

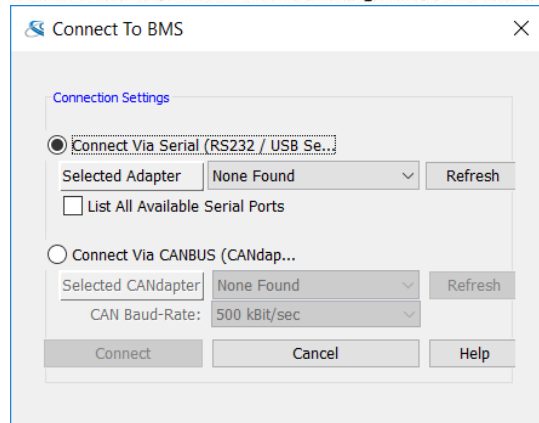
Clearing Codes and Restarting BMS Guide

Please follow the following steps to Connect, Clear Codes and Reset the BMS unit.

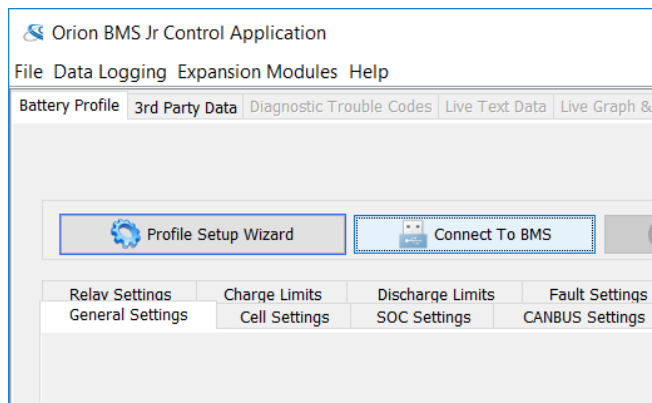
1. Save attached file on the email to your computer (desktop)
2. Install Java using this link: <https://www.java.com/en/download/manual.jsp>
3. Highly recommended to use a Windows PC, but also available for Mac users
 - a. We have 2 versions of our pack, please select the correct version
 - i. Version 1 with Orion Jr BMS
https://www.orionbms.com/downloads/orionbms_jr_utility_stable.zip
 - ii. Version 2 with Orion Jr BMS 2
https://www.orionbms.com/downloads/orionjr2_utility_stable.zip
4. Use the supplied USB to Serial adaptor to connect to the BMS Diagnostic port to the PC.
 - a. If needed you can get the USB adapter driver here:
<https://www.cablecreation.com/uploads/PL2303-Chipset-%E6%94%B9.pdf>
5. Open the utility and locate the File menu at the top left.



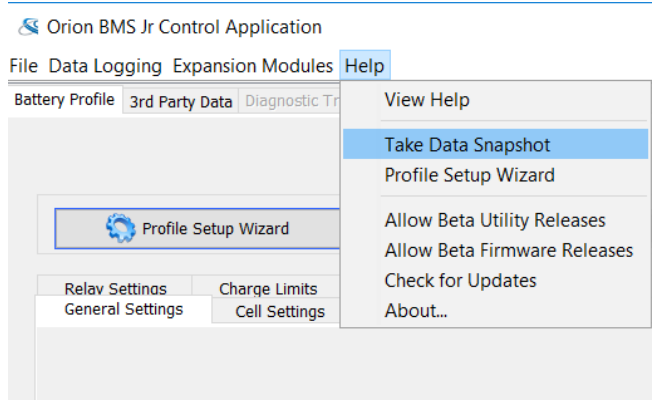
6. A pop up window will appear, check if an adapter is found.



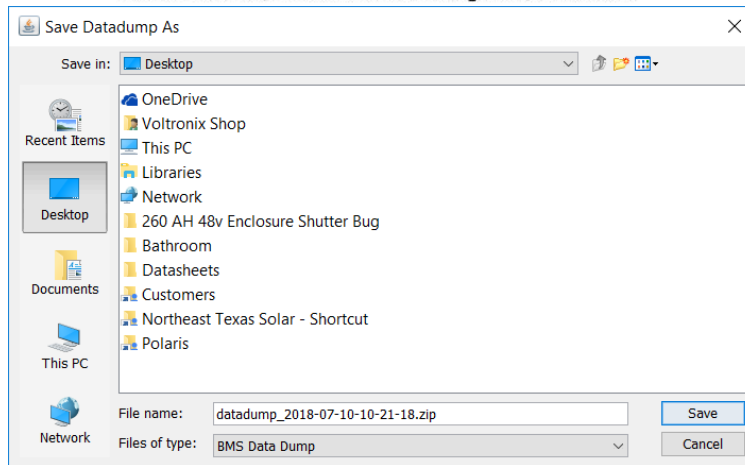
7. If found, click connect, otherwise refresh and try again.
8. When connecting, another pop up will appear, it will prompt you to load the BMS profile. You may agree to this and accept the warning window.
9. Once connected and the profile loaded, locate the help menu at the top left.



