



Model: Piaggio 1 Moped 2021/2023 - Piaggio 1 Moped 30mph 2022
- Piaggio 1 Moped 25Km/h 2021-2022

Subject: New calibration for BMS - Battery Management System control unit update (29Ah battery)

Dear Dealer / Service Centre / Authorised workshop,

Please note that the new BMS 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 2023	UK	1A024016 (29 Ah)	MY23S12
Piaggio 1 Moped 2021-2023	EMEA	1A024016 (29 Ah) 1A018947 (29 Ah)	
Piaggio 1 Moped 30mph 2022	NAFTA	1A018947 (29 Ah)	
Piaggio 1 Moped 2022	APAC		
Piaggio 1 Moped 25Km/h 2021-2022	EMEA		



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The new software introduces the following functional improvement:

- Improved SOC (state of charge) management with battery flat;
- Improved SOC (state of charge) management in power saving mode.

After re-calibration, it is necessary to

- Delete any errors in STORED status on the VMS and BMS control unit

Warning: Perform programming using ONLY the USB cable

It should also be noted that a misguided management by the operator compromises the installation of the software on the BMS/VMS (example: the pc turns off during reprogramming - the PC/PADS 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.

Best regards,

Piaggio & C. SpA

Aftersales Business Unit

Technical Service & Customer Care