



Cummins PCC2300-2301 ModPro Controller Connection Guide



Essential Install Wires

MODPRO CONNECTION	CONNECTION LOCATION & NOTES
Battery Positive (+)	Engine Battery Positive (B+)
Battery Negative (-)	Engine Battery Negative (B-)
RS485 A - #5	TB15-#4
RS485 B - #4	TB15-#3
RS485 Com/Shield - #3	TB15-#1

⚠ PLEASE READ ALL INSTRUCTIONS PRIOR TO INSTALLATION ⚠

INSTALLATION PROCESS AND SEQUENCE:

1. Locate the antenna on the outside of the generator enclosure and route the antenna coax to the planned monitor location. If cell coverage is strong enough, the antenna may be located inside of the generator enclosure. This can be confirmed during the testing process.
2. Mount the ModPro inside of the generator controller enclosure. The monitor can be mounted with the self-tapping screws.
3. Connect the antenna to the Cellular Connector on the ModPro. When routing antenna, be sure to install a drip loop in cable to prevent water running down into controller enclosure.
4. Connect the Power (+) and (-) terminals to the appropriate battery terminals. Once the power leads are connected, the monitor will boot up.
5. Hold up and down buttons together to enter setup and press down arrow to go to the next page. Enter modbus settings. Ensure Baud rate is 19200 and slave address is 1.
Note: Controller password for the PSS2300 is 01209. Within 120 seconds, the orange indicator light on the controller board will begin rapidly blinking to indicate the transfer of modbus data.
6. Call Power Telematics Installation Support for testing and monitor set up (678-992-5501, option 3 for support).

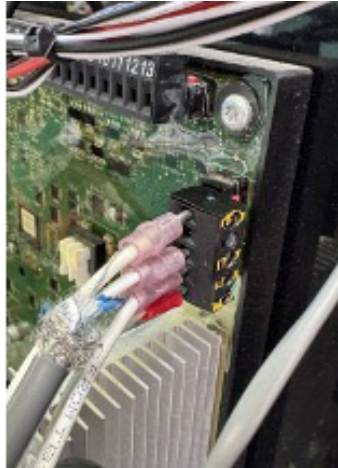


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Generator Common Fault Testing Press Emergency Stop Button.



Antenna Location



Modbus Connections on
Controller