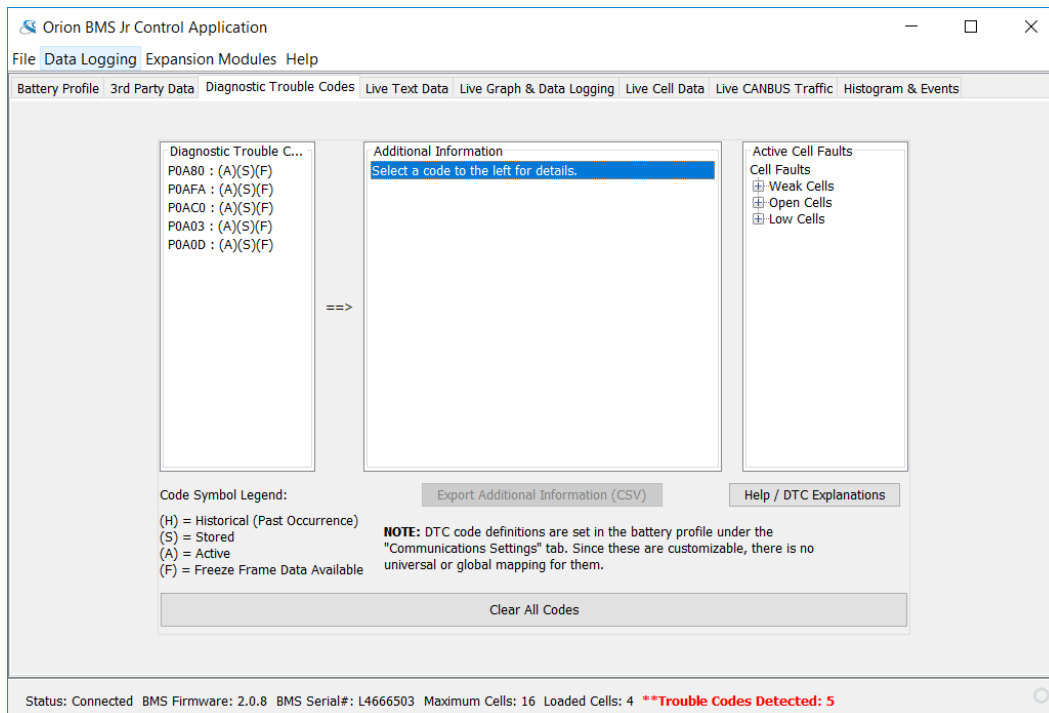
10. Click on “Help” and click on “Take Data Snapshot”



11. Another window will appear; this window will prompt you to save the data in a file location.
12. Select your Desktop for the location to save the data, do not rename the data file name.

