



# BUS CHAT



## DDEC Comes on Unreliably

**Post by:** Sebulba

Hello all,

When our bus sits for a while, I disconnect the main power switch and turn on our battery tender. I then turn off the battery tender and turn on the main battery switch, when I go to start the beast. I'm not sure if this procedure is related to my problem or not, but the DDEC doesn't come on reliably.

Today I started the bus several times working on another thing and so far, the DDEC has not come on. Should I disconnect when hooking up the battery tender? Am I causing this to happen? What triggers the DDEC to turn on?

**Post by:** Bill Gerrie

The DDEC power wires are supposed to be connected directly to the battery. Follow the wiring diagram and you should find they are not connected after the battery switch. If they are, maybe you should change the power leads to be directly off the 12-volt section of the battery bank.

**Post by:** Sebulba

Hmmm, I don't know if they are connected before or after the battery switch. I just assumed the battery switch disconnected everything. Ok, well then, I guess that my disconnecting the battery would not be an issue. The mystery continues.

**Post by:** Sebulba

Well, now I started up again, and this time the DDEC lit up. I wish I knew why it comes on sometimes and not other times. It does seem that when we are traveling every day and don't disconnect the main power it just works every day. It seems that when we sit for a week, or a month is when this happens.

**Post by:** luvrbus

What in the world are you talking about? The small panel on the dash on the DL? The DDEC lit up (started) or you would still be trying to start the engine. The DDEC is on all the time. The disconnect switch will not shut the power off to it. All the fuses are in the battery box on the DL except for the shift pad. That is under the driver's window in the fuse box. You lost me on this one.

**Post by:** Sebulba

Yes, that small panel in the middle. And when it doesn't light up, I have no high idle, or turn signals. There are probably other things that aren't functioning when it doesn't come on, i.e. light up. The engine does start with it not lit up. The second day I owned it, I drove it without it lit up. That's how I know I don't have turn signals when not lit.

Thanks for chiming in. I truly appreciate your input. I just would like to feel confident that this will function when ready to roll and wonder what is going on and would like to address it if there is a problem.

**Post by:** Bill Gerrie

When you start the engine do you wait till the CEL and SEL go out before starting? You should wait until the computer runs a self-diagnosis. After the lights go out you start the engine. Sounds like you have a few bad connections.

**Post by:** Sebulba

You may be onto something here. I just hit the master switch and then the start switch. What do CEL and SEL stand for? I am guessing they may be lights on the dash to wait for.

**Post by:** luvrbus

The information panel has a plug-end harness. It just needs cleaning. No fast idle and the cruise will not work either. The turn signals should work but they don't display. The joy of electronics will keep you busy.

**Post by:** Bill Gerrie

The SEL (the red one) stands for stop engine light which will shut the engine down. It is a major fault. The CEL (the yellow one) is for minor faults. It warns you of an issue but won't shut you down. You should have a momentary switch located near the lights which will put the lights into a test mode and if all is good it will flash 25x on each one.