

P4 No crank intermittent *RESOLVED*



Francois Tourigny 76 posts since Mar 8, 2019

P4 No crank intermittent *RESOLVED* May 11, 2019 2:07 AM

Ok, truck VIN #JZ1970.

Customer bring the truck for no start issue, previous techs used autometer and found no issues, starter still replaced.

One week later, truck still in shop for a no-start issue intermittent.

As it's a come back, so they give me...

Ask driver for informations: when it won't start, he start on compression...Most of a time, after this, the truck is fine for a while..I asked him if he put truck on NEUTRAL; he says yes; ok fine..

So I print all starter wiring diagram, and connect DL8.

Checking for neutral input to sSam(X5/29)OK and B/U switch input to sSam(X5/28): all OK

Like driver didn't mentioned the blue screen into cluster appear, the screen that says here in Quebec in french: "mettre au point mort". I suspected Backup wiring, so I decided to check for the wiring to see if the BU signal can prevent truck from starting; the answer is yes (but there no display message into the cluster) *****a normal thing because if the shifter is putting into reverse, the neutral switch should pop the message into the display*****

HERE'S THE INTERESTING PART

But in my case a bolt from coolant line bracket that was holding one of two blue wire from Back-up switch, and sending message to sSam that the transmission is in reverse was pinched between the bolt and bracket onto transmission

Here are the pics:

So, here a screenshot of DL8 when wiggle wire onto the bracket:

Repair been made, truck fine...

Thanks, hope it help someone...

p4 new cascadia

will not start

starter

Tags: starter, will not start, p4 new cascadia

P4 No crank intermittent *RESOLVED*



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

Re: P4 No crank intermittent *RESOLVED* May 11, 2019 2:57 AM

"mettre au point mort" translates to "focus". Does that sound about right to you?

Nice find, thanks for sharing.



[Francois Tourigny](#) 76 posts since Mar 8, 2019

Re: P4 No crank intermittent *RESOLVED* May 11, 2019 3:26 AM

hum, "starter blocked, shift to neutral" that what it means, the LCD message when you are in gears

Have nice weekend!



[Jesse Gutierrez](#) 480 posts since Mar 5, 2017

Re: P4 No crank intermittent *RESOLVED* May 12, 2019 3:33 PM

I had similar issues starter was replaced 3 times at other shops, I ended up finding the circuit for starter over crank protection was intermittently going ol was rubbed on frame . repaired wire and issue never returned



[Joe Bryant](#) 35 posts since Nov 11, 2014

Re: P4 No crank intermittent *RESOLVED* May 13, 2020 2:32 PM

Great post.

Thanks



[Sebastien Auclair](#) 5 posts since Nov 7, 2018

Re: P4 No crank intermittent *RESOLVED* Jan 26, 2021 12:00 PM

bon post merci!