

Model: V85 TT Euro 5 (all versions)

Subject: Availability of engine ECU calibration update

Dear Dealer / Service Centre,

We hereby inform you that a software update relating to the calibration of the engine ECU is available, after checking that the P.A.D.S. diagnostic tool is updated to the latest release available.

The operation referred to above is to be included in the normal maintenance activities to be carried out at the same time as the pre-delivery, during the activities scheduled for services, or on the first convenient passage in the Workshop for vehicles in circulation.

The main contents of the available update are:

- Resolution of sporadic head knocking.
- Resolution of possible shut-downs with the use of the new canister management.
- Improved handling.

OPERATIONAL PROCEDURE

To update the engine ECU software, the P.A.D.S. diagnostic tool must be connected to the vehicle using the EOBD accessory cable code 021017Y (see images proposed by P.A.D.S. during the connection phase) and check that the P.A.D.S. diagnostic tool is updated to the latest release available



Summary table:

Model	ECU Internal code	Version	Old calibration	New calibration
V85 TT	CM301801	EMEA	P80EFA08	P80KFA12
V85 USA	CM301815	USA	P80EFB08	P80KFB12
V85 35KW	CM301820	EMEA-35 kW	P80EFC08	P80KFC12
V85 China	CM301834	CHINA	P80EFD08	P80KFD12

- Before starting the update, check that the battery is charged and working correctly, or connect to an external power supply.
- Connect the PC to the mains and disable any screen savers.
- With the key in the OFF position, connect the cable code 021017Y to the red EOBD diagnosis connector.
- Turn the key to **ON**.
- By connecting the P.A.D.S. to the vehicle (we recommend using the cable rather than Bluetooth to lower the execution time) select the new calibration from the menu:
 - ✓ Moto GUZZI V85 850 ENDURO E5 /Marelli IAW 11MP petrol engine electronics/
Reprogramming and confirm with "**Start Update**".
- Never turn the key to OFF or close the P.A.D.S. interface program during the map update.

Once the update has been successfully completed,



- Carry out a key off / key on (Wait a few seconds for the instrument cluster to switch off).
- Carry out the throttle valve self-learning.
- Perform the vehicle configuration.
- Perform the cancellation of the tone wheel learning.
- Perform the learning of the engine tone wheel (see related communication dated 04/10/2021 valid for EMEA and 35 KW versions only).
- Access the vehicle ECU menus and delete possible errors.

Our Technical Assistance Service is in any case at your disposal to provide you with any information and support you may deem necessary through the Help Desk service.

Best regards,

Piaggio & C. SpA

Business Unit Aftersales

Operations & Technical Service