



Ferrari North America

Technical Information

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Subject: Using the FRONIUS Acctiva Professional Stabilized power Supply

Please note that the **FRONIUS Acctiva Professional 35A** stabilized power supply must be configured with the following specific settings in order to charge the 12V lithium ion batteries for the **LaFerrari**, **LaFerrari Aperta** and **488 Pista**.

- IMPORTANT -

Each battery type requires a specific charger setting for the capacity of the battery in Ah. To prevent damage to the battery, ALWAYS use a suitable setting for the battery the charger is connected to.

• Procedure

The procedure for creating a setting suitable for the **LaFerrari**, **LaFerrari Aperta** and **488 Pista** is described as follows:

- Connect the power cable (1) to the charger (2) and then to an electrical outlet – Fig. 1.
- Connect the terminal clamp cable (3) to the charger (2) – Fig. 1.





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- Select the “Options” menu – Fig. 2.



Fig. 2

- Select “Configuration” from the Options menu – Fig. 3.



Fig. 3

- Enter the “Configuration” menu – Fig. 4.

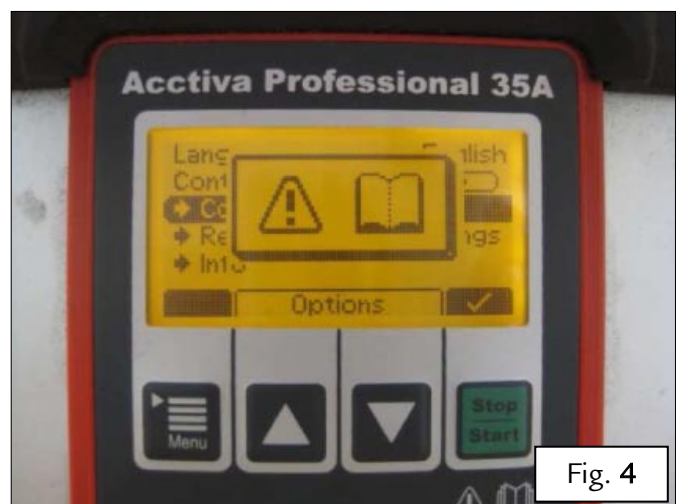


Fig. 4



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- Select “Charging” – Fig. 5.



Fig. 5

- Change the “Charge Boost” state from ON to OFF – Fig. 6-7.

Note: This setting is very important if the battery being charged is connected to the vehicle.

Note: If the same battery charger is also used for other battery types, always remember to change the state back to ON once the procedure is complete.



Fig. 6

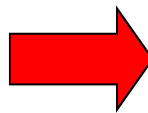


Fig. 7



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- From the “Charging” menu, select “Expert” menu, entering the code “1511” to change expert mode state from OFF to ON – Fig. 8.



Fig. 8

- From the “Expert” mode, select the “USER” battery type – Fig. 9.



Fig. 9



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- Change the state of the “USER” battery type (lithium ion) from **OFF** to **ON** – Fig. 10-11.



Fig. 10

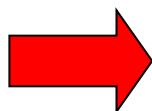


Fig. 11

- Change the “Charge End Voltage” value from 14.4V to 13.6 – Fig. 12-13.
- If not already set, change the “Conservation Charge” value to 13.5V – Fig. 12-13.

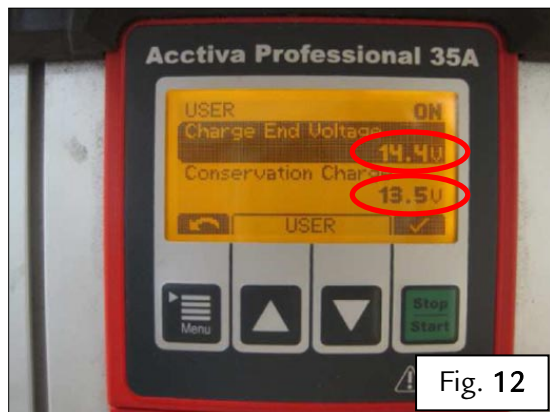


Fig. 12

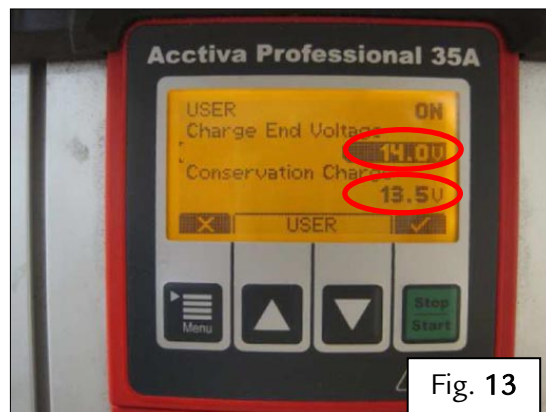
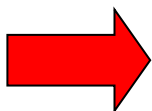


Fig. 13

- All the correct parameters for charging the “USER” (lithium ion) battery have now been set correctly and saved, and will be used for subsequent charge cycles when this battery type is selected on the power supply unit.



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- IMPORTANT -

Whenever using “USER” battery charge mode, always remember to change the CHARGING BOOST function to OFF for Lithium Ion batteries.

- Go back to the charging menu, select the “USER” battery type and set the “Ah” value for the battery (e.g. 80Ah) – Fig. 14.



- Locate the false negative terminal and the 12V positive cable junction box.
- With the power supply unit connected to the main socket and the terminal clamp cables, connect the red terminal clamp to the junction box, after opening the relative cover.
- Connect the black terminal clamp to the false battery negative terminal.
- The charging cycle will now start automatically.
- At the end of the LV battery charge cycle, disconnect the black terminal clamp and then the red terminal clamp.
- Close the cover of the positive cable junction box.

Thank you for your attention.