PIAGGIO

TECHNICAL COMMUNICATION P_230848_TC_EN **26/09/2023**

Model: Piaggio 1 Moped - Motorcycle

Subject: New calibration for BMS (Battery Management System) control unit update

Dear Dealer / Service Centre / Authorised workshop,

Please note that the new BMS (Battery Management System) calibration is available for the aforementioned model by downloading it from the P.A.D.S. diagnostic tool (which must be updated to the most recent version available).

The aforementioned operation is considered part of the normal scheduled maintenance required for the vehicle, and must be performed at the same time as other scheduled maintenance operations either during the pre-delivery procedure, for new vehicles, or at the first available opportunity when the vehicle is brought to the service centre, in the case of vehicles that have already been sold and are in use.

Model **Model**	**Versione** **Version**	**Battery Code** **Battery code**	**New software** **New map**
Piaggio 1 Moped 45 km/h	EMEA APAC NAFTA	1A018947	FK06S08
Piaggio 1 Moped 45 km/h Piaggio 1 Moped 25 km/h Piaggio1 Motorcycle Piaggio1 Motorcycle MY22 FCW	EMEA APAC NAFTA UK	1A018946	FK06B08
Piaggio 1 Moped 45 km/h	EMEA UK	1A024016	MY23S08
Piaggio1 Motorcycle MY23	UK	1A024027	MY23B08

The new software introduces the following functional improvement:

- "Total Ah accumulated by battery" parameter reset (if and only if the initial FW version is earlier than 2.9.0.).
- Improved B.M.S. diagnosis

After recalibration, it is necessary to

- delete any errors in the historical record on V.M.S. and B.M.S.

Warning: Program using the USB cable ONLY

It should also be noted that a misguided management by the operator compromises the installation of the software on the B.M.S./V.M.S. (example: the pc turns off during reprogramming - the PC/P.A.D.S. is disconnected during programming - the OS unexpectedly closes the application - you have hardware that is not functioning correctly) it will always be possible to retry programming by enabling the function without constraints with support for the Help Desk service.

Our Technical Support Service is available to provide any information and support via the Help Desk service.

Best regards,

Piaggio & C. SpA
Aftersales Business Unit

Operations & Technical Service