

2018 m2 pndb f2 125 amp fuse blown



[Daniel English](#) 4 posts since Apr 19, 2018

2018 m2 pndb f2 125 amp fuse blown Dec 29, 2020 11:14 PM

unit came in with the complaint of the wipers not working. another tech replaced the wiper switch and the connector then the wiper motor. truck was given to me. the icu was not powering up. no power at the icu on pin d14. led me to pdm all the fuses show 12vbc but drop to 5 vdc using the load pro. went to the pndb found the f2 125 am fuse blown. wondering if its a bad pndb or I need to keep looking . not sure what circuits f2 feeds



[Michael Palumbo](#) 1,587 posts since Nov 13, 2014

Re: 2018 m2 pndb f2 125 amp fuse blown Dec 30, 2020 12:57 AM

In BOM 285 look for the PDM schematic. It should start with G06-. The description is something like WRG-POWER DISTRIBUTION,M2. Bringing it up in ez-wiring you will be able to see the PNDM from the f2 to the PDM and how it is distributed inside of the PDM.

Because the 125a is so much larger than any individual fuse in the PDM, I would be inclined to look for rubbing in the red cable 14E, between the VPDM and the PDM.



[Robert Cadell Jr](#) 2,783 posts since Nov 9, 2014

Re: 2018 m2 pndb f2 125 amp fuse blown Dec 30, 2020 1:47 AM

Those 2 cables go from pndb, up, behind and roll under the pndb mount then to the pdm

Rob "Doc" Cadell
DTNA Master Technician/Elgin Lead Tech
TransChicago Truck Group BFWD
Shorewood IL 60404
803 917 5397 Cell
Good Hunting - you'll find your issue



[Daniel English](#) 4 posts since Apr 19, 2018

Re: 2018 m2 pndb f2 125 amp fuse blown Dec 30, 2020 12:10 PM

thank you I will check it out. also forgot to add the vin
Ke6710



[Geoff Ambrose](#) 19 posts since Jun 26, 2020

2018 m2 pndb f2 125 amp fuse blown

Re: 2018 m2 pndb f2 125 amp fuse blown Dec 31, 2020 4:36 PM

DON'T FORGET TO CHECK THE PNDB OUTPUT STUDS. I HAVE SEEN MUTLIPL E STUDS THAT JUST SPIN IN THE MODULE THAT APPEAR TO HAVE GOOD CONNECTION UNTIL YOU PUT A SOCKET ON THEM. WEIRD PART IS THAT SOMETIMES THE SPINNING STUD WILL CAUSE THE FUSE TO BLOW AND SOMETIMES IT WON'T.



[Daniel English](#) 4 posts since Apr 19, 2018

Re: 2018 m2 pndb f2 125 amp fuse blown Jan 4, 2021 12:30 PM

the issue was the stud thank you



[Geoff Ambrose](#) 19 posts since Jun 26, 2020

Re: 2018 m2 pndb f2 125 amp fuse blown Jan 5, 2021 6:42 PM

You're welcome. Glad I was able to help. Sometimes its nice being so close to the factory and I95 at the same time because I get to see a lot of odd things on new trucks most people may never see but the catch to that is sometimes it's a headache because if no one else has seen it then I'm completely on my own. Love the trill of the hunt.