

I NEED VIN# FOR P3 CASCADIA/DT12 WITH...



[Chris Edwards](#) 41 posts since Feb 5, 2015

I NEED VIN# FOR P3 CASCADIA/DT12 WITH PTO Sep 15, 2020 1:15 PM

I HAVE CUSTOMER THAT INSTALLED PTO ON DT12. THE HARD PARTS ON TRANS ARE COMPLETE. I NEED WIRING TO CONNECT SOLENOID AND ADD SWITCH IN CAB. I SEARCHED ALL PTO BOOKS. EVERYTHING I FIND IS ONLY REFERENCING TO NEW CASCADIA. I CANT FIND MUCH FOR OLD CASCADIA.

Tags: dt12 pto



[Jesse Gutierrez](#) 431 posts since Mar 5, 2017

Re: I NEED VIN# FOR P3 CASCADIA/DT12 WITH PTO Sep 15, 2020 8:11 PM

LW4866 HERC RENTAL TRUCK WITH FACTORY INSTALL PTO/PUMP ASSEMBLY , WHAT YEAR P3 ARE YOU WORKING ON AND WHAT TYPE PTO SETUP ARE THEY GOING TO BE USING THIS TRUCK FOR, END DUMP, WALKING ETC??



[Chris Edwards](#) 41 posts since Feb 5, 2015

Re: I NEED VIN# FOR P3 CASCADIA/DT12 WITH PTO Sep 16, 2020 11:49 AM

hey jesse, it is 2016 MY they are running stationary pto for liquid transfer pump. still waiting to hear back on what kind of speed they need. thanks.



[Jesse Gutierrez](#) 431 posts since Mar 5, 2017

Re: I NEED VIN# FOR P3 CASCADIA/DT12 WITH PTO Sep 16, 2020 2:07 PM

sounds good hopes that helped , let me know what they needed in rpm



[Chris Edwards](#) 41 posts since Feb 5, 2015

Re: I NEED VIN# FOR P3 CASCADIA/DT12 WITH PTO Sep 18, 2020 6:15 PM

Hey jesse. So I have this unit wired up. im confused as to what setting for some of input and outputs should be. in the drop down menu for c3-7,c3-8,and c3-18 there isn't option for pto solenoid,output,input,feedback ect, I have c2-9 set to hardwire and set pto speed 1 to my desired speed of 1000rpm. i even wnet in and compared the parameters of my truck to the vin of one you listed and thee r is output cpc4-9 showing as pto1 but that's not one of the pins i am tied into. this is a cpc04t ?



[Bill Eddy](#) 14 posts since Nov 17, 2014

I NEED VIN# FOR P3 CASCADIA/DT12 WITH...

Re: I NEED VIN# FOR P3 CASCADIA/DT12 WITH PTO Sep 16, 2020 10:15 PM

hello all i have donor SN JP7307 and diagram G06-94270 shows wiring to the CPC from hardwired switch to the CPC and from the CPC to the air solenoid. we have the same situation going on in one of our shops. the engine will ramp up but no pto engagement. when trying to program switch ID 207 into our MSF we get a window that comes up and says options not available on this firmware. engineers working with us but no resolve yet. so just throwing this out there.

bill



[Jesse Gutierrez](#) 431 posts since Mar 5, 2017

Re: I NEED VIN# FOR P3 CASCADIA/DT12 WITH PTO Sep 16, 2020 11:51 PM

it can be difficult setting up a pto on a pre GHG 17 unit



[Chris Edwards](#) 41 posts since Feb 5, 2015

Re: I NEED VIN# FOR P3 CASCADIA/DT12 WITH PTO Sep 18, 2020 7:41 PM

just update I found in the Detroit ghg14/17 A&I MANUAL. group 8.28 for stationary pto. the parameters required are listed out very well. however I found that the parameter groups are not all listed out in the cpc. the options in outputs 3-07,3-08 are not available and then group 56 isn't even in the cpc. the cpc is r34 level. so waiting on csc to see if different software level will make these parameters available or what.



[Jesse Gutierrez](#) 431 posts since Mar 5, 2017

Re: I NEED VIN# FOR P3 CASCADIA/DT12 WITH PTO Sep 20, 2020 5:55 PM

Yes they may have to unlock that for you had a similar issue happen before .. A&I manual is always very helpful .. let me know how this turns out



[Chris Edwards](#) 41 posts since Feb 5, 2015

Re: I NEED VIN# FOR P3 CASCADIA/DT12 WITH PTO Sep 29, 2020 9:11 PM

so according to csc a ghg14 is not capable of dt12 pto operations. the logic is not there according to who I spoke too. the transmission physically is fine for hardware. and there is a note in the manual that actually says that also. you know one of those little warning notes that you ignore. LOL. basically we were able to use same harness and switch. just run separate power feed from sam cab and then run thru switch and I used the pressure feedback from trans to control rpm thru cpc2-9 after engagement. the only difference that driver notices is that you have to engage gear before engaging the pto so the clutch will open then return back to neutral for operation. It all worked out pretty good.



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Re: I NEED VIN# FOR P3 CASCADIA/DT12 WITH PTO Sep 29, 2020 10:09 PM

I NEED VIN# FOR P3 CASCADIA/DT12 WITH...

CORRECT, GHG17 you can order from the factory with parameters set and the wiring are ready installed, GHG14 you can technically install the pto and pump but your not going to be using factory wiring or parameters, except for idle etc, set rpm with cruise basically



[Jesse Gutierrez](#) 431 posts since Mar 5, 2017

Re: I NEED VIN# FOR P3 CASCADIA/DT12 WITH PTO Sep 30, 2020 12:20 AM

Sorry I thought about it after you mentioned it I couldn't remember if it was ghg14 or earlier models that couldn't be wired through cpc etc , would have saved us a little trouble I found my notes after the fact



[Jesse Gutierrez](#) 431 posts since Mar 5, 2017

Re: I NEED VIN# FOR P3 CASCADIA/DT12 WITH PTO Oct 7, 2020 3:13 PM

So I found out some additional information for newer units that come in with the pto harness etc installed from the factory , when setting parameters etc Freightliner would like for you to call them tell them what RPM the pto needs to be set at , interlocks etc the customer may want and they will then set all those for you and have you download the update from the server so everything is set correctly and there will be no config issues