

Using the USB Cable #55684 with the different ECU types

Using the new USB cable is very similar to using the old style cable that had a serial connection. Most likely you were using a USB to Serial adapter to connect to your PC. With this new USB cable the operation still includes, turning off the DC breaker before connecting the cable, then picking the correct Communications (COM) port, then clicking on *Start Communicating...* to start the communications link.

Aligning the connector properly to Pin #1 is a little different than the older cable. The older cable had the wires exposed and you could see the RED wire that would align on top of Pin #1. Now the connector is covered, there is no more RED wire, and you cannot see the wiring. There is now a label on the connector indicating to align the label with the outer edge of the ECU. *If for some reason your label falls off and you cannot tell which way to connect it, simply try it in one direction and if you cannot communicate, flip the connector over in the other direction and try it. Once you are communicating you can add some label of your own to identify the proper direction.*

There is a slight change in operation on the older Low CO products. These products can be identified by the ECU type, which will be the EC10 family of ECU's. They can also be identified by having two Oxygen sensors instead one, and they do not have an *IDLE* mode. With no *IDLE* mode the engine must be running before you can communicate with the ECU.

After connecting the cable to the ECU and turning on the DC power you must depress the START/STOP switch in the Stop or Prime position before trying to start your genset.

Failure to do this step may prevent the genset from starting or may cause the engine to run badly if it does start. So please depress the STOP button after connecting the cable.

If your genset is an OBD1 model (20 -22.5kw) the ECU will be of the EC10 family. This procedure is not necessary because it has an *IDLE* Mode. After connecting the cable and powering up the genset you should be able to start communications and start the genset.

All of the gensets designed for the EC11 ECU will have no issue with the cable connection. This ECU is used on the multiport injection models.

Also all of the Diesel Line of D-Net products can use the cable without any issues.

When in doubt, you cannot go wrong by depressing the STOP button before trying to start your genset.