



# Caterpillar Deep Sea 6310 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          | Terminal #52                 |
| RS485 B - #4          | Terminal #51                 |
| RS485 Com/Shield - #3 | Terminal #50                 |

**⚠ 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, a hole can be drilled near a joint in the enclosure and the cable ran between the insulation and joint (shown in photos) and ran through existing port in controller housing.
4. Connect the Power (+) and (-) terminals to the appropriate battery terminals. Once the power leads are connected, the monitor will boot up.
5. Enter Serial settings. Ensure Baud rate is 115200 and slave address is 10.
6. Call Power Telematics (678-992-5501, Option 3) for testing.

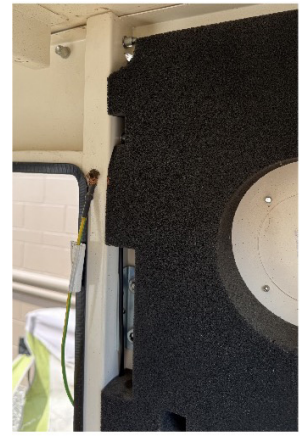


# Caterpillar Deep Sea 6310 ModPro Controller Connection Guide

## Generator Common Fault Testing Press Emergency Stop Button.



Antenna Location



Cable Routing



Cable Routing



Modbus Connections  
on Controller