

# Orion BMS Bi Charger CAN control

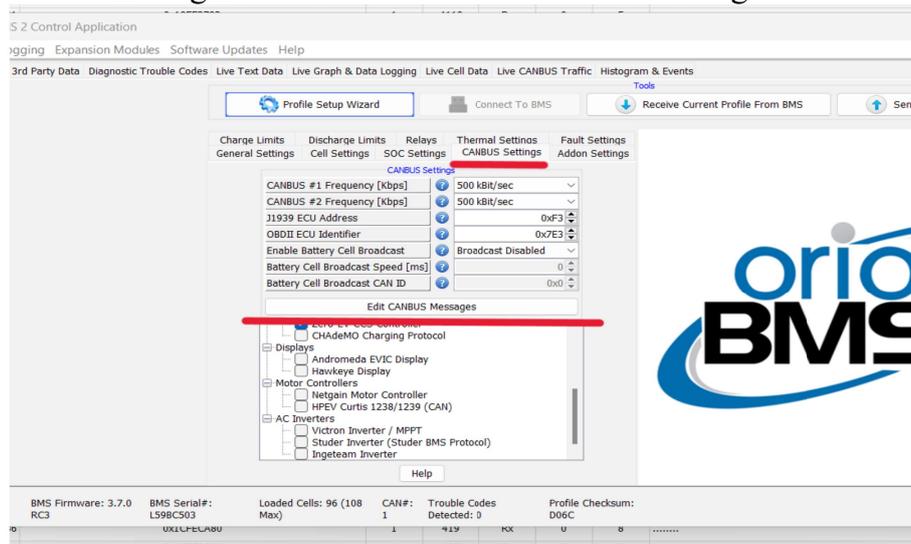
This document outlines the steps needed to create a CAN message from the BMS to the bi charger.

Step 1:

Open Orion BMS 2 Utility and connect to the BMS. Download the current profile when asked.

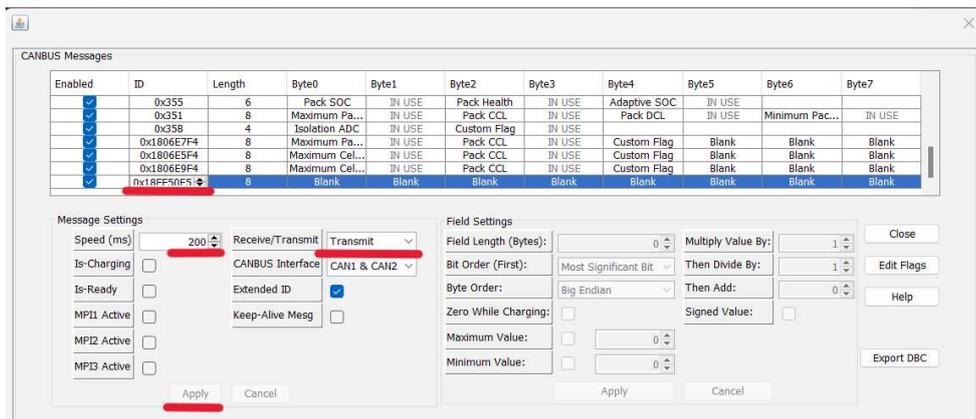
Step 2:

Select the CANBUS settings tab and click Edit CAN BUS Messages.

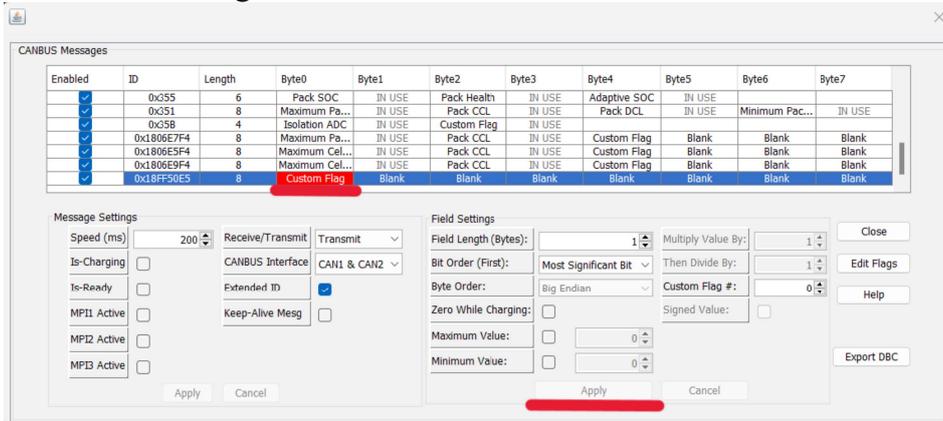


Step 3:

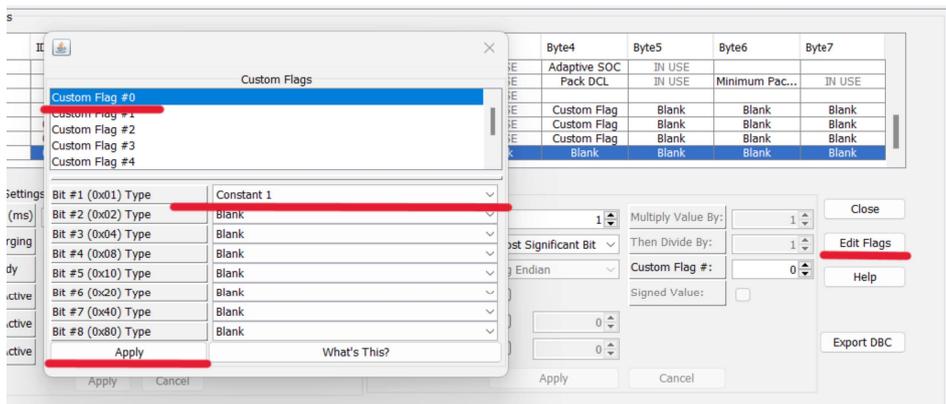
Change the CANBUS message at the bottom to the address **0x18008FD0**. While selected set the speed to below 200ms and Receive/Transmit to Transmit. Click Apply on the bottom left.



Step 4:  
 Set Byte0 to Custom flag.  
 Click Apply on the bottom right.



Step 5:  
 Click Edit Flags on the right hand side.  
 Select Custom Flag #0 and change bit #1 to Constant 1.  
 Click Apply.



Step 6:  
 Click Close on the CANBUS Editor and click Send Profile Changes To BMS.  
 Once send has completed and the HV is present the DCDC will become active.