



S.A.T.	008 -24 MV
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# Technical Bulletin

Date: **December 12th, 2024**

Subject: **ECU calibration**

Product: **Brutale 800 E5 Rosso MY 21\22**

**NOTE: the mappings reported in this document are compatible only with the model and MYs listed.**

**Please update the vehicles based on the instructions in this Technical Information BEFORE delivering the vehicle to the end customer or, if the motorcycle has already been delivered, at the first possible opportunity.**

Failure of the dealer to attend to this in a timely manner results in MV Agusta no longer being obligate to release the defaulting dealer from liability in the case of product liability claims. As a result, the dealer shall become subject to liability and/or responsible for recourse.

It is recommended to pay maximum attention in choosing the correct software for the model and version of the motorcycle concerned. If you have any doubts regarding the correct choice, we recommend contacting your reference local Customer Service contact person.

**Problems on motorcycles related to software that is not updated or intended for another vehicle could compromise the approval of warranty requests; therefore, we ask you to pay particular attention to ALWAYS updating the motorcycles in transit at your workshop.**

**The installation of software other than that provided for the motorcycle concerned will be the exclusive responsibility of the dealer carrying out the operation.**

MV AGUSTA MOTOR S.p.A. therefore declines any responsibility for any consequences (civil and/or criminal and/or administrative) that the dealer or third parties may incur due to the modification of the ECU (ECU Calibration) and/or a different use of the motorcycle which is in conflict with the limits and prohibitions established by local law and the regulation relating to the approved power of motorcycles that are intended for use on public roads.

## Basic information:

Calibration update dedicated to the **Brutale 800 Rosso E5 model year 21\22.**

## TOOLS NECESSARY TO PERFORM THE INTERVENTION:

- XC\_2 \ XC\_3 Diagnostic tool
- Battery charger code #A61029974000

## ECU REPROGRAMMING PROCEDURE WITH XC\_2 \ XC\_3 TOOL:

A description of the general workshop instructions is omitted. The safety regulations applicable in the workshop are also not specified here. The repair work is assumed to be carried out by an experienced mechanic who has completed training or has an equivalent qualification. If you are unsure, you should consult the latest repair manual.

- Check that the battery voltage is higher than 12.6 V and keep the battery charger code #A61029974000 in "POWER SUPPLY" mode connected for the entire duration of the update operations.
- Update your XC\_2 diagnostic tool to the latest available release.
- Connect the diagnostic tool to the vehicle.
- Select the environment "CONTROL UNIT DIAGNOSTIC"
- Select the environment "ENGINE CONTROL UNIT"
- Select "AUTOMATIC FLASHING" mode and proceed with the installation (no password will be requested). NOTE: the mapping will be made available and installed automatically according to the model of your vehicle, it is therefore necessary that the VIN is regularly registered in Dealer.Net.  
In the event that the VIN of the vehicle being processed is NOT already registered in Dealer.Net, proceed to generate a request ticket in Service Now

### **WARNING: DO NOT DISCONNECT OR INTERRUPT COMMUNICATION WITH THE DIAGNOSTIC TOOL DURING THIS PHASE.**

Model	MY	Calibration\Map Code
BRUTALE 800 ROSSO E5	2021/2022	EUROPEAN VERSION: B3800__1108UE11
		USA VERSION: B3800__1108US11
		KOREAN\CHINA VERSION: B3800__1108KR11
		70 Kw VERSION: B3800__11087011
		35 Kw VERSION: B3800__11083511

### MANDATORY CONCLUDING OPERATIONS:

- Execute the command "RESET SELF ADAPTING PARAMETERS" through XC\_2 \ XC\_3
- Execute the command "VEHICLE CONFIGURATION LEARNING" through XC\_2 \ XC\_3
- **If you are installing a new control unit from a spare part or from a racing KIT not previously installed on the vehicle,** execute the "EXHAUST VALVE SELF-LEARNING" command THROUGH XC\_2 \ XC\_3. Otherwise, or if the vehicle does not have it, continue with the next point.
- Start the engine and let it idle without accelerating until the cooling fan starts.
- Perform a dynamic test of the motorcycle on the road before returning it to the customer to verify the correct functioning.

### **Please note:**

All authorized MV Agusta dealers are required to perform inspection and replacement on all affected motorcycles they have in stock (see vehicle history) before these motorcycles are delivered to end customers. Therefore, check the history of vehicles in stock on MV Agusta Dealer.net. When applying this technical information, it is not possible to present customer mobility services as part of the warranty claim.

### **Vehicles involved:**

Before ordering or sourcing parts, be sure to observe the following statement: the quantity of affected vehicles and all VINs are listed in the applicable technical information. To access it, open the TI from your inbox or from the archive on Dealer.net, under Assistance and warranty messages. The complete list of vehicle identification numbers can be found under Affected vehicles.

Kind regards,

**MV AGUSTA MOTOR S.p.A.**

**Servizio Assistenza Tecnica – Customer Service**

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