

PROCEDURE:

TURN ON BMS

1. **Turn on the multimeter:**

The multimeter is on the car dashboard and reads the voltage of one of the cells of the auxiliar battery. It must be set to measure DC voltage.

2. **If the multimeter reads above 3.800V turn on the auxiliar system:**

This is done by pressing the “4 piscas” button located in the center console near the parking brake.

If the multimeter reads bellow 3.800V the auxiliar battery must be charged.

3. **Connect a PC to the VIENA network**

After the “4 piscas” button is pressed it will take two or three minutes for the “VIENA” network to appear in the list of available networks.

Name: VIENA

Password: not shown because this is a public document

4. **Connect to the user interface**

Open the browser and type in: <http://192.168.31.50/>

Press the “connect” button in the interface

Open the tab named “battery” in the interface

Wait until the values of voltage, soc, temperature and current are displayed (this may take 1 minute)

5. **Change the state**

Press the “change state” button to change the state from “standby” to “normal”

The contactor should be eared closing

The battery is now connected to the load

Note: if the state is “error” the BMS will not go into “normal”

6. **Disconnect battery from the load (when you want to)**

Press the “change state” button to change the state from “normal” to “standby”

The contactor should be eared opening

The battery is now disconnected to the load

7. **Turn off the BMS(when you want to)**

Press the “4 piscas” button located in the center console near the parking brake. This will turn off the RPIs and the BMS