

Parksmart Fan Control



[Robert Letkeman](#) 18 posts since Jun 6, 2020

Parksmart Fan Control Sep 10, 2020 12:38 PM

I have a 21 Cascadia DD15 with parksmart. It doesn't seem to matter where I set the fan speed in the bunk, it always cranks itself up to full speed. When this happens I can't control it with the cab override button. I have to go to the bunk fan speed control and turn it to top speed and then set it to what I want. Most times it just ends back on full speed. No codes. Any ideas As to the issue?



[Kyle Siebert](#) 4,101 posts since Nov 14, 2014

Re: Parksmart Fan Control Sep 10, 2020 9:01 PM

Make sure all 3 HVAC controllers have correct part number per parts pro. Flash all three starting with front HVAC controller. If that doesn't fix it, check the blower signal wire for a possible short to ground. I believe that circuit runs from the BPHS/parksmart ecu to the blower. Could be you have a bad blower motor too.

whats the last 6 of your vin?



[Robert Letkeman](#) 18 posts since Jun 6, 2020

Re: Parksmart Fan Control Sep 11, 2020 12:54 PM

My vin is MD3808.

Not sure if it will be related but while driving for awhile the air slowly gets cut off to all the front vents. I have to stop and reset the HVAC controls once sometimes twice before it'll work again. Sometimes even if I do that the air will still get cutoff after I start driving again. If it's not related I can throw it on another thread.



[Kyle Siebert](#) 4,101 posts since Nov 14, 2014

Re: Parksmart Fan Control Sep 15, 2020 11:09 PM

No, don't make another thread. So, you can hear the fan spinning but no air is coming out of the dash vents?

Do a a/c performance test, could be your TXV is stuck open allowing the evaporator to freeze up. I had that happen on a p4 recently. But it would freeze up, and have to sit about 30 min for it to melt and thaw. Was able to reproduce it, removed the evap temp sensor and was able to confirm the evaporator did freeze up. This was for the front HVAC unit.

I do see this has a parksmart or a BPHS. I have a feeling the blower PWM signal for the sleeper is shorting to ground somehow or its the rear controller a problem with the actual fan speed dial. Diagnostic link should tell you the status of the blower knob position, if that's showing full speed when the blower is running high, and its

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actually at low or zero, then maybe its that controller. But if its commanded off and still going full speed, it is likely the PWM signal circuit shorted to ground. Full ground on that pwm signal will cause the blower to run on high speed.



[Robert Letkeman](#) 18 posts since Jun 6, 2020

Re: Parksmart Fan Control Sep 15, 2020 11:54 PM

Thanks for the info. I will get to a shop ASAP to confirm. I appreciate everyone's help



[Talbert Simonian](#) 1,850 posts since Nov 21, 2014

Re: Parksmart Fan Control Sep 14, 2020 3:28 PM

Robert with the VIN you provided it does not have Parksmart. It has Optimized Idle. I would use a Test Controller.



[Robert Letkeman](#) 18 posts since Jun 6, 2020

Re: Parksmart Fan Control Sep 14, 2020 4:02 PM

I have both optimized idle and Parksmart.

my full vin is 1FUJHHDR1MLMD3808



[Robert Letkeman](#) 18 posts since Jun 6, 2020

Re: Parksmart Fan Control Jan 16, 2021 3:32 PM

So I had the dealer look at my fan speed issue and they did an update on the HVAC for both the parks mart and cab. It's been a few weeks and everything seems to be working properly. Thanks for all the advice and help.