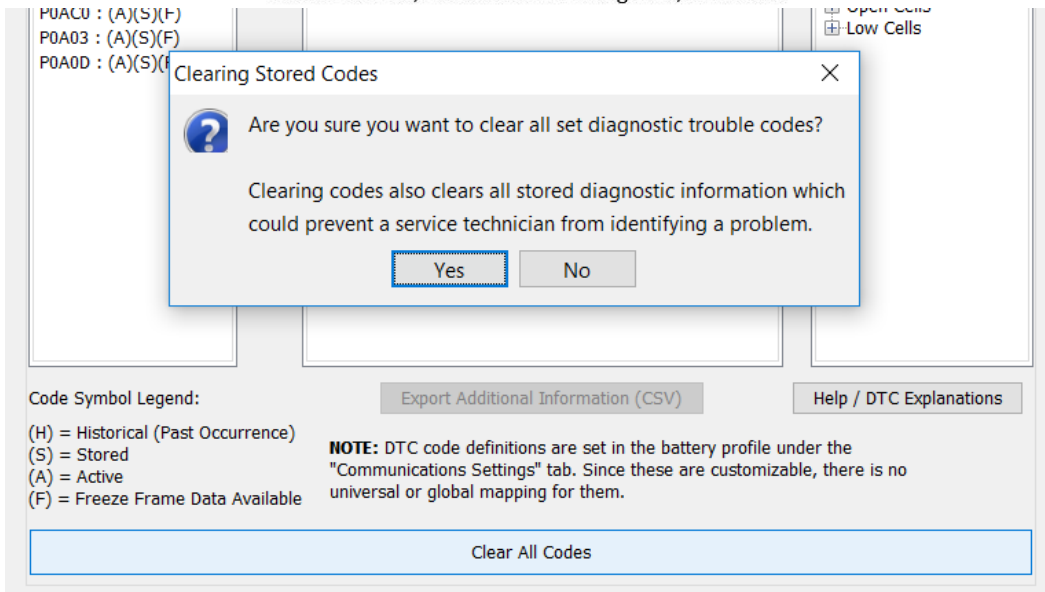


13. Next go to “Diagnostic Trouble Codes” tab and open.

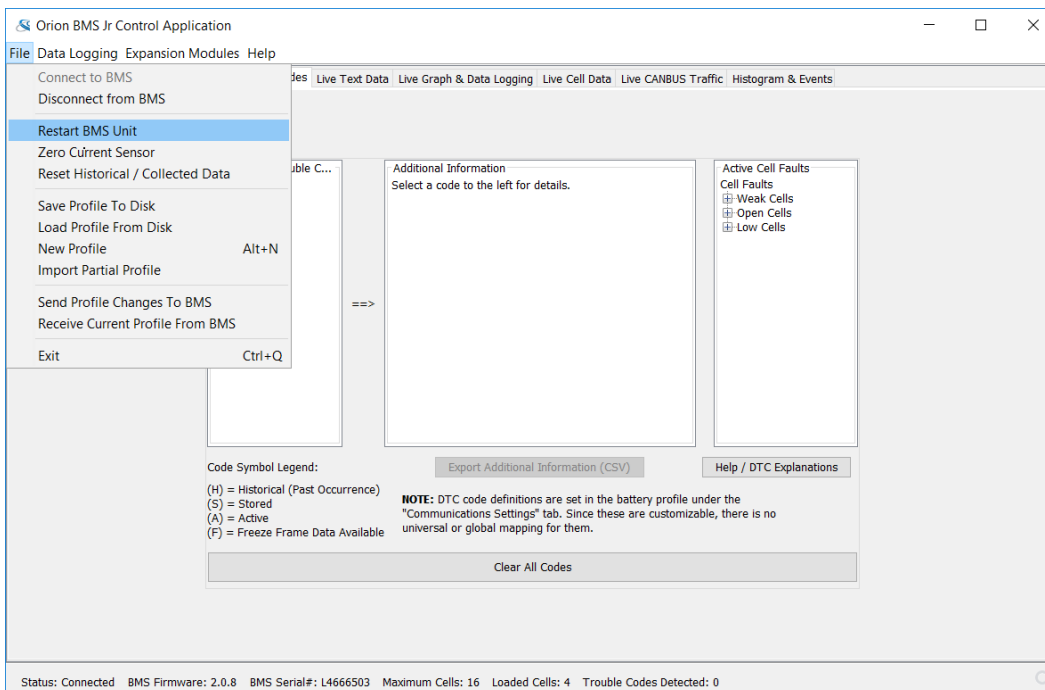


14. If you have a **Trouble Code** please continue, otherwise skip to step 16.

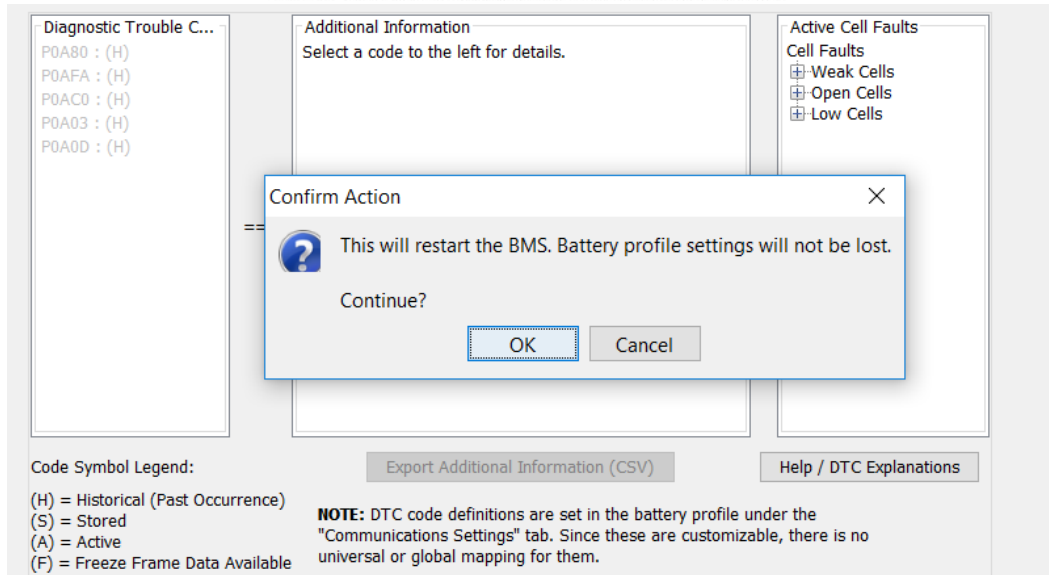
15. At the bottom of the window click on the “Clear All Codes” and select Yes on the pop up warning window.



16. At this time the errors should erase from the unit and no errors should stay persistent.
 - a. If an error stays on, the error will be observable on the Unit with a red light or on software in **Red Bold** towards the bottom of the application. Please contact a Voltronix Tech rep for further help.
17. After clearing the trouble codes locate the File menu (top left of the window) and select "Restart BMS Unit".



18. A pop up window will appear and select "OK". At this time the BMS unit will restart and you should hear an audible click from the master relay.



19. You should now be done clearing codes and restarting the BMS unit. You will notice that the SOC display will reset to 50%. This SOC will re-calibrate over time and you may ignore this.

20. Locate your files and email your files to a Voltronix Tech.