S.A.T.	287 rev.1 MV
area	n°

Service Bulletin

Service Bulletin - Technisches Rundschreiben - Circulaire Technique - Circular Tecnica

Date: **1 april 2022**

Subject: **New ECU software**

Product: **B4 1000 Euro 5 RS – RR – Nürburgring – Rush**

from VIN:	**...NV000011**
to VIN:	**...NV000441**
Kit Nürburgring exhaust map to VIN:	**...NV001116**

Changes of the rev. 1: **New Nürburgring exhaust Kit map released. The other maps remain unchanged.**

The contents of the new kit map introduce the following changes:

- More accurate airflow calculations
- Optimized Spark Advance Tables
- Optimized gas response.

It is necessary verifying, and, if needed, updating the control unit during the pre-delivery phase, during a maintenance service or at the first visit at your workshop.

Issues on motorcycles related to outdated software or software intended for another vehicle could affect the approval of warranty claims, therefore we ask you for particular attention in ALWAYS updating motorcycles in transit at your workshop.

It is recommended to pay the utmost attention in choosing the correct mapping for the model and version of the motorcycle concerned.
For any doubt regarding the choice of the correct mapping, it is recommended to contact your MV Agusta technical representative or the MV Agusta Technical Assistance dept.

The installation of a mapping different from that provided for the on the motorcycle concerned, will be the exclusive responsibility of the dealer performing the update.

MV AGUSTA MOTOR S.p.A. therefore disclaims any responsibility for any consequence (civil and / or criminal and / or administrative) that the dealer or third parties could sustain due to the modification of the ECU (ECU mapping) and / or a different use of the motorcycle that is in contrast with the limits and prohibitions provided for by local law and by the regulation relating to the approved power of motorcycles that are intended for use on public roads.

TOOLS REQUIRED TO PERFORM THE INTERVENTION:

- Diagnosis tool **TEXA Navigator**
- PC equipe with TEXA Software **IDC5**
- Cable **3151/AP34**.

ECU UPDATE PROCEDURE:

- Update your TEXA Navigator diagnosis tool by connecting the computer with IDC5 software to internet, select "Software Update" and start the download to download version **34.2.5 \ MAP 3967** or later versions.

- Verify that the battery voltage is greater than 12.5V and keep the original battery charger connected for the entire duration of the update.

- Connect the TEXA diagnosis system by following the path:
MOTO – MV AGUSTA – Brutale 1000 RR – [07/21>]
MOTO – MV AGUSTA – Brutale 1000 RS
MOTO – MV AGUSTA – Brutale 1000 RR Nürburgring
MOTO – MV AGUSTA – Rush 1000 – [07/21>]

- Select "**ECU Update**" then "**Injection Reprogramming**" and finally the **ELDOR** control unit

- Connect the motorcycle following the instructions of the program and select "**MAPPING**".

The installation of the new mapping requires the presence of the boot **BTMV6D-0700** in the control unit: check for the presence of such boot; if the control unit is not equipped with the boot described above, contact the MV Agusta technical assistance service.
Install the new ECU map by selecting the file for your market:

B4 1000 Euro 5 RS – RR – Nürburgring – Rush:

Version	Software	Password
Version Europe	B41000RR1106UE10	NEMO#10s4wp21
Version USA / Canada	B41000RR1106US10	NEMO#10md4821
Version Korea	B41000RR1106KR10	NEMO#10apgk21
Kit racing exhaust	B41000RR1106KK10	To be requested to Technical Assistance Service
Kit Nürburgring exhaust	B41000RR1106KY11	To be requested to Technical Assistance Service

then follow the instructions of the program to complete the installation.

- At the end of the procedure, check the code of the installed calibration / map version in the "INFO ECU" menu.
- Exit the "ECU Update" environment and open the "Self-diagnosis" environment.
- Select "petrol injection" and control unit model
- Select "Settings" and then "Reset self-adaptive parameters" and follow the instructions of the program
- Select “Settings” and then “Vehicle configuration learning” and then follow the instructions of the Program
- Start the engine and leave it to idle until the radiator cooling fan will be activated.
- Test the motorcycle on the road before delivering it to the customer to verify correct operation.

IMPORTANT NOTE:
In case of replacement of the ECU, or if the system does not recognize the presence of the EAS, reset the vehicle configuration through the "Vehicle configuration learning" adjustment in the IDC5 self-diagnosis in the "Settings" section, in order to detect its presence and allow its correct operation.

Thanking you in advance for your collaboration, we remain at your disposal for any support.

Best regards
MV AGUSTA MOTOR S.p.A.
Technical Assistance Service