or fan speed. The rear stayed on high a/c. As soon as I connected diagnostic link, it went normal. Couldn't get it to act up again with diaglink connected or not. The first time I flashed all hvac controllers. Still haunts me, as to how and why that one glitched out, intermittently.

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[Martin Bouchard](#) 4 posts since Dec 15, 2014

**Re: P4 bunk blower on low all the time after software updates** Oct 24, 2020 1:48 AM

Hi guy's

I got the same issue there. The bunk blower switch setting always go from position 1 to position 7 intermittent while driving or idling. I got a log file of this if you can see something that I don't.

- [\(1FUJHHFG1LLLC8339\) 10-15-2020 1723.38.DrumrollLog](#) 321.5 KB



[Michael Palumbo](#) 1,456 posts since Nov 13, 2014

**Re: P4 bunk blower on low all the time after software updates** Oct 24, 2020 4:01 PM

Looked at your log. Looking at panel I/O Control HVAC.

**Mode (front)**, Mode Switch Setting says DEFOG. Curiously, Defrost is about 35% and Floor is about 95% which equals 130%. Those did not change through the whole log, at least I did not see them change..

**Blower Fan (front)**, Blower switch setting never strays from 1.

Could those two be combining to override AC Mode Switch Status OFF to keep the windshield from fogging by way of keeping A/C compressor request status as well as AC Clutch Output Status on? I don't know, but if they are, your rear A/C blower could be self adjusting to prevent rear evap freeze up.



[Michael Dowdle](#) 12 posts since Aug 12, 2016

**Re: P4 bunk blower on low all the time after software updates** Oct 24, 2020 5:19 PM

Just out of curiosity, do these units have an APU attracted to them, or a park smart set up?



[Martin Bouchard](#) 4 posts since Dec 15, 2014

**Re: P4 bunk blower on low all the time after software updates** Oct 26, 2020 1:26 PM

We do try both brand new FCU and ACU. Same issue. No Parksmart set up. I am also thinking about that the ACU rev up the blower to prevent evap freezing. Cause the thing that I know is that the Blower knob setting is always at 1 with 800 rpm at blower while engine running with FCU in defrost But to rev it up like this??